

# CONSORZIO DI BONIFICA STORNARA E TARA

viale Magna Grecia, 240 - 74121 TARANTO

PROGETTO DI FATTIBILITA' TECNICO-ECONOMICA DI RIPRISTINO DEL  
"PONTE TUBO DELL'IMPIANTO IRRIGUO CONSORTILE SX BRADANO  
UBICATO IN ATTRAVERSAMENTO NELLA LAMA DI LATERZA"  
NEL COMUNE DI CASTELLANETA (TA)  
CIG ZE320C0FE5



**Capogruppo R.T.P.**  
ing. Francesco LASIGNA  
via del Mercato, 40/E - 74011 CASTELLANETA

**Mandatari R.T.P.**  
ing. Giuseppe CARLUCCI  
via lago di Molveno, 7 - 74121 TARANTO  
dott. geol. Antonio TRAMONTE  
via Vittorio Veneto, 134 - 74016 MASSAFRA

**R.U.P. Consorzio di Bonifica**  
ing. Santo CALASSO

ELABORATO	DATA	SCALA	ALLEGATO
<i>Analisi strutturale dello stato di fatto: sismica (parte 2)</i>	07/2018	varie	R.5.b

AGGIORNAMENTO	DATA	DESCRIZIONE

278	3	11	4.946E-01	-7.299E-01	-6.522E-01	-4.023E+04	-2.138E+04	1.327E+03	7.769E-01	-1.012E+00	-4.085E-01	-2.128E+04	-4.032E+04	1.501E+00
278	3	12	4.946E-01	-7.304E-01	-6.494E-01	-4.023E+04	-2.138E+04	1.326E+03	7.747E-01	-1.011E+00	-4.073E-01	-2.128E+04	-4.032E+04	1.501E+00
278	3	13	5.045E-01	-8.266E-01	-3.205E-01	-4.021E+04	-2.132E+04	1.241E+03	5.777E-01	-8.997E-01	-2.244E-01	-2.124E+04	-4.029E+04	1.505E+00
278	3	14	5.045E-01	-8.270E-01	-3.177E-01	-4.021E+04	-2.132E+04	1.240E+03	5.764E-01	-8.989E-01	-2.226E-01	-2.124E+04	-4.029E+04	1.506E+00
278	3	15	4.925E-01	-7.309E-01	-6.477E-01	-4.023E+04	-2.138E+04	1.324E+03	7.717E-01	-1.010E+00	-4.070E-01	-2.128E+04	-4.032E+04	1.501E+00
278	3	16	4.924E-01	-7.314E-01	-6.449E-01	-4.023E+04	-2.138E+04	1.323E+03	7.695E-01	-1.008E+00	-4.058E-01	-2.128E+04	-4.032E+04	1.501E+00
278	4	1	-2.205E+00	-4.585E-01	1.144E+00	-5.740E+04	-1.678E+04	-1.959E+03	1.078E-01	-2.772E+00	1.111E+00	-1.669E+04	-5.750E+04	1.619E+00
278	4	2	-2.207E+00	-4.586E-01	1.147E+00	-5.740E+04	-1.678E+04	-1.959E+03	1.091E-01	-2.774E+00	1.111E+00	-1.669E+04	-5.750E+04	1.619E+00
278	4	3	-2.375E+00	-3.551E-02	7.869E-01	-5.749E+04	-1.691E+04	-1.952E+03	2.045E-01	-2.615E+00	1.275E+00	-1.682E+04	-5.758E+04	1.619E+00
278	4	4	-2.377E+00	-3.570E-02	7.891E-01	-5.749E+04	-1.691E+04	-1.952E+03	2.055E-01	-2.618E+00	1.274E+00	-1.682E+04	-5.758E+04	1.619E+00
278	4	5	-2.208E+00	-4.589E-01	1.148E+00	-5.740E+04	-1.678E+04	-1.962E+03	1.100E-01	-2.777E+00	1.111E+00	-1.669E+04	-5.750E+04	1.619E+00
278	4	6	-2.210E+00	-4.591E-01	1.151E+00	-5.740E+04	-1.678E+04	-1.962E+03	1.113E-01	-2.780E+00	1.111E+00	-1.669E+04	-5.750E+04	1.619E+00
278	4	7	-2.378E+00	-3.598E-02	7.909E-01	-5.749E+04	-1.691E+04	-1.955E+03	2.061E-01	-2.620E+00	1.274E+00	-1.682E+04	-5.758E+04	1.619E+00
278	4	8	-2.380E+00	-3.616E-02	7.931E-01	-5.749E+04	-1.691E+04	-1.955E+03	2.070E-01	-2.623E+00	1.273E+00	-1.682E+04	-5.758E+04	1.619E+00
278	4	9	-2.942E-01	-1.718E-01	-6.708E-01	-5.879E+04	-1.698E+04	-1.794E+03	4.406E-01	-9.065E-01	2.311E+00	-1.690E+04	-5.887E+04	1.614E+00
278	4	10	-2.954E-01	-1.720E-01	-6.686E-01	-5.879E+04	-1.698E+04	-1.795E+03	4.378E-01	-9.052E-01	2.310E+00	-1.690E+04	-5.887E+04	1.614E+00
278	4	11	-4.642E-01	2.512E-01	-1.028E+00	-5.887E+04	-1.711E+04	-1.788E+03	9.822E-01	-1.195E+00	2.189E+00	-1.703E+04	-5.895E+04	1.613E+00
278	4	12	-4.654E-01	2.510E-01	-1.026E+00	-5.887E+04	-1.711E+04	-1.788E+03	9.796E-01	-1.194E+00	2.188E+00	-1.703E+04	-5.895E+04	1.614E+00
278	4	13	-2.973E-01	-1.723E-01	-6.668E-01	-5.879E+04	-1.698E+04	-1.798E+03	4.350E-01	-9.045E-01	2.309E+00	-1.690E+04	-5.887E+04	1.614E+00
278	4	14	-2.985E-01	-1.724E-01	-6.646E-01	-5.879E+04	-1.698E+04	-1.798E+03	4.321E-01	-9.031E-01	2.309E+00	-1.690E+04	-5.887E+04	1.614E+00
278	4	15	-4.673E-01	2.507E-01	-1.024E+00	-5.887E+04	-1.711E+04	-1.791E+03	9.771E-01	-1.194E+00	2.188E+00	-1.703E+04	-5.895E+04	1.614E+00
278	4	16	-4.686E-01	2.505E-01	-1.022E+00	-5.887E+04	-1.711E+04	-1.791E+03	9.745E-01	-1.193E+00	2.187E+00	-1.703E+04	-5.895E+04	1.614E+00
279	1	1	-2.631E+00	3.350E-01	-8.000E-01	-3.874E+04	-2.106E+04	1.272E+03	5.370E-01	-2.833E+00	1.818E+00	-2.096E+04	-3.883E+04	1.499E+00
279	1	2	-2.631E+00	3.355E-01	-7.972E-01	-3.874E+04	-2.106E+04	1.271E+03	5.361E-01	-2.832E+00	1.817E+00	-2.096E+04	-3.883E+04	1.499E+00
279	1	3	-2.681E+00	1.810E-01	-1.126E+00	-3.872E+04	-2.089E+04	1.361E+03	5.708E-01	-3.070E+00	1.904E+00	-2.078E+04	-3.883E+04	1.495E+00
279	1	4	-2.681E+00	1.815E-01	-1.123E+00	-3.872E+04	-2.089E+04	1.360E+03	5.694E-01	-3.069E+00	1.903E+00	-2.078E+04	-3.883E+04	1.495E+00
279	1	5	-2.633E+00	3.354E-01	-7.968E-01	-3.874E+04	-2.105E+04	1.269E+03	5.358E-01	-2.833E+00	1.817E+00	-2.096E+04	-3.883E+04	1.500E+00
279	1	6	-2.633E+00	3.359E-01	-7.940E-01	-3.874E+04	-2.105E+04	1.268E+03	5.349E-01	-2.832E+00	1.816E+00	-2.096E+04	-3.883E+04	1.500E+00
279	1	7	-2.683E+00	1.814E-01	-1.123E+00	-3.872E+04	-2.088E+04	1.358E+03	5.690E-01	-3.070E+00	1.903E+00	-2.078E+04	-3.883E+04	1.495E+00
279	1	8	-2.682E+00	1.819E-01	-1.120E+00	-3.872E+04	-2.088E+04	1.357E+03	5.677E-01	-3.068E+00	1.903E+00	-2.078E+04	-3.883E+04	1.495E+00
279	1	9	5.277E-01	-7.019E-01	7.405E-01	-4.023E+04	-2.142E+04	1.470E+03	8.754E-01	-1.050E+00	4.390E-01	-2.130E+04	-4.034E+04	1.493E+00
279	1	10	5.278E-01	-7.014E-01	7.434E-01	-4.023E+04	-2.142E+04	1.469E+03	8.777E-01	-1.051E+00	4.400E-01	-2.130E+04	-4.034E+04	1.493E+00
279	1	11	4.782E-01	-8.559E-01	4.149E-01	-4.021E+04	-2.125E+04	1.559E+03	5.967E-01	-9.744E-01	2.782E-01	-2.112E+04	-4.034E+04	1.489E+00
279	1	12	4.783E-01	-8.554E-01	4.177E-01	-4.021E+04	-2.125E+04	1.558E+03	5.983E-01	-9.754E-01	2.798E-01	-2.112E+04	-4.034E+04	1.489E+00
279	1	13	5.258E-01	-7.015E-01	7.437E-01	-4.023E+04	-2.141E+04	1.467E+03	8.764E-01	-1.052E+00	4.405E-01	-2.130E+04	-4.034E+04	1.493E+00
279	1	14	5.258E-01	-7.010E-01	7.465E-01	-4.023E+04	-2.141E+04	1.466E+03	8.787E-01	-1.054E+00	4.415E-01	-2.130E+04	-4.034E+04	1.493E+00
279	1	15	4.763E-01	-8.555E-01	4.180E-01	-4.021E+04	-2.125E+04	1.556E+03	5.967E-01	-9.758E-01	2.803E-01	-2.112E+04	-4.034E+04	1.489E+00
279	1	16	4.764E-01	-8.550E-01	4.209E-01	-4.021E+04	-2.125E+04	1.555E+03	5.982E-01	-9.769E-01	2.819E-01	-2.112E+04	-4.034E+04	1.490E+00
279	2	1	-2.517E+00	6.355E-01	-6.978E-01	-1.945E+04	-1.625E+04	-2.327E+03	7.830E-01	-2.664E+00	1.779E+00	-1.503E+04	-2.068E+04	2.055E+00
279	2	2	-2.515E+00	6.353E-01	-6.944E-01	-1.945E+04	-1.625E+04	-2.328E+03	7.815E-01	-2.662E+00	1.778E+00	-1.503E+04	-2.068E+04	2.055E+00
279	2	3	-2.444E+00	6.008E-01	-9.266E-01	-1.944E+04	-1.610E+04	-2.241E+03	8.606E-01	-2.704E+00	1.844E+00	-1.497E+04	-2.056E+04	2.036E+00
279	2	4	-2.443E+00	6.006E-01	-9.232E-01	-1.944E+04	-1.610E+04	-2.242E+03	8.588E-01	-2.701E+00	1.843E+00	-1.497E+04	-2.056E+04	2.036E+00
279	2	5	-2.516E+00	6.346E-01	-6.934E-01	-1.945E+04	-1.625E+04	-2.330E+03	7.804E-01	-2.662E+00	1.778E+00	-1.502E+04	-2.068E+04	2.055E+00

279	2	6	-2.515E+00	6.344E-01	-6.900E-01	-1.946E+04	-1.625E+04	-2.331E+03	7.790E-01	-2.659E+00	1.777E+00	-1.502E+04	-2.068E+04	2.055E+00
279	2	7	-2.443E+00	5.999E-01	-9.222E-01	-1.944E+04	-1.610E+04	-2.244E+03	8.576E-01	-2.701E+00	1.843E+00	-1.497E+04	-2.057E+04	2.036E+00
279	2	8	-2.442E+00	5.998E-01	-9.188E-01	-1.944E+04	-1.610E+04	-2.245E+03	8.557E-01	-2.698E+00	1.843E+00	-1.497E+04	-2.057E+04	2.036E+00
279	2	9	-2.354E-01	-1.045E+00	2.408E-01	-2.048E+04	-1.568E+04	-1.979E+03	-1.692E-01	-1.111E+00	2.682E-01	-1.497E+04	-2.119E+04	1.916E+00
279	2	10	-2.341E-01	-1.045E+00	2.442E-01	-2.048E+04	-1.568E+04	-1.980E+03	-1.663E-01	-1.113E+00	2.710E-01	-1.497E+04	-2.119E+04	1.916E+00
279	2	11	-1.626E-01	-1.080E+00	1.196E-02	-2.046E+04	-1.553E+04	-1.893E+03	-1.624E-01	-1.080E+00	1.303E-02	-1.488E+04	-2.110E+04	1.898E+00
279	2	12	-1.613E-01	-1.080E+00	1.538E-02	-2.046E+04	-1.553E+04	-1.894E+03	-1.611E-01	-1.080E+00	1.674E-02	-1.488E+04	-2.110E+04	1.898E+00
279	2	13	-2.349E-01	-1.046E+00	2.452E-01	-2.048E+04	-1.568E+04	-1.982E+03	-1.665E-01	-1.114E+00	2.719E-01	-1.496E+04	-2.119E+04	1.916E+00
279	2	14	-2.336E-01	-1.046E+00	2.486E-01	-2.048E+04	-1.568E+04	-1.984E+03	-1.636E-01	-1.116E+00	2.745E-01	-1.496E+04	-2.119E+04	1.916E+00
279	2	15	-1.621E-01	-1.081E+00	1.636E-02	-2.046E+04	-1.553E+04	-1.896E+03	-1.618E-01	-1.081E+00	1.780E-02	-1.488E+04	-2.111E+04	1.898E+00
279	2	16	-1.608E-01	-1.081E+00	1.978E-02	-2.046E+04	-1.553E+04	-1.898E+03	-1.604E-01	-1.081E+00	2.149E-02	-1.488E+04	-2.111E+04	1.899E+00
279	3	1	-2.322E+00	3.096E-01	-7.446E-01	-4.077E+04	-4.145E+03	-1.682E+03	5.057E-01	-2.518E+00	1.828E+00	-4.068E+03	-4.085E+04	1.617E+00
279	3	2	-2.320E+00	3.092E-01	-7.418E-01	-4.077E+04	-4.145E+03	-1.683E+03	5.041E-01	-2.515E+00	1.828E+00	-4.068E+03	-4.085E+04	1.617E+00
279	3	3	-2.074E+00	4.914E-02	-1.034E+00	-4.067E+04	-3.996E+03	-1.617E+03	4.697E-01	-2.495E+00	1.957E+00	-3.925E+03	-4.074E+04	1.615E+00
279	3	4	-2.072E+00	4.873E-02	-1.032E+00	-4.067E+04	-3.997E+03	-1.618E+03	4.677E-01	-2.491E+00	1.957E+00	-3.925E+03	-4.074E+04	1.615E+00
279	3	5	-2.320E+00	3.084E-01	-7.415E-01	-4.077E+04	-4.146E+03	-1.685E+03	5.031E-01	-2.514E+00	1.828E+00	-4.068E+03	-4.085E+04	1.617E+00
279	3	6	-2.317E+00	3.080E-01	-7.387E-01	-4.077E+04	-4.146E+03	-1.686E+03	5.016E-01	-2.511E+00	1.827E+00	-4.069E+03	-4.085E+04	1.617E+00
279	3	7	-2.071E+00	4.788E-02	-1.031E+00	-4.067E+04	-3.997E+03	-1.620E+03	4.668E-01	-2.490E+00	1.957E+00	-3.925E+03	-4.074E+04	1.615E+00
279	3	8	-2.069E+00	4.747E-02	-1.028E+00	-4.067E+04	-3.997E+03	-1.620E+03	4.649E-01	-2.486E+00	1.956E+00	-3.926E+03	-4.075E+04	1.615E+00
279	3	9	-1.168E+00	-1.807E-01	6.244E-01	-4.173E+04	-3.621E+03	-1.254E+03	1.217E-01	-1.470E+00	1.120E+00	-3.580E+03	-4.177E+04	1.604E+00
279	3	10	-1.166E+00	-1.811E-01	6.272E-01	-4.173E+04	-3.622E+03	-1.255E+03	1.240E-01	-1.471E+00	1.118E+00	-3.580E+03	-4.177E+04	1.604E+00
279	3	11	-9.196E-01	-4.411E-01	3.348E-01	-4.163E+04	-3.472E+03	-1.189E+03	-2.689E-01	-1.092E+00	1.096E+00	-3.435E+03	-4.167E+04	1.602E+00
279	3	12	-9.172E-01	-4.416E-01	3.375E-01	-4.163E+04	-3.473E+03	-1.189E+03	-2.665E-01	-1.092E+00	1.092E+00	-3.436E+03	-4.167E+04	1.602E+00
279	3	13	-1.165E+00	-1.819E-01	6.275E-01	-4.173E+04	-3.622E+03	-1.257E+03	1.236E-01	-1.471E+00	1.118E+00	-3.580E+03	-4.177E+04	1.604E+00
279	3	14	-1.163E+00	-1.823E-01	6.303E-01	-4.173E+04	-3.622E+03	-1.257E+03	1.260E-01	-1.471E+00	1.116E+00	-3.581E+03	-4.177E+04	1.604E+00
279	3	15	-9.168E-01	-4.424E-01	3.378E-01	-4.163E+04	-3.473E+03	-1.191E+03	-2.668E-01	-1.092E+00	1.091E+00	-3.435E+03	-4.167E+04	1.602E+00
279	3	16	-9.143E-01	-4.428E-01	3.406E-01	-4.163E+04	-3.473E+03	-1.192E+03	-2.643E-01	-1.093E+00	1.088E+00	-3.436E+03	-4.167E+04	1.602E+00
279	4	1	-2.432E+00	-6.570E-02	-8.519E-01	-5.748E+04	-1.695E+04	2.056E+03	2.091E-01	-2.707E+00	1.883E+00	-1.684E+04	-5.759E+04	1.520E+00
279	4	2	-2.431E+00	-6.552E-02	-8.497E-01	-5.748E+04	-1.695E+04	2.056E+03	2.081E-01	-2.704E+00	1.882E+00	-1.684E+04	-5.759E+04	1.520E+00
279	4	3	-2.306E+00	-4.455E-01	-1.238E+00	-5.740E+04	-1.673E+04	2.045E+03	1.732E-01	-2.924E+00	2.034E+00	-1.663E+04	-5.750E+04	1.521E+00
279	4	4	-2.305E+00	-4.453E-01	-1.236E+00	-5.740E+04	-1.673E+04	2.045E+03	1.718E-01	-2.922E+00	2.034E+00	-1.663E+04	-5.750E+04	1.521E+00
279	4	5	-2.432E+00	-6.565E-02	-8.500E-01	-5.748E+04	-1.695E+04	2.054E+03	2.081E-01	-2.705E+00	1.882E+00	-1.684E+04	-5.759E+04	1.520E+00
279	4	6	-2.430E+00	-6.546E-02	-8.478E-01	-5.748E+04	-1.695E+04	2.053E+03	2.071E-01	-2.703E+00	1.882E+00	-1.684E+04	-5.759E+04	1.520E+00
279	4	7	-2.305E+00	-4.455E-01	-1.237E+00	-5.740E+04	-1.673E+04	2.043E+03	1.718E-01	-2.923E+00	2.034E+00	-1.663E+04	-5.750E+04	1.521E+00
279	4	8	-2.304E+00	-4.453E-01	-1.234E+00	-5.740E+04	-1.673E+04	2.042E+03	1.704E-01	-2.920E+00	2.034E+00	-1.663E+04	-5.750E+04	1.521E+00
279	4	9	-4.100E-01	2.376E-01	1.129E+00	-5.887E+04	-1.715E+04	1.709E+03	1.089E+00	-1.261E+00	9.250E-01	-1.708E+04	-5.894E+04	1.530E+00
279	4	10	-4.088E-01	2.378E-01	1.131E+00	-5.887E+04	-1.715E+04	1.708E+03	1.091E+00	-1.262E+00	9.246E-01	-1.708E+04	-5.894E+04	1.530E+00
279	4	11	-2.839E-01	-1.422E-01	7.427E-01	-5.879E+04	-1.693E+04	1.698E+03	5.330E-01	-9.591E-01	8.329E-01	-1.686E+04	-5.885E+04	1.530E+00
279	4	12	-2.826E-01	-1.421E-01	7.448E-01	-5.879E+04	-1.693E+04	1.698E+03	5.358E-01	-9.605E-01	8.324E-01	-1.687E+04	-5.886E+04	1.530E+00
279	4	13	-4.096E-01	2.376E-01	1.131E+00	-5.887E+04	-1.715E+04	1.707E+03	1.091E+00	-1.262E+00	9.247E-01	-1.708E+04	-5.894E+04	1.530E+00
279	4	14	-4.084E-01	2.378E-01	1.133E+00	-5.887E+04	-1.715E+04	1.706E+03	1.093E+00	-1.264E+00	9.243E-01	-1.708E+04	-5.894E+04	1.530E+00
279	4	15	-2.835E-01	-1.422E-01	7.446E-01	-5.879E+04	-1.693E+04	1.696E+03	5.351E-01	-9.608E-01	8.327E-01	-1.687E+04	-5.885E+04	1.530E+00
279	4	16	-2.822E-01	-1.420E-01	7.467E-01	-5.879E+04	-1.693E+04	1.695E+03	5.379E-01	-9.621E-01	8.322E-01	-1.687E+04	-5.885E+04	1.530E+00

280	1	1	-2.333E+00	9.264E-02	-8.566E-02	-3.975E+04	-1.331E+03	-1.067E+03	9.566E-02	-2.336E+00	1.606E+00	-1.301E+03	-3.978E+04	1.599E+00
280	1	2	-2.331E+00	9.267E-02	-8.506E-02	-3.975E+04	-1.331E+03	-1.068E+03	9.566E-02	-2.334E+00	1.606E+00	-1.301E+03	-3.978E+04	1.599E+00
280	1	3	-2.044E+00	1.055E-01	-2.238E-01	-3.968E+04	-1.332E+03	-9.840E+02	1.286E-01	-2.067E+00	1.673E+00	-1.307E+03	-3.970E+04	1.596E+00
280	1	4	-2.041E+00	1.056E-01	-2.232E-01	-3.968E+04	-1.332E+03	-9.848E+02	1.285E-01	-2.064E+00	1.673E+00	-1.307E+03	-3.970E+04	1.596E+00
280	1	5	-2.330E+00	9.258E-02	-8.498E-02	-3.975E+04	-1.331E+03	-1.070E+03	9.556E-02	-2.333E+00	1.606E+00	-1.301E+03	-3.978E+04	1.599E+00
280	1	6	-2.328E+00	9.261E-02	-8.437E-02	-3.975E+04	-1.331E+03	-1.071E+03	9.555E-02	-2.331E+00	1.606E+00	-1.301E+03	-3.978E+04	1.599E+00
280	1	7	-2.041E+00	1.055E-01	-2.232E-01	-3.968E+04	-1.332E+03	-9.866E+02	1.284E-01	-2.064E+00	1.673E+00	-1.307E+03	-3.970E+04	1.597E+00
280	1	8	-2.038E+00	1.055E-01	-2.225E-01	-3.968E+04	-1.332E+03	-9.874E+02	1.284E-01	-2.061E+00	1.673E+00	-1.307E+03	-3.970E+04	1.597E+00
280	1	9	-1.171E+00	-5.441E-02	2.271E-01	-4.077E+04	-1.485E+03	-6.335E+02	-9.988E-03	-1.215E+00	1.378E+00	-1.475E+03	-4.078E+04	1.587E+00
280	1	10	-1.168E+00	-5.438E-02	2.277E-01	-4.077E+04	-1.485E+03	-6.342E+02	-9.634E-03	-1.213E+00	1.377E+00	-1.475E+03	-4.078E+04	1.587E+00
280	1	11	-8.816E-01	-4.152E-02	8.893E-02	-4.069E+04	-1.487E+03	-5.501E+02	-3.221E-02	-8.909E-01	1.466E+00	-1.479E+03	-4.070E+04	1.585E+00
280	1	12	-8.790E-01	-4.148E-02	8.954E-02	-4.069E+04	-1.487E+03	-5.508E+02	-3.202E-02	-8.885E-01	1.465E+00	-1.479E+03	-4.070E+04	1.585E+00
280	1	13	-1.168E+00	-5.447E-02	2.278E-01	-4.077E+04	-1.485E+03	-6.361E+02	-9.676E-03	-1.213E+00	1.377E+00	-1.475E+03	-4.078E+04	1.587E+00
280	1	14	-1.165E+00	-5.444E-02	2.284E-01	-4.077E+04	-1.485E+03	-6.369E+02	-9.320E-03	-1.211E+00	1.376E+00	-1.475E+03	-4.078E+04	1.587E+00
280	1	15	-8.785E-01	-4.158E-02	8.962E-02	-4.069E+04	-1.487E+03	-5.527E+02	-3.209E-02	-8.880E-01	1.465E+00	-1.479E+03	-4.070E+04	1.585E+00
280	1	16	-8.760E-01	-4.154E-02	9.022E-02	-4.069E+04	-1.487E+03	-5.535E+02	-3.190E-02	-8.856E-01	1.464E+00	-1.479E+03	-4.070E+04	1.585E+00
280	2	1	-2.368E+00	3.226E-01	-2.137E-01	-2.535E+04	-3.904E+03	-4.293E+02	3.395E-01	-2.384E+00	1.650E+00	-3.895E+03	-2.536E+04	1.591E+00
280	2	2	-2.365E+00	3.223E-01	-2.131E-01	-2.535E+04	-3.903E+03	-4.302E+02	3.390E-01	-2.382E+00	1.649E+00	-3.895E+03	-2.536E+04	1.591E+00
280	2	3	-1.967E+00	2.876E-01	-1.403E-01	-2.531E+04	-3.888E+03	-3.340E+02	2.963E-01	-1.976E+00	1.633E+00	-3.882E+03	-2.531E+04	1.586E+00
280	2	4	-1.964E+00	2.873E-01	-1.397E-01	-2.531E+04	-3.887E+03	-3.349E+02	2.959E-01	-1.973E+00	1.633E+00	-3.882E+03	-2.531E+04	1.586E+00
280	2	5	-2.365E+00	3.220E-01	-2.130E-01	-2.535E+04	-3.903E+03	-4.320E+02	3.388E-01	-2.381E+00	1.649E+00	-3.894E+03	-2.536E+04	1.591E+00
280	2	6	-2.362E+00	3.217E-01	-2.124E-01	-2.535E+04	-3.903E+03	-4.330E+02	3.384E-01	-2.379E+00	1.649E+00	-3.894E+03	-2.536E+04	1.591E+00
280	2	7	-1.964E+00	2.870E-01	-1.396E-01	-2.531E+04	-3.887E+03	-3.367E+02	2.957E-01	-1.973E+00	1.633E+00	-3.882E+03	-2.531E+04	1.587E+00
280	2	8	-1.961E+00	2.867E-01	-1.390E-01	-2.531E+04	-3.887E+03	-3.377E+02	2.953E-01	-1.970E+00	1.632E+00	-3.881E+03	-2.531E+04	1.587E+00
280	2	9	-1.213E+00	-1.727E-01	1.959E-01	-2.668E+04	-3.781E+03	1.249E+02	-1.370E-01	-1.249E+00	1.391E+00	-3.781E+03	-2.668E+04	1.565E+00
280	2	10	-1.211E+00	-1.730E-01	1.966E-01	-2.668E+04	-3.781E+03	1.240E+02	-1.370E-01	-1.247E+00	1.390E+00	-3.780E+03	-2.668E+04	1.565E+00
280	2	11	-8.123E-01	-2.077E-01	2.694E-01	-2.663E+04	-3.765E+03	2.203E+02	-1.051E-01	-9.149E-01	1.207E+00	-3.763E+03	-2.664E+04	1.561E+00
280	2	12	-8.098E-01	-2.080E-01	2.700E-01	-2.663E+04	-3.765E+03	2.193E+02	-1.046E-01	-9.132E-01	1.205E+00	-3.763E+03	-2.664E+04	1.561E+00
280	2	13	-1.210E+00	-1.732E-01	1.966E-01	-2.668E+04	-3.781E+03	1.222E+02	-1.372E-01	-1.246E+00	1.390E+00	-3.780E+03	-2.668E+04	1.565E+00
280	2	14	-1.208E+00	-1.736E-01	1.972E-01	-2.668E+04	-3.780E+03	1.212E+02	-1.372E-01	-1.244E+00	1.389E+00	-3.780E+03	-2.668E+04	1.566E+00
280	2	15	-8.093E-01	-2.082E-01	2.700E-01	-2.664E+04	-3.765E+03	2.175E+02	-1.048E-01	-9.128E-01	1.205E+00	-3.763E+03	-2.664E+04	1.561E+00
280	2	16	-8.068E-01	-2.086E-01	2.707E-01	-2.664E+04	-3.764E+03	2.166E+02	-1.043E-01	-9.111E-01	1.203E+00	-3.762E+03	-2.664E+04	1.561E+00
280	3	1	-2.436E+00	1.598E-01	-9.358E-02	-3.983E+04	-4.534E+02	2.739E+03	1.631E-01	-2.439E+00	1.607E+00	-2.638E+02	-4.002E+04	1.502E+00
280	3	2	-2.433E+00	1.598E-01	-9.297E-02	-3.983E+04	-4.537E+02	2.739E+03	1.631E-01	-2.437E+00	1.607E+00	-2.641E+02	-4.002E+04	1.502E+00
280	3	3	-1.924E+00	7.273E-02	-2.318E-01	-3.972E+04	-3.963E+02	2.804E+03	9.929E-02	-1.951E+00	1.685E+00	-1.974E+02	-3.992E+04	1.500E+00
280	3	4	-1.922E+00	7.275E-02	-2.312E-01	-3.972E+04	-3.966E+02	2.803E+03	9.921E-02	-1.948E+00	1.685E+00	-1.978E+02	-3.992E+04	1.500E+00
280	3	5	-2.433E+00	1.597E-01	-9.288E-02	-3.983E+04	-4.536E+02	2.737E+03	1.630E-01	-2.436E+00	1.607E+00	-2.643E+02	-4.002E+04	1.502E+00
280	3	6	-2.430E+00	1.597E-01	-9.226E-02	-3.983E+04	-4.539E+02	2.736E+03	1.630E-01	-2.434E+00	1.606E+00	-2.647E+02	-4.002E+04	1.502E+00
280	3	7	-1.921E+00	7.268E-02	-2.311E-01	-3.972E+04	-3.965E+02	2.801E+03	9.912E-02	-1.948E+00	1.685E+00	-1.980E+02	-3.992E+04	1.500E+00
280	3	8	-1.919E+00	7.270E-02	-2.305E-01	-3.973E+04	-3.967E+02	2.800E+03	9.904E-02	-1.945E+00	1.685E+00	-1.983E+02	-3.992E+04	1.500E+00
280	3	9	-1.234E+00	-4.706E-02	2.321E-01	-4.081E+04	-5.352E+02	3.175E+03	-3.294E-03	-1.278E+00	1.384E+00	-2.864E+02	-4.106E+04	1.493E+00
280	3	10	-1.231E+00	-4.704E-02	2.327E-01	-4.081E+04	-5.354E+02	3.174E+03	-2.957E-03	-1.275E+00	1.384E+00	-2.868E+02	-4.106E+04	1.493E+00
280	3	11	-7.221E-01	-1.341E-01	9.381E-02	-4.070E+04	-4.780E+02	3.239E+03	-1.195E-01	-7.367E-01	1.416E+00	-2.188E+02	-4.096E+04	1.491E+00

280	3	12	-7.195E-01	-1.341E-01	9.443E-02	-4.070E+04	-4.783E+02	3.239E+03	-1.192E-01	-7.344E-01	1.415E+00	-2.192E+02	-4.096E+04	1.491E+00
280	3	13	-1.231E+00	-4.711E-02	2.328E-01	-4.081E+04	-5.354E+02	3.172E+03	-2.981E-03	-1.275E+00	1.383E+00	-2.870E+02	-4.106E+04	1.493E+00
280	3	14	-1.228E+00	-4.709E-02	2.334E-01	-4.081E+04	-5.356E+02	3.171E+03	-2.641E-03	-1.273E+00	1.383E+00	-2.874E+02	-4.106E+04	1.493E+00
280	3	15	-7.191E-01	-1.342E-01	9.452E-02	-4.070E+04	-4.782E+02	3.237E+03	-1.193E-01	-7.340E-01	1.415E+00	-2.195E+02	-4.096E+04	1.491E+00
280	3	16	-7.165E-01	-1.341E-01	9.514E-02	-4.071E+04	-4.785E+02	3.236E+03	-1.190E-01	-7.317E-01	1.413E+00	-2.199E+02	-4.096E+04	1.491E+00
280	4	1	-2.399E+00	-8.989E-02	9.596E-03	-5.433E+04	1.022E+03	3.235E+02	-8.985E-02	-2.399E+00	1.567E+00	1.023E+03	-5.434E+04	1.565E+00
280	4	2	-2.397E+00	-8.950E-02	1.019E-02	-5.433E+04	1.021E+03	3.227E+02	-8.946E-02	-2.397E+00	1.566E+00	1.023E+03	-5.434E+04	1.565E+00
280	4	3	-1.999E+00	-1.290E-01	-3.402E-01	-5.420E+04	1.073E+03	3.021E+02	-6.906E-02	-2.059E+00	1.745E+00	1.074E+03	-5.420E+04	1.565E+00
280	4	4	-1.996E+00	-1.287E-01	-3.396E-01	-5.420E+04	1.072E+03	3.013E+02	-6.881E-02	-2.056E+00	1.745E+00	1.074E+03	-5.420E+04	1.565E+00
280	4	5	-2.396E+00	-8.944E-02	1.031E-02	-5.433E+04	1.021E+03	3.209E+02	-8.939E-02	-2.396E+00	1.566E+00	1.023E+03	-5.434E+04	1.565E+00
280	4	6	-2.394E+00	-8.905E-02	1.091E-02	-5.433E+04	1.020E+03	3.200E+02	-8.900E-02	-2.394E+00	1.566E+00	1.022E+03	-5.434E+04	1.565E+00
280	4	7	-1.996E+00	-1.286E-01	-3.395E-01	-5.420E+04	1.072E+03	2.995E+02	-6.877E-02	-2.056E+00	1.745E+00	1.074E+03	-5.420E+04	1.565E+00
280	4	8	-1.993E+00	-1.282E-01	-3.389E-01	-5.420E+04	1.071E+03	2.986E+02	-6.852E-02	-2.053E+00	1.745E+00	1.073E+03	-5.420E+04	1.565E+00
280	4	9	-1.194E+00	9.092E-02	2.881E-01	-5.501E+04	6.268E+02	7.827E+02	1.526E-01	-1.256E+00	1.360E+00	6.378E+02	-5.502E+04	1.557E+00
280	4	10	-1.191E+00	9.130E-02	2.887E-01	-5.501E+04	6.263E+02	7.819E+02	1.533E-01	-1.253E+00	1.359E+00	6.372E+02	-5.502E+04	1.557E+00
280	4	11	-7.935E-01	5.177E-02	-6.176E-02	-5.487E+04	6.780E+02	7.613E+02	5.625E-02	-7.980E-01	1.643E+00	6.884E+02	-5.488E+04	1.557E+00
280	4	12	-7.909E-01	5.215E-02	-6.116E-02	-5.487E+04	6.774E+02	7.605E+02	5.657E-02	-7.953E-01	1.643E+00	6.878E+02	-5.488E+04	1.557E+00
280	4	13	-1.191E+00	9.137E-02	2.888E-01	-5.501E+04	6.261E+02	7.801E+02	1.534E-01	-1.253E+00	1.359E+00	6.370E+02	-5.502E+04	1.557E+00
280	4	14	-1.188E+00	9.176E-02	2.894E-01	-5.501E+04	6.255E+02	7.792E+02	1.541E-01	-1.251E+00	1.358E+00	6.365E+02	-5.502E+04	1.557E+00
280	4	15	-7.905E-01	5.222E-02	-6.104E-02	-5.487E+04	6.773E+02	7.587E+02	5.662E-02	-7.949E-01	1.643E+00	6.876E+02	-5.488E+04	1.557E+00
280	4	16	-7.879E-01	5.261E-02	-6.044E-02	-5.487E+04	6.767E+02	7.578E+02	5.694E-02	-7.922E-01	1.642E+00	6.870E+02	-5.488E+04	1.557E+00
281	1	1	-7.835E-01	-1.188E-01	8.430E-02	-4.070E+04	-4.839E+02	3.167E+03	-1.083E-01	-7.941E-01	1.447E+00	-2.360E+02	-4.095E+04	1.493E+00
281	1	2	-7.810E-01	-1.188E-01	8.492E-02	-4.070E+04	-4.842E+02	3.167E+03	-1.081E-01	-7.917E-01	1.445E+00	-2.364E+02	-4.095E+04	1.493E+00
281	1	3	-1.207E+00	-6.528E-02	2.171E-01	-4.078E+04	-5.048E+02	3.144E+03	-2.541E-02	-1.247E+00	1.389E+00	-2.607E+02	-4.102E+04	1.493E+00
281	1	4	-1.205E+00	-6.526E-02	2.177E-01	-4.078E+04	-5.050E+02	3.144E+03	-2.508E-02	-1.245E+00	1.388E+00	-2.611E+02	-4.102E+04	1.493E+00
281	1	5	-7.800E-01	-1.185E-01	8.494E-02	-4.070E+04	-4.843E+02	3.164E+03	-1.077E-01	-7.908E-01	1.445E+00	-2.370E+02	-4.095E+04	1.493E+00
281	1	6	-7.775E-01	-1.184E-01	8.556E-02	-4.070E+04	-4.846E+02	3.163E+03	-1.075E-01	-7.884E-01	1.444E+00	-2.373E+02	-4.095E+04	1.493E+00
281	1	7	-1.204E+00	-6.491E-02	2.177E-01	-4.078E+04	-5.051E+02	3.141E+03	-2.470E-02	-1.244E+00	1.388E+00	-2.617E+02	-4.102E+04	1.493E+00
281	1	8	-1.201E+00	-6.489E-02	2.184E-01	-4.078E+04	-5.054E+02	3.140E+03	-2.437E-02	-1.242E+00	1.387E+00	-2.620E+02	-4.102E+04	1.493E+00
281	1	9	-1.853E+00	8.400E-02	-2.242E-01	-3.979E+04	-4.356E+02	2.821E+03	1.096E-01	-1.878E+00	1.685E+00	-2.344E+02	-3.999E+04	1.500E+00
281	1	10	-1.850E+00	8.403E-02	-2.235E-01	-3.979E+04	-4.359E+02	2.820E+03	1.095E-01	-1.876E+00	1.684E+00	-2.348E+02	-3.999E+04	1.500E+00
281	1	11	-2.276E+00	1.376E-01	-9.136E-02	-3.986E+04	-4.564E+02	2.798E+03	1.410E-01	-2.280E+00	1.609E+00	-2.588E+02	-4.006E+04	1.500E+00
281	1	12	-2.274E+00	1.376E-01	-9.074E-02	-3.986E+04	-4.567E+02	2.797E+03	1.410E-01	-2.277E+00	1.608E+00	-2.591E+02	-4.006E+04	1.500E+00
281	1	13	-1.849E+00	8.438E-02	-2.235E-01	-3.979E+04	-4.360E+02	2.817E+03	1.099E-01	-1.875E+00	1.684E+00	-2.353E+02	-3.999E+04	1.500E+00
281	1	14	-1.847E+00	8.440E-02	-2.229E-01	-3.979E+04	-4.362E+02	2.817E+03	1.098E-01	-1.872E+00	1.684E+00	-2.357E+02	-3.999E+04	1.500E+00
281	1	15	-2.273E+00	1.379E-01	-9.072E-02	-3.987E+04	-4.568E+02	2.794E+03	1.413E-01	-2.276E+00	1.608E+00	-2.596E+02	-4.006E+04	1.500E+00
281	1	16	-2.270E+00	1.379E-01	-9.010E-02	-3.987E+04	-4.571E+02	2.794E+03	1.413E-01	-2.274E+00	1.608E+00	-2.600E+02	-4.006E+04	1.500E+00
281	2	1	-8.549E-01	3.188E-02	-6.844E-02	-5.490E+04	6.837E+02	7.350E+02	3.714E-02	-8.601E-01	1.647E+00	6.934E+02	-5.491E+04	1.558E+00
281	2	2	-8.523E-01	3.227E-02	-6.785E-02	-5.490E+04	6.832E+02	7.343E+02	3.745E-02	-8.575E-01	1.647E+00	6.929E+02	-5.490E+04	1.558E+00
281	2	3	-1.198E+00	8.672E-02	2.115E-01	-5.499E+04	6.637E+02	7.267E+02	1.206E-01	-1.232E+00	1.412E+00	6.732E+02	-5.500E+04	1.558E+00
281	2	4	-1.195E+00	8.711E-02	2.121E-01	-5.499E+04	6.632E+02	7.260E+02	1.213E-01	-1.229E+00	1.411E+00	6.727E+02	-5.500E+04	1.558E+00
281	2	5	-8.511E-01	3.245E-02	-6.734E-02	-5.490E+04	6.827E+02	7.314E+02	3.755E-02	-8.562E-01	1.646E+00	6.923E+02	-5.491E+04	1.558E+00
281	2	6	-8.485E-01	3.284E-02	-6.675E-02	-5.490E+04	6.822E+02	7.307E+02	3.786E-02	-8.536E-01	1.646E+00	6.918E+02	-5.491E+04	1.558E+00

281	2	7	-1.194E+00	8.729E-02	2.126E-01	-5.499E+04	6.627E+02	7.231E+02	1.216E-01	-1.228E+00	1.411E+00	6.721E+02	-5.500E+04	1.558E+00
281	2	8	-1.192E+00	8.768E-02	2.132E-01	-5.499E+04	6.622E+02	7.224E+02	1.223E-01	-1.226E+00	1.410E+00	6.716E+02	-5.500E+04	1.558E+00
281	2	9	-1.905E+00	-1.256E-01	-2.872E-01	-5.423E+04	1.028E+03	3.551E+02	-8.044E-02	-1.950E+00	1.727E+00	1.030E+03	-5.423E+04	1.564E+00
281	2	10	-1.903E+00	-1.253E-01	-2.866E-01	-5.423E+04	1.027E+03	3.544E+02	-8.018E-02	-1.948E+00	1.727E+00	1.030E+03	-5.423E+04	1.564E+00
281	2	11	-2.248E+00	-7.081E-02	-7.313E-03	-5.432E+04	1.008E+03	3.468E+02	-7.078E-02	-2.248E+00	1.574E+00	1.010E+03	-5.433E+04	1.565E+00
281	2	12	-2.246E+00	-7.042E-02	-6.719E-03	-5.432E+04	1.007E+03	3.461E+02	-7.040E-02	-2.246E+00	1.574E+00	1.010E+03	-5.433E+04	1.565E+00
281	2	13	-1.901E+00	-1.251E-01	-2.861E-01	-5.423E+04	1.027E+03	3.515E+02	-8.013E-02	-1.946E+00	1.727E+00	1.029E+03	-5.423E+04	1.564E+00
281	2	14	-1.899E+00	-1.247E-01	-2.855E-01	-5.423E+04	1.026E+03	3.508E+02	-7.987E-02	-1.944E+00	1.727E+00	1.029E+03	-5.423E+04	1.564E+00
281	2	15	-2.244E+00	-7.024E-02	-6.212E-03	-5.432E+04	1.007E+03	3.432E+02	-7.022E-02	-2.244E+00	1.574E+00	1.009E+03	-5.433E+04	1.565E+00
281	2	16	-2.242E+00	-6.985E-02	-5.617E-03	-5.432E+04	1.006E+03	3.425E+02	-6.984E-02	-2.242E+00	1.573E+00	1.008E+03	-5.433E+04	1.565E+00
281	3	1	-9.420E-01	-3.928E-02	8.010E-02	-4.068E+04	-1.485E+03	-6.152E+02	-3.223E-02	-9.490E-01	1.483E+00	-1.475E+03	-4.069E+04	1.586E+00
281	3	2	-9.394E-01	-3.925E-02	8.070E-02	-4.068E+04	-1.485E+03	-6.159E+02	-3.207E-02	-9.466E-01	1.482E+00	-1.475E+03	-4.069E+04	1.587E+00
281	3	3	-1.210E+00	-5.555E-02	2.115E-01	-4.074E+04	-1.485E+03	-6.486E+02	-1.805E-02	-1.248E+00	1.395E+00	-1.474E+03	-4.075E+04	1.587E+00
281	3	4	-1.208E+00	-5.552E-02	2.121E-01	-4.074E+04	-1.485E+03	-6.493E+02	-1.773E-02	-1.246E+00	1.394E+00	-1.474E+03	-4.075E+04	1.587E+00
281	3	5	-9.380E-01	-3.913E-02	8.073E-02	-4.068E+04	-1.485E+03	-6.188E+02	-3.194E-02	-9.452E-01	1.482E+00	-1.475E+03	-4.069E+04	1.587E+00
281	3	6	-9.354E-01	-3.910E-02	8.134E-02	-4.068E+04	-1.485E+03	-6.194E+02	-3.178E-02	-9.427E-01	1.481E+00	-1.475E+03	-4.069E+04	1.587E+00
281	3	7	-1.206E+00	-5.539E-02	2.121E-01	-4.074E+04	-1.485E+03	-6.521E+02	-1.756E-02	-1.244E+00	1.394E+00	-1.474E+03	-4.076E+04	1.587E+00
281	3	8	-1.204E+00	-5.536E-02	2.127E-01	-4.074E+04	-1.485E+03	-6.528E+02	-1.724E-02	-1.242E+00	1.393E+00	-1.474E+03	-4.076E+04	1.587E+00
281	3	9	-1.923E+00	1.074E-01	-2.156E-01	-3.973E+04	-1.331E+03	-9.788E+02	1.300E-01	-1.946E+00	1.675E+00	-1.306E+03	-3.975E+04	1.596E+00
281	3	10	-1.921E+00	1.074E-01	-2.150E-01	-3.973E+04	-1.331E+03	-9.795E+02	1.300E-01	-1.943E+00	1.675E+00	-1.306E+03	-3.975E+04	1.596E+00
281	3	11	-2.192E+00	9.114E-02	-8.421E-02	-3.979E+04	-1.331E+03	-1.012E+03	9.424E-02	-2.195E+00	1.608E+00	-1.305E+03	-3.981E+04	1.597E+00
281	3	12	-2.189E+00	9.117E-02	-8.361E-02	-3.979E+04	-1.331E+03	-1.013E+03	9.423E-02	-2.192E+00	1.607E+00	-1.305E+03	-3.981E+04	1.597E+00
281	3	13	-1.919E+00	1.076E-01	-2.149E-01	-3.973E+04	-1.331E+03	-9.823E+02	1.301E-01	-1.942E+00	1.675E+00	-1.306E+03	-3.975E+04	1.596E+00
281	3	14	-1.917E+00	1.076E-01	-2.143E-01	-3.973E+04	-1.331E+03	-9.830E+02	1.300E-01	-1.939E+00	1.675E+00	-1.306E+03	-3.975E+04	1.596E+00
281	3	15	-2.188E+00	9.129E-02	-8.358E-02	-3.979E+04	-1.331E+03	-1.016E+03	9.435E-02	-2.191E+00	1.607E+00	-1.304E+03	-3.982E+04	1.597E+00
281	3	16	-2.185E+00	9.132E-02	-8.297E-02	-3.979E+04	-1.331E+03	-1.016E+03	9.434E-02	-2.188E+00	1.607E+00	-1.304E+03	-3.982E+04	1.597E+00
281	4	1	-8.719E-01	-1.837E-01	2.452E-01	-2.660E+04	-3.780E+03	1.496E+02	-1.053E-01	-9.503E-01	1.261E+00	-3.779E+03	-2.660E+04	1.564E+00
281	4	2	-8.694E-01	-1.840E-01	2.458E-01	-2.660E+04	-3.780E+03	1.488E+02	-1.050E-01	-9.484E-01	1.260E+00	-3.779E+03	-2.660E+04	1.564E+00
281	4	3	-1.221E+00	-2.012E-01	2.294E-01	-2.664E+04	-3.786E+03	1.152E+02	-1.520E-01	-1.270E+00	1.359E+00	-3.786E+03	-2.664E+04	1.566E+00
281	4	4	-1.218E+00	-2.016E-01	2.301E-01	-2.664E+04	-3.786E+03	1.144E+02	-1.519E-01	-1.268E+00	1.358E+00	-3.786E+03	-2.664E+04	1.566E+00
281	4	5	-8.682E-01	-1.837E-01	2.454E-01	-2.660E+04	-3.780E+03	1.457E+02	-1.049E-01	-9.470E-01	1.260E+00	-3.779E+03	-2.660E+04	1.564E+00
281	4	6	-8.657E-01	-1.840E-01	2.460E-01	-2.660E+04	-3.780E+03	1.448E+02	-1.045E-01	-9.452E-01	1.258E+00	-3.779E+03	-2.660E+04	1.564E+00
281	4	7	-1.217E+00	-2.013E-01	2.296E-01	-2.664E+04	-3.786E+03	1.113E+02	-1.518E-01	-1.267E+00	1.359E+00	-3.785E+03	-2.664E+04	1.566E+00
281	4	8	-1.215E+00	-2.016E-01	2.302E-01	-2.664E+04	-3.786E+03	1.105E+02	-1.517E-01	-1.265E+00	1.358E+00	-3.785E+03	-2.664E+04	1.566E+00
281	4	9	-1.870E+00	3.107E-01	-1.648E-01	-2.539E+04	-3.884E+03	-3.229E+02	3.231E-01	-1.882E+00	1.646E+00	-3.879E+03	-2.539E+04	1.586E+00
281	4	10	-1.867E+00	3.104E-01	-1.642E-01	-2.539E+04	-3.884E+03	-3.237E+02	3.227E-01	-1.879E+00	1.646E+00	-3.879E+03	-2.540E+04	1.586E+00
281	4	11	-2.219E+00	2.932E-01	-1.806E-01	-2.543E+04	-3.890E+03	-3.573E+02	3.061E-01	-2.232E+00	1.642E+00	-3.884E+03	-2.544E+04	1.587E+00
281	4	12	-2.216E+00	2.928E-01	-1.800E-01	-2.543E+04	-3.890E+03	-3.581E+02	3.057E-01	-2.229E+00	1.642E+00	-3.884E+03	-2.544E+04	1.587E+00
281	4	13	-1.866E+00	3.107E-01	-1.647E-01	-2.539E+04	-3.883E+03	-3.268E+02	3.231E-01	-1.878E+00	1.646E+00	-3.878E+03	-2.540E+04	1.586E+00
281	4	14	-1.863E+00	3.104E-01	-1.640E-01	-2.539E+04	-3.883E+03	-3.277E+02	3.227E-01	-1.876E+00	1.646E+00	-3.878E+03	-2.540E+04	1.586E+00
281	4	15	-2.215E+00	2.931E-01	-1.804E-01	-2.543E+04	-3.889E+03	-3.612E+02	3.060E-01	-2.228E+00	1.642E+00	-3.883E+03	-2.544E+04	1.588E+00
281	4	16	-2.212E+00	2.928E-01	-1.798E-01	-2.543E+04	-3.889E+03	-3.620E+02	3.056E-01	-2.225E+00	1.642E+00	-3.883E+03	-2.544E+04	1.588E+00
282	1	1	-9.818E-01	-4.222E-01	2.396E-01	-4.163E+04	-3.536E+03	-1.216E+03	-3.336E-01	-1.070E+00	1.217E+00	-3.497E+03	-4.166E+04	1.603E+00

282	1	2	-9.794E-01	-4.226E-01	2.424E-01	-4.163E+04	-3.537E+03	-1.217E+03	-3.319E-01	-1.070E+00	1.213E+00	-3.498E+03	-4.167E+04	1.603E+00
282	1	3	-1.221E+00	-2.452E-01	5.070E-01	-4.169E+04	-3.586E+03	-1.246E+03	-2.955E-02	-1.437E+00	1.169E+00	-3.545E+03	-4.174E+04	1.603E+00
282	1	4	-1.219E+00	-2.457E-01	5.098E-01	-4.170E+04	-3.586E+03	-1.247E+03	-2.751E-02	-1.437E+00	1.166E+00	-3.546E+03	-4.174E+04	1.603E+00
282	1	5	-9.778E-01	-4.218E-01	2.441E-01	-4.163E+04	-3.537E+03	-1.220E+03	-3.299E-01	-1.070E+00	1.211E+00	-3.498E+03	-4.167E+04	1.603E+00
282	1	6	-9.753E-01	-4.223E-01	2.469E-01	-4.163E+04	-3.538E+03	-1.221E+03	-3.281E-01	-1.070E+00	1.206E+00	-3.499E+03	-4.167E+04	1.603E+00
282	1	7	-1.217E+00	-2.449E-01	5.115E-01	-4.170E+04	-3.587E+03	-1.249E+03	-2.537E-02	-1.437E+00	1.165E+00	-3.546E+03	-4.174E+04	1.604E+00
282	1	8	-1.215E+00	-2.453E-01	5.143E-01	-4.170E+04	-3.587E+03	-1.250E+03	-2.332E-02	-1.437E+00	1.163E+00	-3.547E+03	-4.174E+04	1.604E+00
282	1	9	-1.943E+00	9.601E-02	-9.150E-01	-4.074E+04	-4.048E+03	-1.616E+03	4.465E-01	-2.293E+00	1.937E+00	-3.977E+03	-4.081E+04	1.615E+00
282	1	10	-1.940E+00	9.560E-02	-9.123E-01	-4.074E+04	-4.049E+03	-1.616E+03	4.446E-01	-2.289E+00	1.936E+00	-3.977E+03	-4.081E+04	1.615E+00
282	1	11	-2.182E+00	2.730E-01	-6.476E-01	-4.080E+04	-4.098E+03	-1.645E+03	4.333E-01	-2.342E+00	1.814E+00	-4.024E+03	-4.088E+04	1.615E+00
282	1	12	-2.179E+00	2.725E-01	-6.448E-01	-4.080E+04	-4.098E+03	-1.646E+03	4.318E-01	-2.339E+00	1.813E+00	-4.025E+03	-4.088E+04	1.616E+00
282	1	13	-1.938E+00	9.636E-02	-9.105E-01	-4.074E+04	-4.049E+03	-1.619E+03	4.443E-01	-2.286E+00	1.936E+00	-3.978E+03	-4.081E+04	1.615E+00
282	1	14	-1.936E+00	9.595E-02	-9.078E-01	-4.074E+04	-4.050E+03	-1.620E+03	4.424E-01	-2.282E+00	1.935E+00	-3.978E+03	-4.081E+04	1.615E+00
282	1	15	-2.178E+00	2.733E-01	-6.431E-01	-4.081E+04	-4.099E+03	-1.649E+03	4.318E-01	-2.336E+00	1.812E+00	-4.025E+03	-4.088E+04	1.616E+00
282	1	16	-2.175E+00	2.729E-01	-6.403E-01	-4.081E+04	-4.099E+03	-1.649E+03	4.303E-01	-2.333E+00	1.812E+00	-4.025E+03	-4.088E+04	1.616E+00
282	2	1	-2.985E-01	-1.724E-01	6.646E-01	-5.879E+04	-1.698E+04	-1.959E+03	4.321E-01	-9.031E-01	8.327E-01	-1.689E+04	-5.888E+04	1.618E+00
282	2	2	-2.973E-01	-1.723E-01	6.668E-01	-5.879E+04	-1.698E+04	-1.959E+03	4.350E-01	-9.045E-01	8.321E-01	-1.688E+04	-5.888E+04	1.618E+00
282	2	3	-4.686E-01	2.505E-01	1.022E+00	-5.887E+04	-1.711E+04	-1.952E+03	9.745E-01	-1.193E+00	9.545E-01	-1.702E+04	-5.896E+04	1.617E+00
282	2	4	-4.673E-01	2.507E-01	1.024E+00	-5.887E+04	-1.711E+04	-1.952E+03	9.771E-01	-1.194E+00	9.539E-01	-1.702E+04	-5.896E+04	1.617E+00
282	2	5	-2.954E-01	-1.720E-01	6.686E-01	-5.879E+04	-1.698E+04	-1.962E+03	4.378E-01	-9.052E-01	8.314E-01	-1.688E+04	-5.888E+04	1.618E+00
282	2	6	-2.942E-01	-1.718E-01	6.708E-01	-5.879E+04	-1.698E+04	-1.962E+03	4.406E-01	-9.065E-01	8.309E-01	-1.688E+04	-5.888E+04	1.618E+00
282	2	7	-4.654E-01	2.510E-01	1.026E+00	-5.887E+04	-1.711E+04	-1.955E+03	9.796E-01	-1.194E+00	9.533E-01	-1.702E+04	-5.896E+04	1.617E+00
282	2	8	-4.642E-01	2.512E-01	1.028E+00	-5.887E+04	-1.711E+04	-1.955E+03	9.822E-01	-1.195E+00	9.528E-01	-1.702E+04	-5.896E+04	1.617E+00
282	2	9	-2.210E+00	-4.591E-01	-1.151E+00	-5.740E+04	-1.678E+04	-1.794E+03	1.113E-01	-2.780E+00	2.031E+00	-1.670E+04	-5.748E+04	1.615E+00
282	2	10	-2.208E+00	-4.589E-01	-1.148E+00	-5.740E+04	-1.678E+04	-1.795E+03	1.100E-01	-2.777E+00	2.031E+00	-1.670E+04	-5.748E+04	1.615E+00
282	2	11	-2.380E+00	-3.616E-02	-7.931E-01	-5.749E+04	-1.691E+04	-1.788E+03	2.070E-01	-2.623E+00	1.868E+00	-1.684E+04	-5.756E+04	1.615E+00
282	2	12	-2.378E+00	-3.598E-02	-7.909E-01	-5.749E+04	-1.691E+04	-1.788E+03	2.061E-01	-2.620E+00	1.868E+00	-1.684E+04	-5.756E+04	1.615E+00
282	2	13	-2.207E+00	-4.586E-01	-1.147E+00	-5.740E+04	-1.678E+04	-1.798E+03	1.091E-01	-2.774E+00	2.031E+00	-1.670E+04	-5.748E+04	1.615E+00
282	2	14	-2.205E+00	-4.585E-01	-1.144E+00	-5.740E+04	-1.678E+04	-1.798E+03	1.078E-01	-2.772E+00	2.030E+00	-1.670E+04	-5.748E+04	1.615E+00
282	2	15	-2.377E+00	-3.570E-02	-7.891E-01	-5.749E+04	-1.691E+04	-1.791E+03	2.055E-01	-2.618E+00	1.867E+00	-1.684E+04	-5.757E+04	1.615E+00
282	2	16	-2.375E+00	-3.551E-02	-7.869E-01	-5.749E+04	-1.691E+04	-1.791E+03	2.045E-01	-2.615E+00	1.867E+00	-1.684E+04	-5.757E+04	1.615E+00
282	3	1	5.045E-01	-8.270E-01	3.177E-01	-4.021E+04	-2.132E+04	-1.240E+03	5.764E-01	-8.989E-01	2.226E-01	-2.124E+04	-4.029E+04	1.636E+00
282	3	2	5.045E-01	-8.266E-01	3.205E-01	-4.021E+04	-2.132E+04	-1.241E+03	5.777E-01	-8.997E-01	2.244E-01	-2.124E+04	-4.029E+04	1.636E+00
282	3	3	4.924E-01	-7.314E-01	6.449E-01	-4.023E+04	-2.138E+04	-1.323E+03	7.695E-01	-1.008E+00	4.058E-01	-2.128E+04	-4.032E+04	1.641E+00
282	3	4	4.925E-01	-7.309E-01	6.477E-01	-4.023E+04	-2.138E+04	-1.324E+03	7.717E-01	-1.010E+00	4.070E-01	-2.128E+04	-4.032E+04	1.641E+00
282	3	5	5.066E-01	-8.260E-01	3.221E-01	-4.021E+04	-2.132E+04	-1.243E+03	5.804E-01	-8.998E-01	2.252E-01	-2.124E+04	-4.029E+04	1.636E+00
282	3	6	5.067E-01	-8.256E-01	3.249E-01	-4.021E+04	-2.132E+04	-1.244E+03	5.817E-01	-9.006E-01	2.269E-01	-2.124E+04	-4.029E+04	1.636E+00
282	3	7	4.946E-01	-7.304E-01	6.494E-01	-4.023E+04	-2.138E+04	-1.326E+03	7.747E-01	-1.011E+00	4.073E-01	-2.128E+04	-4.032E+04	1.641E+00
282	3	8	4.946E-01	-7.299E-01	6.522E-01	-4.023E+04	-2.138E+04	-1.327E+03	7.769E-01	-1.012E+00	4.085E-01	-2.128E+04	-4.032E+04	1.641E+00
282	3	9	-2.648E+00	2.216E-01	-1.028E+00	-3.872E+04	-2.092E+04	-1.490E+03	5.517E-01	-2.978E+00	1.882E+00	-2.080E+04	-3.884E+04	1.654E+00
282	3	10	-2.648E+00	2.220E-01	-1.025E+00	-3.872E+04	-2.092E+04	-1.491E+03	5.505E-01	-2.976E+00	1.881E+00	-2.079E+04	-3.884E+04	1.654E+00
282	3	11	-2.660E+00	3.172E-01	-7.005E-01	-3.874E+04	-2.098E+04	-1.574E+03	4.738E-01	-2.816E+00	1.791E+00	-2.084E+04	-3.888E+04	1.658E+00
282	3	12	-2.660E+00	3.177E-01	-6.977E-01	-3.874E+04	-2.097E+04	-1.574E+03	4.731E-01	-2.815E+00	1.790E+00	-2.084E+04	-3.888E+04	1.658E+00

282	3	13	-2.646E+00	2.226E-01	-1.023E+00	-3.872E+04	-2.092E+04	-1.493E+03	5.502E-01	-2.973E+00	1.881E+00	-2.079E+04	-3.885E+04	1.654E+00
282	3	14	-2.645E+00	2.231E-01	-1.020E+00	-3.872E+04	-2.092E+04	-1.494E+03	5.490E-01	-2.971E+00	1.880E+00	-2.079E+04	-3.885E+04	1.654E+00
282	3	15	-2.658E+00	3.183E-01	-6.960E-01	-3.874E+04	-2.098E+04	-1.577E+03	4.730E-01	-2.812E+00	1.790E+00	-2.084E+04	-3.888E+04	1.659E+00
282	3	16	-2.658E+00	3.187E-01	-6.932E-01	-3.874E+04	-2.097E+04	-1.577E+03	4.723E-01	-2.811E+00	1.789E+00	-2.084E+04	-3.888E+04	1.659E+00
282	4	1	-1.905E-01	-9.904E-01	-8.570E-02	-2.044E+04	-1.564E+04	-1.923E+03	-1.814E-01	-9.995E-01	-1.055E-01	-1.496E+04	-2.112E+04	1.908E+00
282	4	2	-1.892E-01	-9.905E-01	-8.227E-02	-2.044E+04	-1.564E+04	-1.924E+03	-1.808E-01	-9.989E-01	-1.013E-01	-1.496E+04	-2.112E+04	1.908E+00
282	4	3	-2.719E-01	-1.141E+00	1.514E-01	-2.044E+04	-1.563E+04	-1.974E+03	-2.463E-01	-1.166E+00	1.677E-01	-1.492E+04	-2.115E+04	1.914E+00
282	4	4	-2.706E-01	-1.141E+00	1.548E-01	-2.045E+04	-1.563E+04	-1.975E+03	-2.439E-01	-1.168E+00	1.709E-01	-1.492E+04	-2.115E+04	1.914E+00
282	4	5	-1.874E-01	-9.895E-01	-8.072E-02	-2.045E+04	-1.564E+04	-1.927E+03	-1.794E-01	-9.975E-01	-9.931E-02	-1.496E+04	-2.112E+04	1.909E+00
282	4	6	-1.861E-01	-9.896E-01	-7.729E-02	-2.045E+04	-1.564E+04	-1.928E+03	-1.788E-01	-9.970E-01	-9.503E-02	-1.496E+04	-2.112E+04	1.909E+00
282	4	7	-2.689E-01	-1.140E+00	1.564E-01	-2.045E+04	-1.563E+04	-1.978E+03	-2.416E-01	-1.167E+00	1.724E-01	-1.492E+04	-2.116E+04	1.915E+00
282	4	8	-2.676E-01	-1.140E+00	1.598E-01	-2.045E+04	-1.563E+04	-1.979E+03	-2.392E-01	-1.168E+00	1.756E-01	-1.492E+04	-2.116E+04	1.915E+00
282	4	9	-2.369E+00	6.903E-01	-8.138E-01	-1.949E+04	-1.615E+04	-2.269E+03	8.933E-01	-2.572E+00	1.815E+00	-1.500E+04	-2.064E+04	2.039E+00
282	4	10	-2.368E+00	6.902E-01	-8.104E-01	-1.949E+04	-1.615E+04	-2.270E+03	8.917E-01	-2.569E+00	1.814E+00	-1.500E+04	-2.064E+04	2.039E+00
282	4	11	-2.450E+00	5.400E-01	-5.767E-01	-1.949E+04	-1.614E+04	-2.321E+03	6.473E-01	-2.558E+00	1.755E+00	-1.495E+04	-2.068E+04	2.044E+00
282	4	12	-2.449E+00	5.398E-01	-5.733E-01	-1.949E+04	-1.614E+04	-2.322E+03	6.460E-01	-2.555E+00	1.754E+00	-1.495E+04	-2.068E+04	2.044E+00
282	4	13	-2.366E+00	6.912E-01	-8.088E-01	-1.949E+04	-1.615E+04	-2.273E+03	8.920E-01	-2.567E+00	1.814E+00	-1.500E+04	-2.064E+04	2.039E+00
282	4	14	-2.365E+00	6.911E-01	-8.054E-01	-1.949E+04	-1.615E+04	-2.274E+03	8.904E-01	-2.564E+00	1.813E+00	-1.500E+04	-2.064E+04	2.039E+00
282	4	15	-2.447E+00	5.409E-01	-5.717E-01	-1.949E+04	-1.614E+04	-2.325E+03	6.465E-01	-2.553E+00	1.754E+00	-1.495E+04	-2.068E+04	2.044E+00
282	4	16	-2.446E+00	5.407E-01	-5.683E-01	-1.949E+04	-1.614E+04	-2.326E+03	6.452E-01	-2.551E+00	1.753E+00	-1.495E+04	-2.068E+04	2.044E+00
283	1	1	5.258E-01	-7.010E-01	-7.465E-01	-4.023E+04	-2.141E+04	-1.466E+03	8.787E-01	-1.054E+00	-4.415E-01	-2.130E+04	-4.034E+04	1.648E+00
283	1	2	5.258E-01	-7.015E-01	-7.437E-01	-4.023E+04	-2.141E+04	-1.467E+03	8.764E-01	-1.052E+00	-4.405E-01	-2.130E+04	-4.034E+04	1.648E+00
283	1	3	4.764E-01	-8.550E-01	-4.209E-01	-4.021E+04	-2.125E+04	-1.555E+03	5.982E-01	-9.769E-01	-2.819E-01	-2.112E+04	-4.034E+04	1.652E+00
283	1	4	4.763E-01	-8.555E-01	-4.180E-01	-4.021E+04	-2.125E+04	-1.556E+03	5.967E-01	-9.758E-01	-2.803E-01	-2.112E+04	-4.034E+04	1.652E+00
283	1	5	5.278E-01	-7.014E-01	-7.434E-01	-4.023E+04	-2.142E+04	-1.469E+03	8.777E-01	-1.051E+00	-4.400E-01	-2.130E+04	-4.034E+04	1.648E+00
283	1	6	5.277E-01	-7.019E-01	-7.405E-01	-4.023E+04	-2.142E+04	-1.470E+03	8.754E-01	-1.050E+00	-4.390E-01	-2.130E+04	-4.034E+04	1.648E+00
283	1	7	4.783E-01	-8.554E-01	-4.177E-01	-4.021E+04	-2.125E+04	-1.558E+03	5.983E-01	-9.754E-01	-2.798E-01	-2.112E+04	-4.034E+04	1.652E+00
283	1	8	4.782E-01	-8.559E-01	-4.149E-01	-4.021E+04	-2.125E+04	-1.559E+03	5.967E-01	-9.744E-01	-2.782E-01	-2.112E+04	-4.034E+04	1.652E+00
283	1	9	-2.633E+00	3.359E-01	7.940E-01	-3.874E+04	-2.105E+04	-1.268E+03	5.349E-01	-2.832E+00	1.325E+00	-2.096E+04	-3.883E+04	1.642E+00
283	1	10	-2.633E+00	3.354E-01	7.968E-01	-3.874E+04	-2.105E+04	-1.269E+03	5.358E-01	-2.833E+00	1.324E+00	-2.096E+04	-3.883E+04	1.642E+00
283	1	11	-2.682E+00	1.819E-01	1.120E+00	-3.872E+04	-2.088E+04	-1.357E+03	5.677E-01	-3.068E+00	1.239E+00	-2.078E+04	-3.883E+04	1.646E+00
283	1	12	-2.683E+00	1.814E-01	1.123E+00	-3.872E+04	-2.088E+04	-1.358E+03	5.690E-01	-3.070E+00	1.238E+00	-2.078E+04	-3.883E+04	1.646E+00
283	1	13	-2.631E+00	3.355E-01	7.972E-01	-3.874E+04	-2.106E+04	-1.271E+03	5.361E-01	-2.832E+00	1.324E+00	-2.096E+04	-3.883E+04	1.642E+00
283	1	14	-2.631E+00	3.350E-01	8.000E-01	-3.874E+04	-2.106E+04	-1.272E+03	5.370E-01	-2.833E+00	1.323E+00	-2.096E+04	-3.883E+04	1.642E+00
283	1	15	-2.681E+00	1.815E-01	1.123E+00	-3.872E+04	-2.089E+04	-1.360E+03	5.694E-01	-3.069E+00	1.238E+00	-2.078E+04	-3.883E+04	1.646E+00
283	1	16	-2.681E+00	1.810E-01	1.126E+00	-3.872E+04	-2.089E+04	-1.361E+03	5.708E-01	-3.070E+00	1.237E+00	-2.078E+04	-3.883E+04	1.646E+00
283	2	1	-4.084E-01	2.378E-01	-1.133E+00	-5.887E+04	-1.715E+04	2.056E+03	1.093E+00	-1.264E+00	2.217E+00	-1.705E+04	-5.897E+04	1.522E+00
283	2	2	-4.096E-01	2.376E-01	-1.131E+00	-5.887E+04	-1.715E+04	2.056E+03	1.091E+00	-1.262E+00	2.217E+00	-1.705E+04	-5.897E+04	1.522E+00
283	2	3	-2.822E-01	-1.420E-01	-7.467E-01	-5.879E+04	-1.693E+04	2.045E+03	5.379E-01	-9.621E-01	2.309E+00	-1.683E+04	-5.889E+04	1.522E+00
283	2	4	-2.835E-01	-1.422E-01	-7.446E-01	-5.879E+04	-1.693E+04	2.045E+03	5.351E-01	-9.608E-01	2.309E+00	-1.683E+04	-5.889E+04	1.522E+00
283	2	5	-4.088E-01	2.378E-01	-1.131E+00	-5.887E+04	-1.715E+04	2.054E+03	1.091E+00	-1.262E+00	2.217E+00	-1.705E+04	-5.897E+04	1.522E+00
283	2	6	-4.100E-01	2.376E-01	-1.129E+00	-5.887E+04	-1.715E+04	2.053E+03	1.089E+00	-1.261E+00	2.217E+00	-1.705E+04	-5.897E+04	1.522E+00
283	2	7	-2.826E-01	-1.421E-01	-7.448E-01	-5.879E+04	-1.693E+04	2.043E+03	5.358E-01	-9.605E-01	2.309E+00	-1.683E+04	-5.889E+04	1.522E+00

283	2	8	-2.839E-01	-1.422E-01	-7.427E-01	-5.879E+04	-1.693E+04	2.042E+03	5.330E-01	-9.591E-01	2.309E+00	-1.683E+04	-5.889E+04	1.522E+00
283	2	9	-2.430E+00	-6.546E-02	8.478E-01	-5.748E+04	-1.695E+04	1.709E+03	2.071E-01	-2.703E+00	1.260E+00	-1.688E+04	-5.756E+04	1.529E+00
283	2	10	-2.432E+00	-6.565E-02	8.500E-01	-5.748E+04	-1.695E+04	1.708E+03	2.081E-01	-2.705E+00	1.259E+00	-1.688E+04	-5.755E+04	1.529E+00
283	2	11	-2.304E+00	-4.453E-01	1.234E+00	-5.740E+04	-1.673E+04	1.698E+03	1.704E-01	-2.920E+00	1.108E+00	-1.666E+04	-5.747E+04	1.529E+00
283	2	12	-2.305E+00	-4.455E-01	1.237E+00	-5.740E+04	-1.673E+04	1.698E+03	1.718E-01	-2.923E+00	1.108E+00	-1.666E+04	-5.747E+04	1.529E+00
283	2	13	-2.431E+00	-6.552E-02	8.497E-01	-5.748E+04	-1.695E+04	1.707E+03	2.081E-01	-2.704E+00	1.259E+00	-1.688E+04	-5.756E+04	1.529E+00
283	2	14	-2.432E+00	-6.570E-02	8.519E-01	-5.748E+04	-1.695E+04	1.706E+03	2.091E-01	-2.707E+00	1.259E+00	-1.688E+04	-5.756E+04	1.529E+00
283	2	15	-2.305E+00	-4.453E-01	1.236E+00	-5.740E+04	-1.673E+04	1.696E+03	1.718E-01	-2.922E+00	1.108E+00	-1.666E+04	-5.747E+04	1.529E+00
283	2	16	-2.306E+00	-4.455E-01	1.238E+00	-5.740E+04	-1.673E+04	1.695E+03	1.732E-01	-2.924E+00	1.107E+00	-1.666E+04	-5.747E+04	1.529E+00
283	3	1	-1.163E+00	-1.823E-01	-6.303E-01	-4.173E+04	-3.622E+03	1.257E+03	1.260E-01	-1.471E+00	2.026E+00	-3.581E+03	-4.177E+04	1.538E+00
283	3	2	-1.165E+00	-1.819E-01	-6.275E-01	-4.173E+04	-3.622E+03	1.257E+03	1.236E-01	-1.471E+00	2.024E+00	-3.580E+03	-4.177E+04	1.538E+00
283	3	3	-9.143E-01	-4.428E-01	-3.406E-01	-4.163E+04	-3.473E+03	1.192E+03	-2.643E-01	-1.093E+00	2.053E+00	-3.436E+03	-4.167E+04	1.540E+00
283	3	4	-9.168E-01	-4.424E-01	-3.378E-01	-4.163E+04	-3.473E+03	1.191E+03	-2.668E-01	-1.092E+00	2.050E+00	-3.435E+03	-4.167E+04	1.540E+00
283	3	5	-1.166E+00	-1.811E-01	-6.272E-01	-4.173E+04	-3.622E+03	1.255E+03	1.240E-01	-1.471E+00	2.023E+00	-3.580E+03	-4.177E+04	1.538E+00
283	3	6	-1.168E+00	-1.807E-01	-6.244E-01	-4.173E+04	-3.621E+03	1.254E+03	1.217E-01	-1.470E+00	2.022E+00	-3.580E+03	-4.177E+04	1.538E+00
283	3	7	-9.172E-01	-4.416E-01	-3.375E-01	-4.163E+04	-3.473E+03	1.189E+03	-2.665E-01	-1.092E+00	2.049E+00	-3.436E+03	-4.167E+04	1.540E+00
283	3	8	-9.196E-01	-4.411E-01	-3.348E-01	-4.163E+04	-3.472E+03	1.189E+03	-2.689E-01	-1.092E+00	2.046E+00	-3.435E+03	-4.167E+04	1.540E+00
283	3	9	-2.317E+00	3.080E-01	7.387E-01	-4.077E+04	-4.146E+03	1.686E+03	5.016E-01	-2.511E+00	1.314E+00	-4.069E+03	-4.085E+04	1.525E+00
283	3	10	-2.320E+00	3.084E-01	7.415E-01	-4.077E+04	-4.146E+03	1.685E+03	5.031E-01	-2.514E+00	1.314E+00	-4.068E+03	-4.085E+04	1.525E+00
283	3	11	-2.069E+00	4.747E-02	1.028E+00	-4.067E+04	-3.997E+03	1.620E+03	4.649E-01	-2.486E+00	1.185E+00	-3.926E+03	-4.075E+04	1.527E+00
283	3	12	-2.071E+00	4.788E-02	1.031E+00	-4.067E+04	-3.997E+03	1.620E+03	4.668E-01	-2.490E+00	1.185E+00	-3.925E+03	-4.074E+04	1.527E+00
283	3	13	-2.320E+00	3.092E-01	7.418E-01	-4.077E+04	-4.145E+03	1.683E+03	5.041E-01	-2.515E+00	1.314E+00	-4.068E+03	-4.085E+04	1.525E+00
283	3	14	-2.322E+00	3.096E-01	7.446E-01	-4.077E+04	-4.145E+03	1.682E+03	5.057E-01	-2.518E+00	1.313E+00	-4.068E+03	-4.085E+04	1.525E+00
283	3	15	-2.072E+00	4.873E-02	1.032E+00	-4.067E+04	-3.997E+03	1.618E+03	4.677E-01	-2.491E+00	1.185E+00	-3.925E+03	-4.074E+04	1.527E+00
283	3	16	-2.074E+00	4.914E-02	1.034E+00	-4.067E+04	-3.996E+03	1.617E+03	4.697E-01	-2.495E+00	1.185E+00	-3.925E+03	-4.074E+04	1.527E+00
283	4	1	-2.336E-01	-1.046E+00	-2.486E-01	-2.048E+04	-1.568E+04	1.984E+03	-1.636E-01	-1.116E+00	-2.745E-01	-1.496E+04	-2.119E+04	1.225E+00
283	4	2	-2.349E-01	-1.046E+00	-2.452E-01	-2.048E+04	-1.568E+04	1.982E+03	-1.665E-01	-1.114E+00	-2.719E-01	-1.496E+04	-2.119E+04	1.226E+00
283	4	3	-1.608E-01	-1.081E+00	-1.978E-02	-2.046E+04	-1.553E+04	1.898E+03	-1.604E-01	-1.081E+00	-2.149E-02	-1.488E+04	-2.111E+04	1.243E+00
283	4	4	-1.621E-01	-1.081E+00	-1.636E-02	-2.046E+04	-1.553E+04	1.896E+03	-1.618E-01	-1.081E+00	-1.780E-02	-1.488E+04	-2.111E+04	1.243E+00
283	4	5	-2.341E-01	-1.045E+00	-2.442E-01	-2.048E+04	-1.568E+04	1.980E+03	-1.663E-01	-1.113E+00	-2.710E-01	-1.497E+04	-2.119E+04	1.226E+00
283	4	6	-2.354E-01	-1.045E+00	-2.408E-01	-2.048E+04	-1.568E+04	1.979E+03	-1.692E-01	-1.111E+00	-2.682E-01	-1.497E+04	-2.119E+04	1.226E+00
283	4	7	-1.613E-01	-1.080E+00	-1.538E-02	-2.046E+04	-1.553E+04	1.894E+03	-1.611E-01	-1.080E+00	-1.674E-02	-1.488E+04	-2.110E+04	1.243E+00
283	4	8	-1.626E-01	-1.080E+00	-1.196E-02	-2.046E+04	-1.553E+04	1.893E+03	-1.624E-01	-1.080E+00	-1.303E-02	-1.488E+04	-2.110E+04	1.244E+00
283	4	9	-2.515E+00	6.344E-01	6.900E-01	-1.946E+04	-1.625E+04	2.331E+03	7.790E-01	-2.659E+00	1.364E+00	-1.502E+04	-2.068E+04	1.087E+00
283	4	10	-2.516E+00	6.346E-01	6.934E-01	-1.945E+04	-1.625E+04	2.330E+03	7.804E-01	-2.662E+00	1.363E+00	-1.502E+04	-2.068E+04	1.087E+00
283	4	11	-2.442E+00	5.998E-01	9.188E-01	-1.944E+04	-1.610E+04	2.245E+03	8.557E-01	-2.698E+00	1.299E+00	-1.497E+04	-2.057E+04	1.105E+00
283	4	12	-2.443E+00	5.999E-01	9.222E-01	-1.944E+04	-1.610E+04	2.244E+03	8.576E-01	-2.701E+00	1.298E+00	-1.497E+04	-2.057E+04	1.106E+00
283	4	13	-2.515E+00	6.353E-01	6.944E-01	-1.945E+04	-1.625E+04	2.328E+03	7.815E-01	-2.662E+00	1.363E+00	-1.503E+04	-2.068E+04	1.087E+00
283	4	14	-2.517E+00	6.355E-01	6.978E-01	-1.945E+04	-1.625E+04	2.327E+03	7.830E-01	-2.664E+00	1.362E+00	-1.503E+04	-2.068E+04	1.087E+00
283	4	15	-2.443E+00	6.006E-01	9.232E-01	-1.944E+04	-1.610E+04	2.242E+03	8.588E-01	-2.701E+00	1.298E+00	-1.497E+04	-2.056E+04	1.106E+00
283	4	16	-2.444E+00	6.008E-01	9.266E-01	-1.944E+04	-1.610E+04	2.241E+03	8.606E-01	-2.704E+00	1.297E+00	-1.497E+04	-2.056E+04	1.106E+00
284	1	1	-1.165E+00	-5.444E-02	-2.284E-01	-4.077E+04	-1.485E+03	6.369E+02	-9.320E-03	-1.211E+00	1.766E+00	-1.475E+03	-4.078E+04	1.555E+00
284	1	2	-1.168E+00	-5.447E-02	-2.278E-01	-4.077E+04	-1.485E+03	6.361E+02	-9.676E-03	-1.213E+00	1.765E+00	-1.475E+03	-4.078E+04	1.555E+00

284	1	3	-8.760E-01	-4.154E-02	-9.022E-02	-4.069E+04	-1.487E+03	5.535E+02	-3.190E-02	-8.856E-01	1.677E+00	-1.479E+03	-4.070E+04	1.557E+00
284	1	4	-8.785E-01	-4.158E-02	-8.962E-02	-4.069E+04	-1.487E+03	5.527E+02	-3.209E-02	-8.880E-01	1.676E+00	-1.479E+03	-4.070E+04	1.557E+00
284	1	5	-1.168E+00	-5.438E-02	-2.277E-01	-4.077E+04	-1.485E+03	6.342E+02	-9.634E-03	-1.213E+00	1.765E+00	-1.475E+03	-4.078E+04	1.555E+00
284	1	6	-1.171E+00	-5.441E-02	-2.271E-01	-4.077E+04	-1.485E+03	6.335E+02	-9.988E-03	-1.215E+00	1.764E+00	-1.475E+03	-4.078E+04	1.555E+00
284	1	7	-8.790E-01	-4.148E-02	-8.954E-02	-4.069E+04	-1.487E+03	5.508E+02	-3.202E-02	-8.885E-01	1.676E+00	-1.479E+03	-4.070E+04	1.557E+00
284	1	8	-8.816E-01	-4.152E-02	-8.893E-02	-4.069E+04	-1.487E+03	5.501E+02	-3.221E-02	-8.909E-01	1.675E+00	-1.479E+03	-4.070E+04	1.557E+00
284	1	9	-2.328E+00	9.261E-02	8.437E-02	-3.975E+04	-1.331E+03	1.071E+03	9.555E-02	-2.331E+00	1.536E+00	-1.301E+03	-3.978E+04	1.543E+00
284	1	10	-2.330E+00	9.258E-02	8.498E-02	-3.975E+04	-1.331E+03	1.070E+03	9.556E-02	-2.333E+00	1.536E+00	-1.301E+03	-3.978E+04	1.543E+00
284	1	11	-2.038E+00	1.055E-01	2.225E-01	-3.968E+04	-1.332E+03	9.874E+02	1.284E-01	-2.061E+00	1.468E+00	-1.307E+03	-3.970E+04	1.545E+00
284	1	12	-2.041E+00	1.055E-01	2.232E-01	-3.968E+04	-1.332E+03	9.866E+02	1.284E-01	-2.064E+00	1.468E+00	-1.307E+03	-3.970E+04	1.545E+00
284	1	13	-2.331E+00	9.267E-02	8.506E-02	-3.975E+04	-1.331E+03	1.068E+03	9.566E-02	-2.334E+00	1.536E+00	-1.301E+03	-3.978E+04	1.543E+00
284	1	14	-2.333E+00	9.264E-02	8.566E-02	-3.975E+04	-1.331E+03	1.067E+03	9.566E-02	-2.336E+00	1.536E+00	-1.301E+03	-3.978E+04	1.543E+00
284	1	15	-2.041E+00	1.056E-01	2.232E-01	-3.968E+04	-1.332E+03	9.848E+02	1.285E-01	-2.064E+00	1.468E+00	-1.307E+03	-3.970E+04	1.545E+00
284	1	16	-2.044E+00	1.055E-01	2.238E-01	-3.968E+04	-1.332E+03	9.840E+02	1.286E-01	-2.067E+00	1.468E+00	-1.307E+03	-3.970E+04	1.545E+00
284	2	1	-1.188E+00	9.176E-02	-2.894E-01	-5.501E+04	6.255E+02	3.235E+02	1.541E-01	-1.251E+00	1.783E+00	6.274E+02	-5.501E+04	1.565E+00
284	2	2	-1.191E+00	9.137E-02	-2.888E-01	-5.501E+04	6.261E+02	3.227E+02	1.534E-01	-1.253E+00	1.782E+00	6.280E+02	-5.501E+04	1.565E+00
284	2	3	-7.879E-01	5.261E-02	6.044E-02	-5.487E+04	6.767E+02	3.021E+02	5.694E-02	-7.922E-01	1.499E+00	6.783E+02	-5.487E+04	1.565E+00
284	2	4	-7.905E-01	5.222E-02	6.104E-02	-5.487E+04	6.773E+02	3.013E+02	5.662E-02	-7.949E-01	1.499E+00	6.789E+02	-5.487E+04	1.565E+00
284	2	5	-1.191E+00	9.130E-02	-2.887E-01	-5.501E+04	6.263E+02	3.209E+02	1.533E-01	-1.253E+00	1.782E+00	6.281E+02	-5.501E+04	1.565E+00
284	2	6	-1.194E+00	9.092E-02	-2.881E-01	-5.501E+04	6.268E+02	3.200E+02	1.526E-01	-1.256E+00	1.782E+00	6.287E+02	-5.501E+04	1.565E+00
284	2	7	-7.909E-01	5.215E-02	6.116E-02	-5.487E+04	6.774E+02	2.995E+02	5.657E-02	-7.953E-01	1.499E+00	6.790E+02	-5.487E+04	1.565E+00
284	2	8	-7.935E-01	5.177E-02	6.176E-02	-5.487E+04	6.780E+02	2.986E+02	5.625E-02	-7.980E-01	1.498E+00	6.796E+02	-5.487E+04	1.565E+00
284	2	9	-2.394E+00	-8.905E-02	-1.091E-02	-5.433E+04	1.020E+03	7.827E+02	-8.900E-02	-2.394E+00	1.576E+00	1.031E+03	-5.434E+04	1.557E+00
284	2	10	-2.396E+00	-8.944E-02	-1.031E-02	-5.433E+04	1.021E+03	7.819E+02	-8.939E-02	-2.396E+00	1.575E+00	1.032E+03	-5.434E+04	1.557E+00
284	2	11	-1.993E+00	-1.282E-01	3.389E-01	-5.420E+04	1.071E+03	7.613E+02	-6.852E-02	-2.053E+00	1.396E+00	1.082E+03	-5.421E+04	1.557E+00
284	2	12	-1.996E+00	-1.286E-01	3.395E-01	-5.420E+04	1.072E+03	7.605E+02	-6.877E-02	-2.056E+00	1.396E+00	1.082E+03	-5.421E+04	1.557E+00
284	2	13	-2.397E+00	-8.950E-02	-1.019E-02	-5.433E+04	1.021E+03	7.801E+02	-8.946E-02	-2.397E+00	1.575E+00	1.032E+03	-5.434E+04	1.557E+00
284	2	14	-2.399E+00	-8.989E-02	-9.596E-03	-5.433E+04	1.022E+03	7.792E+02	-8.985E-02	-2.399E+00	1.575E+00	1.033E+03	-5.434E+04	1.557E+00
284	2	15	-1.996E+00	-1.287E-01	3.396E-01	-5.420E+04	1.072E+03	7.587E+02	-6.881E-02	-2.056E+00	1.396E+00	1.083E+03	-5.421E+04	1.557E+00
284	2	16	-1.999E+00	-1.290E-01	3.402E-01	-5.420E+04	1.073E+03	7.578E+02	-6.906E-02	-2.059E+00	1.396E+00	1.083E+03	-5.421E+04	1.557E+00
284	3	1	-1.228E+00	-4.709E-02	-2.334E-01	-4.081E+04	-5.356E+02	-3.171E+03	-2.641E-03	-1.273E+00	1.759E+00	-2.874E+02	-4.106E+04	1.649E+00
284	3	2	-1.231E+00	-4.711E-02	-2.328E-01	-4.081E+04	-5.354E+02	-3.172E+03	-2.981E-03	-1.275E+00	1.758E+00	-2.870E+02	-4.106E+04	1.649E+00
284	3	3	-7.165E-01	-1.341E-01	-9.514E-02	-4.071E+04	-4.785E+02	-3.236E+03	-1.190E-01	-7.317E-01	1.729E+00	-2.199E+02	-4.096E+04	1.651E+00
284	3	4	-7.191E-01	-1.342E-01	-9.452E-02	-4.070E+04	-4.782E+02	-3.237E+03	-1.193E-01	-7.340E-01	1.727E+00	-2.195E+02	-4.096E+04	1.651E+00
284	3	5	-1.231E+00	-4.704E-02	-2.327E-01	-4.081E+04	-5.354E+02	-3.174E+03	-2.957E-03	-1.275E+00	1.758E+00	-2.868E+02	-4.106E+04	1.649E+00
284	3	6	-1.234E+00	-4.706E-02	-2.321E-01	-4.081E+04	-5.352E+02	-3.175E+03	-3.294E-03	-1.278E+00	1.757E+00	-2.864E+02	-4.106E+04	1.649E+00
284	3	7	-7.195E-01	-1.341E-01	-9.443E-02	-4.070E+04	-4.783E+02	-3.239E+03	-1.192E-01	-7.344E-01	1.727E+00	-2.192E+02	-4.096E+04	1.651E+00
284	3	8	-7.221E-01	-1.341E-01	-9.381E-02	-4.070E+04	-4.780E+02	-3.239E+03	-1.195E-01	-7.367E-01	1.725E+00	-2.188E+02	-4.096E+04	1.651E+00
284	3	9	-2.430E+00	1.597E-01	9.226E-02	-3.983E+04	-4.539E+02	-2.736E+03	1.630E-01	-2.434E+00	1.535E+00	-2.647E+02	-4.002E+04	1.640E+00
284	3	10	-2.433E+00	1.597E-01	9.288E-02	-3.983E+04	-4.536E+02	-2.737E+03	1.630E-01	-2.436E+00	1.535E+00	-2.643E+02	-4.002E+04	1.640E+00
284	3	11	-1.919E+00	7.270E-02	2.305E-01	-3.973E+04	-3.967E+02	-2.800E+03	9.904E-02	-1.945E+00	1.457E+00	-1.983E+02	-3.992E+04	1.642E+00
284	3	12	-1.921E+00	7.268E-02	2.311E-01	-3.972E+04	-3.965E+02	-2.801E+03	9.912E-02	-1.948E+00	1.457E+00	-1.980E+02	-3.992E+04	1.642E+00
284	3	13	-2.433E+00	1.598E-01	9.297E-02	-3.983E+04	-4.537E+02	-2.739E+03	1.631E-01	-2.437E+00	1.535E+00	-2.641E+02	-4.002E+04	1.640E+00

284	3	14	-2.436E+00	1.598E-01	9.358E-02	-3.983E+04	-4.534E+02	-2.739E+03	1.631E-01	-2.439E+00	1.535E+00	-2.638E+02	-4.002E+04	1.640E+00
284	3	15	-1.922E+00	7.275E-02	2.312E-01	-3.972E+04	-3.966E+02	-2.803E+03	9.921E-02	-1.948E+00	1.457E+00	-1.978E+02	-3.992E+04	1.642E+00
284	3	16	-1.924E+00	7.273E-02	2.318E-01	-3.972E+04	-3.963E+02	-2.804E+03	9.929E-02	-1.951E+00	1.457E+00	-1.974E+02	-3.992E+04	1.642E+00
284	4	1	-1.208E+00	-1.736E-01	-1.972E-01	-2.668E+04	-3.780E+03	-1.212E+02	-1.372E-01	-1.244E+00	1.753E+00	-3.780E+03	-2.668E+04	1.576E+00
284	4	2	-1.210E+00	-1.732E-01	-1.966E-01	-2.668E+04	-3.781E+03	-1.222E+02	-1.372E-01	-1.246E+00	1.752E+00	-3.780E+03	-2.668E+04	1.576E+00
284	4	3	-8.068E-01	-2.086E-01	-2.707E-01	-2.664E+04	-3.764E+03	-2.166E+02	-1.043E-01	-9.111E-01	1.939E+00	-3.762E+03	-2.664E+04	1.580E+00
284	4	4	-8.093E-01	-2.082E-01	-2.700E-01	-2.664E+04	-3.765E+03	-2.175E+02	-1.048E-01	-9.128E-01	1.937E+00	-3.763E+03	-2.664E+04	1.580E+00
284	4	5	-1.211E+00	-1.730E-01	-1.966E-01	-2.668E+04	-3.781E+03	-1.240E+02	-1.370E-01	-1.247E+00	1.752E+00	-3.780E+03	-2.668E+04	1.576E+00
284	4	6	-1.213E+00	-1.727E-01	-1.959E-01	-2.668E+04	-3.781E+03	-1.249E+02	-1.370E-01	-1.249E+00	1.751E+00	-3.781E+03	-2.668E+04	1.576E+00
284	4	7	-8.098E-01	-2.080E-01	-2.700E-01	-2.663E+04	-3.765E+03	-2.193E+02	-1.046E-01	-9.132E-01	1.936E+00	-3.763E+03	-2.664E+04	1.580E+00
284	4	8	-8.123E-01	-2.077E-01	-2.694E-01	-2.663E+04	-3.765E+03	-2.203E+02	-1.051E-01	-9.149E-01	1.935E+00	-3.763E+03	-2.664E+04	1.580E+00
284	4	9	-2.362E+00	3.217E-01	2.124E-01	-2.535E+04	-3.903E+03	4.330E+02	3.384E-01	-2.379E+00	1.492E+00	-3.894E+03	-2.536E+04	1.551E+00
284	4	10	-2.365E+00	3.220E-01	2.130E-01	-2.535E+04	-3.903E+03	4.320E+02	3.388E-01	-2.381E+00	1.492E+00	-3.894E+03	-2.536E+04	1.551E+00
284	4	11	-1.961E+00	2.867E-01	1.390E-01	-2.531E+04	-3.887E+03	3.377E+02	2.953E-01	-1.970E+00	1.509E+00	-3.881E+03	-2.531E+04	1.555E+00
284	4	12	-1.964E+00	2.870E-01	1.396E-01	-2.531E+04	-3.887E+03	3.367E+02	2.957E-01	-1.973E+00	1.509E+00	-3.882E+03	-2.531E+04	1.555E+00
284	4	13	-2.365E+00	3.223E-01	2.131E-01	-2.535E+04	-3.903E+03	4.302E+02	3.390E-01	-2.382E+00	1.492E+00	-3.895E+03	-2.536E+04	1.551E+00
284	4	14	-2.368E+00	3.226E-01	2.137E-01	-2.535E+04	-3.904E+03	4.293E+02	3.395E-01	-2.384E+00	1.492E+00	-3.895E+03	-2.536E+04	1.551E+00
284	4	15	-1.964E+00	2.873E-01	1.397E-01	-2.531E+04	-3.887E+03	3.349E+02	2.959E-01	-1.973E+00	1.509E+00	-3.882E+03	-2.531E+04	1.555E+00
284	4	16	-1.967E+00	2.876E-01	1.403E-01	-2.531E+04	-3.888E+03	3.340E+02	2.963E-01	-1.976E+00	1.509E+00	-3.882E+03	-2.531E+04	1.555E+00
285	1	1	-2.357E-01	-1.020E+00	8.310E-01	2.006E+03	-1.233E+04	1.243E+02	2.910E-01	-1.547E+00	5.649E-01	2.007E+03	-1.233E+04	8.673E-03
285	1	2	-2.352E-01	-1.012E+00	8.313E-01	2.005E+03	-1.233E+04	1.248E+02	2.939E-01	-1.541E+00	5.668E-01	2.006E+03	-1.233E+04	8.703E-03
285	1	3	-2.026E-01	-1.032E+00	6.529E-01	2.003E+03	-1.240E+04	1.412E+02	1.562E-01	-1.391E+00	5.026E-01	2.005E+03	-1.240E+04	9.802E-03
285	1	4	-2.022E-01	-1.024E+00	6.532E-01	2.003E+03	-1.240E+04	1.417E+02	1.587E-01	-1.385E+00	5.047E-01	2.004E+03	-1.241E+04	9.832E-03
285	1	5	-2.345E-01	-1.008E+00	8.279E-01	2.005E+03	-1.233E+04	1.259E+02	2.925E-01	-1.535E+00	5.669E-01	2.006E+03	-1.233E+04	8.777E-03
285	1	6	-2.341E-01	-1.000E+00	8.283E-01	2.005E+03	-1.233E+04	1.263E+02	2.954E-01	-1.530E+00	5.688E-01	2.006E+03	-1.234E+04	8.807E-03
285	1	7	-2.015E-01	-1.020E+00	6.498E-01	2.002E+03	-1.241E+04	1.428E+02	1.573E-01	-1.378E+00	5.044E-01	2.004E+03	-1.241E+04	9.905E-03
285	1	8	-2.010E-01	-1.012E+00	6.501E-01	2.002E+03	-1.241E+04	1.432E+02	1.598E-01	-1.373E+00	5.066E-01	2.003E+03	-1.241E+04	9.935E-03
285	1	9	-1.356E-02	-4.230E+00	-3.781E-01	2.178E+03	-1.146E+04	2.628E+02	2.008E-02	-4.264E+00	-8.873E-02	2.183E+03	-1.146E+04	1.926E-02
285	1	10	-1.309E-02	-4.222E+00	-3.778E-01	2.177E+03	-1.146E+04	2.632E+02	2.055E-02	-4.256E+00	-8.881E-02	2.182E+03	-1.146E+04	1.929E-02
285	1	11	1.952E-02	-4.242E+00	-5.562E-01	2.175E+03	-1.153E+04	2.797E+02	9.093E-02	-4.313E+00	-1.277E-01	2.181E+03	-1.154E+04	2.039E-02
285	1	12	1.999E-02	-4.234E+00	-5.559E-01	2.174E+03	-1.153E+04	2.801E+02	9.144E-02	-4.305E+00	-1.278E-01	2.180E+03	-1.154E+04	2.042E-02
285	1	13	-1.237E-02	-4.218E+00	-3.812E-01	2.177E+03	-1.146E+04	2.643E+02	2.190E-02	-4.253E+00	-8.967E-02	2.182E+03	-1.147E+04	1.937E-02
285	1	14	-1.189E-02	-4.210E+00	-3.809E-01	2.176E+03	-1.146E+04	2.647E+02	2.238E-02	-4.245E+00	-8.974E-02	2.181E+03	-1.147E+04	1.940E-02
285	1	15	2.071E-02	-4.230E+00	-5.593E-01	2.174E+03	-1.154E+04	2.812E+02	9.308E-02	-4.302E+00	-1.287E-01	2.180E+03	-1.154E+04	2.049E-02
285	1	16	2.119E-02	-4.222E+00	-5.590E-01	2.174E+03	-1.154E+04	2.817E+02	9.360E-02	-4.294E+00	-1.288E-01	2.179E+03	-1.155E+04	2.052E-02
285	2	1	6.063E-01	-1.440E+00	8.029E-01	3.800E+03	-5.212E+03	8.257E+02	8.837E-01	-1.717E+00	3.327E-01	3.875E+03	-5.287E+03	9.061E-02
285	2	2	6.056E-01	-1.430E+00	8.038E-01	3.800E+03	-5.215E+03	8.265E+02	8.848E-01	-1.709E+00	3.343E-01	3.875E+03	-5.290E+03	9.067E-02
285	2	3	5.355E-01	-1.371E+00	6.254E-01	3.829E+03	-5.254E+03	8.674E+02	7.224E-01	-1.558E+00	2.903E-01	3.911E+03	-5.336E+03	9.437E-02
285	2	4	5.349E-01	-1.361E+00	6.263E-01	3.828E+03	-5.257E+03	8.682E+02	7.231E-01	-1.549E+00	2.920E-01	3.910E+03	-5.339E+03	9.442E-02
285	2	5	6.035E-01	-1.423E+00	8.005E-01	3.801E+03	-5.217E+03	8.284E+02	8.816E-01	-1.701E+00	3.343E-01	3.876E+03	-5.293E+03	9.084E-02
285	2	6	6.028E-01	-1.413E+00	8.014E-01	3.800E+03	-5.220E+03	8.292E+02	8.827E-01	-1.693E+00	3.359E-01	3.876E+03	-5.296E+03	9.090E-02
285	2	7	5.327E-01	-1.354E+00	6.230E-01	3.829E+03	-5.259E+03	8.701E+02	7.199E-01	-1.541E+00	2.918E-01	3.912E+03	-5.342E+03	9.459E-02
285	2	8	5.321E-01	-1.344E+00	6.239E-01	3.829E+03	-5.262E+03	8.709E+02	7.206E-01	-1.532E+00	2.935E-01	3.912E+03	-5.345E+03	9.465E-02

285	2	9	2.787E-01	-6.051E+00	-9.299E-01	4.451E+03	-3.587E+03	1.170E+03	4.125E-01	-6.185E+00	-1.429E-01	4.618E+03	-3.754E+03	1.417E-01
285	2	10	2.781E-01	-6.041E+00	-9.290E-01	4.451E+03	-3.590E+03	1.171E+03	4.118E-01	-6.175E+00	-1.430E-01	4.618E+03	-3.757E+03	1.417E-01
285	2	11	2.080E-01	-5.982E+00	-1.107E+00	4.480E+03	-3.629E+03	1.212E+03	4.002E-01	-6.174E+00	-1.718E-01	4.657E+03	-3.806E+03	1.453E-01
285	2	12	2.073E-01	-5.972E+00	-1.107E+00	4.479E+03	-3.632E+03	1.213E+03	3.995E-01	-6.164E+00	-1.720E-01	4.657E+03	-3.809E+03	1.453E-01
285	2	13	2.759E-01	-6.034E+00	-9.323E-01	4.452E+03	-3.592E+03	1.173E+03	4.108E-01	-6.169E+00	-1.437E-01	4.619E+03	-3.760E+03	1.419E-01
285	2	14	2.753E-01	-6.024E+00	-9.314E-01	4.451E+03	-3.595E+03	1.174E+03	4.101E-01	-6.159E+00	-1.438E-01	4.619E+03	-3.763E+03	1.419E-01
285	2	15	2.052E-01	-5.965E+00	-1.110E+00	4.480E+03	-3.634E+03	1.215E+03	3.987E-01	-6.159E+00	-1.727E-01	4.658E+03	-3.812E+03	1.455E-01
285	2	16	2.045E-01	-5.955E+00	-1.109E+00	4.480E+03	-3.637E+03	1.215E+03	3.981E-01	-6.149E+00	-1.728E-01	4.658E+03	-3.815E+03	1.455E-01
285	3	1	9.613E-01	-1.265E+00	5.443E-01	2.011E+03	7.230E+02	8.114E+02	1.087E+00	-1.391E+00	2.274E-01	2.403E+03	3.311E+02	4.500E-01
285	3	2	9.607E-01	-1.257E+00	5.460E-01	2.011E+03	7.207E+02	8.114E+02	1.088E+00	-1.384E+00	2.288E-01	2.403E+03	3.292E+02	4.495E-01
285	3	3	8.220E-01	-1.235E+00	4.052E-01	2.040E+03	7.155E+02	8.279E+02	8.989E-01	-1.312E+00	1.877E-01	2.438E+03	3.175E+02	4.481E-01
285	3	4	8.214E-01	-1.227E+00	4.069E-01	2.040E+03	7.132E+02	8.279E+02	8.993E-01	-1.304E+00	1.891E-01	2.437E+03	3.157E+02	4.477E-01
285	3	5	9.569E-01	-1.252E+00	5.439E-01	2.012E+03	7.206E+02	8.122E+02	1.084E+00	-1.378E+00	2.288E-01	2.404E+03	3.288E+02	4.495E-01
285	3	6	9.564E-01	-1.243E+00	5.456E-01	2.012E+03	7.183E+02	8.122E+02	1.084E+00	-1.371E+00	2.302E-01	2.404E+03	3.269E+02	4.491E-01
285	3	7	8.176E-01	-1.221E+00	4.048E-01	2.041E+03	7.132E+02	8.287E+02	8.950E-01	-1.299E+00	1.890E-01	2.439E+03	3.152E+02	4.477E-01
285	3	8	8.171E-01	-1.213E+00	4.065E-01	2.041E+03	7.109E+02	8.287E+02	8.954E-01	-1.292E+00	1.904E-01	2.439E+03	3.134E+02	4.472E-01
285	3	9	-1.931E-01	-4.232E+00	-1.474E+00	2.505E+03	2.454E+03	1.239E+03	2.878E-01	-4.713E+00	-3.153E-01	3.719E+03	1.240E+03	7.751E-01
285	3	10	-1.937E-01	-4.224E+00	-1.473E+00	2.505E+03	2.452E+03	1.239E+03	2.871E-01	-4.704E+00	-3.155E-01	3.718E+03	1.239E+03	7.746E-01
285	3	11	-3.324E-01	-4.202E+00	-1.613E+00	2.534E+03	2.446E+03	1.255E+03	2.521E-01	-4.786E+00	-3.476E-01	3.746E+03	1.234E+03	7.680E-01
285	3	12	-3.330E-01	-4.194E+00	-1.612E+00	2.534E+03	2.444E+03	1.255E+03	2.514E-01	-4.778E+00	-3.478E-01	3.745E+03	1.233E+03	7.676E-01
285	3	13	-1.975E-01	-4.219E+00	-1.475E+00	2.506E+03	2.452E+03	1.240E+03	2.854E-01	-4.701E+00	-3.164E-01	3.719E+03	1.239E+03	7.744E-01
285	3	14	-1.980E-01	-4.210E+00	-1.473E+00	2.506E+03	2.449E+03	1.240E+03	2.847E-01	-4.693E+00	-3.167E-01	3.718E+03	1.238E+03	7.739E-01
285	3	15	-3.368E-01	-4.188E+00	-1.614E+00	2.535E+03	2.444E+03	1.256E+03	2.500E-01	-4.775E+00	-3.487E-01	3.747E+03	1.232E+03	7.673E-01
285	3	16	-3.373E-01	-4.180E+00	-1.612E+00	2.535E+03	2.442E+03	1.256E+03	2.494E-01	-4.767E+00	-3.490E-01	3.746E+03	1.231E+03	7.669E-01
285	4	1	2.495E-01	-8.380E-01	5.455E-01	6.602E+02	-6.682E+03	1.533E+03	4.760E-01	-1.065E+00	3.935E-01	9.673E+02	-6.989E+03	1.977E-01
285	4	2	2.501E-01	-8.321E-01	5.467E-01	6.605E+02	-6.685E+03	1.533E+03	4.782E-01	-1.060E+00	3.953E-01	9.677E+02	-6.992E+03	1.977E-01
285	4	3	2.140E-01	-8.884E-01	4.058E-01	6.611E+02	-6.727E+03	1.562E+03	3.473E-01	-1.022E+00	3.173E-01	9.776E+02	-7.044E+03	2.000E-01
285	4	4	2.146E-01	-8.824E-01	4.069E-01	6.613E+02	-6.729E+03	1.562E+03	3.491E-01	-1.017E+00	3.191E-01	9.780E+02	-7.046E+03	2.000E-01
285	4	5	2.492E-01	-8.295E-01	5.444E-01	6.604E+02	-6.686E+03	1.534E+03	4.761E-01	-1.056E+00	3.950E-01	9.680E+02	-6.994E+03	1.978E-01
285	4	6	2.498E-01	-8.236E-01	5.455E-01	6.607E+02	-6.689E+03	1.535E+03	4.783E-01	-1.052E+00	3.968E-01	9.684E+02	-6.996E+03	1.978E-01
285	4	7	2.137E-01	-8.798E-01	4.046E-01	6.613E+02	-6.731E+03	1.563E+03	3.471E-01	-1.013E+00	3.186E-01	9.783E+02	-7.048E+03	2.001E-01
285	4	8	2.143E-01	-8.739E-01	4.058E-01	6.615E+02	-6.733E+03	1.564E+03	3.489E-01	-1.009E+00	3.204E-01	9.787E+02	-7.050E+03	2.001E-01
285	4	9	-6.157E-01	-2.419E+00	-8.956E-01	4.428E+02	-5.622E+03	1.746E+03	-2.464E-01	-2.788E+00	-3.911E-01	9.095E+02	-6.089E+03	2.612E-01
285	4	10	-6.151E-01	-2.413E+00	-8.944E-01	4.431E+02	-5.624E+03	1.746E+03	-2.459E-01	-2.782E+00	-3.915E-01	9.098E+02	-6.091E+03	2.612E-01
285	4	11	-6.512E-01	-2.469E+00	-1.035E+00	4.436E+02	-5.667E+03	1.775E+03	-1.824E-01	-2.938E+00	-4.252E-01	9.218E+02	-6.145E+03	2.631E-01
285	4	12	-6.506E-01	-2.463E+00	-1.034E+00	4.439E+02	-5.669E+03	1.775E+03	-1.817E-01	-2.932E+00	-4.256E-01	9.221E+02	-6.147E+03	2.631E-01
285	4	13	-6.160E-01	-2.410E+00	-8.967E-01	4.430E+02	-5.626E+03	1.748E+03	-2.447E-01	-2.781E+00	-3.926E-01	9.103E+02	-6.093E+03	2.613E-01
285	4	14	-6.154E-01	-2.404E+00	-8.956E-01	4.432E+02	-5.628E+03	1.748E+03	-2.441E-01	-2.775E+00	-3.930E-01	9.106E+02	-6.095E+03	2.612E-01
285	4	15	-6.515E-01	-2.460E+00	-1.036E+00	4.438E+02	-5.671E+03	1.777E+03	-1.804E-01	-2.931E+00	-4.267E-01	9.226E+02	-6.149E+03	2.632E-01
285	4	16	-6.509E-01	-2.454E+00	-1.035E+00	4.441E+02	-5.673E+03	1.777E+03	-1.797E-01	-2.926E+00	-4.271E-01	9.229E+02	-6.152E+03	2.632E-01
286	1	1	-1.114E+00	-9.911E-01	1.380E+00	-4.350E+03	-9.845E+03	1.989E+03	3.289E-01	-2.434E+00	8.076E-01	-3.706E+03	-1.049E+04	3.133E-01
286	1	2	-1.114E+00	-9.855E-01	1.377E+00	-4.350E+03	-9.847E+03	1.990E+03	3.290E-01	-2.428E+00	8.086E-01	-3.706E+03	-1.049E+04	3.133E-01
286	1	3	-1.240E+00	-9.079E-01	1.093E+00	-4.346E+03	-9.851E+03	2.005E+03	3.124E-02	-2.179E+00	8.607E-01	-3.694E+03	-1.050E+04	3.147E-01

286	1	4	-1.239E+00	-9.023E-01	1.089E+00	-4.346E+03	-9.852E+03	2.005E+03	3.165E-02	-2.173E+00	8.621E-01	-3.694E+03	-1.050E+04	3.147E-01
286	1	5	-1.112E+00	-9.806E-01	1.373E+00	-4.351E+03	-9.847E+03	1.991E+03	3.279E-01	-2.420E+00	8.093E-01	-3.706E+03	-1.049E+04	3.135E-01
286	1	6	-1.111E+00	-9.749E-01	1.369E+00	-4.351E+03	-9.848E+03	1.991E+03	3.280E-01	-2.414E+00	8.103E-01	-3.706E+03	-1.049E+04	3.135E-01
286	1	7	-1.238E+00	-8.974E-01	1.085E+00	-4.347E+03	-9.853E+03	2.006E+03	3.073E-02	-2.166E+00	8.632E-01	-3.693E+03	-1.051E+04	3.148E-01
286	1	8	-1.237E+00	-8.917E-01	1.082E+00	-4.347E+03	-9.854E+03	2.006E+03	3.115E-02	-2.160E+00	8.645E-01	-3.693E+03	-1.051E+04	3.149E-01
286	1	9	6.051E-01	-2.961E+00	7.568E-01	-4.477E+03	-8.624E+03	2.039E+03	7.591E-01	-3.115E+00	2.007E-01	-3.642E+03	-9.459E+03	3.886E-01
286	1	10	6.056E-01	-2.955E+00	7.537E-01	-4.477E+03	-8.625E+03	2.040E+03	7.586E-01	-3.108E+00	2.002E-01	-3.642E+03	-9.460E+03	3.886E-01
286	1	11	4.794E-01	-2.877E+00	4.692E-01	-4.473E+03	-8.629E+03	2.055E+03	5.438E-01	-2.942E+00	1.363E-01	-3.629E+03	-9.473E+03	3.899E-01
286	1	12	4.799E-01	-2.872E+00	4.661E-01	-4.473E+03	-8.630E+03	2.055E+03	5.435E-01	-2.935E+00	1.356E-01	-3.629E+03	-9.475E+03	3.899E-01
286	1	13	6.071E-01	-2.950E+00	7.493E-01	-4.478E+03	-8.625E+03	2.041E+03	7.585E-01	-3.101E+00	1.993E-01	-3.642E+03	-9.461E+03	3.887E-01
286	1	14	6.076E-01	-2.944E+00	7.462E-01	-4.478E+03	-8.626E+03	2.041E+03	7.580E-01	-3.095E+00	1.989E-01	-3.642E+03	-9.462E+03	3.887E-01
286	1	15	4.814E-01	-2.867E+00	4.616E-01	-4.474E+03	-8.631E+03	2.056E+03	5.439E-01	-2.929E+00	1.345E-01	-3.629E+03	-9.476E+03	3.900E-01
286	1	16	4.819E-01	-2.861E+00	4.586E-01	-4.474E+03	-8.632E+03	2.056E+03	5.437E-01	-2.923E+00	1.339E-01	-3.629E+03	-9.477E+03	3.900E-01
286	2	1	-1.804E+00	2.564E-01	2.524E-01	-7.913E+03	-7.543E+03	7.241E+02	2.869E-01	-1.834E+00	1.451E+00	-6.981E+03	-8.475E+03	9.106E-01
286	2	2	-1.802E+00	2.566E-01	2.501E-01	-7.913E+03	-7.543E+03	7.250E+02	2.865E-01	-1.832E+00	1.452E+00	-6.980E+03	-8.476E+03	9.104E-01
286	2	3	-1.854E+00	2.863E-01	4.805E-02	-7.878E+03	-7.552E+03	7.602E+02	2.874E-01	-1.855E+00	1.548E+00	-6.938E+03	-8.493E+03	8.912E-01
286	2	4	-1.852E+00	2.865E-01	4.579E-02	-7.878E+03	-7.552E+03	7.611E+02	2.875E-01	-1.853E+00	1.549E+00	-6.937E+03	-8.493E+03	8.909E-01
286	2	5	-1.798E+00	2.568E-01	2.484E-01	-7.913E+03	-7.543E+03	7.261E+02	2.864E-01	-1.828E+00	1.452E+00	-6.979E+03	-8.477E+03	9.101E-01
286	2	6	-1.797E+00	2.570E-01	2.461E-01	-7.913E+03	-7.543E+03	7.270E+02	2.861E-01	-1.826E+00	1.453E+00	-6.978E+03	-8.478E+03	9.098E-01
286	2	7	-1.848E+00	2.867E-01	4.405E-02	-7.878E+03	-7.552E+03	7.622E+02	2.876E-01	-1.849E+00	1.550E+00	-6.936E+03	-8.495E+03	8.907E-01
286	2	8	-1.847E+00	2.869E-01	4.179E-02	-7.878E+03	-7.552E+03	7.631E+02	2.877E-01	-1.848E+00	1.551E+00	-6.935E+03	-8.496E+03	8.905E-01
286	2	9	8.340E-01	2.910E-03	1.375E+00	-8.073E+03	-6.950E+03	5.801E+02	1.855E+00	-1.018E+00	6.386E-01	-6.704E+03	-8.319E+03	1.170E+00
286	2	10	8.352E-01	3.099E-03	1.373E+00	-8.072E+03	-6.950E+03	5.810E+02	1.853E+00	-1.015E+00	6.382E-01	-6.704E+03	-8.319E+03	1.169E+00
286	2	11	7.840E-01	3.281E-02	1.171E+00	-8.038E+03	-6.959E+03	6.162E+02	1.638E+00	-8.209E-01	6.302E-01	-6.680E+03	-8.317E+03	1.145E+00
286	2	12	7.852E-01	3.300E-02	1.168E+00	-8.038E+03	-6.959E+03	6.171E+02	1.636E+00	-8.182E-01	6.297E-01	-6.679E+03	-8.318E+03	1.144E+00
286	2	13	8.392E-01	3.328E-03	1.371E+00	-8.073E+03	-6.951E+03	5.821E+02	1.854E+00	-1.012E+00	6.374E-01	-6.703E+03	-8.320E+03	1.169E+00
286	2	14	8.405E-01	3.516E-03	1.369E+00	-8.072E+03	-6.951E+03	5.830E+02	1.853E+00	-1.009E+00	6.370E-01	-6.703E+03	-8.321E+03	1.168E+00
286	2	15	7.892E-01	3.323E-02	1.167E+00	-8.038E+03	-6.960E+03	6.182E+02	1.637E+00	-8.150E-01	6.287E-01	-6.679E+03	-8.319E+03	1.144E+00
286	2	16	7.905E-01	3.342E-02	1.164E+00	-8.038E+03	-6.960E+03	6.191E+02	1.636E+00	-8.123E-01	6.282E-01	-6.678E+03	-8.319E+03	1.144E+00
286	3	1	-2.499E+00	-4.899E-01	1.379E+00	-3.915E+03	-2.545E+03	1.388E+03	2.118E-01	-3.201E+00	1.100E+00	-1.682E+03	-4.778E+03	1.015E+00
286	3	2	-2.497E+00	-4.849E-01	1.376E+00	-3.915E+03	-2.546E+03	1.389E+03	2.137E-01	-3.196E+00	1.101E+00	-1.682E+03	-4.779E+03	1.014E+00
286	3	3	-2.473E+00	-4.710E-01	1.092E+00	-3.915E+03	-2.582E+03	1.416E+03	8.981E-03	-2.953E+00	1.157E+00	-1.684E+03	-4.813E+03	1.005E+00
286	3	4	-2.471E+00	-4.660E-01	1.089E+00	-3.915E+03	-2.584E+03	1.417E+03	1.122E-02	-2.949E+00	1.158E+00	-1.684E+03	-4.815E+03	1.005E+00
286	3	5	-2.491E+00	-4.821E-01	1.372E+00	-3.916E+03	-2.548E+03	1.391E+03	2.137E-01	-3.186E+00	1.101E+00	-1.682E+03	-4.782E+03	1.014E+00
286	3	6	-2.489E+00	-4.771E-01	1.369E+00	-3.916E+03	-2.549E+03	1.392E+03	2.156E-01	-3.181E+00	1.102E+00	-1.682E+03	-4.783E+03	1.014E+00
286	3	7	-2.465E+00	-4.632E-01	1.084E+00	-3.916E+03	-2.585E+03	1.418E+03	1.135E-02	-2.939E+00	1.158E+00	-1.684E+03	-4.817E+03	1.005E+00
286	3	8	-2.463E+00	-4.582E-01	1.081E+00	-3.916E+03	-2.587E+03	1.419E+03	1.361E-02	-2.935E+00	1.159E+00	-1.684E+03	-4.819E+03	1.004E+00
286	3	9	1.065E+00	-3.068E+00	7.563E-01	-4.290E+03	-1.849E+03	1.143E+03	1.199E+00	-3.203E+00	1.754E-01	-1.398E+03	-4.742E+03	1.194E+00
286	3	10	1.067E+00	-3.063E+00	7.532E-01	-4.290E+03	-1.851E+03	1.145E+03	1.200E+00	-3.197E+00	1.749E-01	-1.398E+03	-4.743E+03	1.194E+00
286	3	11	1.090E+00	-3.050E+00	4.687E-01	-4.291E+03	-1.887E+03	1.171E+03	1.143E+00	-3.102E+00	1.113E-01	-1.411E+03	-4.767E+03	1.185E+00
286	3	12	1.092E+00	-3.045E+00	4.656E-01	-4.291E+03	-1.889E+03	1.172E+03	1.144E+00	-3.096E+00	1.107E-01	-1.411E+03	-4.768E+03	1.184E+00
286	3	13	1.073E+00	-3.061E+00	7.487E-01	-4.291E+03	-1.853E+03	1.146E+03	1.205E+00	-3.192E+00	1.738E-01	-1.399E+03	-4.745E+03	1.194E+00
286	3	14	1.075E+00	-3.056E+00	7.456E-01	-4.291E+03	-1.854E+03	1.147E+03	1.206E+00	-3.186E+00	1.732E-01	-1.399E+03	-4.746E+03	1.193E+00

286	3	15	1.099E+00	-3.042E+00	4.611E-01	-4.292E+03	-1.890E+03	1.173E+03	1.150E+00	-3.093E+00	1.096E-01	-1.412E+03	-4.770E+03	1.184E+00
286	3	16	1.101E+00	-3.037E+00	4.580E-01	-4.292E+03	-1.892E+03	1.175E+03	1.151E+00	-3.087E+00	1.089E-01	-1.413E+03	-4.771E+03	1.183E+00
286	4	1	-1.805E+00	-1.743E+00	1.962E+00	-3.736E+02	-7.088E+03	1.860E+03	1.880E-01	-3.736E+00	7.932E-01	1.070E+02	-7.569E+03	2.529E-01
286	4	2	-1.804E+00	-1.733E+00	1.958E+00	-3.741E+02	-7.091E+03	1.860E+03	1.900E-01	-3.726E+00	7.944E-01	1.066E+02	-7.572E+03	2.529E-01
286	4	3	-1.855E+00	-1.671E+00	1.591E+00	-4.048E+02	-7.130E+03	1.895E+03	-1.694E-01	-3.356E+00	8.142E-01	9.254E+01	-7.627E+03	2.566E-01
286	4	4	-1.853E+00	-1.661E+00	1.587E+00	-4.053E+02	-7.133E+03	1.896E+03	-1.671E-01	-3.347E+00	8.157E-01	9.218E+01	-7.630E+03	2.566E-01
286	4	5	-1.800E+00	-1.725E+00	1.951E+00	-3.753E+02	-7.094E+03	1.862E+03	1.887E-01	-3.713E+00	7.949E-01	1.063E+02	-7.575E+03	2.531E-01
286	4	6	-1.798E+00	-1.715E+00	1.947E+00	-3.758E+02	-7.097E+03	1.863E+03	1.907E-01	-3.704E+00	7.961E-01	1.059E+02	-7.578E+03	2.531E-01
286	4	7	-1.849E+00	-1.653E+00	1.580E+00	-4.065E+02	-7.135E+03	1.898E+03	-1.684E-01	-3.334E+00	8.164E-01	9.184E+01	-7.633E+03	2.568E-01
286	4	8	-1.848E+00	-1.643E+00	1.576E+00	-4.070E+02	-7.138E+03	1.898E+03	-1.662E-01	-3.325E+00	8.180E-01	9.148E+01	-7.636E+03	2.568E-01
286	4	9	8.313E-01	-6.026E+00	6.834E-01	-6.754E+02	-5.511E+03	2.154E+03	8.987E-01	-6.094E+00	9.837E-02	1.450E+02	-6.331E+03	3.639E-01
286	4	10	8.326E-01	-6.016E+00	6.795E-01	-6.760E+02	-5.514E+03	2.155E+03	8.993E-01	-6.083E+00	9.795E-02	1.446E+02	-6.334E+03	3.639E-01
286	4	11	7.813E-01	-5.954E+00	3.125E-01	-7.066E+02	-5.552E+03	2.190E+03	7.958E-01	-5.969E+00	4.627E-02	1.364E+02	-6.395E+03	3.675E-01
286	4	12	7.826E-01	-5.944E+00	3.086E-01	-7.071E+02	-5.555E+03	2.190E+03	7.967E-01	-5.958E+00	4.575E-02	1.360E+02	-6.398E+03	3.674E-01
286	4	13	8.366E-01	-6.008E+00	6.723E-01	-6.771E+02	-5.516E+03	2.157E+03	9.020E-01	-6.074E+00	9.699E-02	1.445E+02	-6.337E+03	3.640E-01
286	4	14	8.378E-01	-5.998E+00	6.684E-01	-6.777E+02	-5.519E+03	2.157E+03	9.026E-01	-6.063E+00	9.656E-02	1.441E+02	-6.341E+03	3.640E-01
286	4	15	7.866E-01	-5.936E+00	3.014E-01	-7.083E+02	-5.557E+03	2.192E+03	8.001E-01	-5.950E+00	4.472E-02	1.359E+02	-6.401E+03	3.676E-01
286	4	16	7.879E-01	-5.926E+00	2.975E-01	-7.088E+02	-5.560E+03	2.193E+03	8.010E-01	-5.939E+00	4.420E-02	1.355E+02	-6.404E+03	3.675E-01
287	1	1	-1.141E+00	-5.922E-01	-1.301E+00	-4.342E+03	-9.841E+03	-2.080E+03	4.631E-01	-2.196E+00	2.252E+00	-3.644E+03	-1.054E+04	-3.238E-01
287	1	2	-1.141E+00	-5.979E-01	-1.304E+00	-4.342E+03	-9.840E+03	-2.079E+03	4.626E-01	-2.202E+00	2.253E+00	-3.644E+03	-1.054E+04	-3.238E-01
287	1	3	-1.212E+00	-7.659E-01	-1.756E+00	-4.307E+03	-9.894E+03	-2.063E+03	7.805E-01	-2.759E+00	2.293E+00	-3.628E+03	-1.057E+04	-3.180E-01
287	1	4	-1.213E+00	-7.715E-01	-1.759E+00	-4.307E+03	-9.892E+03	-2.062E+03	7.802E-01	-2.765E+00	2.294E+00	-3.628E+03	-1.057E+04	-3.180E-01
287	1	5	-1.141E+00	-5.988E-01	-1.305E+00	-4.342E+03	-9.840E+03	-2.079E+03	4.633E-01	-2.203E+00	2.254E+00	-3.645E+03	-1.054E+04	-3.237E-01
287	1	6	-1.141E+00	-6.045E-01	-1.308E+00	-4.342E+03	-9.839E+03	-2.078E+03	4.627E-01	-2.209E+00	2.255E+00	-3.645E+03	-1.054E+04	-3.237E-01
287	1	7	-1.212E+00	-7.725E-01	-1.760E+00	-4.307E+03	-9.892E+03	-2.061E+03	7.809E-01	-2.766E+00	2.294E+00	-3.629E+03	-1.057E+04	-3.179E-01
287	1	8	-1.213E+00	-7.782E-01	-1.763E+00	-4.307E+03	-9.891E+03	-2.061E+03	7.806E-01	-2.772E+00	2.295E+00	-3.628E+03	-1.057E+04	-3.179E-01
287	1	9	5.782E-01	-3.161E+00	-8.878E-02	-4.510E+03	-8.547E+03	-1.973E+03	5.803E-01	-3.163E+00	-2.372E-02	-3.706E+03	-9.351E+03	-3.870E-01
287	1	10	5.777E-01	-3.167E+00	-9.187E-02	-4.510E+03	-8.545E+03	-1.972E+03	5.800E-01	-3.169E+00	-2.451E-02	-3.706E+03	-9.349E+03	-3.870E-01
287	1	11	5.066E-01	-3.335E+00	-5.432E-01	-4.475E+03	-8.599E+03	-1.956E+03	5.819E-01	-3.410E+00	-1.378E-01	-3.695E+03	-9.379E+03	-3.795E-01
287	1	12	5.061E-01	-3.340E+00	-5.463E-01	-4.475E+03	-8.597E+03	-1.955E+03	5.822E-01	-3.417E+00	-1.384E-01	-3.695E+03	-9.377E+03	-3.795E-01
287	1	13	5.782E-01	-3.168E+00	-9.299E-02	-4.510E+03	-8.545E+03	-1.972E+03	5.805E-01	-3.170E+00	-2.480E-02	-3.707E+03	-9.349E+03	-3.869E-01
287	1	14	5.777E-01	-3.173E+00	-9.608E-02	-4.510E+03	-8.544E+03	-1.971E+03	5.801E-01	-3.176E+00	-2.559E-02	-3.707E+03	-9.347E+03	-3.869E-01
287	1	15	5.065E-01	-3.341E+00	-5.474E-01	-4.475E+03	-8.597E+03	-1.954E+03	5.829E-01	-3.418E+00	-1.386E-01	-3.696E+03	-9.377E+03	-3.794E-01
287	1	16	5.060E-01	-3.347E+00	-5.505E-01	-4.475E+03	-8.596E+03	-1.954E+03	5.832E-01	-3.424E+00	-1.392E-01	-3.696E+03	-9.375E+03	-3.794E-01
287	2	1	-1.687E+00	-1.256E+00	-1.732E+00	-3.829E+02	-7.231E+03	-1.883E+03	2.742E-01	-3.216E+00	2.294E+00	1.009E+02	-7.714E+03	-2.514E-01
287	2	2	-1.688E+00	-1.266E+00	-1.736E+00	-3.823E+02	-7.227E+03	-1.882E+03	2.717E-01	-3.226E+00	2.296E+00	1.013E+02	-7.711E+03	-2.514E-01
287	2	3	-2.008E+00	-1.379E+00	-2.462E+00	-2.654E+02	-7.182E+03	-1.789E+03	7.876E-01	-4.175E+00	2.293E+00	1.697E+02	-7.617E+03	-2.386E-01
287	2	4	-2.010E+00	-1.390E+00	-2.465E+00	-2.648E+02	-7.179E+03	-1.788E+03	7.851E-01	-4.185E+00	2.294E+00	1.701E+02	-7.614E+03	-2.386E-01
287	2	5	-1.688E+00	-1.267E+00	-1.737E+00	-3.825E+02	-7.227E+03	-1.882E+03	2.724E-01	-3.228E+00	2.296E+00	1.006E+02	-7.710E+03	-2.513E-01
287	2	6	-1.689E+00	-1.278E+00	-1.741E+00	-3.819E+02	-7.224E+03	-1.881E+03	2.699E-01	-3.237E+00	2.297E+00	1.010E+02	-7.707E+03	-2.513E-01
287	2	7	-2.009E+00	-1.391E+00	-2.467E+00	-2.651E+02	-7.179E+03	-1.787E+03	7.858E-01	-4.187E+00	2.294E+00	1.695E+02	-7.613E+03	-2.385E-01
287	2	8	-2.011E+00	-1.402E+00	-2.471E+00	-2.645E+02	-7.175E+03	-1.786E+03	7.832E-01	-4.196E+00	2.295E+00	1.699E+02	-7.610E+03	-2.385E-01
287	2	9	9.866E-01	-6.436E+00	1.937E-01	-8.017E+02	-5.372E+03	-2.248E+03	9.917E-01	-6.441E+00	2.607E-02	1.186E+02	-6.292E+03	-3.886E-01

287	2	10	9.854E-01	-6.447E+00	1.898E-01	-8.011E+02	-5.369E+03	-2.247E+03	9.902E-01	-6.452E+00	2.552E-02	1.191E+02	-6.289E+03	-3.887E-01
287	2	11	6.649E-01	-6.560E+00	-5.358E-01	-6.843E+02	-5.323E+03	-2.153E+03	7.044E-01	-6.600E+00	-7.363E-02	1.611E+02	-6.169E+03	-3.741E-01
287	2	12	6.636E-01	-6.570E+00	-5.398E-01	-6.837E+02	-5.320E+03	-2.152E+03	7.036E-01	-6.611E+00	-7.407E-02	1.615E+02	-6.165E+03	-3.742E-01
287	2	13	9.856E-01	-6.448E+00	1.884E-01	-8.013E+02	-5.368E+03	-2.246E+03	9.903E-01	-6.453E+00	2.532E-02	1.183E+02	-6.288E+03	-3.886E-01
287	2	14	9.843E-01	-6.459E+00	1.845E-01	-8.007E+02	-5.365E+03	-2.245E+03	9.889E-01	-6.463E+00	2.477E-02	1.187E+02	-6.285E+03	-3.886E-01
287	2	15	6.638E-01	-6.572E+00	-5.412E-01	-6.839E+02	-5.320E+03	-2.152E+03	7.041E-01	-6.612E+00	-7.424E-02	1.608E+02	-6.164E+03	-3.741E-01
287	2	16	6.626E-01	-6.582E+00	-5.451E-01	-6.833E+02	-5.317E+03	-2.151E+03	7.033E-01	-6.623E+00	-7.468E-02	1.612E+02	-6.161E+03	-3.741E-01
287	3	1	-2.244E+00	-3.666E-01	-1.300E+00	-3.938E+03	-2.705E+03	-1.481E+03	2.981E-01	-2.909E+00	2.043E+00	-1.717E+03	-4.926E+03	2.159E+00
287	3	2	-2.247E+00	-3.716E-01	-1.303E+00	-3.938E+03	-2.703E+03	-1.480E+03	2.962E-01	-2.914E+00	2.044E+00	-1.717E+03	-4.925E+03	2.159E+00
287	3	3	-2.816E+00	-3.276E-01	-1.754E+00	-3.840E+03	-2.602E+03	-1.449E+03	5.790E-01	-3.723E+00	2.048E+00	-1.645E+03	-4.797E+03	2.154E+00
287	3	4	-2.818E+00	-3.326E-01	-1.758E+00	-3.840E+03	-2.600E+03	-1.448E+03	5.771E-01	-3.728E+00	2.048E+00	-1.645E+03	-4.795E+03	2.154E+00
287	3	5	-2.247E+00	-3.724E-01	-1.304E+00	-3.938E+03	-2.704E+03	-1.479E+03	2.965E-01	-2.915E+00	2.045E+00	-1.718E+03	-4.924E+03	2.159E+00
287	3	6	-2.249E+00	-3.774E-01	-1.307E+00	-3.938E+03	-2.702E+03	-1.478E+03	2.946E-01	-2.921E+00	2.046E+00	-1.718E+03	-4.922E+03	2.158E+00
287	3	7	-2.818E+00	-3.334E-01	-1.759E+00	-3.840E+03	-2.600E+03	-1.447E+03	5.774E-01	-3.729E+00	2.049E+00	-1.646E+03	-4.795E+03	2.154E+00
287	3	8	-2.820E+00	-3.384E-01	-1.762E+00	-3.840E+03	-2.599E+03	-1.446E+03	5.756E-01	-3.734E+00	2.049E+00	-1.646E+03	-4.793E+03	2.153E+00
287	3	9	1.411E+00	-3.272E+00	-8.838E-02	-4.362E+03	-1.788E+03	-1.081E+03	1.412E+00	-3.273E+00	-1.887E-02	-1.395E+03	-4.756E+03	1.920E+00
287	3	10	1.409E+00	-3.277E+00	-9.147E-02	-4.362E+03	-1.787E+03	-1.079E+03	1.410E+00	-3.278E+00	-1.951E-02	-1.394E+03	-4.755E+03	1.920E+00
287	3	11	8.389E-01	-3.233E+00	-5.428E-01	-4.265E+03	-1.685E+03	-1.048E+03	9.100E-01	-3.304E+00	-1.303E-01	-1.313E+03	-4.637E+03	1.912E+00
287	3	12	8.368E-01	-3.238E+00	-5.459E-01	-4.264E+03	-1.683E+03	-1.047E+03	9.087E-01	-3.309E+00	-1.309E-01	-1.312E+03	-4.636E+03	1.912E+00
287	3	13	1.409E+00	-3.277E+00	-9.259E-02	-4.363E+03	-1.787E+03	-1.078E+03	1.410E+00	-3.279E+00	-1.975E-02	-1.395E+03	-4.754E+03	1.919E+00
287	3	14	1.407E+00	-3.282E+00	-9.568E-02	-4.362E+03	-1.785E+03	-1.077E+03	1.409E+00	-3.284E+00	-2.039E-02	-1.394E+03	-4.753E+03	1.919E+00
287	3	15	8.368E-01	-3.238E+00	-5.470E-01	-4.265E+03	-1.683E+03	-1.046E+03	9.090E-01	-3.310E+00	-1.311E-01	-1.313E+03	-4.635E+03	1.911E+00
287	3	16	8.348E-01	-3.243E+00	-5.501E-01	-4.264E+03	-1.682E+03	-1.045E+03	9.077E-01	-3.316E+00	-1.318E-01	-1.312E+03	-4.634E+03	1.911E+00
287	4	1	-1.685E+00	2.817E-01	2.575E-02	-7.918E+03	-7.560E+03	5.612E+02	2.820E-01	-1.686E+00	1.558E+00	-7.150E+03	-8.328E+03	9.398E-01
287	4	2	-1.687E+00	2.815E-01	2.348E-02	-7.918E+03	-7.559E+03	5.621E+02	2.818E-01	-1.687E+00	1.559E+00	-7.149E+03	-8.328E+03	9.397E-01
287	4	3	-2.007E+00	2.708E-01	-1.536E-01	-7.902E+03	-7.545E+03	5.879E+02	2.811E-01	-2.017E+00	1.638E+00	-7.109E+03	-8.338E+03	9.327E-01
287	4	4	-2.008E+00	2.706E-01	-1.559E-01	-7.902E+03	-7.545E+03	5.888E+02	2.812E-01	-2.019E+00	1.639E+00	-7.108E+03	-8.339E+03	9.326E-01
287	4	5	-1.687E+00	2.812E-01	2.264E-02	-7.918E+03	-7.560E+03	5.632E+02	2.814E-01	-1.687E+00	1.559E+00	-7.148E+03	-8.330E+03	9.394E-01
287	4	6	-1.688E+00	2.810E-01	2.038E-02	-7.918E+03	-7.559E+03	5.642E+02	2.812E-01	-1.688E+00	1.560E+00	-7.147E+03	-8.331E+03	9.393E-01
287	4	7	-2.008E+00	2.703E-01	-1.567E-01	-7.902E+03	-7.545E+03	5.900E+02	2.810E-01	-2.019E+00	1.639E+00	-7.107E+03	-8.340E+03	9.324E-01
287	4	8	-2.009E+00	2.701E-01	-1.590E-01	-7.902E+03	-7.545E+03	5.909E+02	2.811E-01	-2.021E+00	1.640E+00	-7.106E+03	-8.341E+03	9.323E-01
287	4	9	9.891E-01	1.862E-02	-1.266E+00	-8.054E+03	-6.954E+03	7.254E+02	1.859E+00	-8.517E-01	-6.023E-01	-6.594E+03	-8.414E+03	1.110E+00
287	4	10	9.879E-01	1.844E-02	-1.268E+00	-8.054E+03	-6.954E+03	7.264E+02	1.861E+00	-8.543E-01	-6.028E-01	-6.593E+03	-8.415E+03	1.109E+00
287	4	11	6.674E-01	7.768E-03	-1.445E+00	-8.038E+03	-6.940E+03	7.522E+02	1.820E+00	-1.145E+00	-6.732E-01	-6.557E+03	-8.420E+03	1.101E+00
287	4	12	6.662E-01	7.580E-03	-1.447E+00	-8.038E+03	-6.939E+03	7.531E+02	1.821E+00	-1.147E+00	-6.735E-01	-6.557E+03	-8.421E+03	1.101E+00
287	4	13	9.881E-01	1.810E-02	-1.269E+00	-8.054E+03	-6.954E+03	7.275E+02	1.861E+00	-8.552E-01	-6.028E-01	-6.592E+03	-8.416E+03	1.109E+00
287	4	14	9.868E-01	1.791E-02	-1.271E+00	-8.054E+03	-6.954E+03	7.284E+02	1.863E+00	-8.579E-01	-6.033E-01	-6.591E+03	-8.417E+03	1.109E+00
287	4	15	6.664E-01	7.241E-03	-1.448E+00	-8.038E+03	-6.940E+03	7.542E+02	1.822E+00	-1.148E+00	-6.735E-01	-6.556E+03	-8.422E+03	1.100E+00
287	4	16	6.651E-01	7.053E-03	-1.450E+00	-8.039E+03	-6.939E+03	7.552E+02	1.823E+00	-1.151E+00	-6.739E-01	-6.555E+03	-8.423E+03	1.100E+00
288	1	1	-2.017E-01	-8.435E-01	-5.570E-01	1.980E+03	-1.263E+04	-1.236E+02	1.202E-01	-1.165E+00	-5.241E-01	1.981E+03	-1.263E+04	-8.460E-03
288	1	2	-2.022E-01	-8.514E-01	-5.567E-01	1.980E+03	-1.263E+04	-1.231E+02	1.176E-01	-1.171E+00	-5.214E-01	1.981E+03	-1.263E+04	-8.429E-03
288	1	3	-2.877E-01	-7.824E-01	-9.643E-01	1.989E+03	-1.245E+04	-8.406E+01	4.605E-01	-1.531E+00	-6.599E-01	1.989E+03	-1.245E+04	-5.822E-03
288	1	4	-2.882E-01	-7.903E-01	-9.639E-01	1.989E+03	-1.244E+04	-8.358E+01	4.569E-01	-1.535E+00	-6.580E-01	1.990E+03	-1.245E+04	-5.790E-03

288	1	5	-2.021E-01	-8.526E-01	-5.568E-01	1.980E+03	-1.263E+04	-1.225E+02	1.175E-01	-1.172E+00	-5.211E-01	1.981E+03	-1.263E+04	-8.387E-03
288	1	6	-2.026E-01	-8.606E-01	-5.565E-01	1.981E+03	-1.262E+04	-1.220E+02	1.149E-01	-1.178E+00	-5.185E-01	1.982E+03	-1.262E+04	-8.356E-03
288	1	7	-2.880E-01	-7.915E-01	-9.641E-01	1.989E+03	-1.244E+04	-8.296E+01	4.567E-01	-1.536E+00	-6.577E-01	1.990E+03	-1.244E+04	-5.748E-03
288	1	8	-2.885E-01	-7.994E-01	-9.638E-01	1.990E+03	-1.244E+04	-8.248E+01	4.531E-01	-1.541E+00	-6.559E-01	1.990E+03	-1.244E+04	-5.715E-03
288	1	9	7.264E-02	-4.574E+00	7.135E-01	2.206E+03	-1.134E+04	-3.125E+02	1.797E-01	-4.681E+00	1.490E-01	2.213E+03	-1.135E+04	-2.305E-02
288	1	10	7.216E-02	-4.582E+00	7.138E-01	2.206E+03	-1.134E+04	-3.120E+02	1.792E-01	-4.689E+00	1.488E-01	2.213E+03	-1.134E+04	-2.302E-02
288	1	11	-1.329E-02	-4.513E+00	3.062E-01	2.215E+03	-1.116E+04	-2.730E+02	7.441E-03	-4.534E+00	6.762E-02	2.220E+03	-1.116E+04	-2.040E-02
288	1	12	-1.377E-02	-4.521E+00	3.065E-01	2.215E+03	-1.116E+04	-2.725E+02	6.974E-03	-4.542E+00	6.759E-02	2.221E+03	-1.116E+04	-2.037E-02
288	1	13	7.228E-02	-4.584E+00	7.136E-01	2.206E+03	-1.134E+04	-3.114E+02	1.792E-01	-4.690E+00	1.487E-01	2.213E+03	-1.134E+04	-2.298E-02
288	1	14	7.180E-02	-4.591E+00	7.139E-01	2.207E+03	-1.133E+04	-3.109E+02	1.787E-01	-4.698E+00	1.486E-01	2.214E+03	-1.134E+04	-2.295E-02
288	1	15	-1.366E-02	-4.522E+00	3.063E-01	2.215E+03	-1.115E+04	-2.719E+02	7.059E-03	-4.543E+00	6.753E-02	2.221E+03	-1.116E+04	-2.032E-02
288	1	16	-1.414E-02	-4.530E+00	3.067E-01	2.216E+03	-1.115E+04	-2.714E+02	6.592E-03	-4.551E+00	6.749E-02	2.221E+03	-1.116E+04	-2.029E-02
288	2	1	1.643E-01	-7.420E-01	-2.910E-01	6.549E+02	-6.817E+03	-1.483E+03	2.497E-01	-8.274E-01	-2.855E-01	9.385E+02	-7.101E+03	-1.889E-01
288	2	2	1.637E-01	-7.479E-01	-2.899E-01	6.547E+02	-6.815E+03	-1.482E+03	2.481E-01	-8.323E-01	-2.832E-01	9.381E+02	-7.098E+03	-1.889E-01
288	2	3	2.863E-01	-6.768E-01	-6.298E-01	6.693E+02	-6.747E+03	-1.413E+03	5.976E-01	-9.881E-01	-4.590E-01	9.294E+02	-7.007E+03	-1.820E-01
288	2	4	2.857E-01	-6.827E-01	-6.287E-01	6.690E+02	-6.744E+03	-1.412E+03	5.950E-01	-9.921E-01	-4.572E-01	9.290E+02	-7.004E+03	-1.820E-01
288	2	5	1.641E-01	-7.491E-01	-2.900E-01	6.547E+02	-6.815E+03	-1.482E+03	2.484E-01	-8.334E-01	-2.829E-01	9.379E+02	-7.098E+03	-1.889E-01
288	2	6	1.635E-01	-7.550E-01	-2.889E-01	6.545E+02	-6.812E+03	-1.481E+03	2.468E-01	-8.383E-01	-2.807E-01	9.376E+02	-7.096E+03	-1.888E-01
288	2	7	2.861E-01	-6.839E-01	-6.288E-01	6.691E+02	-6.744E+03	-1.412E+03	5.952E-01	-9.930E-01	-4.569E-01	9.288E+02	-7.004E+03	-1.819E-01
288	2	8	2.855E-01	-6.899E-01	-6.276E-01	6.688E+02	-6.742E+03	-1.411E+03	5.927E-01	-9.970E-01	-4.551E-01	9.285E+02	-7.002E+03	-1.819E-01
288	2	9	-7.000E-01	-2.699E+00	1.150E+00	4.267E+02	-5.538E+03	-1.885E+03	-1.755E-01	-3.223E+00	4.278E-01	9.722E+02	-6.083E+03	-2.818E-01
288	2	10	-7.006E-01	-2.705E+00	1.151E+00	4.264E+02	-5.535E+03	-1.884E+03	-1.762E-01	-3.229E+00	4.273E-01	9.719E+02	-6.081E+03	-2.818E-01
288	2	11	-5.779E-01	-2.634E+00	8.116E-01	4.410E+02	-5.467E+03	-1.814E+03	-2.962E-01	-2.915E+00	3.342E-01	9.538E+02	-5.980E+03	-2.754E-01
288	2	12	-5.785E-01	-2.639E+00	8.127E-01	4.408E+02	-5.465E+03	-1.814E+03	-2.966E-01	-2.921E+00	3.339E-01	9.534E+02	-5.978E+03	-2.754E-01
288	2	13	-7.002E-01	-2.706E+00	1.151E+00	4.265E+02	-5.535E+03	-1.883E+03	-1.761E-01	-3.230E+00	4.271E-01	9.716E+02	-6.080E+03	-2.817E-01
288	2	14	-7.008E-01	-2.712E+00	1.153E+00	4.262E+02	-5.533E+03	-1.883E+03	-1.768E-01	-3.236E+00	4.267E-01	9.712E+02	-6.078E+03	-2.818E-01
288	2	15	-5.782E-01	-2.641E+00	8.126E-01	4.408E+02	-5.465E+03	-1.813E+03	-2.965E-01	-2.922E+00	3.337E-01	9.531E+02	-5.977E+03	-2.754E-01
288	2	16	-5.787E-01	-2.647E+00	8.138E-01	4.406E+02	-5.462E+03	-1.813E+03	-2.969E-01	-2.928E+00	3.334E-01	9.528E+02	-5.975E+03	-2.754E-01
288	3	1	7.606E-01	-9.471E-01	-2.716E-01	2.071E+03	7.353E+02	-8.595E+02	8.028E-01	-9.892E-01	-1.540E-01	2.492E+03	3.148E+02	-4.551E-01
288	3	2	7.611E-01	-9.553E-01	-2.699E-01	2.071E+03	7.376E+02	-8.595E+02	8.026E-01	-9.967E-01	-1.523E-01	2.492E+03	3.166E+02	-4.555E-01
288	3	3	1.125E+00	-9.951E-01	-6.406E-01	1.974E+03	6.557E+02	-8.048E+02	1.304E+00	-1.174E+00	-2.718E-01	2.355E+03	2.745E+02	-4.423E-01
288	3	4	1.126E+00	-1.003E+00	-6.389E-01	1.974E+03	6.580E+02	-8.048E+02	1.303E+00	-1.180E+00	-2.703E-01	2.355E+03	2.764E+02	-4.428E-01
288	3	5	7.619E-01	-9.566E-01	-2.700E-01	2.071E+03	7.373E+02	-8.600E+02	8.033E-01	-9.981E-01	-1.522E-01	2.492E+03	3.158E+02	-4.557E-01
288	3	6	7.624E-01	-9.648E-01	-2.683E-01	2.071E+03	7.396E+02	-8.600E+02	8.031E-01	-1.006E+00	-1.506E-01	2.492E+03	3.177E+02	-4.561E-01
288	3	7	1.126E+00	-1.005E+00	-6.390E-01	1.973E+03	6.577E+02	-8.053E+02	1.303E+00	-1.182E+00	-2.701E-01	2.355E+03	2.756E+02	-4.430E-01
288	3	8	1.127E+00	-1.013E+00	-6.373E-01	1.973E+03	6.600E+02	-8.054E+02	1.302E+00	-1.188E+00	-2.686E-01	2.356E+03	2.775E+02	-4.434E-01
288	3	9	-5.070E-01	-4.564E+00	1.750E+00	2.575E+03	2.587E+03	-1.266E+03	1.435E-01	-5.214E+00	3.559E-01	3.847E+03	1.315E+03	2.354E+00
288	3	10	-5.064E-01	-4.572E+00	1.752E+00	2.575E+03	2.589E+03	-1.266E+03	1.441E-01	-5.222E+00	3.556E-01	3.849E+03	1.316E+03	2.353E+00
288	3	11	-1.423E-01	-4.612E+00	1.381E+00	2.478E+03	2.507E+03	-1.212E+03	2.499E-01	-5.004E+00	2.768E-01	3.704E+03	1.281E+03	2.350E+00
288	3	12	-1.418E-01	-4.620E+00	1.383E+00	2.478E+03	2.510E+03	-1.212E+03	2.507E-01	-5.012E+00	2.766E-01	3.706E+03	1.282E+03	2.350E+00
288	3	13	-5.057E-01	-4.573E+00	1.751E+00	2.575E+03	2.589E+03	-1.267E+03	1.445E-01	-5.223E+00	3.555E-01	3.849E+03	1.315E+03	2.353E+00
288	3	14	-5.052E-01	-4.581E+00	1.753E+00	2.575E+03	2.591E+03	-1.267E+03	1.451E-01	-5.232E+00	3.552E-01	3.850E+03	1.316E+03	2.353E+00
288	3	15	-1.411E-01	-4.621E+00	1.382E+00	2.477E+03	2.509E+03	-1.212E+03	2.512E-01	-5.013E+00	2.765E-01	3.706E+03	1.281E+03	2.350E+00

288	3	16	-1.405E-01	-4.629E+00	1.384E+00	2.477E+03	2.512E+03	-1.212E+03	2.520E-01	-5.022E+00	2.763E-01	3.707E+03	1.282E+03	2.349E+00
288	4	1	5.939E-01	-1.051E+00	-4.854E-01	3.870E+03	-5.337E+03	-8.543E+02	7.265E-01	-1.184E+00	-2.666E-01	3.949E+03	-5.416E+03	-9.175E-02
288	4	2	5.946E-01	-1.061E+00	-4.845E-01	3.870E+03	-5.334E+03	-8.535E+02	7.259E-01	-1.193E+00	-2.647E-01	3.949E+03	-5.413E+03	-9.169E-02
288	4	3	7.506E-01	-1.103E+00	-9.229E-01	3.768E+03	-5.305E+03	-7.428E+02	1.132E+00	-1.484E+00	-3.916E-01	3.828E+03	-5.366E+03	-8.115E-02
288	4	4	7.513E-01	-1.113E+00	-9.220E-01	3.768E+03	-5.302E+03	-7.419E+02	1.130E+00	-1.492E+00	-3.899E-01	3.828E+03	-5.362E+03	-8.108E-02
288	4	5	5.950E-01	-1.063E+00	-4.847E-01	3.870E+03	-5.334E+03	-8.526E+02	7.264E-01	-1.194E+00	-2.646E-01	3.948E+03	-5.412E+03	-9.160E-02
288	4	6	5.957E-01	-1.073E+00	-4.838E-01	3.870E+03	-5.331E+03	-8.518E+02	7.258E-01	-1.203E+00	-2.627E-01	3.948E+03	-5.409E+03	-9.154E-02
288	4	7	7.517E-01	-1.115E+00	-9.222E-01	3.768E+03	-5.302E+03	-7.411E+02	1.131E+00	-1.494E+00	-3.897E-01	3.828E+03	-5.362E+03	-8.099E-02
288	4	8	7.524E-01	-1.125E+00	-9.213E-01	3.768E+03	-5.299E+03	-7.402E+02	1.129E+00	-1.502E+00	-3.880E-01	3.828E+03	-5.359E+03	-8.093E-02
288	4	9	6.627E-02	-6.437E+00	1.261E+00	4.527E+03	-3.449E+03	-1.280E+03	3.022E-01	-6.673E+00	1.850E-01	4.727E+03	-3.649E+03	-1.553E-01
288	4	10	6.693E-02	-6.447E+00	1.262E+00	4.527E+03	-3.445E+03	-1.279E+03	3.028E-01	-6.683E+00	1.848E-01	4.727E+03	-3.646E+03	-1.552E-01
288	4	11	2.229E-01	-6.489E+00	8.233E-01	4.425E+03	-3.417E+03	-1.168E+03	3.224E-01	-6.588E+00	1.203E-01	4.595E+03	-3.587E+03	-1.448E-01
288	4	12	2.236E-01	-6.499E+00	8.242E-01	4.425E+03	-3.413E+03	-1.167E+03	3.232E-01	-6.598E+00	1.202E-01	4.595E+03	-3.584E+03	-1.447E-01
288	4	13	6.737E-02	-6.448E+00	1.262E+00	4.526E+03	-3.445E+03	-1.278E+03	3.031E-01	-6.684E+00	1.847E-01	4.726E+03	-3.645E+03	-1.551E-01
288	4	14	6.803E-02	-6.458E+00	1.262E+00	4.527E+03	-3.442E+03	-1.277E+03	3.037E-01	-6.694E+00	1.846E-01	4.727E+03	-3.642E+03	-1.551E-01
288	4	15	2.240E-01	-6.500E+00	8.240E-01	4.424E+03	-3.413E+03	-1.167E+03	3.235E-01	-6.600E+00	1.202E-01	4.594E+03	-3.583E+03	-1.447E-01
288	4	16	2.247E-01	-6.510E+00	8.249E-01	4.425E+03	-3.410E+03	-1.166E+03	3.243E-01	-6.610E+00	1.201E-01	4.594E+03	-3.580E+03	-1.446E-01
289	1	1	1.143E+00	-6.241E-01	-8.559E-01	2.649E+03	2.247E+03	1.419E+03	1.490E+00	-9.707E-01	-3.847E-01	3.882E+03	1.014E+03	7.149E-01
289	1	2	1.142E+00	-6.226E-01	-8.526E-01	2.650E+03	2.247E+03	1.419E+03	1.487E+00	-9.672E-01	-3.842E-01	3.882E+03	1.015E+03	7.150E-01
289	1	3	1.006E+00	-5.808E-01	-7.624E-01	2.688E+03	2.284E+03	1.436E+03	1.313E+00	-8.877E-01	-3.827E-01	3.936E+03	1.036E+03	7.156E-01
289	1	4	1.005E+00	-5.792E-01	-7.590E-01	2.688E+03	2.285E+03	1.435E+03	1.310E+00	-8.842E-01	-3.821E-01	3.936E+03	1.037E+03	7.156E-01
289	1	5	1.138E+00	-6.205E-01	-8.488E-01	2.652E+03	2.249E+03	1.420E+03	1.481E+00	-9.634E-01	-3.839E-01	3.885E+03	1.016E+03	7.150E-01
289	1	6	1.136E+00	-6.189E-01	-8.455E-01	2.652E+03	2.250E+03	1.420E+03	1.477E+00	-9.599E-01	-3.834E-01	3.885E+03	1.017E+03	7.151E-01
289	1	7	1.000E+00	-5.771E-01	-7.552E-01	2.690E+03	2.287E+03	1.436E+03	1.304E+00	-8.804E-01	-3.819E-01	3.939E+03	1.038E+03	7.157E-01
289	1	8	9.988E-01	-5.755E-01	-7.519E-01	2.691E+03	2.288E+03	1.436E+03	1.300E+00	-8.769E-01	-3.812E-01	3.940E+03	1.039E+03	7.157E-01
289	1	9	3.088E-01	-3.120E-01	-1.450E+00	2.948E+03	2.538E+03	1.872E+03	1.482E+00	-1.485E+00	-6.800E-01	4.627E+03	8.596E+02	7.308E-01
289	1	10	3.073E-01	-3.104E-01	-1.447E+00	2.949E+03	2.539E+03	1.872E+03	1.478E+00	-1.481E+00	-6.803E-01	4.627E+03	8.604E+02	7.308E-01
289	1	11	1.715E-01	-2.686E-01	-1.357E+00	2.987E+03	2.576E+03	1.888E+03	1.326E+00	-1.423E+00	-7.050E-01	4.681E+03	8.816E+02	7.312E-01
289	1	12	1.699E-01	-2.670E-01	-1.353E+00	2.987E+03	2.576E+03	1.888E+03	1.322E+00	-1.420E+00	-7.054E-01	4.681E+03	8.824E+02	7.312E-01
289	1	13	3.030E-01	-3.083E-01	-1.443E+00	2.951E+03	2.541E+03	1.873E+03	1.473E+00	-1.478E+00	-6.810E-01	4.630E+03	8.614E+02	7.309E-01
289	1	14	3.015E-01	-3.067E-01	-1.440E+00	2.951E+03	2.541E+03	1.873E+03	1.469E+00	-1.474E+00	-6.813E-01	4.631E+03	8.622E+02	7.309E-01
289	1	15	1.657E-01	-2.649E-01	-1.350E+00	2.989E+03	2.578E+03	1.889E+03	1.317E+00	-1.416E+00	-7.063E-01	4.684E+03	8.834E+02	7.312E-01
289	1	16	1.641E-01	-2.634E-01	-1.346E+00	2.990E+03	2.579E+03	1.889E+03	1.314E+00	-1.413E+00	-7.067E-01	4.685E+03	8.842E+02	7.313E-01
289	2	1	-2.832E-01	4.828E-01	-1.297E+00	3.545E+03	1.565E+03	8.431E+02	1.453E+00	-1.253E+00	2.213E+00	3.855E+03	1.254E+03	3.526E-01
289	2	2	-2.814E-01	4.812E-01	-1.294E+00	3.547E+03	1.565E+03	8.437E+02	1.449E+00	-1.249E+00	2.213E+00	3.857E+03	1.255E+03	3.528E-01
289	2	3	-2.686E-01	4.086E-01	-1.205E+00	3.597E+03	1.584E+03	8.557E+02	1.321E+00	-1.181E+00	2.219E+00	3.912E+03	1.270E+03	3.523E-01
289	2	4	-2.669E-01	4.070E-01	-1.201E+00	3.599E+03	1.585E+03	8.563E+02	1.318E+00	-1.178E+00	2.219E+00	3.914E+03	1.270E+03	3.524E-01
289	2	5	-2.807E-01	4.793E-01	-1.291E+00	3.549E+03	1.567E+03	8.444E+02	1.445E+00	-1.246E+00	2.213E+00	3.860E+03	1.256E+03	3.528E-01
289	2	6	-2.789E-01	4.777E-01	-1.288E+00	3.551E+03	1.568E+03	8.451E+02	1.441E+00	-1.243E+00	2.213E+00	3.862E+03	1.256E+03	3.529E-01
289	2	7	-2.661E-01	4.051E-01	-1.198E+00	3.601E+03	1.586E+03	8.571E+02	1.313E+00	-1.174E+00	2.220E+00	3.916E+03	1.271E+03	3.524E-01
289	2	8	-2.644E-01	4.035E-01	-1.195E+00	3.603E+03	1.587E+03	8.577E+02	1.310E+00	-1.171E+00	2.220E+00	3.918E+03	1.272E+03	3.526E-01
289	2	9	-7.003E-01	1.009E+00	-7.682E-01	3.764E+03	1.303E+03	7.385E+02	1.303E+00	-9.949E-01	1.937E+00	3.968E+03	1.098E+03	2.703E-01
289	2	10	-6.986E-01	1.007E+00	-7.652E-01	3.765E+03	1.304E+03	7.391E+02	1.300E+00	-9.916E-01	1.936E+00	3.970E+03	1.099E+03	2.704E-01

289	2	11	-6.858E-01	9.345E-01	-6.754E-01	3.816E+03	1.323E+03	7.511E+02	1.179E+00	-9.304E-01	1.918E+00	4.025E+03	1.114E+03	2.711E-01
289	2	12	-6.840E-01	9.329E-01	-6.724E-01	3.817E+03	1.324E+03	7.518E+02	1.176E+00	-9.271E-01	1.918E+00	4.026E+03	1.114E+03	2.713E-01
289	2	13	-6.978E-01	1.005E+00	-7.615E-01	3.768E+03	1.305E+03	7.399E+02	1.296E+00	-9.887E-01	1.936E+00	3.973E+03	1.100E+03	2.705E-01
289	2	14	-6.961E-01	1.004E+00	-7.585E-01	3.769E+03	1.306E+03	7.405E+02	1.293E+00	-9.853E-01	1.935E+00	3.975E+03	1.100E+03	2.707E-01
289	2	15	-6.833E-01	9.309E-01	-6.687E-01	3.820E+03	1.325E+03	7.525E+02	1.172E+00	-9.243E-01	1.917E+00	4.029E+03	1.115E+03	2.714E-01
289	2	16	-6.815E-01	9.293E-01	-6.656E-01	3.821E+03	1.326E+03	7.531E+02	1.169E+00	-9.210E-01	1.916E+00	4.031E+03	1.116E+03	2.715E-01
289	3	1	-1.422E+00	-3.675E-02	-6.308E-01	1.889E+03	5.190E+02	1.062E+03	2.074E-01	-1.666E+00	1.940E+00	2.468E+03	-5.976E+01	4.989E-01
289	3	2	-1.419E+00	-3.639E-02	-6.292E-01	1.890E+03	5.191E+02	1.062E+03	2.071E-01	-1.662E+00	1.940E+00	2.469E+03	-5.968E+01	4.989E-01
289	3	3	-1.307E+00	-5.450E-02	-5.940E-01	1.916E+03	5.169E+02	1.073E+03	1.824E-01	-1.544E+00	1.950E+00	2.497E+03	-6.414E+01	4.964E-01
289	3	4	-1.304E+00	-5.415E-02	-5.924E-01	1.917E+03	5.171E+02	1.073E+03	1.821E-01	-1.540E+00	1.950E+00	2.499E+03	-6.407E+01	4.963E-01
289	3	5	-1.415E+00	-3.630E-02	-6.273E-01	1.892E+03	5.192E+02	1.063E+03	2.064E-01	-1.657E+00	1.940E+00	2.471E+03	-5.984E+01	4.988E-01
289	3	6	-1.411E+00	-3.594E-02	-6.257E-01	1.893E+03	5.193E+02	1.063E+03	2.061E-01	-1.653E+00	1.940E+00	2.472E+03	-5.977E+01	4.987E-01
289	3	7	-1.300E+00	-5.405E-02	-5.906E-01	1.919E+03	5.171E+02	1.074E+03	1.814E-01	-1.535E+00	1.950E+00	2.500E+03	-6.423E+01	4.963E-01
289	3	8	-1.296E+00	-5.369E-02	-5.889E-01	1.920E+03	5.173E+02	1.074E+03	1.811E-01	-1.531E+00	1.950E+00	2.501E+03	-6.415E+01	4.962E-01
289	3	9	-8.273E-01	-2.637E-03	-3.827E-01	1.740E+03	4.018E+02	1.136E+03	1.476E-01	-9.775E-01	1.945E+00	2.390E+03	-2.478E+02	5.193E-01
289	3	10	-8.238E-01	-2.278E-03	-3.811E-01	1.741E+03	4.020E+02	1.137E+03	1.473E-01	-9.733E-01	1.945E+00	2.391E+03	-2.477E+02	5.192E-01
289	3	11	-7.123E-01	-2.039E-02	-3.459E-01	1.767E+03	3.998E+02	1.147E+03	1.229E-01	-8.556E-01	1.963E+00	2.419E+03	-2.519E+02	5.166E-01
289	3	12	-7.088E-01	-2.003E-02	-3.443E-01	1.768E+03	3.999E+02	1.147E+03	1.226E-01	-8.514E-01	1.963E+00	2.420E+03	-2.518E+02	5.165E-01
289	3	13	-8.198E-01	-2.184E-03	-3.792E-01	1.743E+03	4.020E+02	1.137E+03	1.466E-01	-9.686E-01	1.945E+00	2.393E+03	-2.479E+02	5.191E-01
289	3	14	-8.163E-01	-1.826E-03	-3.776E-01	1.744E+03	4.022E+02	1.138E+03	1.463E-01	-9.644E-01	1.945E+00	2.394E+03	-2.478E+02	5.190E-01
289	3	15	-7.048E-01	-1.994E-02	-3.425E-01	1.770E+03	4.000E+02	1.148E+03	1.219E-01	-8.467E-01	1.964E+00	2.422E+03	-2.520E+02	5.165E-01
289	3	16	-7.013E-01	-1.958E-02	-3.408E-01	1.771E+03	4.001E+02	1.148E+03	1.216E-01	-8.425E-01	1.963E+00	2.423E+03	-2.519E+02	5.164E-01
289	4	1	2.120E-01	-9.126E-01	-4.623E-01	3.142E+02	1.646E+03	1.135E+03	3.776E-01	-1.078E+00	-3.441E-01	2.296E+03	-3.356E+02	1.051E+00
289	4	2	2.122E-01	-9.091E-01	-4.604E-01	3.141E+02	1.646E+03	1.135E+03	3.770E-01	-1.074E+00	-3.438E-01	2.296E+03	-3.359E+02	1.051E+00
289	4	3	1.751E-01	-8.128E-01	-4.248E-01	3.199E+02	1.668E+03	1.151E+03	3.326E-01	-9.703E-01	-3.551E-01	2.327E+03	-3.400E+02	1.050E+00
289	4	4	1.753E-01	-8.092E-01	-4.229E-01	3.198E+02	1.668E+03	1.151E+03	3.320E-01	-9.659E-01	-3.549E-01	2.328E+03	-3.403E+02	1.050E+00
289	4	5	2.111E-01	-9.049E-01	-4.584E-01	3.144E+02	1.647E+03	1.136E+03	3.753E-01	-1.069E+00	-3.439E-01	2.298E+03	-3.361E+02	1.051E+00
289	4	6	2.114E-01	-9.014E-01	-4.565E-01	3.143E+02	1.647E+03	1.136E+03	3.747E-01	-1.065E+00	-3.436E-01	2.298E+03	-3.364E+02	1.051E+00
289	4	7	1.743E-01	-8.051E-01	-4.209E-01	3.201E+02	1.669E+03	1.152E+03	3.303E-01	-9.612E-01	-3.550E-01	2.329E+03	-3.406E+02	1.050E+00
289	4	8	1.745E-01	-8.016E-01	-4.190E-01	3.200E+02	1.669E+03	1.153E+03	3.297E-01	-9.568E-01	-3.547E-01	2.330E+03	-3.409E+02	1.050E+00
289	4	9	-2.570E-02	-1.554E+00	-7.919E-01	4.907E+02	2.041E+03	1.264E+03	3.106E-01	-1.891E+00	-4.016E-01	2.748E+03	-2.165E+02	1.061E+00
289	4	10	-2.548E-02	-1.551E+00	-7.900E-01	4.906E+02	2.041E+03	1.264E+03	3.099E-01	-1.886E+00	-4.015E-01	2.749E+03	-2.169E+02	1.060E+00
289	4	11	-6.258E-02	-1.455E+00	-7.544E-01	4.964E+02	2.063E+03	1.280E+03	2.679E-01	-1.785E+00	-4.128E-01	2.780E+03	-2.209E+02	1.060E+00
289	4	12	-6.235E-02	-1.451E+00	-7.525E-01	4.963E+02	2.063E+03	1.280E+03	2.672E-01	-1.781E+00	-4.128E-01	2.780E+03	-2.213E+02	1.060E+00
289	4	13	-2.653E-02	-1.547E+00	-7.881E-01	4.909E+02	2.042E+03	1.265E+03	3.083E-01	-1.882E+00	-4.017E-01	2.750E+03	-2.171E+02	1.060E+00
289	4	14	-2.631E-02	-1.543E+00	-7.862E-01	4.908E+02	2.042E+03	1.265E+03	3.076E-01	-1.877E+00	-4.017E-01	2.751E+03	-2.174E+02	1.060E+00
289	4	15	-6.341E-02	-1.447E+00	-7.506E-01	4.966E+02	2.064E+03	1.281E+03	2.656E-01	-1.776E+00	-4.131E-01	2.782E+03	-2.215E+02	1.060E+00
289	4	16	-6.318E-02	-1.443E+00	-7.487E-01	4.965E+02	2.064E+03	1.281E+03	2.649E-01	-1.771E+00	-4.130E-01	2.782E+03	-2.218E+02	1.060E+00
290	1	1	-2.370E+00	2.557E-01	-3.344E-02	-3.602E+03	-6.566E+02	9.789E+02	2.562E-01	-2.370E+00	1.584E+00	-3.609E+02	-3.897E+03	1.277E+00
290	1	2	-2.369E+00	2.552E-01	-3.470E-02	-3.602E+03	-6.562E+02	9.803E+02	2.557E-01	-2.369E+00	1.584E+00	-3.598E+02	-3.898E+03	1.277E+00
290	1	3	-2.351E+00	2.292E-01	-1.259E-01	-3.596E+03	-6.503E+02	1.015E+03	2.354E-01	-2.357E+00	1.619E+00	-3.345E+02	-3.911E+03	1.269E+00
290	1	4	-2.350E+00	2.287E-01	-1.271E-01	-3.595E+03	-6.499E+02	1.016E+03	2.350E-01	-2.356E+00	1.620E+00	-3.334E+02	-3.912E+03	1.269E+00
290	1	5	-2.363E+00	2.545E-01	-3.498E-02	-3.602E+03	-6.562E+02	9.819E+02	2.549E-01	-2.363E+00	1.584E+00	-3.589E+02	-3.900E+03	1.277E+00

290	1	6	-2.361E+00	2.540E-01	-3.623E-02	-3.602E+03	-6.558E+02	9.833E+02	2.545E-01	-2.362E+00	1.585E+00	-3.578E+02	-3.900E+03	1.277E+00
290	1	7	-2.344E+00	2.280E-01	-1.274E-01	-3.596E+03	-6.499E+02	1.018E+03	2.343E-01	-2.350E+00	1.620E+00	-3.325E+02	-3.914E+03	1.269E+00
290	1	8	-2.343E+00	2.275E-01	-1.286E-01	-3.596E+03	-6.495E+02	1.019E+03	2.339E-01	-2.349E+00	1.621E+00	-3.314E+02	-3.914E+03	1.268E+00
290	1	9	1.526E+00	1.255E-01	1.428E+00	-4.036E+03	-7.980E+02	7.345E+02	2.416E+00	-7.643E-01	5.573E-01	-6.392E+02	-4.194E+03	1.358E+00
290	1	10	1.528E+00	1.250E-01	1.426E+00	-4.035E+03	-7.976E+02	7.359E+02	2.416E+00	-7.632E-01	5.569E-01	-6.382E+02	-4.195E+03	1.357E+00
290	1	11	1.545E+00	9.901E-02	1.335E+00	-4.029E+03	-7.917E+02	7.703E+02	2.341E+00	-6.964E-01	5.372E-01	-6.178E+02	-4.203E+03	1.349E+00
290	1	12	1.547E+00	9.851E-02	1.334E+00	-4.029E+03	-7.913E+02	7.717E+02	2.340E+00	-6.953E-01	5.368E-01	-6.168E+02	-4.204E+03	1.348E+00
290	1	13	1.534E+00	1.242E-01	1.426E+00	-4.036E+03	-7.976E+02	7.375E+02	2.420E+00	-7.619E-01	5.559E-01	-6.376E+02	-4.196E+03	1.357E+00
290	1	14	1.535E+00	1.237E-01	1.425E+00	-4.036E+03	-7.972E+02	7.389E+02	2.419E+00	-7.608E-01	5.555E-01	-6.366E+02	-4.197E+03	1.357E+00
290	1	15	1.552E+00	9.772E-02	1.334E+00	-4.030E+03	-7.913E+02	7.733E+02	2.344E+00	-6.941E-01	5.358E-01	-6.161E+02	-4.205E+03	1.348E+00
290	1	16	1.554E+00	9.722E-02	1.332E+00	-4.030E+03	-7.909E+02	7.747E+02	2.344E+00	-6.931E-01	5.353E-01	-6.151E+02	-4.206E+03	1.348E+00
290	2	1	-2.064E+00	-5.276E-02	2.674E-01	-8.431E+03	-1.107E+03	2.004E+01	-1.780E-02	-2.099E+00	1.441E+00	-1.107E+03	-8.432E+03	1.568E+00
290	2	2	-2.062E+00	-5.251E-02	2.667E-01	-8.431E+03	-1.107E+03	2.127E+01	-1.773E-02	-2.097E+00	1.441E+00	-1.107E+03	-8.431E+03	1.568E+00
290	2	3	-2.084E+00	6.639E-03	1.323E-01	-8.394E+03	-1.108E+03	4.822E+01	1.498E-02	-2.092E+00	1.508E+00	-1.108E+03	-8.394E+03	1.564E+00
290	2	4	-2.082E+00	6.885E-03	1.315E-01	-8.394E+03	-1.108E+03	4.945E+01	1.514E-02	-2.091E+00	1.508E+00	-1.107E+03	-8.394E+03	1.564E+00
290	2	5	-2.057E+00	-5.197E-02	2.654E-01	-8.432E+03	-1.107E+03	2.253E+01	-1.745E-02	-2.092E+00	1.441E+00	-1.107E+03	-8.432E+03	1.568E+00
290	2	6	-2.056E+00	-5.172E-02	2.646E-01	-8.432E+03	-1.107E+03	2.376E+01	-1.738E-02	-2.090E+00	1.442E+00	-1.107E+03	-8.432E+03	1.568E+00
290	2	7	-2.077E+00	7.433E-03	1.302E-01	-8.394E+03	-1.108E+03	5.071E+01	1.554E-02	-2.085E+00	1.509E+00	-1.108E+03	-8.395E+03	1.564E+00
290	2	8	-2.076E+00	7.679E-03	1.295E-01	-8.394E+03	-1.108E+03	5.194E+01	1.569E-02	-2.084E+00	1.509E+00	-1.108E+03	-8.395E+03	1.564E+00
290	2	9	1.706E+00	-1.183E+00	1.661E+00	-8.115E+03	-8.362E+02	1.237E+02	2.463E+00	-1.940E+00	4.276E-01	-8.341E+02	-8.117E+03	1.554E+00
290	2	10	1.707E+00	-1.183E+00	1.661E+00	-8.115E+03	-8.361E+02	1.249E+02	2.464E+00	-1.939E+00	4.273E-01	-8.340E+02	-8.117E+03	1.554E+00
290	2	11	1.686E+00	-1.124E+00	1.526E+00	-8.077E+03	-8.372E+02	1.519E+02	2.355E+00	-1.793E+00	4.134E-01	-8.340E+02	-8.081E+03	1.550E+00
290	2	12	1.687E+00	-1.124E+00	1.525E+00	-8.077E+03	-8.371E+02	1.531E+02	2.356E+00	-1.792E+00	4.131E-01	-8.339E+02	-8.081E+03	1.550E+00
290	2	13	1.712E+00	-1.182E+00	1.659E+00	-8.116E+03	-8.364E+02	1.262E+02	2.467E+00	-1.937E+00	4.267E-01	-8.342E+02	-8.118E+03	1.553E+00
290	2	14	1.714E+00	-1.182E+00	1.658E+00	-8.115E+03	-8.363E+02	1.274E+02	2.468E+00	-1.936E+00	4.265E-01	-8.341E+02	-8.118E+03	1.553E+00
290	2	15	1.692E+00	-1.123E+00	1.524E+00	-8.078E+03	-8.374E+02	1.544E+02	2.360E+00	-1.790E+00	4.125E-01	-8.341E+02	-8.081E+03	1.549E+00
290	2	16	1.694E+00	-1.123E+00	1.523E+00	-8.078E+03	-8.373E+02	1.556E+02	2.360E+00	-1.789E+00	4.123E-01	-8.340E+02	-8.081E+03	1.549E+00
290	3	1	-1.762E+00	-5.677E-02	-3.338E-02	-3.705E+03	-3.141E+02	4.146E+01	-5.612E-02	-1.762E+00	1.590E+00	-3.136E+02	-3.705E+03	1.559E+00
290	3	2	-1.760E+00	-5.766E-02	-3.464E-02	-3.704E+03	-3.137E+02	4.265E+01	-5.695E-02	-1.760E+00	1.591E+00	-3.132E+02	-3.705E+03	1.558E+00
290	3	3	-1.820E+00	-5.026E-02	-1.258E-01	-3.692E+03	-3.065E+02	7.682E+01	-4.136E-02	-1.829E+00	1.641E+00	-3.047E+02	-3.694E+03	1.548E+00
290	3	4	-1.818E+00	-5.114E-02	-1.271E-01	-3.692E+03	-3.061E+02	7.801E+01	-4.205E-02	-1.827E+00	1.642E+00	-3.043E+02	-3.694E+03	1.548E+00
290	3	5	-1.756E+00	-5.763E-02	-3.492E-02	-3.705E+03	-3.134E+02	4.408E+01	-5.691E-02	-1.756E+00	1.591E+00	-3.128E+02	-3.705E+03	1.558E+00
290	3	6	-1.754E+00	-5.851E-02	-3.618E-02	-3.704E+03	-3.130E+02	4.528E+01	-5.774E-02	-1.754E+00	1.592E+00	-3.124E+02	-3.705E+03	1.557E+00
290	3	7	-1.814E+00	-5.111E-02	-1.274E-01	-3.692E+03	-3.058E+02	7.944E+01	-4.196E-02	-1.824E+00	1.643E+00	-3.039E+02	-3.694E+03	1.547E+00
290	3	8	-1.812E+00	-5.200E-02	-1.286E-01	-3.692E+03	-3.054E+02	8.063E+01	-4.265E-02	-1.822E+00	1.643E+00	-3.035E+02	-3.694E+03	1.547E+00
290	3	9	1.890E+00	2.501E-02	1.428E+00	-4.070E+03	-2.162E+02	1.483E+02	2.663E+00	-7.481E-01	4.962E-01	-2.105E+02	-4.076E+03	1.532E+00
290	3	10	1.892E+00	2.412E-02	1.427E+00	-4.070E+03	-2.158E+02	1.495E+02	2.663E+00	-7.473E-01	4.956E-01	-2.100E+02	-4.075E+03	1.532E+00
290	3	11	1.831E+00	3.152E-02	1.336E+00	-4.057E+03	-2.085E+02	1.837E+02	2.542E+00	-6.792E-01	4.890E-01	-1.998E+02	-4.066E+03	1.523E+00
290	3	12	1.833E+00	3.064E-02	1.334E+00	-4.057E+03	-2.082E+02	1.849E+02	2.542E+00	-6.784E-01	4.884E-01	-1.993E+02	-4.066E+03	1.523E+00
290	3	13	1.896E+00	2.415E-02	1.427E+00	-4.070E+03	-2.155E+02	1.509E+02	2.666E+00	-7.461E-01	4.951E-01	-2.096E+02	-4.076E+03	1.532E+00
290	3	14	1.898E+00	2.326E-02	1.425E+00	-4.070E+03	-2.151E+02	1.521E+02	2.667E+00	-7.453E-01	4.945E-01	-2.091E+02	-4.076E+03	1.531E+00
290	3	15	1.837E+00	3.066E-02	1.334E+00	-4.057E+03	-2.078E+02	1.863E+02	2.545E+00	-6.772E-01	4.878E-01	-1.988E+02	-4.066E+03	1.523E+00
290	3	16	1.839E+00	2.978E-02	1.333E+00	-4.057E+03	-2.075E+02	1.875E+02	2.545E+00	-6.764E-01	4.872E-01	-1.983E+02	-4.066E+03	1.522E+00

290	4	1	-2.064E+00	2.644E-01	-3.494E-01	9.844E+02	-2.557E+02	3.891E+02	3.157E-01	-2.115E+00	1.717E+00	1.096E+03	-3.677E+02	2.802E-01
290	4	2	-2.062E+00	2.628E-01	-3.512E-01	9.849E+02	-2.549E+02	3.899E+02	3.147E-01	-2.114E+00	1.717E+00	1.097E+03	-3.673E+02	2.807E-01
290	4	3	-2.084E+00	1.850E-01	-3.991E-01	9.656E+02	-2.379E+02	4.062E+02	2.532E-01	-2.152E+00	1.740E+00	1.090E+03	-3.622E+02	2.969E-01
290	4	4	-2.082E+00	1.834E-01	-4.009E-01	9.662E+02	-2.371E+02	4.070E+02	2.522E-01	-2.151E+00	1.741E+00	1.091E+03	-3.619E+02	2.974E-01
290	4	5	-2.057E+00	2.615E-01	-3.504E-01	9.844E+02	-2.542E+02	3.907E+02	3.133E-01	-2.109E+00	1.718E+00	1.097E+03	-3.672E+02	2.814E-01
290	4	6	-2.056E+00	2.598E-01	-3.521E-01	9.849E+02	-2.534E+02	3.915E+02	3.122E-01	-2.108E+00	1.718E+00	1.098E+03	-3.668E+02	2.819E-01
290	4	7	-2.077E+00	1.821E-01	-4.001E-01	9.656E+02	-2.365E+02	4.078E+02	2.509E-01	-2.146E+00	1.741E+00	1.091E+03	-3.618E+02	2.981E-01
290	4	8	-2.076E+00	1.805E-01	-4.019E-01	9.662E+02	-2.357E+02	4.086E+02	2.499E-01	-2.145E+00	1.742E+00	1.092E+03	-3.614E+02	2.986E-01
290	4	9	1.707E+00	1.321E+00	1.210E+00	1.492E+02	-4.995E+02	2.466E+02	2.739E+00	2.891E-01	7.063E-01	2.323E+02	-5.826E+02	3.250E-01
290	4	10	1.708E+00	1.319E+00	1.208E+00	1.497E+02	-4.987E+02	2.474E+02	2.737E+00	2.906E-01	7.056E-01	2.333E+02	-5.823E+02	3.259E-01
290	4	11	1.687E+00	1.242E+00	1.160E+00	1.304E+02	-4.818E+02	2.636E+02	2.645E+00	2.833E-01	6.906E-01	2.283E+02	-5.796E+02	3.555E-01
290	4	12	1.689E+00	1.240E+00	1.158E+00	1.310E+02	-4.810E+02	2.644E+02	2.644E+00	2.847E-01	6.898E-01	2.294E+02	-5.794E+02	3.563E-01
290	4	13	1.713E+00	1.318E+00	1.209E+00	1.492E+02	-4.980E+02	2.482E+02	2.740E+00	2.911E-01	7.043E-01	2.334E+02	-5.823E+02	3.271E-01
290	4	14	1.715E+00	1.317E+00	1.207E+00	1.497E+02	-4.973E+02	2.490E+02	2.739E+00	2.926E-01	7.036E-01	2.345E+02	-5.820E+02	3.280E-01
290	4	15	1.694E+00	1.239E+00	1.159E+00	1.305E+02	-4.803E+02	2.653E+02	2.647E+00	2.851E-01	6.885E-01	2.296E+02	-5.794E+02	3.576E-01
290	4	16	1.695E+00	1.237E+00	1.157E+00	1.310E+02	-4.795E+02	2.660E+02	2.646E+00	2.865E-01	6.877E-01	2.307E+02	-5.792E+02	3.584E-01
291	1	1	-2.091E+00	2.509E-01	1.041E-01	-3.636E+03	-6.744E+02	-1.102E+03	2.555E-01	-2.096E+00	1.526E+00	-3.093E+02	-4.001E+03	1.891E+00
291	1	2	-2.093E+00	2.514E-01	1.028E-01	-3.636E+03	-6.748E+02	-1.101E+03	2.559E-01	-2.097E+00	1.527E+00	-3.105E+02	-4.000E+03	1.890E+00
291	1	3	-2.660E+00	3.134E-01	9.686E-02	-3.550E+03	-6.550E+02	-1.047E+03	3.166E-01	-2.663E+00	1.538E+00	-3.160E+02	-3.889E+03	1.884E+00
291	1	4	-2.661E+00	3.139E-01	9.560E-02	-3.550E+03	-6.554E+02	-1.046E+03	3.170E-01	-2.664E+00	1.539E+00	-3.172E+02	-3.888E+03	1.884E+00
291	1	5	-2.093E+00	2.515E-01	1.027E-01	-3.636E+03	-6.751E+02	-1.100E+03	2.560E-01	-2.097E+00	1.527E+00	-3.114E+02	-4.000E+03	1.890E+00
291	1	6	-2.094E+00	2.520E-01	1.014E-01	-3.637E+03	-6.755E+02	-1.098E+03	2.564E-01	-2.098E+00	1.528E+00	-3.126E+02	-3.999E+03	1.890E+00
291	1	7	-2.661E+00	3.141E-01	9.545E-02	-3.550E+03	-6.557E+02	-1.045E+03	3.172E-01	-2.664E+00	1.539E+00	-3.181E+02	-3.888E+03	1.883E+00
291	1	8	-2.662E+00	3.146E-01	9.419E-02	-3.551E+03	-6.561E+02	-1.043E+03	3.176E-01	-2.665E+00	1.539E+00	-3.193E+02	-3.887E+03	1.883E+00
291	1	9	1.847E+00	4.290E-02	-1.404E+00	-4.087E+03	-8.040E+02	-6.676E+02	2.614E+00	-7.241E-01	-4.999E-01	-6.734E+02	-4.218E+03	1.764E+00
291	1	10	1.846E+00	4.340E-02	-1.406E+00	-4.087E+03	-8.044E+02	-6.662E+02	2.615E+00	-7.250E-01	-5.003E-01	-6.743E+02	-4.217E+03	1.764E+00
291	1	11	1.279E+00	1.055E-01	-1.412E+00	-4.001E+03	-7.846E+02	-6.125E+02	2.221E+00	-8.364E-01	-5.884E-01	-6.719E+02	-4.114E+03	1.753E+00
291	1	12	1.278E+00	1.060E-01	-1.413E+00	-4.001E+03	-7.850E+02	-6.111E+02	2.222E+00	-8.376E-01	-5.888E-01	-6.728E+02	-4.113E+03	1.752E+00
291	1	13	1.846E+00	4.358E-02	-1.406E+00	-4.088E+03	-8.047E+02	-6.652E+02	2.615E+00	-7.250E-01	-5.003E-01	-6.751E+02	-4.217E+03	1.763E+00
291	1	14	1.845E+00	4.408E-02	-1.407E+00	-4.088E+03	-8.051E+02	-6.638E+02	2.615E+00	-7.259E-01	-5.007E-01	-6.760E+02	-4.217E+03	1.763E+00
291	1	15	1.278E+00	1.062E-01	-1.413E+00	-4.002E+03	-7.853E+02	-6.101E+02	2.222E+00	-8.376E-01	-5.888E-01	-6.735E+02	-4.113E+03	1.752E+00
291	1	16	1.277E+00	1.067E-01	-1.414E+00	-4.002E+03	-7.857E+02	-6.087E+02	2.222E+00	-8.388E-01	-5.893E-01	-6.743E+02	-4.113E+03	1.752E+00
291	2	1	-1.843E+00	1.369E-01	3.353E-01	9.160E+02	-2.155E+02	-4.647E+02	1.921E-01	-1.898E+00	1.408E+00	1.082E+03	-3.819E+02	-3.438E-01
291	2	2	-1.844E+00	1.385E-01	3.335E-01	9.154E+02	-2.163E+02	-4.639E+02	1.931E-01	-1.899E+00	1.409E+00	1.081E+03	-3.822E+02	-3.434E-01
291	2	3	-2.327E+00	2.003E-01	4.211E-01	1.047E+03	-2.281E+02	-4.808E+02	2.686E-01	-2.395E+00	1.410E+00	1.208E+03	-3.891E+02	-3.232E-01
291	2	4	-2.328E+00	2.019E-01	4.193E-01	1.046E+03	-2.289E+02	-4.800E+02	2.696E-01	-2.396E+00	1.411E+00	1.207E+03	-3.894E+02	-3.227E-01
291	2	5	-1.844E+00	1.389E-01	3.335E-01	9.149E+02	-2.167E+02	-4.633E+02	1.935E-01	-1.899E+00	1.409E+00	1.080E+03	-3.822E+02	-3.430E-01
291	2	6	-1.846E+00	1.405E-01	3.318E-01	9.144E+02	-2.175E+02	-4.625E+02	1.945E-01	-1.900E+00	1.410E+00	1.079E+03	-3.825E+02	-3.425E-01
291	2	7	-2.328E+00	2.023E-01	4.193E-01	1.046E+03	-2.293E+02	-4.794E+02	2.700E-01	-2.396E+00	1.411E+00	1.206E+03	-3.894E+02	-3.224E-01
291	2	8	-2.330E+00	2.040E-01	4.176E-01	1.045E+03	-2.301E+02	-4.786E+02	2.710E-01	-2.397E+00	1.412E+00	1.205E+03	-3.897E+02	-3.219E-01
291	2	9	1.952E+00	1.317E+00	-1.248E+00	4.909E+01	-5.300E+02	-1.527E+02	2.922E+00	3.467E-01	-6.608E-01	8.686E+01	-5.678E+02	-2.426E-01
291	2	10	1.950E+00	1.319E+00	-1.250E+00	4.853E+01	-5.308E+02	-1.519E+02	2.924E+00	3.454E-01	-6.616E-01	8.592E+01	-5.682E+02	-2.414E-01
291	2	11	1.468E+00	1.380E+00	-1.162E+00	1.798E+02	-5.426E+02	-1.688E+02	2.587E+00	2.613E-01	-7.665E-01	2.173E+02	-5.801E+02	-2.185E-01

291	2	12	1.467E+00	1.382E+00	-1.164E+00	1.793E+02	-5.434E+02	-1.680E+02	2.589E+00	2.596E-01	-7.672E-01	2.164E+02	-5.805E+02	-2.176E-01
291	2	13	1.951E+00	1.319E+00	-1.250E+00	4.805E+01	-5.313E+02	-1.512E+02	2.924E+00	3.457E-01	-6.616E-01	8.512E+01	-5.683E+02	-2.405E-01
291	2	14	1.949E+00	1.321E+00	-1.251E+00	4.749E+01	-5.321E+02	-1.504E+02	2.925E+00	3.444E-01	-6.624E-01	8.419E+01	-5.688E+02	-2.393E-01
291	2	15	1.467E+00	1.382E+00	-1.164E+00	1.788E+02	-5.438E+02	-1.673E+02	2.589E+00	2.599E-01	-7.672E-01	2.156E+02	-5.807E+02	-2.168E-01
291	2	16	1.465E+00	1.384E+00	-1.166E+00	1.782E+02	-5.446E+02	-1.665E+02	2.591E+00	2.582E-01	-7.680E-01	2.147E+02	-5.811E+02	-2.158E-01
291	3	1	-1.598E+00	-2.952E-02	1.041E-01	-3.739E+03	-3.005E+02	-2.600E+02	-2.264E-02	-1.605E+00	1.505E+00	-2.809E+02	-3.759E+03	1.646E+00
291	3	2	-1.600E+00	-2.863E-02	1.028E-01	-3.740E+03	-3.008E+02	-2.587E+02	-2.193E-02	-1.607E+00	1.506E+00	-2.815E+02	-3.759E+03	1.645E+00
291	3	3	-1.997E+00	-3.885E-02	9.682E-02	-3.671E+03	-3.156E+02	-2.053E+02	-3.407E-02	-2.002E+00	1.522E+00	-3.031E+02	-3.684E+03	1.632E+00
291	3	4	-1.999E+00	-3.797E-02	9.556E-02	-3.672E+03	-3.160E+02	-2.041E+02	-3.332E-02	-2.004E+00	1.522E+00	-3.036E+02	-3.684E+03	1.631E+00
291	3	5	-1.599E+00	-2.857E-02	1.026E-01	-3.740E+03	-3.011E+02	-2.578E+02	-2.189E-02	-1.606E+00	1.506E+00	-2.819E+02	-3.759E+03	1.645E+00
291	3	6	-1.602E+00	-2.769E-02	1.014E-01	-3.741E+03	-3.015E+02	-2.566E+02	-2.118E-02	-1.608E+00	1.507E+00	-2.824E+02	-3.760E+03	1.645E+00
291	3	7	-1.999E+00	-3.791E-02	9.540E-02	-3.672E+03	-3.162E+02	-2.031E+02	-3.327E-02	-2.003E+00	1.522E+00	-3.040E+02	-3.684E+03	1.631E+00
291	3	8	-2.001E+00	-3.702E-02	9.415E-02	-3.672E+03	-3.166E+02	-2.019E+02	-3.252E-02	-2.005E+00	1.523E+00	-3.045E+02	-3.685E+03	1.631E+00
291	3	9	2.059E+00	2.347E-02	-1.405E+00	-4.103E+03	-2.163E+02	9.075E+00	2.776E+00	-6.936E-01	-4.719E-01	-2.163E+02	-4.103E+03	1.568E+00
291	3	10	2.057E+00	2.435E-02	-1.406E+00	-4.103E+03	-2.167E+02	1.029E+01	2.775E+00	-6.943E-01	-4.725E-01	-2.166E+02	-4.103E+03	1.568E+00
291	3	11	1.660E+00	1.413E-02	-1.412E+00	-4.035E+03	-2.314E+02	6.375E+01	2.471E+00	-7.974E-01	-5.216E-01	-2.304E+02	-4.036E+03	1.554E+00
291	3	12	1.658E+00	1.502E-02	-1.413E+00	-4.035E+03	-2.318E+02	6.497E+01	2.471E+00	-7.983E-01	-5.222E-01	-2.307E+02	-4.036E+03	1.554E+00
291	3	13	2.057E+00	2.441E-02	-1.406E+00	-4.104E+03	-2.170E+02	1.126E+01	2.776E+00	-6.943E-01	-4.725E-01	-2.169E+02	-4.104E+03	1.568E+00
291	3	14	2.055E+00	2.529E-02	-1.408E+00	-4.104E+03	-2.173E+02	1.247E+01	2.775E+00	-6.951E-01	-4.730E-01	-2.173E+02	-4.104E+03	1.568E+00
291	3	15	1.658E+00	1.507E-02	-1.414E+00	-4.036E+03	-2.321E+02	6.594E+01	2.471E+00	-7.983E-01	-5.222E-01	-2.310E+02	-4.037E+03	1.553E+00
291	3	16	1.656E+00	1.596E-02	-1.415E+00	-4.036E+03	-2.325E+02	6.715E+01	2.471E+00	-7.993E-01	-5.228E-01	-2.313E+02	-4.037E+03	1.553E+00
291	4	1	-1.843E+00	-6.221E-03	-1.099E-01	-8.425E+03	-1.116E+03	-5.996E+01	3.351E-04	-1.850E+00	1.630E+00	-1.115E+03	-8.425E+03	1.579E+00
291	4	2	-1.845E+00	-6.467E-03	-1.107E-01	-8.425E+03	-1.116E+03	-5.872E+01	1.762E-04	-1.851E+00	1.631E+00	-1.116E+03	-8.425E+03	1.579E+00
291	4	3	-2.327E+00	-1.640E-02	-2.102E-01	-8.402E+03	-1.095E+03	-2.159E+01	2.567E-03	-2.346E+00	1.661E+00	-1.095E+03	-8.402E+03	1.574E+00
291	4	4	-2.328E+00	-1.665E-02	-2.110E-01	-8.401E+03	-1.095E+03	-2.035E+01	2.448E-03	-2.347E+00	1.661E+00	-1.095E+03	-8.401E+03	1.574E+00
291	4	5	-1.844E+00	-6.627E-03	-1.110E-01	-8.425E+03	-1.116E+03	-5.769E+01	5.415E-05	-1.851E+00	1.631E+00	-1.116E+03	-8.426E+03	1.579E+00
291	4	6	-1.846E+00	-6.872E-03	-1.118E-01	-8.425E+03	-1.116E+03	-5.645E+01	-1.040E-04	-1.853E+00	1.631E+00	-1.116E+03	-8.426E+03	1.579E+00
291	4	7	-2.328E+00	-1.681E-02	-2.113E-01	-8.402E+03	-1.095E+03	-1.932E+01	2.346E-03	-2.347E+00	1.661E+00	-1.095E+03	-8.402E+03	1.573E+00
291	4	8	-2.330E+00	-1.705E-02	-2.120E-01	-8.402E+03	-1.095E+03	-1.808E+01	2.227E-03	-2.349E+00	1.661E+00	-1.095E+03	-8.402E+03	1.573E+00
291	4	9	1.951E+00	-1.160E+00	-1.578E+00	-8.106E+03	-8.527E+02	1.561E+02	2.612E+00	-1.820E+00	-3.964E-01	-8.493E+02	-8.109E+03	1.549E+00
291	4	10	1.949E+00	-1.160E+00	-1.579E+00	-8.106E+03	-8.527E+02	1.573E+02	2.611E+00	-1.821E+00	-3.966E-01	-8.493E+02	-8.109E+03	1.549E+00
291	4	11	1.467E+00	-1.170E+00	-1.679E+00	-8.082E+03	-8.313E+02	1.945E+02	2.283E+00	-1.986E+00	-4.525E-01	-8.260E+02	-8.088E+03	1.544E+00
291	4	12	1.466E+00	-1.170E+00	-1.679E+00	-8.082E+03	-8.313E+02	1.957E+02	2.283E+00	-1.987E+00	-4.527E-01	-8.260E+02	-8.088E+03	1.544E+00
291	4	13	1.950E+00	-1.160E+00	-1.580E+00	-8.106E+03	-8.530E+02	1.584E+02	2.611E+00	-1.822E+00	-3.966E-01	-8.496E+02	-8.110E+03	1.549E+00
291	4	14	1.948E+00	-1.161E+00	-1.580E+00	-8.106E+03	-8.531E+02	1.596E+02	2.610E+00	-1.823E+00	-3.969E-01	-8.496E+02	-8.110E+03	1.549E+00
291	4	15	1.466E+00	-1.170E+00	-1.680E+00	-8.083E+03	-8.316E+02	1.967E+02	2.283E+00	-1.988E+00	-4.527E-01	-8.263E+02	-8.088E+03	1.544E+00
291	4	16	1.464E+00	-1.171E+00	-1.681E+00	-8.083E+03	-8.317E+02	1.980E+02	2.282E+00	-1.989E+00	-4.530E-01	-8.263E+02	-8.088E+03	1.544E+00
292	1	1	1.048E+00	-6.639E-01	1.575E+00	2.675E+03	2.261E+03	-1.470E+03	1.985E+00	-1.601E+00	5.365E-01	3.952E+03	9.836E+02	-7.155E-01
292	1	2	1.050E+00	-6.655E-01	1.579E+00	2.674E+03	2.260E+03	-1.470E+03	1.989E+00	-1.604E+00	5.366E-01	3.951E+03	9.828E+02	-7.155E-01
292	1	3	1.399E+00	-8.020E-01	1.811E+00	2.566E+03	2.157E+03	-1.412E+03	2.418E+00	-1.821E+00	5.124E-01	3.788E+03	9.349E+02	-7.136E-01
292	1	4	1.401E+00	-8.036E-01	1.815E+00	2.565E+03	2.156E+03	-1.412E+03	2.422E+00	-1.824E+00	5.125E-01	3.787E+03	9.341E+02	-7.135E-01
292	1	5	1.051E+00	-6.659E-01	1.580E+00	2.673E+03	2.259E+03	-1.470E+03	1.990E+00	-1.605E+00	5.365E-01	3.951E+03	9.815E+02	-7.155E-01
292	1	6	1.052E+00	-6.675E-01	1.583E+00	2.673E+03	2.258E+03	-1.470E+03	1.994E+00	-1.609E+00	5.366E-01	3.950E+03	9.807E+02	-7.154E-01

292	1	7	1.402E+00	-8.040E-01	1.815E+00	2.564E+03	2.155E+03	-1.412E+03	2.423E+00	-1.825E+00	5.124E-01	3.787E+03	9.328E+02	-7.135E-01
292	1	8	1.403E+00	-8.056E-01	1.819E+00	2.564E+03	2.155E+03	-1.412E+03	2.427E+00	-1.829E+00	5.125E-01	3.786E+03	9.320E+02	-7.135E-01
292	1	9	-8.286E-02	-1.022E-01	4.258E-01	3.059E+03	2.648E+03	-1.901E+03	3.334E-01	-5.185E-01	7.740E-01	4.766E+03	9.411E+02	-7.315E-01
292	1	10	-8.133E-02	-1.038E-01	4.291E-01	3.058E+03	2.647E+03	-1.901E+03	3.367E-01	-5.218E-01	7.723E-01	4.765E+03	9.402E+02	-7.315E-01
292	1	11	2.683E-01	-2.404E-01	6.617E-01	2.950E+03	2.544E+03	-1.843E+03	7.228E-01	-6.949E-01	6.019E-01	4.601E+03	8.925E+02	-7.305E-01
292	1	12	2.698E-01	-2.419E-01	6.650E-01	2.949E+03	2.543E+03	-1.843E+03	7.265E-01	-6.986E-01	6.018E-01	4.600E+03	8.917E+02	-7.305E-01
292	1	13	-8.048E-02	-1.043E-01	4.300E-01	3.058E+03	2.646E+03	-1.902E+03	3.377E-01	-5.225E-01	7.716E-01	4.764E+03	9.390E+02	-7.315E-01
292	1	14	-7.894E-02	-1.059E-01	4.333E-01	3.057E+03	2.645E+03	-1.902E+03	3.411E-01	-5.259E-01	7.699E-01	4.764E+03	9.381E+02	-7.314E-01
292	1	15	2.706E-01	-2.424E-01	6.659E-01	2.949E+03	2.542E+03	-1.844E+03	7.277E-01	-6.994E-01	6.015E-01	4.600E+03	8.905E+02	-7.305E-01
292	1	16	2.722E-01	-2.440E-01	6.692E-01	2.948E+03	2.541E+03	-1.844E+03	7.313E-01	-7.031E-01	6.014E-01	4.599E+03	8.896E+02	-7.304E-01
292	2	1	1.600E-01	-1.689E+00	2.546E-01	3.291E+02	1.692E+03	-1.103E+03	1.944E-01	-1.724E+00	1.344E-01	2.307E+03	-2.855E+02	2.079E+00
292	2	2	1.598E-01	-1.693E+00	2.565E-01	3.292E+02	1.692E+03	-1.102E+03	1.946E-01	-1.728E+00	1.351E-01	2.306E+03	-2.852E+02	2.079E+00
292	2	3	2.470E-01	-1.942E+00	3.574E-01	3.077E+02	1.619E+03	-1.061E+03	3.039E-01	-1.999E+00	1.578E-01	2.211E+03	-2.841E+02	2.079E+00
292	2	4	2.468E-01	-1.946E+00	3.593E-01	3.078E+02	1.619E+03	-1.061E+03	3.042E-01	-2.003E+00	1.584E-01	2.211E+03	-2.838E+02	2.079E+00
292	2	5	1.601E-01	-1.694E+00	2.570E-01	3.291E+02	1.691E+03	-1.102E+03	1.950E-01	-1.729E+00	1.352E-01	2.306E+03	-2.851E+02	2.079E+00
292	2	6	1.598E-01	-1.697E+00	2.589E-01	3.292E+02	1.691E+03	-1.101E+03	1.953E-01	-1.733E+00	1.360E-01	2.305E+03	-2.847E+02	2.079E+00
292	2	7	2.471E-01	-1.947E+00	3.598E-01	3.076E+02	1.619E+03	-1.061E+03	3.046E-01	-2.004E+00	1.585E-01	2.210E+03	-2.836E+02	2.079E+00
292	2	8	2.469E-01	-1.950E+00	3.617E-01	3.077E+02	1.618E+03	-1.060E+03	3.049E-01	-2.008E+00	1.590E-01	2.209E+03	-2.833E+02	2.079E+00
292	2	9	-1.022E-01	-4.513E-01	8.756E-01	5.066E+02	2.089E+03	-1.346E+03	6.161E-01	-1.170E+00	6.870E-01	2.859E+03	-2.634E+02	2.090E+00
292	2	10	-1.024E-01	-4.548E-01	8.775E-01	5.067E+02	2.089E+03	-1.346E+03	6.164E-01	-1.174E+00	6.863E-01	2.859E+03	-2.631E+02	2.090E+00
292	2	11	-1.514E-02	-7.040E-01	9.783E-01	4.852E+02	2.017E+03	-1.305E+03	6.776E-01	-1.397E+00	6.161E-01	2.764E+03	-2.620E+02	2.091E+00
292	2	12	-1.536E-02	-7.076E-01	9.802E-01	4.853E+02	2.016E+03	-1.304E+03	6.781E-01	-1.401E+00	6.157E-01	2.763E+03	-2.617E+02	2.091E+00
292	2	13	-1.021E-01	-4.557E-01	8.780E-01	5.066E+02	2.089E+03	-1.345E+03	6.167E-01	-1.175E+00	6.860E-01	2.858E+03	-2.630E+02	2.090E+00
292	2	14	-1.023E-01	-4.593E-01	8.799E-01	5.067E+02	2.088E+03	-1.345E+03	6.170E-01	-1.179E+00	6.853E-01	2.858E+03	-2.626E+02	2.090E+00
292	2	15	-1.505E-02	-7.085E-01	9.807E-01	4.851E+02	2.016E+03	-1.304E+03	6.784E-01	-1.402E+00	6.155E-01	2.762E+03	-2.616E+02	2.091E+00
292	2	16	-1.528E-02	-7.120E-01	9.826E-01	4.852E+02	2.016E+03	-1.304E+03	6.789E-01	-1.406E+00	6.150E-01	2.762E+03	-2.612E+02	2.091E+00
292	3	1	-1.517E+00	-2.455E-02	6.997E-01	1.993E+03	5.155E+02	-1.063E+03	2.522E-01	-1.794E+00	1.194E+00	2.549E+03	-4.019E+01	-4.817E-01
292	3	2	-1.521E+00	-2.491E-02	7.014E-01	1.992E+03	5.154E+02	-1.063E+03	2.525E-01	-1.798E+00	1.194E+00	2.548E+03	-4.026E+01	-4.818E-01
292	3	3	-1.808E+00	-7.188E-03	8.100E-01	1.945E+03	5.254E+02	-1.037E+03	3.035E-01	-2.119E+00	1.205E+00	2.492E+03	-2.176E+01	-4.854E-01
292	3	4	-1.811E+00	-7.546E-03	8.116E-01	1.944E+03	5.253E+02	-1.037E+03	3.038E-01	-2.123E+00	1.204E+00	2.491E+03	-2.183E+01	-4.854E-01
292	3	5	-1.521E+00	-2.501E-02	7.018E-01	1.991E+03	5.153E+02	-1.062E+03	2.526E-01	-1.799E+00	1.194E+00	2.547E+03	-4.018E+01	-4.818E-01
292	3	6	-1.525E+00	-2.536E-02	7.034E-01	1.990E+03	5.152E+02	-1.062E+03	2.529E-01	-1.803E+00	1.194E+00	2.545E+03	-4.025E+01	-4.819E-01
292	3	7	-1.812E+00	-7.646E-03	8.120E-01	1.943E+03	5.252E+02	-1.037E+03	3.040E-01	-2.124E+00	1.204E+00	2.490E+03	-2.175E+01	-4.855E-01
292	3	8	-1.816E+00	-8.004E-03	8.136E-01	1.942E+03	5.250E+02	-1.036E+03	3.043E-01	-2.128E+00	1.204E+00	2.489E+03	-2.183E+01	-4.856E-01
292	3	9	-3.473E-01	-5.607E-02	1.797E-01	1.686E+03	3.894E+02	-1.165E+03	2.964E-02	-4.330E-01	1.126E+00	2.371E+03	-2.957E+02	-5.316E-01
292	3	10	-3.508E-01	-5.643E-02	1.814E-01	1.685E+03	3.892E+02	-1.165E+03	2.996E-02	-4.372E-01	1.126E+00	2.370E+03	-2.958E+02	-5.316E-01
292	3	11	-6.380E-01	-3.871E-02	2.900E-01	1.638E+03	3.992E+02	-1.139E+03	7.863E-02	-7.554E-01	1.186E+00	2.315E+03	-2.784E+02	-5.365E-01
292	3	12	-6.415E-01	-3.907E-02	2.916E-01	1.637E+03	3.991E+02	-1.139E+03	7.896E-02	-7.595E-01	1.186E+00	2.314E+03	-2.785E+02	-5.366E-01
292	3	13	-3.514E-01	-5.653E-02	1.818E-01	1.684E+03	3.892E+02	-1.164E+03	3.010E-02	-4.381E-01	1.126E+00	2.369E+03	-2.957E+02	-5.317E-01
292	3	14	-3.549E-01	-5.689E-02	1.834E-01	1.683E+03	3.890E+02	-1.164E+03	3.042E-02	-4.423E-01	1.127E+00	2.367E+03	-2.958E+02	-5.318E-01
292	3	15	-6.421E-01	-3.917E-02	2.920E-01	1.636E+03	3.990E+02	-1.139E+03	7.908E-02	-7.604E-01	1.186E+00	2.313E+03	-2.784E+02	-5.366E-01
292	3	16	-6.456E-01	-3.953E-02	2.937E-01	1.635E+03	3.989E+02	-1.138E+03	7.941E-02	-7.646E-01	1.186E+00	2.312E+03	-2.785E+02	-5.367E-01
292	4	1	-2.034E-01	2.671E-01	1.404E+00	3.464E+03	1.642E+03	-9.085E+02	1.455E+00	-1.391E+00	8.684E-01	3.839E+03	1.267E+03	-3.921E-01

292	4	2	-2.052E-01	2.687E-01	1.407E+00	3.462E+03	1.641E+03	-9.079E+02	1.458E+00	-1.395E+00	8.688E-01	3.837E+03	1.266E+03	-3.920E-01
292	4	3	-2.300E-01	3.991E-01	1.647E+00	3.347E+03	1.607E+03	-9.240E+02	1.761E+00	-1.592E+00	8.798E-01	3.746E+03	1.208E+03	-4.077E-01
292	4	4	-2.318E-01	4.007E-01	1.650E+00	3.345E+03	1.606E+03	-9.234E+02	1.765E+00	-1.596E+00	8.801E-01	3.744E+03	1.207E+03	-4.076E-01
292	4	5	-2.052E-01	2.691E-01	1.408E+00	3.461E+03	1.641E+03	-9.073E+02	1.459E+00	-1.395E+00	8.689E-01	3.836E+03	1.266E+03	-3.919E-01
292	4	6	-2.070E-01	2.707E-01	1.411E+00	3.459E+03	1.640E+03	-9.066E+02	1.462E+00	-1.399E+00	8.693E-01	3.834E+03	1.265E+03	-3.919E-01
292	4	7	-2.319E-01	4.011E-01	1.651E+00	3.344E+03	1.605E+03	-9.228E+02	1.766E+00	-1.596E+00	8.801E-01	3.743E+03	1.207E+03	-4.076E-01
292	4	8	-2.336E-01	4.027E-01	1.654E+00	3.343E+03	1.604E+03	-9.221E+02	1.769E+00	-1.600E+00	8.804E-01	3.741E+03	1.206E+03	-4.075E-01
292	4	9	-7.537E-01	1.027E+00	3.467E-01	3.977E+03	1.255E+03	-6.550E+02	1.092E+00	-8.188E-01	1.385E+00	4.127E+03	1.106E+03	-2.243E-01
292	4	10	-7.554E-01	1.028E+00	3.498E-01	3.975E+03	1.254E+03	-6.543E+02	1.094E+00	-8.215E-01	1.384E+00	4.125E+03	1.105E+03	-2.241E-01
292	4	11	-7.803E-01	1.159E+00	5.901E-01	3.861E+03	1.220E+03	-6.705E+02	1.324E+00	-9.458E-01	1.297E+00	4.021E+03	1.059E+03	-2.349E-01
292	4	12	-7.821E-01	1.160E+00	5.932E-01	3.859E+03	1.219E+03	-6.698E+02	1.327E+00	-9.489E-01	1.297E+00	4.019E+03	1.059E+03	-2.348E-01
292	4	13	-7.555E-01	1.029E+00	3.506E-01	3.974E+03	1.254E+03	-6.537E+02	1.095E+00	-8.219E-01	1.384E+00	4.123E+03	1.105E+03	-2.240E-01
292	4	14	-7.572E-01	1.030E+00	3.536E-01	3.973E+03	1.253E+03	-6.531E+02	1.098E+00	-8.246E-01	1.382E+00	4.121E+03	1.104E+03	-2.239E-01
292	4	15	-7.821E-01	1.161E+00	5.940E-01	3.858E+03	1.218E+03	-6.692E+02	1.328E+00	-9.493E-01	1.296E+00	4.018E+03	1.058E+03	-2.347E-01
292	4	16	-7.839E-01	1.162E+00	5.970E-01	3.856E+03	1.217E+03	-6.686E+02	1.331E+00	-9.524E-01	1.296E+00	4.016E+03	1.058E+03	-2.345E-01

FILE: gus4c008.bin														
Caso di carico: 8 - SLD con SISMAX PRINC (1xC1 + 1xC2 + 1xC3 + 0.8xC5 + 0.890xSismaX + 0.267xSismaY)														
Guscio	Nodo	Sest.	sx (N/mm2)	sy (N/mm2)	sxy (N/mm2)	mx (kN)	my (kN)	mxy (kN)	s1 (N/mm2)	s2 (N/mm2)	ths (rad)	m1 (kN)	m2 (kN)	thm (rad)
1	1	1	-4.613E-17	-1.362E-16	6.568E-18	4.941E+02	-4.872E+02	3.027E+02	-4.566E-17	-1.367E-16	0.000E+00	5.800E+02	-5.731E+02	2.764E-01
1	1	2	6.178E-18	-1.302E-16	1.354E-17	4.918E+02	-4.871E+02	3.036E+02	7.509E-18	-1.315E-16	0.000E+00	5.783E+02	-5.736E+02	2.776E-01
1	1	3	-4.613E-17	-1.362E-16	6.568E-18	5.487E+02	-4.710E+02	3.403E+02	-4.566E-17	-1.367E-16	0.000E+00	6.518E+02	-5.741E+02	2.943E-01
1	1	4	6.178E-18	-1.302E-16	1.354E-17	5.464E+02	-4.708E+02	3.412E+02	7.509E-18	-1.315E-16	0.000E+00	6.502E+02	-5.747E+02	2.954E-01
1	1	5	-6.178E-18	1.302E-16	-1.354E-17	4.616E+02	-4.972E+02	2.796E+02	1.315E-16	-7.509E-18	1.571E+00	5.372E+02	-5.728E+02	2.640E-01
1	1	6	4.613E-17	1.362E-16	-6.568E-18	4.593E+02	-4.971E+02	2.805E+02	1.367E-16	4.566E-17	1.571E+00	5.355E+02	-5.733E+02	2.652E-01
1	1	7	-6.178E-18	1.302E-16	-1.354E-17	5.162E+02	-4.809E+02	3.172E+02	1.315E-16	-7.509E-18	1.571E+00	6.085E+02	-5.733E+02	2.833E-01
1	1	8	4.613E-17	1.362E-16	-6.568E-18	5.139E+02	-4.808E+02	3.181E+02	1.367E-16	4.566E-17	1.571E+00	6.069E+02	-5.738E+02	2.845E-01
1	1	9	-4.613E-17	-1.362E-16	6.568E-18	8.203E+02	-1.482E+02	2.362E+02	-4.566E-17	-1.367E-16	0.000E+00	8.749E+02	-2.028E+02	2.269E-01
1	1	10	6.178E-18	-1.302E-16	1.354E-17	8.180E+02	-1.481E+02	2.371E+02	7.509E-18	-1.315E-16	0.000E+00	8.731E+02	-2.031E+02	2.282E-01
1	1	11	-4.613E-17	-1.362E-16	6.568E-18	8.749E+02	-1.319E+02	2.738E+02	-4.566E-17	-1.367E-16	0.000E+00	9.445E+02	-2.016E+02	2.491E-01
1	1	12	6.178E-18	-1.302E-16	1.354E-17	8.725E+02	-1.318E+02	2.747E+02	7.509E-18	-1.315E-16	0.000E+00	9.428E+02	-2.020E+02	2.503E-01
1	1	13	-6.178E-18	1.302E-16	-1.354E-17	7.878E+02	-1.582E+02	2.131E+02	1.315E-16	-7.509E-18	1.571E+00	8.336E+02	-2.040E+02	2.117E-01
1	1	14	4.613E-17	1.362E-16	-6.568E-18	7.855E+02	-1.580E+02	2.140E+02	1.367E-16	4.566E-17	1.571E+00	8.318E+02	-2.043E+02	2.129E-01
1	1	15	-6.178E-18	1.302E-16	-1.354E-17	8.424E+02	-1.419E+02	2.507E+02	1.315E-16	-7.509E-18	1.571E+00	9.025E+02	-2.021E+02	2.356E-01
1	1	16	4.613E-17	1.362E-16	-6.568E-18	8.401E+02	-1.418E+02	2.516E+02	1.367E-16	4.566E-17	1.571E+00	9.008E+02	-2.025E+02	2.368E-01
1	2	1	-1.454E-16	-2.381E-17	7.446E-33	1.195E+02	-1.284E+03	7.397E+02	-2.381E-17	-1.454E-16	1.571E+00	4.373E+02	-1.602E+03	4.059E-01
1	2	2	-9.611E-17	-1.705E-17	4.841E-33	1.174E+02	-1.285E+03	7.404E+02	-1.705E-17	-9.611E-17	1.571E+00	4.359E+02	-1.604E+03	4.062E-01
1	2	3	-1.454E-16	-2.381E-17	7.446E-33	1.406E+02	-1.221E+03	7.671E+02	-2.381E-17	-1.454E-16	1.571E+00	4.855E+02	-1.566E+03	4.225E-01
1	2	4	-9.611E-17	-1.705E-17	4.841E-33	1.385E+02	-1.222E+03	7.679E+02	-1.705E-17	-9.611E-17	1.571E+00	4.841E+02	-1.568E+03	4.229E-01
1	2	5	9.611E-17	1.705E-17	-4.841E-33	1.075E+02	-1.322E+03	7.228E+02	9.611E-17	1.705E-17	0.000E+00	4.093E+02	-1.624E+03	3.955E-01
1	2	6	1.454E-16	2.381E-17	-7.446E-33	1.054E+02	-1.324E+03	7.236E+02	1.454E-16	2.381E-17	0.000E+00	4.078E+02	-1.626E+03	3.959E-01
1	2	7	9.611E-17	1.705E-17	-4.841E-33	1.286E+02	-1.259E+03	7.503E+02	9.611E-17	1.705E-17	0.000E+00	4.567E+02	-1.587E+03	4.123E-01
1	2	8	1.454E-16	2.381E-17	-7.446E-33	1.265E+02	-1.260E+03	7.510E+02	1.454E-16	2.381E-17	0.000E+00	4.553E+02	-1.589E+03	4.126E-01

1	2	9	-1.454E-16	-2.381E-17	7.446E-33	4.879E+02	2.610E+02	3.904E+02	-2.381E-17	-1.454E-16	1.571E+00	7.810E+02	-3.213E+01	6.440E-01
1	2	10	-9.611E-17	-1.705E-17	4.841E-33	4.858E+02	2.595E+02	3.912E+02	-1.705E-17	-9.611E-17	1.571E+00	7.798E+02	-3.457E+01	6.446E-01
1	2	11	-1.454E-16	-2.381E-17	7.446E-33	5.090E+02	3.242E+02	4.178E+02	-2.381E-17	-1.454E-16	1.571E+00	8.446E+02	-1.133E+01	6.765E-01
1	2	12	-9.611E-17	-1.705E-17	4.841E-33	5.069E+02	3.227E+02	4.186E+02	-1.705E-17	-9.611E-17	1.571E+00	8.434E+02	-1.380E+01	6.771E-01
1	2	13	9.611E-17	1.705E-17	-4.841E-33	4.759E+02	2.228E+02	3.735E+02	9.611E-17	1.705E-17	0.000E+00	7.437E+02	-4.503E+01	6.220E-01
1	2	14	1.454E-16	2.381E-17	-7.446E-33	4.738E+02	2.213E+02	3.743E+02	1.454E-16	2.381E-17	0.000E+00	7.426E+02	-4.745E+01	6.227E-01
1	2	15	9.611E-17	1.705E-17	-4.841E-33	4.971E+02	2.860E+02	4.010E+02	9.611E-17	1.705E-17	0.000E+00	8.062E+02	-2.308E+01	6.567E-01
1	2	16	1.454E-16	2.381E-17	-7.446E-33	4.949E+02	2.845E+02	4.017E+02	1.454E-16	2.381E-17	0.000E+00	8.050E+02	-2.554E+01	6.573E-01
1	3	1	-2.237E-17	-1.577E-16	-1.657E-32	7.783E+02	-2.507E+03	4.776E+02	-2.237E-17	-1.577E-16	0.000E+00	8.463E+02	-2.575E+03	1.415E-01
1	3	2	-1.502E-17	-1.112E-16	-1.178E-32	7.750E+02	-2.512E+03	4.795E+02	-1.502E-17	-1.112E-16	0.000E+00	8.435E+02	-2.581E+03	1.419E-01
1	3	3	-2.237E-17	-1.577E-16	-1.657E-32	8.176E+02	-2.430E+03	5.227E+02	-2.237E-17	-1.577E-16	0.000E+00	8.997E+02	-2.512E+03	1.557E-01
1	3	4	-1.502E-17	-1.112E-16	-1.178E-32	8.143E+02	-2.436E+03	5.246E+02	-1.502E-17	-1.112E-16	0.000E+00	8.969E+02	-2.518E+03	1.561E-01
1	3	5	1.502E-17	1.112E-16	1.178E-32	7.557E+02	-2.552E+03	4.498E+02	1.112E-16	1.502E-17	1.571E+00	8.158E+02	-2.612E+03	1.328E-01
1	3	6	2.237E-17	1.577E-16	1.657E-32	7.524E+02	-2.557E+03	4.517E+02	1.577E-16	2.237E-17	1.571E+00	8.129E+02	-2.618E+03	1.332E-01
1	3	7	1.502E-17	1.112E-16	1.178E-32	7.950E+02	-2.475E+03	4.949E+02	1.112E-16	1.502E-17	1.571E+00	8.683E+02	-2.548E+03	1.470E-01
1	3	8	2.237E-17	1.577E-16	1.657E-32	7.918E+02	-2.481E+03	4.968E+02	1.577E-16	2.237E-17	1.571E+00	8.655E+02	-2.554E+03	1.474E-01
1	3	9	-2.237E-17	-1.577E-16	-1.657E-32	1.188E+03	2.063E+02	4.072E+02	-2.237E-17	-1.577E-16	0.000E+00	1.335E+03	5.948E+01	3.461E-01
1	3	10	-1.502E-17	-1.112E-16	-1.178E-32	1.185E+03	2.008E+02	4.090E+02	-1.502E-17	-1.112E-16	0.000E+00	1.333E+03	5.300E+01	3.467E-01
1	3	11	-2.237E-17	-1.577E-16	-1.657E-32	1.228E+03	2.829E+02	4.523E+02	-2.237E-17	-1.577E-16	0.000E+00	1.409E+03	1.013E+02	3.818E-01
1	3	12	-1.502E-17	-1.112E-16	-1.178E-32	1.224E+03	2.773E+02	4.542E+02	-1.502E-17	-1.112E-16	0.000E+00	1.407E+03	9.474E+01	3.822E-01
1	3	13	1.502E-17	1.112E-16	1.178E-32	1.166E+03	1.615E+02	3.794E+02	1.112E-16	1.502E-17	1.571E+00	1.293E+03	3.433E+01	3.235E-01
1	3	14	2.237E-17	1.577E-16	1.657E-32	1.163E+03	1.560E+02	3.812E+02	1.577E-16	2.237E-17	1.571E+00	1.291E+03	2.788E+01	3.241E-01
1	3	15	1.502E-17	1.112E-16	1.178E-32	1.205E+03	2.381E+02	4.245E+02	1.112E-16	1.502E-17	1.571E+00	1.365E+03	7.817E+01	3.602E-01
1	3	16	2.237E-17	1.577E-16	1.657E-32	1.202E+03	2.325E+02	4.264E+02	1.577E-16	2.237E-17	1.571E+00	1.363E+03	7.167E+01	3.607E-01
1	4	1	-1.731E-16	-2.003E-17	-9.375E-33	1.171E+03	-1.787E+03	1.251E+02	-2.003E-17	-1.731E-16	1.571E+00	1.176E+03	-1.792E+03	4.219E-02
1	4	2	-1.225E-16	-1.464E-17	-6.601E-33	1.168E+03	-1.791E+03	1.260E+02	-1.464E-17	-1.225E-16	1.571E+00	1.173E+03	-1.797E+03	4.247E-02
1	4	3	-1.731E-16	-2.003E-17	-9.375E-33	1.241E+03	-1.744E+03	1.782E+02	-2.003E-17	-1.731E-16	1.571E+00	1.251E+03	-1.755E+03	5.942E-02
1	4	4	-1.225E-16	-1.464E-17	-6.601E-33	1.237E+03	-1.748E+03	1.791E+02	-1.464E-17	-1.225E-16	1.571E+00	1.248E+03	-1.759E+03	5.969E-02
1	4	5	1.225E-16	1.464E-17	6.601E-33	1.130E+03	-1.812E+03	9.246E+01	1.225E-16	1.464E-17	0.000E+00	1.133E+03	-1.815E+03	3.139E-02
1	4	6	1.731E-16	2.003E-17	9.375E-33	1.127E+03	-1.816E+03	9.332E+01	1.731E-16	2.003E-17	0.000E+00	1.129E+03	-1.819E+03	3.167E-02
1	4	7	1.225E-16	1.464E-17	6.601E-33	1.200E+03	-1.769E+03	1.456E+02	1.225E-16	1.464E-17	0.000E+00	1.207E+03	-1.776E+03	4.888E-02
1	4	8	1.731E-16	2.003E-17	9.375E-33	1.196E+03	-1.773E+03	1.464E+02	1.731E-16	2.003E-17	0.000E+00	1.203E+03	-1.780E+03	4.916E-02
1	4	9	-1.731E-16	-2.003E-17	-9.375E-33	1.527E+03	-2.310E+02	6.445E+01	-2.003E-17	-1.731E-16	1.571E+00	1.530E+03	-2.334E+02	3.659E-02
1	4	10	-1.225E-16	-1.464E-17	-6.601E-33	1.524E+03	-2.352E+02	6.531E+01	-1.464E-17	-1.225E-16	1.571E+00	1.526E+03	-2.376E+02	3.706E-02
1	4	11	-1.731E-16	-2.003E-17	-9.375E-33	1.597E+03	-1.880E+02	1.176E+02	-2.003E-17	-1.731E-16	1.571E+00	1.605E+03	-1.957E+02	6.548E-02
1	4	12	-1.225E-16	-1.464E-17	-6.601E-33	1.594E+03	-1.922E+02	1.184E+02	-1.464E-17	-1.225E-16	1.571E+00	1.602E+03	-2.000E+02	6.592E-02
1	4	13	1.225E-16	1.464E-17	6.601E-33	1.486E+03	-2.557E+02	3.181E+01	1.225E-16	1.464E-17	0.000E+00	1.487E+03	-2.563E+02	1.825E-02
1	4	14	1.731E-16	2.003E-17	9.375E-33	1.483E+03	-2.599E+02	3.267E+01	1.731E-16	2.003E-17	0.000E+00	1.483E+03	-2.605E+02	1.874E-02
1	4	15	1.225E-16	1.464E-17	6.601E-33	1.556E+03	-2.127E+02	8.492E+01	1.225E-16	1.464E-17	0.000E+00	1.560E+03	-2.168E+02	4.787E-02
1	4	16	1.731E-16	2.003E-17	9.375E-33	1.553E+03	-2.169E+02	8.578E+01	1.731E-16	2.003E-17	0.000E+00	1.557E+03	-2.210E+02	4.833E-02
2	1	1	-2.306E-17	-7.352E-18	-1.269E-17	4.087E+02	-4.318E+03	7.185E+02	-2.828E-19	-3.013E-17	1.571E+00	5.155E+02	-4.424E+03	1.476E-01
2	1	2	1.960E-17	-1.573E-17	4.272E-17	4.051E+02	-4.322E+03	7.203E+02	4.816E-17	-4.429E-17	0.000E+00	5.125E+02	-4.429E+03	1.479E-01
2	1	3	-2.306E-17	-7.352E-18	-1.269E-17	4.574E+02	-4.197E+03	7.715E+02	-2.828E-19	-3.013E-17	1.571E+00	5.820E+02	-4.321E+03	1.601E-01

2	1	4	1.960E-17	-1.573E-17	4.272E-17	4.539E+02	-4.201E+03	7.733E+02	4.816E-17	-4.429E-17	0.000E+00	5.790E+02	-4.326E+03	1.604E-01
2	1	5	-1.960E-17	1.573E-17	-4.272E-17	3.804E+02	-4.390E+03	6.859E+02	4.429E-17	-4.816E-17	1.571E+00	4.771E+02	-4.487E+03	1.400E-01
2	1	6	2.306E-17	7.352E-18	1.269E-17	3.769E+02	-4.394E+03	6.877E+02	3.013E-17	2.828E-19	0.000E+00	4.740E+02	-4.491E+03	1.403E-01
2	1	7	-1.960E-17	1.573E-17	-4.272E-17	4.291E+02	-4.269E+03	7.390E+02	4.429E-17	-4.816E-17	1.571E+00	5.426E+02	-4.383E+03	1.524E-01
2	1	8	2.306E-17	7.352E-18	1.269E-17	4.256E+02	-4.273E+03	7.407E+02	3.013E-17	2.828E-19	0.000E+00	5.396E+02	-4.387E+03	1.527E-01
2	1	9	-2.306E-17	-7.352E-18	-1.269E-17	1.236E+03	1.203E+02	6.540E+02	-2.828E-19	-3.013E-17	1.571E+00	1.537E+03	-1.815E+02	4.324E-01
2	1	10	1.960E-17	-1.573E-17	4.272E-17	1.232E+03	1.162E+02	6.557E+02	4.816E-17	-4.429E-17	0.000E+00	1.535E+03	-1.868E+02	4.329E-01
2	1	11	-2.306E-17	-7.352E-18	-1.269E-17	1.284E+03	2.411E+02	7.070E+02	-2.828E-19	-3.013E-17	1.571E+00	1.641E+03	-1.159E+02	4.676E-01
2	1	12	1.960E-17	-1.573E-17	4.272E-17	1.281E+03	2.371E+02	7.087E+02	4.816E-17	-4.429E-17	0.000E+00	1.639E+03	-1.212E+02	4.681E-01
2	1	13	-1.960E-17	1.573E-17	-4.272E-17	1.207E+03	4.766E+01	6.214E+02	4.429E-17	-4.816E-17	1.571E+00	1.477E+03	-2.224E+02	4.100E-01
2	1	14	2.306E-17	7.352E-18	1.269E-17	1.204E+03	4.365E+01	6.231E+02	3.013E-17	2.828E-19	0.000E+00	1.475E+03	-2.276E+02	4.106E-01
2	1	15	-1.960E-17	1.573E-17	-4.272E-17	1.256E+03	1.685E+02	6.744E+02	4.429E-17	-4.816E-17	1.571E+00	1.579E+03	-1.541E+02	4.461E-01
2	1	16	2.306E-17	7.352E-18	1.269E-17	1.252E+03	1.645E+02	6.762E+02	3.013E-17	2.828E-19	0.000E+00	1.576E+03	-1.593E+02	4.467E-01
2	2	1	-4.528E-17	2.472E-17	4.286E-33	6.694E+02	-5.752E+03	1.521E+03	2.472E-17	-4.528E-17	1.571E+00	1.012E+03	-6.094E+03	2.213E-01
2	2	2	1.665E-18	-5.585E-18	-4.439E-34	6.661E+02	-5.763E+03	1.523E+03	1.665E-18	-5.585E-18	0.000E+00	1.008E+03	-6.106E+03	2.212E-01
2	2	3	-4.528E-17	2.472E-17	4.286E-33	6.791E+02	-5.552E+03	1.562E+03	2.472E-17	-4.528E-17	1.571E+00	1.049E+03	-5.922E+03	2.324E-01
2	2	4	1.665E-18	-5.585E-18	-4.439E-34	6.758E+02	-5.563E+03	1.563E+03	1.665E-18	-5.585E-18	0.000E+00	1.046E+03	-5.933E+03	2.323E-01
2	2	5	-1.665E-18	5.585E-18	4.439E-34	6.667E+02	-5.870E+03	1.496E+03	5.585E-18	-1.665E-18	1.571E+00	9.930E+02	-6.196E+03	2.147E-01
2	2	6	4.528E-17	-2.472E-17	-4.286E-33	6.635E+02	-5.881E+03	1.498E+03	4.528E-17	-2.472E-17	0.000E+00	9.899E+02	-6.208E+03	2.146E-01
2	2	7	-1.665E-18	5.585E-18	4.439E-34	6.764E+02	-5.670E+03	1.537E+03	5.585E-18	-1.665E-18	1.571E+00	1.029E+03	-6.023E+03	2.255E-01
2	2	8	4.528E-17	-2.472E-17	-4.286E-33	6.731E+02	-5.681E+03	1.538E+03	4.528E-17	-2.472E-17	0.000E+00	1.026E+03	-6.034E+03	2.254E-01
2	2	9	-4.528E-17	2.472E-17	4.286E-33	6.799E+02	1.548E+03	8.901E+02	2.472E-17	-4.528E-17	1.571E+00	2.105E+03	1.238E+02	1.012E+00
2	2	10	1.665E-18	-5.585E-18	-4.439E-34	6.766E+02	1.537E+03	8.913E+02	1.665E-18	-5.585E-18	0.000E+00	2.097E+03	1.172E+02	1.010E+00
2	2	11	-4.528E-17	2.472E-17	4.286E-33	6.896E+02	1.748E+03	9.308E+02	2.472E-17	-4.528E-17	1.571E+00	2.290E+03	1.482E+02	1.044E+00
2	2	12	1.665E-18	-5.585E-18	-4.439E-34	6.863E+02	1.737E+03	9.320E+02	1.665E-18	-5.585E-18	0.000E+00	2.282E+03	1.418E+02	1.042E+00
2	2	13	-1.665E-18	5.585E-18	4.439E-34	6.772E+02	1.430E+03	8.651E+02	5.585E-18	-1.665E-18	1.571E+00	1.997E+03	1.102E+02	9.906E-01
2	2	14	4.528E-17	-2.472E-17	-4.286E-33	6.740E+02	1.419E+03	8.663E+02	4.528E-17	-2.472E-17	0.000E+00	1.989E+03	1.034E+02	9.884E-01
2	2	15	-1.665E-18	5.585E-18	4.439E-34	6.869E+02	1.630E+03	9.058E+02	5.585E-18	-1.665E-18	1.571E+00	2.180E+03	1.373E+02	1.025E+00
2	2	16	4.528E-17	-2.472E-17	-4.286E-33	6.837E+02	1.619E+03	9.070E+02	4.528E-17	-2.472E-17	0.000E+00	2.172E+03	1.308E+02	1.023E+00
2	3	1	3.806E-17	-5.083E-17	-1.089E-32	1.251E+03	-6.978E+03	1.228E+03	3.806E-17	-5.083E-17	0.000E+00	1.431E+03	-7.157E+03	1.450E-01
2	3	2	-1.941E-17	5.626E-18	3.066E-33	1.244E+03	-7.001E+03	1.233E+03	5.626E-18	-1.941E-17	1.571E+00	1.424E+03	-7.182E+03	1.453E-01
2	3	3	3.806E-17	-5.083E-17	-1.089E-32	1.286E+03	-6.743E+03	1.281E+03	3.806E-17	-5.083E-17	0.000E+00	1.485E+03	-6.942E+03	1.544E-01
2	3	4	-1.941E-17	5.626E-18	3.066E-33	1.278E+03	-6.766E+03	1.286E+03	5.626E-18	-1.941E-17	1.571E+00	1.478E+03	-6.967E+03	1.547E-01
2	3	5	1.941E-17	-5.626E-18	-3.066E-33	1.236E+03	-7.112E+03	1.195E+03	1.941E-17	-5.626E-18	0.000E+00	1.404E+03	-7.280E+03	1.395E-01
2	3	6	-3.806E-17	5.083E-17	1.089E-32	1.228E+03	-7.135E+03	1.200E+03	5.083E-17	-3.806E-17	1.571E+00	1.397E+03	-7.304E+03	1.397E-01
2	3	7	1.941E-17	-5.626E-18	-3.066E-33	1.270E+03	-6.877E+03	1.248E+03	1.941E-17	-5.626E-18	0.000E+00	1.457E+03	-7.064E+03	1.487E-01
2	3	8	-3.806E-17	5.083E-17	1.089E-32	1.262E+03	-6.900E+03	1.253E+03	5.083E-17	-3.806E-17	1.571E+00	1.451E+03	-7.088E+03	1.489E-01
2	3	9	3.806E-17	-5.083E-17	-1.089E-32	2.167E+03	2.408E+03	7.629E+02	3.806E-17	-5.083E-17	0.000E+00	3.060E+03	1.516E+03	8.638E-01
2	3	10	-1.941E-17	5.626E-18	3.066E-33	2.160E+03	2.385E+03	7.676E+02	5.626E-18	-1.941E-17	1.571E+00	3.048E+03	1.497E+03	8.583E-01
2	3	11	3.806E-17	-5.083E-17	-1.089E-32	2.201E+03	2.644E+03	8.157E+02	3.806E-17	-5.083E-17	0.000E+00	3.268E+03	1.577E+03	9.177E-01
2	3	12	-1.941E-17	5.626E-18	3.066E-33	2.194E+03	2.620E+03	8.205E+02	5.626E-18	-1.941E-17	1.571E+00	3.255E+03	1.559E+03	9.125E-01
2	3	13	1.941E-17	-5.626E-18	-3.066E-33	2.152E+03	2.275E+03	7.304E+02	1.941E-17	-5.626E-18	0.000E+00	2.946E+03	1.480E+03	8.272E-01
2	3	14	-3.806E-17	5.083E-17	1.089E-32	2.144E+03	2.251E+03	7.352E+02	5.083E-17	-3.806E-17	1.571E+00	2.935E+03	1.461E+03	8.216E-01

2	3	15	1.941E-17	-5.626E-18	-3.066E-33	2.186E+03	2.510E+03	7.833E+02	1.941E-17	-5.626E-18	0.000E+00	3.148E+03	1.548E+03	8.872E-01
2	3	16	-3.806E-17	5.083E-17	1.089E-32	2.178E+03	2.486E+03	7.881E+02	5.083E-17	-3.806E-17	1.571E+00	3.135E+03	1.529E+03	8.818E-01
2	4	1	-6.388E-17	4.126E-17	-6.438E-33	1.380E+03	-7.190E+03	-2.565E+02	4.126E-17	-6.388E-17	1.571E+00	1.387E+03	-7.198E+03	-2.989E-02
2	4	2	1.737E-17	-2.337E-17	2.495E-33	1.373E+03	-7.210E+03	-2.541E+02	1.737E-17	-2.337E-17	0.000E+00	1.380E+03	-7.218E+03	-2.957E-02
2	4	3	-6.388E-17	4.126E-17	-6.438E-33	1.441E+03	-6.984E+03	-1.784E+02	4.126E-17	-6.388E-17	1.571E+00	1.445E+03	-6.988E+03	-2.116E-02
2	4	4	1.737E-17	-2.337E-17	2.495E-33	1.434E+03	-7.004E+03	-1.759E+02	1.737E-17	-2.337E-17	0.000E+00	1.438E+03	-7.007E+03	-2.084E-02
2	4	5	-1.737E-17	2.337E-17	-2.495E-33	1.346E+03	-7.309E+03	-3.045E+02	2.337E-17	-1.737E-17	1.571E+00	1.357E+03	-7.319E+03	-3.513E-02
2	4	6	6.388E-17	-4.126E-17	6.438E-33	1.339E+03	-7.328E+03	-3.021E+02	6.388E-17	-4.126E-17	0.000E+00	1.349E+03	-7.339E+03	-3.480E-02
2	4	7	-1.737E-17	2.337E-17	-2.495E-33	1.407E+03	-7.102E+03	-2.264E+02	2.337E-17	-1.737E-17	1.571E+00	1.413E+03	-7.108E+03	-2.658E-02
2	4	8	6.388E-17	-4.126E-17	6.438E-33	1.400E+03	-7.122E+03	-2.240E+02	6.388E-17	-4.126E-17	0.000E+00	1.406E+03	-7.128E+03	-2.626E-02
2	4	9	-6.388E-17	4.126E-17	-6.438E-33	2.667E+03	1.216E+03	-3.160E+02	4.126E-17	-6.388E-17	1.571E+00	2.733E+03	1.150E+03	-2.054E-01
2	4	10	1.737E-17	-2.337E-17	2.495E-33	2.660E+03	1.197E+03	-3.135E+02	1.737E-17	-2.337E-17	0.000E+00	2.724E+03	1.132E+03	-2.024E-01
2	4	11	-6.388E-17	4.126E-17	-6.438E-33	2.729E+03	1.423E+03	-2.378E+02	4.126E-17	-6.388E-17	1.571E+00	2.771E+03	1.381E+03	-1.747E-01
2	4	12	1.737E-17	-2.337E-17	2.495E-33	2.721E+03	1.403E+03	-2.354E+02	1.737E-17	-2.337E-17	0.000E+00	2.762E+03	1.362E+03	-1.715E-01
2	4	13	-1.737E-17	2.337E-17	-2.495E-33	2.633E+03	1.098E+03	-3.640E+02	2.337E-17	-1.737E-17	1.571E+00	2.715E+03	1.016E+03	-2.214E-01
2	4	14	6.388E-17	-4.126E-17	6.438E-33	2.626E+03	1.078E+03	-3.616E+02	6.388E-17	-4.126E-17	0.000E+00	2.706E+03	9.980E+02	-2.185E-01
2	4	15	-1.737E-17	2.337E-17	-2.495E-33	2.695E+03	1.305E+03	-2.859E+02	2.337E-17	-1.737E-17	1.571E+00	2.751E+03	1.248E+03	-1.951E-01
2	4	16	6.388E-17	-4.126E-17	6.438E-33	2.688E+03	1.285E+03	-2.835E+02	6.388E-17	-4.126E-17	0.000E+00	2.743E+03	1.230E+03	-1.920E-01
3	1	1	1.442E-13	9.610E-13	-1.770E-13	9.415E+02	-8.971E+03	2.114E+03	9.977E-13	1.075E-13	1.571E+00	1.374E+03	-9.403E+03	2.016E-01
3	1	2	1.453E-13	9.688E-13	-1.804E-13	9.334E+02	-8.988E+03	2.118E+03	1.007E-12	1.075E-13	1.571E+00	1.366E+03	-9.421E+03	2.017E-01
3	1	3	1.349E-13	8.991E-13	-1.628E-13	9.889E+02	-8.664E+03	2.155E+03	9.323E-13	1.016E-13	1.571E+00	1.448E+03	-9.123E+03	2.100E-01
3	1	4	1.360E-13	9.068E-13	-1.662E-13	9.808E+02	-8.680E+03	2.158E+03	9.411E-13	1.017E-13	1.571E+00	1.441E+03	-9.141E+03	2.101E-01
3	1	5	1.493E-13	9.952E-13	-1.832E-13	9.173E+02	-9.153E+03	2.090E+03	1.033E-12	1.113E-13	1.571E+00	1.334E+03	-9.570E+03	1.967E-01
3	1	6	1.504E-13	1.003E-12	-1.866E-13	9.092E+02	-9.170E+03	2.093E+03	1.042E-12	1.114E-13	1.571E+00	1.326E+03	-9.587E+03	1.968E-01
3	1	7	1.400E-13	9.332E-13	-1.691E-13	9.647E+02	-8.845E+03	2.130E+03	9.678E-13	1.054E-13	1.571E+00	1.407E+03	-9.288E+03	2.048E-01
3	1	8	1.411E-13	9.409E-13	-1.725E-13	9.566E+02	-8.862E+03	2.133E+03	9.766E-13	1.055E-13	1.571E+00	1.400E+03	-9.306E+03	2.049E-01
3	1	9	-1.599E-13	-1.066E-12	1.963E-13	2.489E+03	3.289E+03	9.577E+02	-1.192E-13	-1.107E-12	0.000E+00	3.927E+03	1.851E+03	9.831E-01
3	1	10	-1.587E-13	-1.058E-12	1.929E-13	2.481E+03	3.272E+03	9.607E+02	-1.191E-13	-1.098E-12	0.000E+00	3.916E+03	1.838E+03	9.806E-01
3	1	11	-1.692E-13	-1.128E-12	2.105E-13	2.537E+03	3.597E+03	9.981E+02	-1.250E-13	-1.172E-12	0.000E+00	4.197E+03	1.937E+03	1.029E+00
3	1	12	-1.680E-13	-1.120E-12	2.071E-13	2.529E+03	3.580E+03	1.001E+03	-1.250E-13	-1.163E-12	0.000E+00	4.185E+03	1.924E+03	1.027E+00
3	1	13	-1.548E-13	-1.032E-12	1.901E-13	2.465E+03	3.107E+03	9.328E+02	-1.153E-13	-1.071E-12	0.000E+00	3.773E+03	1.800E+03	9.511E-01
3	1	14	-1.536E-13	-1.024E-12	1.867E-13	2.457E+03	3.090E+03	9.359E+02	-1.153E-13	-1.062E-12	0.000E+00	3.762E+03	1.786E+03	9.485E-01
3	1	15	-1.641E-13	-1.094E-12	2.042E-13	2.513E+03	3.415E+03	9.733E+02	-1.212E-13	-1.137E-12	0.000E+00	4.036E+03	1.891E+03	1.002E+00
3	1	16	-1.629E-13	-1.086E-12	2.008E-13	2.505E+03	3.398E+03	9.763E+02	-1.211E-13	-1.128E-12	0.000E+00	4.025E+03	1.878E+03	9.999E-01
3	2	1	-1.901E-13	5.075E-13	4.270E-29	1.190E+03	-5.727E+03	2.699E+03	5.075E-13	-1.901E-13	1.571E+00	2.118E+03	-6.655E+03	3.313E-01
3	2	2	-1.839E-13	5.074E-13	4.231E-29	1.193E+03	-5.753E+03	2.704E+03	5.074E-13	-1.839E-13	1.571E+00	2.121E+03	-6.682E+03	3.307E-01
3	2	3	-1.802E-13	4.732E-13	4.002E-29	1.116E+03	-5.499E+03	2.684E+03	4.732E-13	-1.802E-13	1.571E+00	2.068E+03	-6.451E+03	3.409E-01
3	2	4	-1.740E-13	4.731E-13	3.964E-29	1.119E+03	-5.525E+03	2.689E+03	4.731E-13	-1.740E-13	1.571E+00	2.071E+03	-6.477E+03	3.402E-01
3	2	5	-1.740E-13	5.025E-13	4.140E-29	1.234E+03	-5.855E+03	2.702E+03	5.025E-13	-1.740E-13	1.571E+00	2.146E+03	-6.768E+03	3.257E-01
3	2	6	-1.678E-13	5.024E-13	4.102E-29	1.237E+03	-5.881E+03	2.707E+03	5.024E-13	-1.678E-13	1.571E+00	2.150E+03	-6.794E+03	3.252E-01
3	2	7	-1.641E-13	4.681E-13	3.873E-29	1.160E+03	-5.626E+03	2.688E+03	4.681E-13	-1.641E-13	1.571E+00	2.095E+03	-6.562E+03	3.350E-01
3	2	8	-1.579E-13	4.681E-13	3.834E-29	1.163E+03	-5.653E+03	2.693E+03	4.681E-13	-1.579E-13	1.571E+00	2.099E+03	-6.588E+03	3.344E-01
3	2	9	9.785E-14	-4.508E-13	-3.361E-29	-9.225E+02	3.112E+03	2.281E+02	9.785E-14	-4.508E-13	0.000E+00	3.125E+03	-9.353E+02	1.514E+00

3	2	10	1.040E-13	-4.509E-13	-3.399E-29	-9.191E+02	3.086E+03	2.331E+02	1.040E-13	-4.509E-13	0.000E+00	3.099E+03	-9.326E+02	1.513E+00
3	2	11	1.077E-13	-4.851E-13	-3.629E-29	-9.963E+02	3.340E+03	2.137E+02	1.077E-13	-4.851E-13	0.000E+00	3.351E+03	-1.007E+03	1.522E+00
3	2	12	1.139E-13	-4.852E-13	-3.667E-29	-9.929E+02	3.314E+03	2.187E+02	1.139E-13	-4.852E-13	0.000E+00	3.325E+03	-1.004E+03	1.520E+00
3	2	13	1.140E-13	-4.558E-13	-3.490E-29	-8.785E+02	2.985E+03	2.319E+02	1.140E-13	-4.558E-13	0.000E+00	2.998E+03	-8.924E+02	1.511E+00
3	2	14	1.201E-13	-4.559E-13	-3.529E-29	-8.751E+02	2.958E+03	2.369E+02	1.201E-13	-4.559E-13	0.000E+00	2.973E+03	-8.897E+02	1.509E+00
3	2	15	1.238E-13	-4.902E-13	-3.758E-29	-9.524E+02	3.213E+03	2.175E+02	1.238E-13	-4.902E-13	0.000E+00	3.224E+03	-9.637E+02	1.519E+00
3	2	16	1.300E-13	-4.902E-13	-3.796E-29	-9.490E+02	3.186E+03	2.225E+02	1.300E-13	-4.902E-13	0.000E+00	3.198E+03	-9.609E+02	1.517E+00
3	3	1	1.195E-12	-9.832E-14	-1.583E-28	3.169E+03	-6.960E+03	4.851E+03	1.195E-12	-9.832E-14	0.000E+00	5.118E+03	-8.909E+03	3.819E-01
3	3	2	1.197E-12	-8.705E-14	-1.572E-28	3.151E+03	-7.022E+03	4.868E+03	1.197E-12	-8.705E-14	0.000E+00	5.105E+03	-8.977E+03	3.817E-01
3	3	3	1.119E-12	-9.541E-14	-1.488E-28	3.238E+03	-6.510E+03	4.735E+03	1.119E-12	-9.541E-14	0.000E+00	5.159E+03	-8.431E+03	3.855E-01
3	3	4	1.120E-12	-8.415E-14	-1.476E-28	3.219E+03	-6.572E+03	4.752E+03	1.120E-12	-8.415E-14	0.000E+00	5.146E+03	-8.499E+03	3.853E-01
3	3	5	1.195E-12	-5.924E-14	-1.535E-28	3.205E+03	-7.205E+03	4.913E+03	1.195E-12	-5.924E-14	0.000E+00	5.158E+03	-9.158E+03	3.783E-01
3	3	6	1.197E-12	-4.797E-14	-1.524E-28	3.186E+03	-7.267E+03	4.931E+03	1.197E-12	-4.797E-14	0.000E+00	5.145E+03	-9.226E+03	3.781E-01
3	3	7	1.118E-12	-5.634E-14	-1.440E-28	3.274E+03	-6.755E+03	4.797E+03	1.118E-12	-5.634E-14	0.000E+00	5.199E+03	-8.680E+03	3.816E-01
3	3	8	1.120E-12	-4.507E-14	-1.428E-28	3.255E+03	-6.817E+03	4.814E+03	1.120E-12	-4.507E-14	0.000E+00	5.186E+03	-8.748E+03	3.814E-01
3	3	9	-1.122E-12	-9.785E-14	1.255E-28	3.265E+03	9.179E+03	-1.951E+03	-9.785E-14	-1.122E-12	1.571E+00	9.765E+03	2.680E+03	1.862E+00
3	3	10	-1.120E-12	-8.658E-14	1.267E-28	3.246E+03	9.117E+03	-1.934E+03	-8.658E-14	-1.120E-12	1.571E+00	9.697E+03	2.667E+03	1.862E+00
3	3	11	-1.199E-12	-9.495E-14	1.351E-28	3.334E+03	9.630E+03	-2.067E+03	-9.495E-14	-1.199E-12	1.571E+00	1.025E+04	2.716E+03	1.861E+00
3	3	12	-1.197E-12	-8.368E-14	1.362E-28	3.315E+03	9.568E+03	-2.050E+03	-8.368E-14	-1.197E-12	1.571E+00	1.018E+04	2.703E+03	1.861E+00
3	3	13	-1.122E-12	-5.877E-14	1.303E-28	3.301E+03	8.934E+03	-1.888E+03	-5.877E-14	-1.122E-12	1.571E+00	9.509E+03	2.727E+03	1.866E+00
3	3	14	-1.120E-12	-4.751E-14	1.315E-28	3.282E+03	8.872E+03	-1.871E+03	-4.751E-14	-1.120E-12	1.571E+00	9.441E+03	2.714E+03	1.866E+00
3	3	15	-1.199E-12	-5.587E-14	1.399E-28	3.370E+03	9.385E+03	-2.005E+03	-5.587E-14	-1.199E-12	1.571E+00	9.992E+03	2.763E+03	1.865E+00
3	3	16	-1.197E-12	-4.460E-14	1.410E-28	3.351E+03	9.323E+03	-1.987E+03	-4.460E-14	-1.197E-12	1.571E+00	9.924E+03	2.750E+03	1.864E+00
3	4	1	-2.076E-13	2.093E-12	-1.408E-28	3.766E+03	-1.278E+04	-3.240E+02	2.093E-12	-2.076E-13	1.571E+00	3.772E+03	-1.279E+04	-1.957E-02
3	4	2	-1.924E-13	2.093E-12	-1.399E-28	3.739E+03	-1.285E+04	-3.154E+02	2.093E-12	-1.924E-13	1.571E+00	3.745E+03	-1.285E+04	-1.901E-02
3	4	3	-1.995E-13	1.963E-12	-1.325E-28	3.840E+03	-1.216E+04	-2.240E+02	1.963E-12	-1.995E-13	1.571E+00	3.843E+03	-1.216E+04	-1.400E-02
3	4	4	-1.844E-13	1.964E-12	-1.316E-28	3.813E+03	-1.222E+04	-2.153E+02	1.964E-12	-1.844E-13	1.571E+00	3.816E+03	-1.222E+04	-1.343E-02
3	4	5	-1.391E-13	2.091E-12	-1.365E-28	3.751E+03	-1.314E+04	-3.855E+02	2.091E-12	-1.391E-13	1.571E+00	3.760E+03	-1.315E+04	-2.281E-02
3	4	6	-1.240E-13	2.092E-12	-1.357E-28	3.724E+03	-1.320E+04	-3.768E+02	2.092E-12	-1.240E-13	1.571E+00	3.733E+03	-1.321E+04	-2.225E-02
3	4	7	-1.311E-13	1.962E-12	-1.282E-28	3.825E+03	-1.251E+04	-2.854E+02	1.962E-12	-1.311E-13	1.571E+00	3.830E+03	-1.252E+04	-1.746E-02
3	4	8	-1.160E-13	1.963E-12	-1.273E-28	3.798E+03	-1.258E+04	-2.768E+02	1.963E-12	-1.160E-13	1.571E+00	3.803E+03	-1.258E+04	-1.690E-02
3	4	9	-1.332E-13	-1.959E-12	1.118E-28	6.265E+03	1.082E+04	-8.811E+02	-1.332E-13	-1.959E-12	0.000E+00	1.099E+04	6.100E+03	1.755E+00
3	4	10	-1.181E-13	-1.958E-12	1.127E-28	6.238E+03	1.076E+04	-8.724E+02	-1.181E-13	-1.958E-12	0.000E+00	1.092E+04	6.075E+03	1.755E+00
3	4	11	-1.252E-13	-2.088E-12	1.202E-28	6.339E+03	1.145E+04	-7.810E+02	-1.252E-13	-2.088E-12	0.000E+00	1.156E+04	6.222E+03	1.719E+00
3	4	12	-1.101E-13	-2.088E-12	1.211E-28	6.312E+03	1.138E+04	-7.724E+02	-1.101E-13	-2.088E-12	0.000E+00	1.150E+04	6.197E+03	1.719E+00
3	4	13	-6.481E-14	-1.960E-12	1.161E-28	6.250E+03	1.047E+04	-9.425E+02	-6.481E-14	-1.960E-12	0.000E+00	1.067E+04	6.049E+03	1.781E+00
3	4	14	-4.967E-14	-1.960E-12	1.170E-28	6.223E+03	1.040E+04	-9.338E+02	-4.967E-14	-1.960E-12	0.000E+00	1.060E+04	6.024E+03	1.781E+00
3	4	15	-5.678E-14	-2.090E-12	1.245E-28	6.324E+03	1.109E+04	-8.425E+02	-5.678E-14	-2.090E-12	0.000E+00	1.124E+04	6.179E+03	1.741E+00
3	4	16	-4.164E-14	-2.089E-12	1.253E-28	6.297E+03	1.103E+04	-8.338E+02	-4.164E-14	-2.089E-12	0.000E+00	1.117E+04	6.154E+03	1.740E+00
4	1	1	-4.288E-13	-2.755E-12	-2.164E-13	4.569E+03	4.788E+02	5.819E+03	-4.088E-13	-2.775E-12	0.000E+00	8.692E+03	-3.644E+03	6.164E-01
4	1	2	-4.245E-13	-2.773E-12	-2.112E-13	4.557E+03	4.671E+02	5.851E+03	-4.056E-13	-2.792E-12	0.000E+00	8.710E+03	-3.686E+03	6.173E-01
4	1	3	-4.027E-13	-2.581E-12	-2.338E-13	4.456E+03	5.711E+02	5.599E+03	-3.779E-13	-2.606E-12	0.000E+00	8.440E+03	-3.412E+03	6.184E-01
4	1	4	-3.984E-13	-2.599E-12	-2.286E-13	4.445E+03	5.593E+02	5.630E+03	-3.749E-13	-2.623E-12	0.000E+00	8.458E+03	-3.454E+03	6.193E-01

4	1	5	-4.443E-13	-2.854E-12	-2.247E-13	4.638E+03	4.280E+02	5.938E+03	-4.235E-13	-2.875E-12	0.000E+00	8.833E+03	-3.768E+03	6.151E-01
4	1	6	-4.400E-13	-2.872E-12	-2.195E-13	4.626E+03	4.162E+02	5.970E+03	-4.203E-13	-2.892E-12	0.000E+00	8.852E+03	-3.809E+03	6.159E-01
4	1	7	-4.182E-13	-2.680E-12	-2.421E-13	4.525E+03	5.203E+02	5.718E+03	-3.926E-13	-2.706E-12	0.000E+00	8.581E+03	-3.535E+03	6.170E-01
4	1	8	-4.139E-13	-2.698E-12	-2.369E-13	4.514E+03	5.085E+02	5.749E+03	-3.896E-13	-2.723E-12	0.000E+00	8.599E+03	-3.577E+03	6.178E-01
4	1	9	4.660E-13	3.055E-12	2.637E-13	2.170E+03	1.537E+03	-3.896E+03	3.082E-12	4.394E-13	1.571E+00	5.762E+03	-2.055E+03	-7.449E-01
4	1	10	4.703E-13	3.037E-12	2.689E-13	2.159E+03	1.525E+03	-3.864E+03	3.065E-12	4.424E-13	1.571E+00	5.719E+03	-2.035E+03	-7.445E-01
4	1	11	4.920E-13	3.229E-12	2.463E-13	2.058E+03	1.629E+03	-4.117E+03	3.251E-12	4.700E-13	1.571E+00	5.966E+03	-2.279E+03	-7.594E-01
4	1	12	4.963E-13	3.211E-12	2.515E-13	2.046E+03	1.618E+03	-4.085E+03	3.234E-12	4.732E-13	1.571E+00	5.923E+03	-2.259E+03	-7.592E-01
4	1	13	4.505E-13	2.956E-12	2.554E-13	2.239E+03	1.486E+03	-3.777E+03	2.982E-12	4.247E-13	1.571E+00	5.658E+03	-1.933E+03	-7.357E-01
4	1	14	4.548E-13	2.938E-12	2.605E-13	2.228E+03	1.474E+03	-3.745E+03	2.965E-12	4.278E-13	1.571E+00	5.615E+03	-1.913E+03	-7.353E-01
4	1	15	4.765E-13	3.130E-12	2.380E-13	2.127E+03	1.579E+03	-3.998E+03	3.151E-12	4.554E-13	1.571E+00	5.860E+03	-2.154E+03	-7.512E-01
4	1	16	4.808E-13	3.111E-12	2.431E-13	2.115E+03	1.567E+03	-3.966E+03	3.134E-12	4.586E-13	1.571E+00	5.817E+03	-2.134E+03	-7.509E-01
4	2	1	-4.387E-13	2.270E-13	4.072E-29	-2.582E+03	-3.941E+03	2.779E+03	2.270E-13	-4.387E-13	1.571E+00	-3.999E+02	-6.122E+03	6.655E-01
4	2	2	-4.354E-13	2.265E-13	4.049E-29	-2.594E+03	-3.971E+03	2.767E+03	2.265E-13	-4.354E-13	1.571E+00	-4.315E+02	-6.134E+03	6.635E-01
4	2	3	-4.142E-13	2.112E-13	3.834E-29	-2.491E+03	-3.751E+03	2.840E+03	2.112E-13	-4.142E-13	1.571E+00	-2.117E+02	-6.030E+03	6.763E-01
4	2	4	-4.109E-13	2.108E-13	3.811E-29	-2.504E+03	-3.781E+03	2.828E+03	2.108E-13	-4.109E-13	1.571E+00	-2.435E+02	-6.042E+03	6.743E-01
4	2	5	-4.329E-13	2.127E-13	3.949E-29	-2.630E+03	-4.040E+03	2.746E+03	2.127E-13	-4.329E-13	1.571E+00	-5.002E+02	-6.171E+03	6.597E-01
4	2	6	-4.296E-13	2.122E-13	3.926E-29	-2.643E+03	-4.071E+03	2.734E+03	2.122E-13	-4.296E-13	1.571E+00	-5.316E+02	-6.183E+03	6.577E-01
4	2	7	-4.084E-13	1.969E-13	3.710E-29	-2.540E+03	-3.851E+03	2.807E+03	1.969E-13	-4.084E-13	1.571E+00	-3.127E+02	-6.078E+03	6.707E-01
4	2	8	-4.051E-13	1.965E-13	3.687E-29	-2.553E+03	-3.881E+03	2.795E+03	1.965E-13	-4.051E-13	1.571E+00	-3.444E+02	-6.090E+03	6.687E-01
4	2	9	3.815E-13	-1.472E-13	-3.242E-29	1.170E+03	3.262E+03	-2.319E+03	3.815E-13	-1.472E-13	0.000E+00	4.760E+03	-3.276E+02	2.144E+00
4	2	10	3.848E-13	-1.477E-13	-3.265E-29	1.157E+03	3.231E+03	-2.331E+03	3.848E-13	-1.477E-13	0.000E+00	4.746E+03	-3.570E+02	2.147E+00
4	2	11	4.060E-13	-1.630E-13	-3.480E-29	1.261E+03	3.452E+03	-2.258E+03	4.060E-13	-1.630E-13	0.000E+00	4.866E+03	-1.534E+02	2.130E+00
4	2	12	4.093E-13	-1.634E-13	-3.503E-29	1.248E+03	3.421E+03	-2.270E+03	4.093E-13	-1.634E-13	0.000E+00	4.851E+03	-1.824E+02	2.133E+00
4	2	13	3.874E-13	-1.615E-13	-3.365E-29	1.122E+03	3.162E+03	-2.352E+03	3.874E-13	-1.615E-13	0.000E+00	4.706E+03	-4.220E+02	2.152E+00
4	2	14	3.907E-13	-1.620E-13	-3.388E-29	1.109E+03	3.132E+03	-2.364E+03	3.907E-13	-1.620E-13	0.000E+00	4.692E+03	-4.515E+02	2.154E+00
4	2	15	4.119E-13	-1.773E-13	-3.603E-29	1.212E+03	3.352E+03	-2.291E+03	4.119E-13	-1.773E-13	0.000E+00	4.811E+03	-2.467E+02	2.138E+00
4	2	16	4.152E-13	-1.777E-13	-3.626E-29	1.199E+03	3.321E+03	-2.303E+03	4.152E-13	-1.777E-13	0.000E+00	4.796E+03	-2.759E+02	2.140E+00
4	3	1	-1.556E-13	-3.020E-12	-3.509E-28	5.343E+03	2.321E+03	1.947E+03	-1.556E-13	-3.020E-12	0.000E+00	6.297E+03	1.368E+03	4.554E-01
4	3	2	-1.722E-13	-3.021E-12	-3.490E-28	5.340E+03	2.337E+03	1.968E+03	-1.722E-13	-3.021E-12	0.000E+00	6.314E+03	1.363E+03	4.595E-01
4	3	3	-1.381E-13	-2.838E-12	-3.304E-28	5.160E+03	2.206E+03	1.849E+03	-1.381E-13	-2.838E-12	0.000E+00	6.050E+03	1.316E+03	4.484E-01
4	3	4	-1.546E-13	-2.839E-12	-3.285E-28	5.157E+03	2.222E+03	1.870E+03	-1.546E-13	-2.839E-12	0.000E+00	6.067E+03	1.312E+03	4.527E-01
4	3	5	-2.568E-13	-3.033E-12	-3.402E-28	5.455E+03	2.384E+03	1.993E+03	-2.568E-13	-3.033E-12	0.000E+00	6.436E+03	1.404E+03	4.572E-01
4	3	6	-2.733E-13	-3.034E-12	-3.383E-28	5.452E+03	2.400E+03	2.014E+03	-2.733E-13	-3.034E-12	0.000E+00	6.453E+03	1.399E+03	4.612E-01
4	3	7	-2.393E-13	-2.851E-12	-3.196E-28	5.272E+03	2.269E+03	1.895E+03	-2.393E-13	-2.851E-12	0.000E+00	6.189E+03	1.352E+03	4.504E-01
4	3	8	-2.558E-13	-2.852E-12	-3.177E-28	5.269E+03	2.285E+03	1.916E+03	-2.558E-13	-2.852E-12	0.000E+00	6.206E+03	1.348E+03	4.546E-01
4	3	9	6.173E-13	2.900E-12	2.793E-28	1.586E+03	-4.662E+02	-3.407E+03	2.900E-12	6.173E-13	1.571E+00	4.119E+03	-2.999E+03	-6.391E-01
4	3	10	6.008E-13	2.899E-12	2.812E-28	1.583E+03	-4.504E+02	-3.386E+03	2.899E-12	6.008E-13	1.571E+00	4.102E+03	-2.969E+03	-6.395E-01
4	3	11	6.349E-13	3.082E-12	2.998E-28	1.403E+03	-5.814E+02	-3.505E+03	3.082E-12	6.349E-13	1.571E+00	4.054E+03	-3.232E+03	-6.475E-01
4	3	12	6.183E-13	3.081E-12	3.018E-28	1.400E+03	-5.657E+02	-3.484E+03	3.081E-12	6.183E-13	1.571E+00	4.038E+03	-3.203E+03	-6.479E-01
4	3	13	5.162E-13	2.886E-12	2.901E-28	1.699E+03	-4.031E+02	-3.361E+03	2.886E-12	5.162E-13	1.571E+00	4.170E+03	-2.874E+03	-6.339E-01
4	3	14	4.997E-13	2.886E-12	2.920E-28	1.696E+03	-3.874E+02	-3.340E+03	2.886E-12	4.997E-13	1.571E+00	4.153E+03	-2.845E+03	-6.343E-01
4	3	15	5.337E-13	3.069E-12	3.106E-28	1.516E+03	-5.184E+02	-3.459E+03	3.069E-12	5.337E-13	1.571E+00	4.104E+03	-3.107E+03	-6.424E-01

4	3	16	5.172E-13	3.068E-12	3.125E-28	1.513E+03	-5.027E+02	-3.438E+03	3.068E-12	5.172E-13	1.571E+00	4.088E+03	-3.078E+03	-6.428E-01
4	4	1	-5.935E-12	-2.148E-13	-3.507E-28	1.253E+04	7.122E+03	1.278E+03	-2.148E-13	-5.935E-12	1.571E+00	1.281E+04	6.835E+03	2.210E-01
4	4	2	-5.932E-12	-2.518E-13	-3.482E-28	1.252E+04	7.158E+03	1.278E+03	-2.518E-13	-5.932E-12	1.571E+00	1.281E+04	6.869E+03	2.222E-01
4	4	3	-5.573E-12	-1.821E-13	-3.296E-28	1.215E+04	6.904E+03	1.355E+03	-1.821E-13	-5.573E-12	1.571E+00	1.248E+04	6.575E+03	2.385E-01
4	4	4	-5.570E-12	-2.191E-13	-3.272E-28	1.215E+04	6.939E+03	1.355E+03	-2.191E-13	-5.570E-12	1.571E+00	1.248E+04	6.608E+03	2.398E-01
4	4	5	-5.958E-12	-4.124E-13	-3.400E-28	1.276E+04	7.237E+03	1.232E+03	-4.124E-13	-5.958E-12	1.571E+00	1.302E+04	6.975E+03	2.100E-01
4	4	6	-5.955E-12	-4.494E-13	-3.375E-28	1.275E+04	7.273E+03	1.231E+03	-4.494E-13	-5.955E-12	1.571E+00	1.302E+04	7.009E+03	2.111E-01
4	4	7	-5.595E-12	-3.797E-13	-3.189E-28	1.238E+04	7.019E+03	1.309E+03	-3.797E-13	-5.595E-12	1.571E+00	1.268E+04	6.717E+03	2.272E-01
4	4	8	-5.592E-12	-4.167E-13	-3.165E-28	1.238E+04	7.054E+03	1.308E+03	-4.167E-13	-5.592E-12	1.571E+00	1.268E+04	6.750E+03	2.284E-01
4	4	9	5.674E-12	1.128E-12	2.779E-28	2.594E+03	-2.061E+03	-1.460E+03	5.674E-12	1.128E-12	0.000E+00	3.014E+03	-2.481E+03	-2.801E-01
4	4	10	5.677E-12	1.091E-12	2.803E-28	2.593E+03	-2.026E+03	-1.461E+03	5.677E-12	1.091E-12	0.000E+00	3.016E+03	-2.449E+03	-2.820E-01
4	4	11	6.036E-12	1.161E-12	2.990E-28	2.217E+03	-2.280E+03	-1.383E+03	6.036E-12	1.161E-12	0.000E+00	2.608E+03	-2.671E+03	-2.758E-01
4	4	12	6.039E-12	1.124E-12	3.014E-28	2.216E+03	-2.244E+03	-1.384E+03	6.039E-12	1.124E-12	0.000E+00	2.610E+03	-2.639E+03	-2.777E-01
4	4	13	5.651E-12	9.303E-13	2.886E-28	2.824E+03	-1.946E+03	-1.507E+03	5.651E-12	9.303E-13	0.000E+00	3.260E+03	-2.382E+03	-2.817E-01
4	4	14	5.654E-12	8.933E-13	2.910E-28	2.823E+03	-1.911E+03	-1.507E+03	5.654E-12	8.933E-13	0.000E+00	3.262E+03	-2.350E+03	-2.835E-01
4	4	15	6.013E-12	9.630E-13	3.097E-28	2.447E+03	-2.165E+03	-1.430E+03	6.013E-12	9.630E-13	0.000E+00	2.855E+03	-2.572E+03	-2.775E-01
4	4	16	6.016E-12	9.260E-13	3.121E-28	2.446E+03	-2.129E+03	-1.430E+03	6.016E-12	9.260E-13	0.000E+00	2.856E+03	-2.540E+03	-2.794E-01
5	1	1	-1.513E-17	-7.417E-17	-4.924E-17	3.517E+02	-3.370E+02	-1.959E+02	1.276E-17	-1.021E-16	0.000E+00	4.035E+02	-3.888E+02	-2.586E-01
5	1	2	-6.981E-18	-7.325E-17	-3.909E-17	3.577E+02	-3.394E+02	-1.969E+02	1.113E-17	-9.136E-17	0.000E+00	4.094E+02	-3.912E+02	-2.572E-01
5	1	3	-1.513E-17	-7.417E-17	-4.924E-17	3.926E+02	-3.251E+02	-1.265E+02	1.276E-17	-1.021E-16	0.000E+00	4.143E+02	-3.467E+02	-1.695E-01
5	1	4	-6.981E-18	-7.325E-17	-3.909E-17	3.986E+02	-3.275E+02	-1.276E+02	1.113E-17	-9.136E-17	0.000E+00	4.203E+02	-3.493E+02	-1.690E-01
5	1	5	6.981E-18	7.325E-17	3.909E-17	3.273E+02	-3.430E+02	-2.382E+02	9.136E-17	-1.113E-17	1.571E+00	4.033E+02	-4.190E+02	-3.089E-01
5	1	6	1.513E-17	7.417E-17	4.924E-17	3.332E+02	-3.454E+02	-2.393E+02	1.021E-16	-1.276E-17	1.571E+00	4.091E+02	-4.212E+02	-3.071E-01
5	1	7	6.981E-18	7.325E-17	3.909E-17	3.682E+02	-3.310E+02	-1.688E+02	9.136E-17	-1.113E-17	1.571E+00	4.068E+02	-3.697E+02	-2.249E-01
5	1	8	1.513E-17	7.417E-17	4.924E-17	3.741E+02	-3.334E+02	-1.699E+02	1.021E-16	-1.276E-17	1.571E+00	4.128E+02	-3.721E+02	-2.238E-01
5	1	9	-1.513E-17	-7.417E-17	-4.924E-17	1.281E+02	2.723E+00	-4.263E+02	1.276E-17	-1.021E-16	0.000E+00	4.963E+02	-3.654E+02	-7.124E-01
5	1	10	-6.981E-18	-7.325E-17	-3.909E-17	1.341E+02	3.169E+01	-4.273E+02	1.113E-17	-9.136E-17	0.000E+00	4.997E+02	-3.653E+02	-7.078E-01
5	1	11	-1.513E-17	-7.417E-17	-4.924E-17	1.691E+02	1.466E+01	-3.569E+02	1.276E-17	-1.021E-16	0.000E+00	4.570E+02	-2.733E+02	-6.789E-01
5	1	12	-6.981E-18	-7.325E-17	-3.909E-17	1.750E+02	1.226E+01	-3.580E+02	1.113E-17	-9.136E-17	0.000E+00	4.607E+02	-2.735E+02	-6.736E-01
5	1	13	6.981E-18	7.325E-17	3.909E-17	1.037E+02	-3.221E+00	-4.686E+02	9.136E-17	-1.113E-17	1.571E+00	5.219E+02	-4.214E+02	-7.286E-01
5	1	14	1.513E-17	7.417E-17	4.924E-17	1.097E+02	-5.628E+00	-4.696E+02	1.021E-16	-1.276E-17	1.571E+00	5.252E+02	-4.211E+02	-7.243E-01
5	1	15	6.981E-18	7.325E-17	3.909E-17	1.446E+02	8.718E+00	-3.992E+02	9.136E-17	-1.113E-17	1.571E+00	4.816E+02	-3.283E+02	-7.011E-01
5	1	16	1.513E-17	7.417E-17	4.924E-17	1.506E+02	6.312E+00	-4.003E+02	1.021E-16	-1.276E-17	1.571E+00	4.852E+02	-3.283E+02	-6.962E-01
5	2	1	-1.665E-16	1.029E-17	1.082E-32	4.755E+02	-1.886E+03	2.173E+02	1.029E-17	-1.665E-16	1.571E+00	4.954E+02	-1.906E+03	9.099E-02
5	2	2	-1.519E-16	4.434E-18	9.571E-33	4.823E+02	-1.889E+03	2.178E+02	4.434E-18	-1.519E-16	1.571E+00	5.022E+02	-1.909E+03	9.085E-02
5	2	3	-1.665E-16	1.029E-17	1.082E-32	5.424E+02	-1.849E+03	2.779E+02	1.029E-17	-1.665E-16	1.571E+00	5.742E+02	-1.881E+03	1.142E-01
5	2	4	-1.519E-16	4.434E-18	9.571E-33	5.491E+02	-1.852E+03	2.784E+02	4.434E-18	-1.519E-16	1.571E+00	5.810E+02	-1.883E+03	1.140E-01
5	2	5	1.519E-16	-4.434E-18	-9.571E-33	4.349E+02	-1.909E+03	1.801E+02	1.519E-16	-4.434E-18	0.000E+00	4.487E+02	-1.922E+03	7.624E-02
5	2	6	1.665E-16	-1.029E-17	-1.082E-32	4.417E+02	-1.911E+03	1.806E+02	1.665E-16	-1.029E-17	0.000E+00	4.555E+02	-1.925E+03	7.617E-02
5	2	7	1.519E-16	-4.434E-18	-9.571E-33	5.018E+02	-1.871E+03	2.407E+02	1.519E-16	-4.434E-18	0.000E+00	5.259E+02	-1.895E+03	1.001E-01
5	2	8	1.665E-16	-1.029E-17	-1.082E-32	5.085E+02	-1.874E+03	2.412E+02	1.665E-16	-1.029E-17	0.000E+00	5.327E+02	-1.898E+03	9.991E-02
5	2	9	-1.665E-16	1.029E-17	1.082E-32	1.121E+03	-4.238E+02	-1.978E+01	1.029E-17	-1.665E-16	1.571E+00	1.121E+03	-4.241E+02	-1.280E-02
5	2	10	-1.519E-16	4.434E-18	9.571E-33	1.128E+03	-4.264E+02	-1.925E+01	4.434E-18	-1.519E-16	1.571E+00	1.128E+03	-4.266E+02	-1.238E-02

5	2	11	-1.665E-16	1.029E-17	1.082E-32	1.188E+03	-3.863E+02	4.083E+01	1.029E-17	-1.665E-16	1.571E+00	1.189E+03	-3.874E+02	2.592E-02
5	2	12	-1.519E-16	4.434E-18	9.571E-33	1.194E+03	-3.889E+02	4.136E+01	4.434E-18	-1.519E-16	1.571E+00	1.195E+03	-3.900E+02	2.610E-02
5	2	13	1.519E-16	-4.434E-18	-9.571E-33	1.080E+03	-4.459E+02	-5.702E+01	1.519E-16	-4.434E-18	0.000E+00	1.082E+03	-4.480E+02	-3.729E-02
5	2	14	1.665E-16	-1.029E-17	-1.082E-32	1.087E+03	-4.484E+02	-5.649E+01	1.665E-16	-1.029E-17	0.000E+00	1.089E+03	-4.505E+02	-3.672E-02
5	2	15	1.519E-16	-4.434E-18	-9.571E-33	1.147E+03	-4.084E+02	3.592E+00	1.519E-16	-4.434E-18	0.000E+00	1.147E+03	-4.084E+02	2.310E-03
5	2	16	1.665E-16	-1.029E-17	-1.082E-32	1.154E+03	-4.110E+02	4.122E+00	1.665E-16	-1.029E-17	0.000E+00	1.154E+03	-4.110E+02	2.634E-03
5	3	1	1.849E-17	-1.075E-16	-1.542E-32	9.791E+01	-2.628E+03	-3.712E+02	1.849E-17	-1.075E-16	0.000E+00	1.476E+02	-2.678E+03	-1.330E-01
5	3	2	1.215E-17	-9.271E-17	-1.284E-32	1.065E+02	-2.628E+03	-3.734E+02	1.215E-17	-9.271E-17	0.000E+00	1.566E+02	-2.678E+03	-1.333E-01
5	3	3	1.849E-17	-1.075E-16	-1.542E-32	1.347E+02	-2.601E+03	-2.908E+02	1.849E-17	-1.075E-16	0.000E+00	1.652E+02	-2.631E+03	-1.047E-01
5	3	4	1.215E-17	-9.271E-17	-1.284E-32	1.433E+02	-2.600E+03	-2.930E+02	1.215E-17	-9.271E-17	0.000E+00	1.742E+02	-2.631E+03	-1.052E-01
5	3	5	-1.215E-17	9.271E-17	1.284E-32	7.780E+01	-2.645E+03	-4.200E+02	9.271E-17	-1.215E-17	1.571E+00	1.411E+02	-2.708E+03	-1.496E-01
5	3	6	-1.849E-17	1.075E-16	1.542E-32	8.641E+01	-2.644E+03	-4.222E+02	1.075E-16	-1.849E-17	1.571E+00	1.502E+02	-2.708E+03	-1.500E-01
5	3	7	-1.215E-17	9.271E-17	1.284E-32	1.146E+02	-2.618E+03	-3.396E+02	9.271E-17	-1.215E-17	1.571E+00	1.561E+02	-2.659E+03	-1.218E-01
5	3	8	-1.849E-17	1.075E-16	1.542E-32	1.232E+02	-2.617E+03	-3.418E+02	1.075E-16	-1.849E-17	1.571E+00	1.652E+02	-2.659E+03	-1.222E-01
5	3	9	1.849E-17	-1.075E-16	-1.542E-32	1.170E+02	1.289E+02	-6.078E+02	1.849E-17	-1.075E-16	0.000E+00	7.308E+02	-4.848E+02	2.351E+00
5	3	10	1.215E-17	-9.271E-17	-1.284E-32	1.256E+02	1.294E+02	-6.100E+02	1.215E-17	-9.271E-17	0.000E+00	7.375E+02	-4.825E+02	2.355E+00
5	3	11	1.849E-17	-1.075E-16	-1.542E-32	1.538E+02	1.561E+02	-5.273E+02	1.849E-17	-1.075E-16	0.000E+00	6.823E+02	-3.724E+02	2.355E+00
5	3	12	1.215E-17	-9.271E-17	-1.284E-32	1.624E+02	1.566E+02	-5.295E+02	1.215E-17	-9.271E-17	0.000E+00	6.890E+02	-3.700E+02	-7.827E-01
5	3	13	-1.215E-17	9.271E-17	1.284E-32	9.691E+01	1.123E+02	-6.566E+02	9.271E-17	-1.215E-17	1.571E+00	7.612E+02	-5.520E+02	2.350E+00
5	3	14	-1.849E-17	1.075E-16	1.542E-32	1.055E+02	1.127E+02	-6.588E+02	1.075E-16	-1.849E-17	1.571E+00	7.679E+02	-5.496E+02	2.353E+00
5	3	15	-1.215E-17	9.271E-17	1.284E-32	1.337E+02	1.395E+02	-5.761E+02	9.271E-17	-1.215E-17	1.571E+00	7.127E+02	-4.395E+02	2.354E+00
5	3	16	-1.849E-17	1.075E-16	1.542E-32	1.423E+02	1.400E+02	-5.783E+02	1.075E-16	-1.849E-17	1.571E+00	7.194E+02	-4.372E+02	-7.844E-01
5	4	1	-6.336E-17	4.127E-17	-6.407E-33	3.724E+00	-1.236E+03	1.759E+02	4.127E-17	-6.336E-17	1.571E+00	2.822E+01	-1.260E+03	1.383E-01
5	4	2	-4.791E-17	3.455E-17	-5.049E-33	1.147E+01	-1.234E+03	1.735E+02	3.455E-17	-4.791E-17	1.571E+00	3.519E+01	-1.258E+03	1.358E-01
5	4	3	-6.336E-17	4.127E-17	-6.407E-33	-1.507E+01	-1.228E+03	2.508E+02	4.127E-17	-6.336E-17	1.571E+00	3.474E+01	-1.278E+03	1.961E-01
5	4	4	-4.791E-17	3.455E-17	-5.049E-33	7.319E+00	-1.227E+03	2.484E+02	3.455E-17	-4.791E-17	1.571E+00	4.132E+01	-1.276E+03	1.934E-01
5	4	5	4.791E-17	-3.455E-17	5.049E-33	1.711E-01	-1.240E+03	1.308E+02	4.791E-17	-3.455E-17	0.000E+00	1.381E+01	-1.254E+03	1.039E-01
5	4	6	6.336E-17	-4.127E-17	6.407E-33	7.920E+00	-1.239E+03	1.283E+02	6.336E-17	-4.127E-17	0.000E+00	2.099E+01	-1.252E+03	1.015E-01
5	4	7	4.791E-17	-3.455E-17	5.049E-33	-1.862E+01	-1.232E+03	2.056E+02	4.791E-17	-3.455E-17	0.000E+00	1.526E+01	-1.266E+03	1.633E-01
5	4	8	6.336E-17	-4.127E-17	6.407E-33	-1.087E+01	-1.231E+03	2.032E+02	6.336E-17	-4.127E-17	0.000E+00	2.206E+01	-1.264E+03	1.607E-01
5	4	9	-6.336E-17	4.127E-17	-6.407E-33	-8.485E+02	4.246E+02	1.123E+02	4.127E-17	-6.336E-17	1.571E+00	4.344E+02	-8.583E+02	1.484E+00
5	4	10	-4.791E-17	3.455E-17	-5.049E-33	-8.407E+02	4.257E+02	1.098E+02	3.455E-17	-4.791E-17	1.571E+00	4.352E+02	-8.502E+02	1.485E+00
5	4	11	-6.336E-17	4.127E-17	-6.407E-33	-8.672E+02	4.322E+02	1.871E+02	4.127E-17	-6.336E-17	1.571E+00	4.586E+02	-8.936E+02	1.431E+00
5	4	12	-4.791E-17	3.455E-17	-5.049E-33	-8.595E+02	4.333E+02	1.847E+02	3.455E-17	-4.791E-17	1.571E+00	4.591E+02	-8.854E+02	1.432E+00
5	4	13	4.791E-17	-3.455E-17	5.049E-33	-8.520E+02	4.201E+02	6.707E+01	4.791E-17	-3.455E-17	0.000E+00	4.236E+02	-8.555E+02	1.518E+00
5	4	14	6.336E-17	-4.127E-17	6.407E-33	-8.443E+02	4.212E+02	6.464E+01	6.336E-17	-4.127E-17	0.000E+00	4.245E+02	-8.475E+02	1.520E+00
5	4	15	4.791E-17	-3.455E-17	5.049E-33	-8.708E+02	4.276E+02	1.419E+02	4.791E-17	-3.455E-17	0.000E+00	4.430E+02	-8.861E+02	1.463E+00
5	4	16	6.336E-17	-4.127E-17	6.407E-33	-8.630E+02	4.288E+02	1.395E+02	6.336E-17	-4.127E-17	0.000E+00	4.436E+02	-8.779E+02	1.464E+00
6	1	1	-4.274E-18	-5.676E-18	-1.033E-16	-1.401E+02	-3.574E+03	-6.256E+02	9.828E-17	-1.082E-16	0.000E+00	-2.969E+01	-3.684E+03	-1.747E-01
6	1	2	2.357E-18	-7.101E-18	-2.255E-17	-1.333E+02	-3.587E+03	-6.289E+02	2.067E-17	-2.541E-17	0.000E+00	-2.234E+01	-3.698E+03	-1.747E-01
6	1	3	-4.274E-18	-5.676E-18	-1.033E-16	-9.925E+01	-3.498E+03	-5.364E+02	9.828E-17	-1.082E-16	0.000E+00	-1.660E+01	-3.581E+03	-1.529E-01
6	1	4	2.357E-18	-7.101E-18	-2.255E-17	-9.244E+01	-3.511E+03	-5.397E+02	2.067E-17	-2.541E-17	0.000E+00	-9.255E+00	-3.594E+03	-1.529E-01
6	1	5	-2.357E-18	7.101E-18	2.255E-17	-1.641E+02	-3.614E+03	-6.795E+02	2.541E-17	-2.067E-17	1.571E+00	-3.513E+01	-3.743E+03	-1.876E-01

6	1	6	4.274E-18	5.676E-18	1.033E-16	-1.573E+02	-3.626E+03	-6.827E+02	1.082E-16	-9.828E-17	1.571E+00	-2.780E+01	-3.756E+03	-1.875E-01
6	1	7	-2.357E-18	7.101E-18	2.255E-17	-1.233E+02	-3.538E+03	-5.902E+02	2.541E-17	-2.067E-17	1.571E+00	-2.411E+01	-3.637E+03	-1.664E-01
6	1	8	4.274E-18	5.676E-18	1.033E-16	-1.165E+02	-3.550E+03	-5.935E+02	1.082E-16	-9.828E-17	1.571E+00	-1.677E+01	-3.650E+03	-1.664E-01
6	1	9	-4.274E-18	-5.676E-18	-1.033E-16	1.897E+02	4.749E+02	-9.564E+02	9.828E-17	-1.082E-16	0.000E+00	1.299E+03	-6.347E+02	2.282E+00
6	1	10	2.357E-18	-7.101E-18	-2.255E-17	1.965E+02	4.621E+02	-9.597E+02	2.067E-17	-2.541E-17	0.000E+00	1.298E+03	-6.395E+02	2.287E+00
6	1	11	-4.274E-18	-5.676E-18	-1.033E-16	2.305E+02	5.508E+02	-8.672E+02	9.828E-17	-1.082E-16	0.000E+00	1.272E+03	-4.912E+02	2.265E+00
6	1	12	2.357E-18	-7.101E-18	-2.255E-17	2.374E+02	5.380E+02	-8.704E+02	2.067E-17	-2.541E-17	0.000E+00	1.271E+03	-4.957E+02	2.271E+00
6	1	13	-2.357E-18	7.101E-18	2.255E-17	1.656E+02	4.352E+02	-1.010E+03	2.541E-17	-2.067E-17	1.571E+00	1.320E+03	-7.188E+02	2.290E+00
6	1	14	4.274E-18	5.676E-18	1.033E-16	1.725E+02	4.224E+02	-1.013E+03	1.082E-16	-9.828E-17	1.571E+00	1.319E+03	-7.238E+02	2.295E+00
6	1	15	-2.357E-18	7.101E-18	2.255E-17	2.065E+02	5.110E+02	-9.210E+02	2.541E-17	-2.067E-17	1.571E+00	1.292E+03	-5.747E+02	2.274E+00
6	1	16	4.274E-18	5.676E-18	1.033E-16	2.133E+02	4.982E+02	-9.243E+02	1.082E-16	-9.828E-17	1.571E+00	1.291E+03	-5.794E+02	2.280E+00
6	2	1	-1.092E-16	9.471E-17	1.248E-32	4.916E+02	-7.456E+03	-3.210E+02	9.471E-17	-1.092E-16	1.571E+00	5.045E+02	-7.469E+03	-4.030E-02
6	2	2	-3.074E-17	1.888E-17	3.038E-33	5.022E+02	-7.473E+03	-3.196E+02	1.888E-17	-3.074E-17	1.571E+00	5.150E+02	-7.486E+03	-3.999E-02
6	2	3	-1.092E-16	9.471E-17	1.248E-32	5.687E+02	-7.258E+03	-2.334E+02	9.471E-17	-1.092E-16	1.571E+00	5.756E+02	-7.265E+03	-2.978E-02
6	2	4	-3.074E-17	1.888E-17	3.038E-33	5.793E+02	-7.275E+03	-2.320E+02	1.888E-17	-3.074E-17	1.571E+00	5.861E+02	-7.282E+03	-2.950E-02
6	2	5	3.074E-17	-1.888E-17	-3.038E-33	4.455E+02	-7.571E+03	-3.748E+02	3.074E-17	-1.888E-17	0.000E+00	4.630E+02	-7.588E+03	-4.663E-02
6	2	6	1.092E-16	-9.471E-17	-1.248E-32	4.562E+02	-7.587E+03	-3.734E+02	1.092E-16	-9.471E-17	0.000E+00	4.735E+02	-7.605E+03	-4.629E-02
6	2	7	3.074E-17	-1.888E-17	-3.038E-33	5.226E+02	-7.373E+03	-2.872E+02	3.074E-17	-1.888E-17	0.000E+00	5.331E+02	-7.383E+03	-3.632E-02
6	2	8	1.092E-16	-9.471E-17	-1.248E-32	5.332E+02	-7.390E+03	-2.858E+02	1.092E-16	-9.471E-17	0.000E+00	5.435E+02	-7.400E+03	-3.601E-02
6	2	9	-1.092E-16	9.471E-17	1.248E-32	2.313E+03	8.936E+02	-5.504E+02	9.471E-17	-1.092E-16	1.571E+00	2.501E+03	7.052E+02	-3.298E-01
6	2	10	-3.074E-17	1.888E-17	3.038E-33	2.324E+03	8.768E+02	-5.489E+02	1.888E-17	-3.074E-17	1.571E+00	2.508E+03	6.921E+02	-3.245E-01
6	2	11	-1.092E-16	9.471E-17	1.248E-32	2.390E+03	1.091E+03	-4.627E+02	9.471E-17	-1.092E-16	1.571E+00	2.538E+03	9.434E+02	-3.096E-01
6	2	12	-3.074E-17	1.888E-17	3.038E-33	2.401E+03	1.075E+03	-4.613E+02	1.888E-17	-3.074E-17	1.571E+00	2.545E+03	9.299E+02	-3.039E-01
6	2	13	3.074E-17	-1.888E-17	-3.038E-33	2.267E+03	7.792E+02	-6.042E+02	3.074E-17	-1.888E-17	0.000E+00	2.481E+03	5.647E+02	-3.411E-01
6	2	14	1.092E-16	-9.471E-17	-1.248E-32	2.278E+03	7.623E+02	-6.028E+02	1.092E-16	-9.471E-17	0.000E+00	2.488E+03	5.518E+02	-3.360E-01
6	2	15	3.074E-17	-1.888E-17	-3.038E-33	2.344E+03	9.770E+02	-5.166E+02	3.074E-17	-1.888E-17	0.000E+00	2.517E+03	8.038E+02	-3.236E-01
6	2	16	1.092E-16	-9.471E-17	-1.248E-32	2.355E+03	9.602E+02	-5.152E+02	1.092E-16	-9.471E-17	0.000E+00	2.524E+03	7.905E+02	-3.182E-01
6	3	1	1.000E-16	-1.074E-16	-2.540E-32	-5.961E+02	-7.079E+03	-1.270E+03	1.000E-16	-1.074E-16	0.000E+00	-3.560E+02	-7.319E+03	-1.868E-01
6	3	2	1.929E-17	-2.665E-17	-5.625E-33	-5.800E+02	-7.080E+03	-1.279E+03	1.929E-17	-2.665E-17	0.000E+00	-3.374E+02	-7.323E+03	-1.875E-01
6	3	3	1.000E-16	-1.074E-16	-2.540E-32	-6.389E+02	-6.972E+03	-1.123E+03	1.000E-16	-1.074E-16	0.000E+00	-4.458E+02	-7.165E+03	-1.704E-01
6	3	4	1.929E-17	-2.665E-17	-5.625E-33	-6.229E+02	-6.974E+03	-1.131E+03	1.929E-17	-2.665E-17	0.000E+00	-4.274E+02	-7.169E+03	-1.711E-01
6	3	5	-1.929E-17	2.665E-17	5.625E-33	-6.109E+02	-7.143E+03	-1.358E+03	2.665E-17	-1.929E-17	1.571E+00	-3.398E+02	-7.414E+03	-1.970E-01
6	3	6	-1.000E-16	1.074E-16	2.540E-32	-5.949E+02	-7.144E+03	-1.367E+03	1.074E-16	-1.000E-16	1.571E+00	-3.211E+02	-7.418E+03	-1.977E-01
6	3	7	-1.929E-17	2.665E-17	5.625E-33	-6.537E+02	-7.036E+03	-1.210E+03	2.665E-17	-1.929E-17	1.571E+00	-4.320E+02	-7.258E+03	-1.812E-01
6	3	8	-1.000E-16	1.074E-16	2.540E-32	-6.377E+02	-7.038E+03	-1.219E+03	1.074E-16	-1.000E-16	1.571E+00	-4.134E+02	-7.262E+03	-1.820E-01
6	3	9	1.000E-16	-1.074E-16	-2.540E-32	3.941E+02	2.024E+03	-1.049E+03	1.000E-16	-1.074E-16	0.000E+00	2.538E+03	-1.195E+02	2.026E+00
6	3	10	1.929E-17	-2.665E-17	-5.625E-33	4.101E+02	2.023E+03	-1.058E+03	1.929E-17	-2.665E-17	0.000E+00	2.547E+03	-1.138E+02	2.031E+00
6	3	11	1.000E-16	-1.074E-16	-2.540E-32	3.512E+02	2.130E+03	-9.016E+02	1.000E-16	-1.074E-16	0.000E+00	2.507E+03	-2.578E+01	1.967E+00
6	3	12	1.929E-17	-2.665E-17	-5.625E-33	3.672E+02	2.129E+03	-9.103E+02	1.929E-17	-2.665E-17	0.000E+00	2.515E+03	-1.863E+01	1.972E+00
6	3	13	-1.929E-17	2.665E-17	5.625E-33	3.792E+02	1.960E+03	-1.137E+03	2.665E-17	-1.929E-17	1.571E+00	2.554E+03	-2.150E+02	2.052E+00
6	3	14	-1.000E-16	1.074E-16	2.540E-32	3.953E+02	1.958E+03	-1.146E+03	1.074E-16	-1.000E-16	1.571E+00	2.564E+03	-2.100E+02	2.057E+00
6	3	15	-1.929E-17	2.665E-17	5.625E-33	3.364E+02	2.066E+03	-9.892E+02	2.665E-17	-1.929E-17	1.571E+00	2.515E+03	-1.127E+02	1.997E+00
6	3	16	-1.000E-16	1.074E-16	2.540E-32	3.524E+02	2.065E+03	-9.979E+02	1.074E-16	-1.000E-16	1.571E+00	2.523E+03	-1.063E+02	2.002E+00

6	4	1	-1.066E-16	1.038E-16	-1.289E-32	-1.069E+03	-5.087E+03	4.210E+02	1.038E-16	-1.066E-16	1.571E+00	-1.025E+03	-5.131E+03	1.033E-01
6	4	2	-2.107E-17	2.083E-17	-2.565E-33	-1.057E+03	-5.086E+03	4.124E+02	2.083E-17	-2.107E-17	1.571E+00	-1.015E+03	-5.128E+03	1.010E-01
6	4	3	-1.066E-16	1.038E-16	-1.289E-32	-1.104E+03	-5.076E+03	5.418E+02	1.038E-16	-1.066E-16	1.571E+00	-1.031E+03	-5.149E+03	1.331E-01
6	4	4	-2.107E-17	2.083E-17	-2.565E-33	-1.091E+03	-5.075E+03	5.332E+02	2.083E-17	-2.107E-17	1.571E+00	-1.021E+03	-5.145E+03	1.308E-01
6	4	5	2.107E-17	-2.083E-17	2.565E-33	-1.060E+03	-5.094E+03	3.498E+02	2.107E-17	-2.083E-17	0.000E+00	-1.030E+03	-5.124E+03	8.587E-02
6	4	6	1.066E-16	-1.038E-16	1.289E-32	-1.048E+03	-5.092E+03	3.413E+02	1.066E-16	-1.038E-16	0.000E+00	-1.019E+03	-5.121E+03	8.359E-02
6	4	7	2.107E-17	-2.083E-17	2.565E-33	-1.095E+03	-5.083E+03	4.706E+02	2.107E-17	-2.083E-17	0.000E+00	-1.040E+03	-5.138E+03	1.159E-01
6	4	8	1.066E-16	-1.038E-16	1.289E-32	-1.083E+03	-5.081E+03	4.621E+02	1.066E-16	-1.038E-16	0.000E+00	-1.030E+03	-5.134E+03	1.136E-01
6	4	9	-1.066E-16	1.038E-16	-1.289E-32	-1.761E+03	1.690E+03	3.498E+02	1.038E-16	-1.066E-16	1.571E+00	1.725E+03	-1.796E+03	1.471E+00
6	4	10	-2.107E-17	2.083E-17	-2.565E-33	-1.749E+03	1.691E+03	3.413E+02	2.083E-17	-2.107E-17	1.571E+00	1.725E+03	-1.782E+03	1.473E+00
6	4	11	-1.066E-16	1.038E-16	-1.289E-32	-1.796E+03	1.701E+03	4.707E+02	1.038E-16	-1.066E-16	1.571E+00	1.763E+03	-1.858E+03	1.439E+00
6	4	12	-2.107E-17	2.083E-17	-2.565E-33	-1.783E+03	1.702E+03	4.621E+02	2.083E-17	-2.107E-17	1.571E+00	1.763E+03	-1.844E+03	1.441E+00
6	4	13	2.107E-17	-2.083E-17	2.565E-33	-1.752E+03	1.683E+03	2.787E+02	2.107E-17	-2.083E-17	0.000E+00	1.706E+03	-1.774E+03	1.490E+00
6	4	14	1.066E-16	-1.038E-16	1.289E-32	-1.740E+03	1.685E+03	2.701E+02	1.066E-16	-1.038E-16	0.000E+00	1.706E+03	-1.761E+03	1.493E+00
6	4	15	2.107E-17	-2.083E-17	2.565E-33	-1.787E+03	1.694E+03	3.995E+02	2.107E-17	-2.083E-17	0.000E+00	1.740E+03	-1.832E+03	1.458E+00
6	4	16	1.066E-16	-1.038E-16	1.289E-32	-1.774E+03	1.696E+03	3.910E+02	1.066E-16	-1.038E-16	0.000E+00	1.739E+03	-1.818E+03	1.460E+00
7	1	1	1.450E-13	9.669E-13	1.821E-13	-7.750E+02	-7.415E+03	-2.196E+03	1.005E-12	1.065E-13	1.571E+00	-1.142E+02	-8.076E+03	-2.922E-01
7	1	2	1.457E-13	9.714E-13	1.809E-13	-7.639E+02	-7.454E+03	-2.212E+03	1.009E-12	1.078E-13	1.571E+00	-9.839E+01	-8.119E+03	-2.922E-01
7	1	3	1.361E-13	9.074E-13	1.713E-13	-7.277E+02	-7.167E+03	-2.002E+03	9.438E-13	9.977E-14	1.571E+00	-1.557E+02	-7.739E+03	-2.782E-01
7	1	4	1.368E-13	9.119E-13	1.702E-13	-7.166E+02	-7.206E+03	-2.018E+03	9.476E-13	1.011E-13	1.571E+00	-1.399E+02	-7.782E+03	-2.783E-01
7	1	5	1.502E-13	1.001E-12	1.887E-13	-8.009E+02	-7.546E+03	-2.309E+03	1.041E-12	1.102E-13	1.571E+00	-8.603E+01	-8.261E+03	-3.002E-01
7	1	6	1.509E-13	1.006E-12	1.876E-13	-7.898E+02	-7.585E+03	-2.325E+03	1.045E-12	1.115E-13	1.571E+00	-7.025E+01	-8.305E+03	-3.001E-01
7	1	7	1.413E-13	9.419E-13	1.780E-13	-7.535E+02	-7.298E+03	-2.115E+03	9.797E-13	1.035E-13	1.571E+00	-1.294E+02	-7.923E+03	-2.869E-01
7	1	8	1.420E-13	9.464E-13	1.768E-13	-7.424E+02	-7.337E+03	-2.131E+03	9.836E-13	1.048E-13	1.571E+00	-1.136E+02	-7.966E+03	-2.869E-01
7	1	9	-1.606E-13	-1.071E-12	-1.993E-13	6.361E+02	3.248E+03	-1.109E+03	-1.189E-13	-1.112E-12	0.000E+00	3.656E+03	2.286E+02	1.923E+00
7	1	10	-1.599E-13	-1.066E-12	-2.004E-13	6.472E+02	3.209E+03	-1.125E+03	-1.176E-13	-1.109E-12	0.000E+00	3.633E+03	2.232E+02	1.931E+00
7	1	11	-1.695E-13	-1.130E-12	-2.100E-13	6.835E+02	3.496E+03	-9.153E+02	-1.256E-13	-1.174E-12	0.000E+00	3.768E+03	4.119E+02	1.859E+00
7	1	12	-1.689E-13	-1.126E-12	-2.112E-13	6.946E+02	3.457E+03	-9.313E+02	-1.243E-13	-1.170E-12	0.000E+00	3.742E+03	4.099E+02	1.867E+00
7	1	13	-1.554E-13	-1.036E-12	-1.926E-13	6.103E+02	3.117E+03	-1.222E+03	-1.152E-13	-1.077E-12	0.000E+00	3.614E+03	1.130E+02	1.957E+00
7	1	14	-1.548E-13	-1.032E-12	-1.938E-13	6.214E+02	3.078E+03	-1.238E+03	-1.139E-13	-1.073E-12	0.000E+00	3.594E+03	1.056E+02	1.966E+00
7	1	15	-1.644E-13	-1.096E-12	-2.034E-13	6.576E+02	3.365E+03	-1.028E+03	-1.219E-13	-1.138E-12	0.000E+00	3.711E+03	3.114E+02	1.896E+00
7	1	16	-1.637E-13	-1.091E-12	-2.045E-13	6.687E+02	3.326E+03	-1.044E+03	-1.206E-13	-1.134E-12	0.000E+00	3.687E+03	3.075E+02	1.904E+00
7	2	1	-1.253E-13	2.089E-12	1.354E-28	1.987E+03	-1.345E+04	-7.789E+02	2.089E-12	-1.253E-13	1.571E+00	2.026E+03	-1.349E+04	-5.029E-02
7	2	2	-1.134E-13	2.086E-12	1.345E-28	2.021E+03	-1.350E+04	-7.758E+02	2.086E-12	-1.134E-13	1.571E+00	2.059E+03	-1.354E+04	-4.981E-02
7	2	3	-1.129E-13	1.963E-12	1.273E-28	1.886E+03	-1.283E+04	-6.195E+02	1.963E-12	-1.129E-13	1.571E+00	1.912E+03	-1.285E+04	-4.200E-02
7	2	4	-1.010E-13	1.960E-12	1.264E-28	1.920E+03	-1.288E+04	-6.165E+02	1.960E-12	-1.010E-13	1.571E+00	1.946E+03	-1.291E+04	-4.154E-02
7	2	5	-5.670E-14	2.090E-12	1.313E-28	1.945E+03	-1.380E+04	-8.769E+02	2.090E-12	-5.670E-14	1.571E+00	1.993E+03	-1.385E+04	-5.546E-02
7	2	6	-4.480E-14	2.087E-12	1.304E-28	1.979E+03	-1.386E+04	-8.738E+02	2.087E-12	-4.480E-14	1.571E+00	2.027E+03	-1.391E+04	-5.495E-02
7	2	7	-4.432E-14	1.964E-12	1.232E-28	1.844E+03	-1.318E+04	-7.176E+02	1.964E-12	-4.432E-14	1.571E+00	1.878E+03	-1.322E+04	-4.761E-02
7	2	8	-3.242E-14	1.961E-12	1.222E-28	1.878E+03	-1.324E+04	-7.145E+02	1.961E-12	-3.242E-14	1.571E+00	1.912E+03	-1.327E+04	-4.712E-02
7	2	9	-2.157E-13	-1.966E-12	-1.073E-28	5.084E+03	1.036E+04	-1.478E+03	-2.157E-13	-1.966E-12	0.000E+00	1.075E+04	4.698E+03	1.826E+00
7	2	10	-2.038E-13	-1.969E-12	-1.083E-28	5.118E+03	1.031E+04	-1.475E+03	-2.038E-13	-1.969E-12	0.000E+00	1.070E+04	4.728E+03	1.829E+00
7	2	11	-2.033E-13	-2.092E-12	-1.155E-28	4.983E+03	1.098E+04	-1.319E+03	-2.033E-13	-2.092E-12	0.000E+00	1.126E+04	4.706E+03	1.778E+00

7	2	12	-1.914E-13	-2.095E-12	-1.164E-28	5.018E+03	1.093E+04	-1.316E+03	-1.914E-13	-2.095E-12	0.000E+00	1.121E+04	4.738E+03	1.780E+00
7	2	13	-1.471E-13	-1.964E-12	-1.115E-28	5.042E+03	1.001E+04	-1.576E+03	-1.471E-13	-1.964E-12	0.000E+00	1.047E+04	4.584E+03	1.854E+00
7	2	14	-1.352E-13	-1.967E-12	-1.124E-28	5.076E+03	9.952E+03	-1.573E+03	-1.352E-13	-1.967E-12	0.000E+00	1.042E+04	4.612E+03	1.857E+00
7	2	15	-1.347E-13	-2.090E-12	-1.196E-28	4.941E+03	1.063E+04	-1.417E+03	-1.347E-13	-2.090E-12	0.000E+00	1.096E+04	4.608E+03	1.802E+00
7	2	16	-1.228E-13	-2.093E-12	-1.205E-28	4.975E+03	1.057E+04	-1.414E+03	-1.228E-13	-2.093E-12	0.000E+00	1.091E+04	4.639E+03	1.805E+00
7	3	1	1.130E-12	-1.783E-14	-1.400E-28	-1.018E+03	-7.759E+03	-4.773E+03	1.130E-12	-1.783E-14	0.000E+00	1.454E+03	-1.023E+04	-4.780E-01
7	3	2	1.125E-12	-1.119E-14	-1.386E-28	-9.779E+02	-7.769E+03	-4.807E+03	1.125E-12	-1.119E-14	0.000E+00	1.512E+03	-1.026E+04	-4.779E-01
7	3	3	1.062E-12	-3.833E-15	-1.311E-28	-1.128E+03	-7.450E+03	-4.383E+03	1.062E-12	-3.833E-15	0.000E+00	1.115E+03	-9.693E+03	-4.730E-01
7	3	4	1.057E-12	2.809E-15	-1.297E-28	-1.088E+03	-7.460E+03	-4.418E+03	1.057E-12	2.809E-15	0.000E+00	1.173E+03	-9.720E+03	-4.730E-01
7	3	5	1.133E-12	1.942E-14	-1.358E-28	-9.937E+02	-7.944E+03	-4.997E+03	1.133E-12	1.942E-14	0.000E+00	1.618E+03	-1.056E+04	-4.816E-01
7	3	6	1.128E-12	2.606E-14	-1.344E-28	-9.535E+02	-7.954E+03	-5.032E+03	1.128E-12	2.606E-14	0.000E+00	1.676E+03	-1.058E+04	-4.815E-01
7	3	7	1.064E-12	3.341E-14	-1.268E-28	-1.104E+03	-7.635E+03	-4.608E+03	1.064E-12	3.341E-14	0.000E+00	1.279E+03	-1.002E+04	-4.771E-01
7	3	8	1.059E-12	4.005E-14	-1.254E-28	-1.063E+03	-7.644E+03	-4.642E+03	1.059E-12	4.005E-14	0.000E+00	1.336E+03	-1.004E+04	-4.771E-01
7	3	9	-1.067E-12	-1.744E-13	1.099E-28	1.036E+03	8.003E+03	1.713E+03	-1.744E-13	-1.067E-12	1.571E+00	8.402E+03	6.375E+02	1.342E+00
7	3	10	-1.072E-12	-1.678E-13	1.113E-28	1.076E+03	7.993E+03	1.679E+03	-1.678E-13	-1.072E-12	1.571E+00	8.379E+03	6.903E+02	1.345E+00
7	3	11	-1.136E-12	-1.604E-13	1.189E-28	9.263E+02	8.312E+03	2.103E+03	-1.604E-13	-1.136E-12	1.571E+00	8.869E+03	3.696E+02	1.312E+00
7	3	12	-1.141E-12	-1.538E-13	1.203E-28	9.665E+02	8.303E+03	2.068E+03	-1.538E-13	-1.141E-12	1.571E+00	8.845E+03	4.236E+02	1.314E+00
7	3	13	-1.065E-12	-1.372E-13	1.142E-28	1.060E+03	7.818E+03	1.489E+03	-1.372E-13	-1.065E-12	1.571E+00	8.132E+03	7.470E+02	1.363E+00
7	3	14	-1.070E-12	-1.305E-13	1.156E-28	1.101E+03	7.808E+03	1.454E+03	-1.305E-13	-1.070E-12	1.571E+00	8.110E+03	7.990E+02	1.366E+00
7	3	15	-1.133E-12	-1.232E-13	1.231E-28	9.507E+02	8.128E+03	1.878E+03	-1.232E-13	-1.133E-12	1.571E+00	8.589E+03	4.889E+02	1.330E+00
7	3	16	-1.138E-12	-1.165E-13	1.245E-28	9.910E+02	8.118E+03	1.844E+03	-1.165E-13	-1.138E-12	1.571E+00	8.566E+03	5.422E+02	1.332E+00
7	4	1	-1.508E-13	4.134E-13	-3.451E-29	-3.256E+03	-4.969E+03	1.116E+03	4.134E-13	-1.508E-13	1.571E+00	-2.705E+03	-5.519E+03	4.581E-01
7	4	2	-1.504E-13	4.113E-13	-3.436E-29	-3.238E+03	-4.966E+03	1.089E+03	4.113E-13	-1.504E-13	1.571E+00	-2.712E+03	-5.493E+03	4.501E-01
7	4	3	-1.405E-13	3.902E-13	-3.253E-29	-3.351E+03	-4.952E+03	1.409E+03	3.902E-13	-1.405E-13	1.571E+00	-2.530E+03	-5.772E+03	5.271E-01
7	4	4	-1.401E-13	3.880E-13	-3.237E-29	-3.333E+03	-4.949E+03	1.383E+03	3.880E-13	-1.401E-13	1.571E+00	-2.539E+03	-5.743E+03	5.208E-01
7	4	5	-1.373E-13	4.094E-13	-3.344E-29	-3.208E+03	-4.979E+03	9.473E+02	4.094E-13	-1.373E-13	1.571E+00	-2.797E+03	-5.390E+03	4.096E-01
7	4	6	-1.370E-13	4.073E-13	-3.329E-29	-3.190E+03	-4.976E+03	9.204E+02	4.073E-13	-1.370E-13	1.571E+00	-2.801E+03	-5.366E+03	4.003E-01
7	4	7	-1.270E-13	3.862E-13	-3.146E-29	-3.303E+03	-4.962E+03	1.241E+03	3.862E-13	-1.270E-13	1.571E+00	-2.640E+03	-5.625E+03	4.907E-01
7	4	8	-1.267E-13	3.841E-13	-3.131E-29	-3.285E+03	-4.959E+03	1.214E+03	3.841E-13	-1.267E-13	1.571E+00	-2.648E+03	-5.597E+03	4.835E-01
7	4	9	7.963E-14	-3.696E-13	2.754E-29	-3.524E+03	2.099E+03	2.454E+02	7.963E-14	-3.696E-13	0.000E+00	2.109E+03	-3.535E+03	1.527E+00
7	4	10	8.001E-14	-3.717E-13	2.769E-29	-3.506E+03	2.101E+03	2.186E+02	8.001E-14	-3.717E-13	0.000E+00	2.110E+03	-3.514E+03	1.532E+00
7	4	11	8.995E-14	-3.928E-13	2.952E-29	-3.619E+03	2.116E+03	5.387E+02	8.995E-14	-3.928E-13	0.000E+00	2.166E+03	-3.669E+03	1.478E+00
7	4	12	9.032E-14	-3.949E-13	2.968E-29	-3.601E+03	2.118E+03	5.118E+02	9.032E-14	-3.949E-13	0.000E+00	2.164E+03	-3.646E+03	1.482E+00
7	4	13	9.306E-14	-3.736E-13	2.861E-29	-3.476E+03	2.089E+03	7.656E+01	9.306E-14	-3.736E-13	0.000E+00	2.090E+03	-3.477E+03	1.557E+00
7	4	14	9.344E-14	-3.757E-13	2.876E-29	-3.458E+03	2.091E+03	4.969E+01	9.344E-14	-3.757E-13	0.000E+00	2.092E+03	-3.459E+03	1.562E+00
7	4	15	1.034E-13	-3.968E-13	3.059E-29	-3.571E+03	2.106E+03	3.698E+02	1.034E-13	-3.968E-13	0.000E+00	2.130E+03	-3.595E+03	1.506E+00
7	4	16	1.038E-13	-3.989E-13	3.074E-29	-3.553E+03	2.108E+03	3.429E+02	1.038E-13	-3.989E-13	0.000E+00	2.129E+03	-3.574E+03	1.511E+00
8	1	1	-4.046E-13	-2.758E-12	1.557E-13	2.872E+02	2.654E+02	-5.973E+03	-3.944E-13	-2.768E-12	0.000E+00	6.249E+03	-5.696E+03	-7.845E-01
8	1	2	-4.128E-13	-2.774E-12	1.632E-13	3.324E+02	2.830E+02	-6.014E+03	-4.016E-13	-2.786E-12	0.000E+00	6.321E+03	-5.706E+03	-7.833E-01
8	1	3	-3.718E-13	-2.586E-12	1.341E-13	1.272E+02	1.613E+02	-5.497E+03	-3.637E-13	-2.594E-12	0.000E+00	5.641E+03	-5.353E+03	2.355E+00
8	1	4	-3.800E-13	-2.602E-12	1.416E-13	1.725E+02	1.789E+02	-5.538E+03	-3.710E-13	-2.611E-12	0.000E+00	5.714E+03	-5.362E+03	2.356E+00
8	1	5	-4.190E-13	-2.857E-12	1.610E-13	3.499E+02	3.197E+02	-6.248E+03	-4.084E-13	-2.868E-12	0.000E+00	6.582E+03	-5.913E+03	-7.842E-01
8	1	6	-4.271E-13	-2.873E-12	1.685E-13	3.951E+02	3.373E+02	-6.288E+03	-4.156E-13	-2.885E-12	0.000E+00	6.655E+03	-5.922E+03	-7.831E-01

8	1	7	-3.862E-13	-2.685E-12	1.394E-13	1.899E+02	2.157E+02	-5.772E+03	-3.777E-13	-2.693E-12	0.000E+00	5.975E+03	-5.569E+03	2.355E+00
8	1	8	-3.943E-13	-2.701E-12	1.469E-13	2.352E+02	2.333E+02	-5.813E+03	-3.850E-13	-2.710E-12	0.000E+00	6.047E+03	-5.578E+03	-7.853E-01
8	1	9	4.489E-13	3.057E-12	-1.695E-13	-1.684E+02	6.830E+01	3.223E+03	3.068E-12	4.379E-13	1.571E+00	3.175E+03	-3.275E+03	8.037E-01
8	1	10	4.407E-13	3.041E-12	-1.620E-13	-1.231E+02	8.589E+01	3.182E+03	3.051E-12	4.307E-13	1.571E+00	3.165E+03	-3.203E+03	8.018E-01
8	1	11	4.817E-13	3.230E-12	-1.911E-13	-3.283E+02	-3.573E+01	3.699E+03	3.243E-12	4.685E-13	1.571E+00	3.520E+03	-3.884E+03	8.052E-01
8	1	12	4.735E-13	3.213E-12	-1.836E-13	-2.830E+02	-1.813E+01	3.658E+03	3.226E-12	4.613E-13	1.571E+00	3.510E+03	-3.811E+03	8.035E-01
8	1	13	4.346E-13	2.958E-12	-1.642E-13	-1.056E+02	1.226E+02	2.948E+03	2.969E-12	4.239E-13	1.571E+00	2.959E+03	-2.942E+03	8.047E-01
8	1	14	4.264E-13	2.942E-12	-1.567E-13	-6.037E+01	1.402E+02	2.907E+03	2.952E-12	4.167E-13	1.571E+00	2.949E+03	-2.869E+03	8.026E-01
8	1	15	4.674E-13	3.131E-12	-1.858E-13	-2.656E+02	1.861E+01	3.424E+03	3.144E-12	4.545E-13	1.571E+00	3.303E+03	-3.550E+03	8.061E-01
8	1	16	4.592E-13	3.114E-12	-1.783E-13	-2.203E+02	3.621E+01	3.383E+03	3.126E-12	4.473E-13	1.571E+00	3.294E+03	-3.478E+03	8.043E-01
8	2	1	-5.926E-12	-2.721E-13	3.464E-28	8.488E+03	1.987E+03	1.176E+03	-2.721E-13	-5.926E-12	1.571E+00	8.694E+03	1.781E+03	1.736E-01
8	2	2	-5.928E-12	-3.129E-13	3.440E-28	8.570E+03	1.990E+03	1.154E+03	-3.129E-13	-5.928E-12	1.571E+00	8.767E+03	1.793E+03	1.686E-01
8	2	3	-5.561E-12	-2.396E-13	3.256E-28	8.146E+03	1.792E+03	1.460E+03	-2.396E-13	-5.561E-12	1.571E+00	8.465E+03	1.472E+03	2.154E-01
8	2	4	-5.562E-12	-2.803E-13	3.232E-28	8.228E+03	1.795E+03	1.438E+03	-2.803E-13	-5.562E-12	1.571E+00	8.535E+03	1.488E+03	2.101E-01
8	2	5	-5.951E-12	-4.695E-13	3.359E-28	8.642E+03	2.105E+03	1.012E+03	-4.695E-13	-5.951E-12	1.571E+00	8.795E+03	1.952E+03	1.501E-01
8	2	6	-5.952E-12	-5.102E-13	3.334E-28	8.724E+03	2.108E+03	9.890E+02	-5.102E-13	-5.952E-12	1.571E+00	8.869E+03	1.963E+03	1.452E-01
8	2	7	-5.586E-12	-4.369E-13	3.150E-28	8.300E+03	1.910E+03	1.295E+03	-4.369E-13	-5.586E-12	1.571E+00	8.553E+03	1.657E+03	1.926E-01
8	2	8	-5.587E-12	-4.776E-13	3.126E-28	8.382E+03	1.912E+03	1.273E+03	-4.776E-13	-5.587E-12	1.571E+00	8.623E+03	1.671E+03	1.874E-01
8	2	9	5.677E-12	1.190E-12	-2.745E-28	9.469E+02	-3.531E+03	-1.620E+03	5.677E-12	1.190E-12	0.000E+00	1.472E+03	-4.055E+03	-3.132E-01
8	2	10	5.676E-12	1.149E-12	-2.769E-28	1.029E+03	-3.528E+03	-1.643E+03	5.676E-12	1.149E-12	0.000E+00	1.559E+03	-4.058E+03	-3.123E-01
8	2	11	6.042E-12	1.223E-12	-2.953E-28	6.048E+02	-3.726E+03	-1.336E+03	6.042E-12	1.223E-12	0.000E+00	9.840E+02	-4.105E+03	-2.765E-01
8	2	12	6.041E-12	1.182E-12	-2.978E-28	6.870E+02	-3.723E+03	-1.359E+03	6.041E-12	1.182E-12	0.000E+00	1.072E+03	-4.108E+03	-2.762E-01
8	2	13	5.652E-12	9.926E-13	-2.851E-28	1.101E+03	-3.413E+03	-1.785E+03	5.652E-12	9.926E-13	0.000E+00	1.721E+03	-4.033E+03	-3.346E-01
8	2	14	5.651E-12	9.519E-13	-2.875E-28	1.183E+03	-3.410E+03	-1.807E+03	5.651E-12	9.519E-13	0.000E+00	1.809E+03	-4.036E+03	-3.334E-01
8	2	15	6.018E-12	1.025E-12	-3.059E-28	7.589E+02	-3.608E+03	-1.501E+03	6.018E-12	1.025E-12	0.000E+00	1.225E+03	-4.074E+03	-3.012E-01
8	2	16	6.017E-12	9.845E-13	-3.083E-28	8.410E+02	-3.605E+03	-1.524E+03	6.017E-12	9.845E-13	0.000E+00	1.313E+03	-4.077E+03	-3.004E-01
8	3	1	-1.723E-13	-2.997E-12	-3.463E-28	1.406E+02	-7.316E+02	-2.093E+03	-1.723E-13	-2.997E-12	0.000E+00	1.842E+03	-2.433E+03	-6.827E-01
8	3	2	-1.946E-13	-2.996E-12	-3.435E-28	1.906E+02	-7.046E+02	-2.124E+03	-1.946E-13	-2.996E-12	0.000E+00	1.914E+03	-2.428E+03	-6.816E-01
8	3	3	-1.536E-13	-2.810E-12	-3.250E-28	-6.627E+01	-9.599E+02	-1.677E+03	-1.536E-13	-2.810E-12	0.000E+00	1.223E+03	-2.249E+03	-6.552E-01
8	3	4	-1.759E-13	-2.810E-12	-3.222E-28	-1.633E+01	-9.329E+02	-1.709E+03	-1.759E-13	-2.810E-12	0.000E+00	1.295E+03	-2.244E+03	-6.544E-01
8	3	5	-2.721E-13	-3.011E-12	-3.357E-28	2.335E+02	-6.039E+02	-2.335E+03	-2.721E-13	-3.011E-12	0.000E+00	2.187E+03	-2.557E+03	-6.967E-01
8	3	6	-2.943E-13	-3.010E-12	-3.329E-28	2.835E+02	-5.769E+02	-2.366E+03	-2.943E-13	-3.010E-12	0.000E+00	2.259E+03	-2.552E+03	-6.955E-01
8	3	7	-2.534E-13	-2.824E-12	-3.144E-28	2.661E+01	-8.322E+02	-1.920E+03	-2.534E-13	-2.824E-12	0.000E+00	1.564E+03	-2.370E+03	-6.754E-01
8	3	8	-2.756E-13	-2.823E-12	-3.116E-28	7.655E+01	-8.052E+02	-1.951E+03	-2.756E-13	-2.823E-12	0.000E+00	1.636E+03	-2.365E+03	-6.743E-01
8	3	9	6.369E-13	2.872E-12	2.734E-28	-2.273E+02	-1.712E+02	3.026E+03	2.872E-12	6.369E-13	1.571E+00	2.826E+03	-3.225E+03	7.900E-01
8	3	10	6.146E-13	2.873E-12	2.762E-28	-1.774E+02	-1.442E+02	2.994E+03	2.873E-12	6.146E-13	1.571E+00	2.833E+03	-3.155E+03	7.882E-01
8	3	11	6.556E-13	3.059E-12	2.947E-28	-4.342E+02	-3.995E+02	3.441E+03	3.059E-12	6.556E-13	1.571E+00	3.024E+03	-3.858E+03	7.879E-01
8	3	12	6.333E-13	3.060E-12	2.975E-28	-3.843E+02	-3.725E+02	3.410E+03	3.060E-12	6.333E-13	1.571E+00	3.031E+03	-3.788E+03	7.863E-01
8	3	13	5.371E-13	2.859E-12	2.839E-28	-1.344E+02	-4.355E+01	2.783E+03	2.859E-12	5.371E-13	1.571E+00	2.695E+03	-2.873E+03	7.936E-01
8	3	14	5.149E-13	2.859E-12	2.867E-28	-8.448E+01	-1.651E+01	2.752E+03	2.859E-12	5.149E-13	1.571E+00	2.702E+03	-2.803E+03	7.916E-01
8	3	15	5.558E-13	3.045E-12	3.052E-28	-3.413E+02	-2.718E+02	3.199E+03	3.045E-12	5.558E-13	1.571E+00	2.893E+03	-3.506E+03	7.908E-01
8	3	16	5.336E-13	3.046E-12	3.080E-28	-2.914E+02	-2.448E+02	3.167E+03	3.046E-12	5.336E-13	1.571E+00	2.899E+03	-3.436E+03	7.891E-01
8	4	1	-3.315E-13	1.983E-13	-3.242E-29	-8.090E+03	-2.727E+03	1.508E+03	1.983E-13	-3.315E-13	1.571E+00	-2.332E+03	-8.485E+03	1.315E+00

8	4	2	-3.315E-13	1.941E-13	-3.216E-29	-8.076E+03	-2.677E+03	1.473E+03	1.941E-13	-3.315E-13	1.571E+00	-2.301E+03	-8.452E+03	1.321E+00
8	4	3	-3.089E-13	1.877E-13	-3.042E-29	-8.127E+03	-2.940E+03	1.918E+03	1.877E-13	-3.089E-13	1.571E+00	-2.307E+03	-8.759E+03	1.252E+00
8	4	4	-3.089E-13	1.835E-13	-3.017E-29	-8.113E+03	-2.889E+03	1.883E+03	1.835E-13	-3.089E-13	1.571E+00	-2.281E+03	-8.721E+03	1.258E+00
8	4	5	-3.257E-13	1.879E-13	-3.143E-29	-8.085E+03	-2.630E+03	1.270E+03	1.879E-13	-3.257E-13	1.571E+00	-2.349E+03	-8.366E+03	1.353E+00
8	4	6	-3.258E-13	1.837E-13	-3.117E-29	-8.071E+03	-2.580E+03	1.235E+03	1.837E-13	-3.258E-13	1.571E+00	-2.315E+03	-8.336E+03	1.359E+00
8	4	7	-3.031E-13	1.773E-13	-2.943E-29	-8.121E+03	-2.843E+03	1.681E+03	1.773E-13	-3.031E-13	1.571E+00	-2.353E+03	-8.611E+03	1.287E+00
8	4	8	-3.032E-13	1.731E-13	-2.918E-29	-8.107E+03	-2.793E+03	1.646E+03	1.731E-13	-3.032E-13	1.571E+00	-2.324E+03	-8.576E+03	1.294E+00
8	4	9	2.833E-13	-1.346E-13	2.560E-29	-1.353E+03	3.323E+03	-1.391E+03	2.833E-13	-1.346E-13	0.000E+00	3.706E+03	-1.736E+03	1.839E+00
8	4	10	2.832E-13	-1.387E-13	2.585E-29	-1.339E+03	3.373E+03	-1.426E+03	2.832E-13	-1.387E-13	0.000E+00	3.772E+03	-1.737E+03	1.843E+00
8	4	11	3.059E-13	-1.451E-13	2.760E-29	-1.389E+03	3.110E+03	-9.807E+02	3.059E-13	-1.451E-13	0.000E+00	3.315E+03	-1.594E+03	1.776E+00
8	4	12	3.058E-13	-1.493E-13	2.785E-29	-1.375E+03	3.161E+03	-1.016E+03	3.058E-13	-1.493E-13	0.000E+00	3.378E+03	-1.592E+03	1.781E+00
8	4	13	2.890E-13	-1.450E-13	2.659E-29	-1.348E+03	3.420E+03	-1.629E+03	2.890E-13	-1.450E-13	0.000E+00	3.923E+03	-1.851E+03	1.871E+00
8	4	14	2.889E-13	-1.491E-13	2.684E-29	-1.334E+03	3.470E+03	-1.664E+03	2.889E-13	-1.491E-13	0.000E+00	3.990E+03	-1.854E+03	1.874E+00
8	4	15	3.116E-13	-1.555E-13	2.858E-29	-1.384E+03	3.207E+03	-1.218E+03	3.116E-13	-1.555E-13	0.000E+00	3.510E+03	-1.687E+03	1.815E+00
8	4	16	3.115E-13	-1.597E-13	2.884E-29	-1.370E+03	3.257E+03	-1.253E+03	3.115E-13	-1.597E-13	0.000E+00	3.575E+03	-1.688E+03	1.819E+00
9	1	1	1.513E-17	7.417E-17	-4.924E-17	3.741E+02	-3.334E+02	1.699E+02	1.021E-16	-1.276E-17	1.571E+00	4.128E+02	-3.721E+02	2.238E-01
9	1	2	6.981E-18	7.325E-17	-3.909E-17	3.682E+02	-3.310E+02	1.688E+02	9.136E-17	-1.113E-17	1.571E+00	4.068E+02	-3.697E+02	2.249E-01
9	1	3	1.513E-17	7.417E-17	-4.924E-17	3.332E+02	-3.454E+02	2.393E+02	1.021E-16	-1.276E-17	1.571E+00	4.091E+02	-4.212E+02	3.071E-01
9	1	4	6.981E-18	7.325E-17	-3.909E-17	3.273E+02	-3.430E+02	2.382E+02	9.136E-17	-1.113E-17	1.571E+00	4.033E+02	-4.190E+02	3.089E-01
9	1	5	-6.981E-18	-7.325E-17	3.909E-17	3.986E+02	-3.275E+02	1.276E+02	1.113E-17	-9.136E-17	0.000E+00	4.203E+02	-3.493E+02	1.690E-01
9	1	6	-1.513E-17	-7.417E-17	4.924E-17	3.926E+02	-3.251E+02	1.265E+02	1.276E-17	-1.021E-16	0.000E+00	4.143E+02	-3.467E+02	1.695E-01
9	1	7	-6.981E-18	-7.325E-17	3.909E-17	3.577E+02	-3.394E+02	1.969E+02	1.113E-17	-9.136E-17	0.000E+00	4.094E+02	-3.912E+02	2.572E-01
9	1	8	-1.513E-17	-7.417E-17	4.924E-17	3.517E+02	-3.370E+02	1.959E+02	1.276E-17	-1.021E-16	0.000E+00	4.035E+02	-3.888E+02	2.586E-01
9	1	9	1.513E-17	7.417E-17	-4.924E-17	1.506E+02	6.312E+00	4.003E+02	1.021E-16	-1.276E-17	1.571E+00	4.852E+02	-3.283E+02	6.962E-01
9	1	10	6.981E-18	7.325E-17	-3.909E-17	1.446E+02	8.718E+00	3.992E+02	9.136E-17	-1.113E-17	1.571E+00	4.816E+02	-3.283E+02	7.011E-01
9	1	11	1.513E-17	7.417E-17	-4.924E-17	1.097E+02	-5.628E+00	4.696E+02	1.021E-16	-1.276E-17	1.571E+00	5.252E+02	-4.211E+02	7.243E-01
9	1	12	6.981E-18	7.325E-17	-3.909E-17	1.037E+02	-3.221E+00	4.686E+02	9.136E-17	-1.113E-17	1.571E+00	5.219E+02	-4.214E+02	7.286E-01
9	1	13	-6.981E-18	-7.325E-17	3.909E-17	1.750E+02	1.226E+01	3.580E+02	1.113E-17	-9.136E-17	0.000E+00	4.607E+02	-2.735E+02	6.736E-01
9	1	14	-1.513E-17	-7.417E-17	4.924E-17	1.691E+02	1.466E+01	3.569E+02	1.276E-17	-1.021E-16	0.000E+00	4.570E+02	-2.733E+02	6.789E-01
9	1	15	-6.981E-18	-7.325E-17	3.909E-17	1.341E+02	3.169E-01	4.273E+02	1.113E-17	-9.136E-17	0.000E+00	4.997E+02	-3.653E+02	7.078E-01
9	1	16	-1.513E-17	-7.417E-17	4.924E-17	1.281E+02	2.723E+00	4.263E+02	1.276E-17	-1.021E-16	0.000E+00	4.963E+02	-3.654E+02	7.124E-01
9	2	1	-4.127E-17	6.336E-17	6.407E-33	-1.087E+01	-1.231E+03	1.759E+02	6.336E-17	-4.127E-17	1.571E+00	1.399E+01	-1.256E+03	1.404E-01
9	2	2	-3.455E-17	4.791E-17	5.049E-33	-1.862E+01	-1.232E+03	1.735E+02	4.791E-17	-3.455E-17	1.571E+00	5.697E+00	-1.257E+03	1.392E-01
9	2	3	-4.127E-17	6.336E-17	6.407E-33	7.920E+00	-1.239E+03	2.508E+02	6.336E-17	-4.127E-17	1.571E+00	5.647E+01	-1.287E+03	1.912E-01
9	2	4	-3.455E-17	4.791E-17	5.049E-33	1.711E-01	-1.240E+03	2.484E+02	4.791E-17	-3.455E-17	1.571E+00	4.806E+01	-1.288E+03	1.905E-01
9	2	5	3.455E-17	-4.791E-17	-5.049E-33	-7.319E+00	-1.227E+03	1.308E+02	3.455E-17	-4.791E-17	0.000E+00	6.544E+00	-1.241E+03	1.056E-01
9	2	6	4.127E-17	-6.336E-17	-6.407E-33	-1.507E+01	-1.228E+03	1.283E+02	4.127E-17	-6.336E-17	0.000E+00	-1.638E+00	-1.241E+03	1.043E-01
9	2	7	3.455E-17	-4.791E-17	-5.049E-33	1.147E+01	-1.234E+03	2.056E+02	3.455E-17	-4.791E-17	0.000E+00	4.452E+01	-1.267E+03	1.594E-01
9	2	8	4.127E-17	-6.336E-17	-6.407E-33	3.724E+00	-1.236E+03	2.032E+02	4.127E-17	-6.336E-17	0.000E+00	3.618E+01	-1.268E+03	1.584E-01
9	2	9	-4.127E-17	6.336E-17	6.407E-33	-8.630E+02	4.288E+02	1.123E+02	6.336E-17	-4.127E-17	1.571E+00	4.384E+02	-8.727E+02	1.485E+00
9	2	10	-3.455E-17	4.791E-17	5.049E-33	-8.708E+02	4.276E+02	1.098E+02	4.791E-17	-3.455E-17	1.571E+00	4.369E+02	-8.800E+02	1.487E+00
9	2	11	-4.127E-17	6.336E-17	6.407E-33	-8.443E+02	4.212E+02	1.871E+02	6.336E-17	-4.127E-17	1.571E+00	4.483E+02	-8.713E+02	1.427E+00
9	2	12	-3.455E-17	4.791E-17	5.049E-33	-8.520E+02	4.201E+02	1.847E+02	4.791E-17	-3.455E-17	1.571E+00	4.463E+02	-8.783E+02	1.430E+00

9	2	13	3.455E-17	-4.791E-17	-5.049E-33	-8.595E+02	4.333E+02	6.707E+01	3.455E-17	-4.791E-17	0.000E+00	4.367E+02	-8.630E+02	1.519E+00
9	2	14	4.127E-17	-6.336E-17	-6.407E-33	-8.672E+02	4.322E+02	6.464E+01	4.127E-17	-6.336E-17	0.000E+00	4.354E+02	-8.704E+02	1.521E+00
9	2	15	3.455E-17	-4.791E-17	-5.049E-33	-8.407E+02	4.257E+02	1.419E+02	3.455E-17	-4.791E-17	0.000E+00	4.414E+02	-8.564E+02	1.461E+00
9	2	16	4.127E-17	-6.336E-17	-6.407E-33	-8.485E+02	4.246E+02	1.395E+02	4.127E-17	-6.336E-17	0.000E+00	4.397E+02	-8.636E+02	1.463E+00
9	3	1	1.075E-16	-1.849E-17	-1.542E-32	1.232E+02	-2.617E+03	3.418E+02	1.075E-16	-1.849E-17	0.000E+00	1.652E+02	-2.659E+03	1.222E-01
9	3	2	9.271E-17	-1.215E-17	-1.284E-32	1.146E+02	-2.618E+03	3.396E+02	9.271E-17	-1.215E-17	0.000E+00	1.561E+02	-2.659E+03	1.218E-01
9	3	3	1.075E-16	-1.849E-17	-1.542E-32	8.641E+01	-2.644E+03	4.222E+02	1.075E-16	-1.849E-17	0.000E+00	1.502E+02	-2.708E+03	1.500E-01
9	3	4	9.271E-17	-1.215E-17	-1.284E-32	7.780E+01	-2.645E+03	4.200E+02	9.271E-17	-1.215E-17	0.000E+00	1.411E+02	-2.708E+03	1.496E-01
9	3	5	-9.271E-17	1.215E-17	1.284E-32	1.433E+02	-2.600E+03	2.930E+02	1.215E-17	-9.271E-17	1.571E+00	1.742E+02	-2.631E+03	1.052E-01
9	3	6	-1.075E-16	1.849E-17	1.542E-32	1.347E+02	-2.601E+03	2.908E+02	1.849E-17	-1.075E-16	1.571E+00	1.652E+02	-2.631E+03	1.047E-01
9	3	7	-9.271E-17	1.215E-17	1.284E-32	1.065E+02	-2.628E+03	3.734E+02	1.215E-17	-9.271E-17	1.571E+00	1.566E+02	-2.678E+03	1.333E-01
9	3	8	-1.075E-16	1.849E-17	1.542E-32	9.791E+01	-2.628E+03	3.712E+02	1.849E-17	-1.075E-16	1.571E+00	1.476E+02	-2.678E+03	1.330E-01
9	3	9	1.075E-16	-1.849E-17	-1.542E-32	1.423E+02	1.400E+02	5.783E+02	1.075E-16	-1.849E-17	0.000E+00	7.194E+02	-4.372E+02	7.844E-01
9	3	10	9.271E-17	-1.215E-17	-1.284E-32	1.337E+02	1.395E+02	5.761E+02	9.271E-17	-1.215E-17	0.000E+00	7.127E+02	-4.395E+02	7.879E-01
9	3	11	1.075E-16	-1.849E-17	-1.542E-32	1.055E+02	1.127E+02	6.588E+02	1.075E-16	-1.849E-17	0.000E+00	7.679E+02	-5.496E+02	7.881E-01
9	3	12	9.271E-17	-1.215E-17	-1.284E-32	9.691E+01	1.123E+02	6.566E+02	9.271E-17	-1.215E-17	0.000E+00	7.612E+02	-5.520E+02	7.913E-01
9	3	13	-9.271E-17	1.215E-17	1.284E-32	1.624E+02	1.566E+02	5.295E+02	1.215E-17	-9.271E-17	1.571E+00	6.890E+02	-3.700E+02	7.827E-01
9	3	14	-1.075E-16	1.849E-17	1.542E-32	1.538E+02	1.561E+02	5.273E+02	1.849E-17	-1.075E-16	1.571E+00	6.823E+02	-3.724E+02	7.865E-01
9	3	15	-9.271E-17	1.215E-17	1.284E-32	1.256E+02	1.294E+02	6.100E+02	1.215E-17	-9.271E-17	1.571E+00	7.375E+02	-4.825E+02	7.869E-01
9	3	16	-1.075E-16	1.849E-17	1.542E-32	1.170E+02	1.289E+02	6.078E+02	1.849E-17	-1.075E-16	1.571E+00	7.308E+02	-4.848E+02	7.903E-01
9	4	1	-1.029E-17	1.665E-16	-1.082E-32	5.085E+02	-1.874E+03	-2.412E+02	1.665E-16	-1.029E-17	1.571E+00	5.327E+02	-1.898E+03	-9.991E-02
9	4	2	-4.434E-18	1.519E-16	-9.571E-33	5.018E+02	-1.871E+03	-2.407E+02	1.519E-16	-4.434E-18	1.571E+00	5.259E+02	-1.895E+03	-1.001E-01
9	4	3	-1.029E-17	1.665E-16	-1.082E-32	4.417E+02	-1.911E+03	-1.806E+02	1.665E-16	-1.029E-17	1.571E+00	4.555E+02	-1.925E+03	-7.617E-02
9	4	4	-4.434E-18	1.519E-16	-9.571E-33	4.349E+02	-1.909E+03	-1.801E+02	1.519E-16	-4.434E-18	1.571E+00	4.487E+02	-1.922E+03	-7.624E-02
9	4	5	4.434E-18	-1.519E-16	9.571E-33	5.491E+02	-1.852E+03	-2.784E+02	4.434E-18	-1.519E-16	0.000E+00	5.810E+02	-1.883E+03	-1.140E-01
9	4	6	1.029E-17	-1.665E-16	1.082E-32	5.424E+02	-1.849E+03	-2.779E+02	1.029E-17	-1.665E-16	0.000E+00	5.742E+02	-1.881E+03	-1.142E-01
9	4	7	4.434E-18	-1.519E-16	9.571E-33	4.823E+02	-1.889E+03	-2.178E+02	4.434E-18	-1.519E-16	0.000E+00	5.022E+02	-1.909E+03	-9.085E-02
9	4	8	1.029E-17	-1.665E-16	1.082E-32	4.755E+02	-1.886E+03	-2.173E+02	1.029E-17	-1.665E-16	0.000E+00	4.954E+02	-1.906E+03	-9.099E-02
9	4	9	-1.029E-17	1.665E-16	-1.082E-32	1.154E+03	-4.110E+02	-4.122E+00	1.665E-16	-1.029E-17	1.571E+00	1.154E+03	-4.110E+02	-2.634E-03
9	4	10	-4.434E-18	1.519E-16	-9.571E-33	1.147E+03	-4.084E+02	-3.592E+00	1.519E-16	-4.434E-18	1.571E+00	1.147E+03	-4.084E+02	-2.310E-03
9	4	11	-1.029E-17	1.665E-16	-1.082E-32	1.087E+03	-4.484E+02	5.649E+01	1.665E-16	-1.029E-17	1.571E+00	1.089E+03	-4.505E+02	3.672E-02
9	4	12	-4.434E-18	1.519E-16	-9.571E-33	1.080E+03	-4.459E+02	5.702E+01	1.519E-16	-4.434E-18	1.571E+00	1.082E+03	-4.480E+02	3.729E-02
9	4	13	4.434E-18	-1.519E-16	9.571E-33	1.194E+03	-3.889E+02	-4.136E+01	4.434E-18	-1.519E-16	0.000E+00	1.195E+03	-3.900E+02	-2.610E-02
9	4	14	1.029E-17	-1.665E-16	1.082E-32	1.188E+03	-3.863E+02	-4.083E+01	1.029E-17	-1.665E-16	0.000E+00	1.189E+03	-3.874E+02	-2.592E-02
9	4	15	4.434E-18	-1.519E-16	9.571E-33	1.128E+03	-4.264E+02	1.925E+01	4.434E-18	-1.519E-16	0.000E+00	1.128E+03	-4.266E+02	1.238E-02
9	4	16	1.029E-17	-1.665E-16	1.082E-32	1.121E+03	-4.238E+02	1.978E+01	1.029E-17	-1.665E-16	0.000E+00	1.121E+03	-4.241E+02	1.280E-02
10	1	1	4.274E-18	5.676E-18	-1.033E-16	-1.165E+02	-3.550E+03	5.935E+02	1.082E-16	-9.828E-17	1.571E+00	-1.677E+01	-3.650E+03	1.664E-01
10	1	2	-2.357E-18	7.101E-18	-2.255E-17	-1.233E+02	-3.538E+03	5.902E+02	2.541E-17	-2.067E-17	1.571E+00	-2.411E+01	-3.637E+03	1.664E-01
10	1	3	4.274E-18	5.676E-18	-1.033E-16	-1.573E+02	-3.626E+03	6.827E+02	1.082E-16	-9.828E-17	1.571E+00	-2.780E+01	-3.756E+03	1.875E-01
10	1	4	-2.357E-18	7.101E-18	-2.255E-17	-1.641E+02	-3.614E+03	6.795E+02	2.541E-17	-2.067E-17	1.571E+00	-3.513E+01	-3.743E+03	1.876E-01
10	1	5	2.357E-18	-7.101E-18	2.255E-17	-9.244E+01	-3.511E+03	5.397E+02	2.067E-17	-2.541E-17	0.000E+00	-9.255E+00	-3.594E+03	1.529E-01
10	1	6	-4.274E-18	-5.676E-18	1.033E-16	-9.925E+01	-3.498E+03	5.364E+02	9.828E-17	-1.082E-16	0.000E+00	-1.660E+01	-3.581E+03	1.529E-01
10	1	7	2.357E-18	-7.101E-18	2.255E-17	-1.333E+02	-3.587E+03	6.289E+02	2.067E-17	-2.541E-17	0.000E+00	-2.234E+01	-3.698E+03	1.747E-01

10	1	8	-4.274E-18	-5.676E-18	1.033E-16	-1.401E+02	-3.574E+03	6.256E+02	9.828E-17	-1.082E-16	0.000E+00	-2.969E+01	-3.684E+03	1.747E-01
10	1	9	4.274E-18	5.676E-18	-1.033E-16	2.133E+02	4.982E+02	9.243E+02	1.082E-16	-9.828E-17	1.571E+00	1.291E+03	-5.794E+02	8.619E-01
10	1	10	-2.357E-18	7.101E-18	-2.255E-17	2.065E+02	5.110E+02	9.210E+02	2.541E-17	-2.067E-17	1.571E+00	1.292E+03	-5.747E+02	8.673E-01
10	1	11	4.274E-18	5.676E-18	-1.033E-16	1.725E+02	4.224E+02	1.013E+03	1.082E-16	-9.828E-17	1.571E+00	1.319E+03	-7.238E+02	8.467E-01
10	1	12	-2.357E-18	7.101E-18	-2.255E-17	1.656E+02	4.352E+02	1.010E+03	2.541E-17	-2.067E-17	1.571E+00	1.320E+03	-7.188E+02	8.517E-01
10	1	13	2.357E-18	-7.101E-18	2.255E-17	2.374E+02	5.380E+02	8.704E+02	2.067E-17	-2.541E-17	0.000E+00	1.271E+03	-4.957E+02	8.709E-01
10	1	14	-4.274E-18	-5.676E-18	1.033E-16	2.305E+02	5.508E+02	8.672E+02	9.828E-17	-1.082E-16	0.000E+00	1.272E+03	-4.912E+02	8.767E-01
10	1	15	2.357E-18	-7.101E-18	2.255E-17	1.965E+02	4.621E+02	9.597E+02	2.067E-17	-2.541E-17	0.000E+00	1.298E+03	-6.395E+02	8.542E-01
10	1	16	-4.274E-18	-5.676E-18	1.033E-16	1.897E+02	4.749E+02	9.564E+02	9.828E-17	-1.082E-16	0.000E+00	1.299E+03	-6.347E+02	8.594E-01
10	2	1	-1.038E-16	1.066E-16	1.289E-32	-1.083E+03	-5.081E+03	4.210E+02	1.066E-16	-1.038E-16	1.571E+00	-1.039E+03	-5.125E+03	1.038E-01
10	2	2	-2.083E-17	2.107E-17	2.565E-33	-1.095E+03	-5.083E+03	4.124E+02	2.107E-17	-2.083E-17	1.571E+00	-1.053E+03	-5.125E+03	1.020E-01
10	2	3	-1.038E-16	1.066E-16	1.289E-32	-1.048E+03	-5.092E+03	5.418E+02	1.066E-16	-1.038E-16	1.571E+00	-9.765E+02	-5.164E+03	1.309E-01
10	2	4	-2.083E-17	2.107E-17	2.565E-33	-1.060E+03	-5.094E+03	5.332E+02	2.107E-17	-2.083E-17	1.571E+00	-9.909E+02	-5.163E+03	1.292E-01
10	2	5	2.083E-17	-2.107E-17	-2.565E-33	-1.091E+03	-5.075E+03	3.498E+02	2.083E-17	-2.107E-17	0.000E+00	-1.061E+03	-5.105E+03	8.693E-02
10	2	6	1.038E-16	-1.066E-16	-1.289E-32	-1.104E+03	-5.076E+03	3.413E+02	1.038E-16	-1.066E-16	0.000E+00	-1.075E+03	-5.105E+03	8.508E-02
10	2	7	2.083E-17	-2.107E-17	-2.565E-33	-1.057E+03	-5.086E+03	4.706E+02	2.083E-17	-2.107E-17	0.000E+00	-1.002E+03	-5.140E+03	1.147E-01
10	2	8	1.038E-16	-1.066E-16	-1.289E-32	-1.069E+03	-5.087E+03	4.621E+02	1.038E-16	-1.066E-16	0.000E+00	-1.017E+03	-5.140E+03	1.130E-01
10	2	9	-1.038E-16	1.066E-16	1.289E-32	-1.774E+03	1.696E+03	3.498E+02	1.066E-16	-1.038E-16	1.571E+00	1.731E+03	-1.809E+03	1.471E+00
10	2	10	-2.083E-17	2.107E-17	2.565E-33	-1.787E+03	1.694E+03	3.413E+02	2.107E-17	-2.083E-17	1.571E+00	1.727E+03	-1.820E+03	1.474E+00
10	2	11	-1.038E-16	1.066E-16	1.289E-32	-1.740E+03	1.685E+03	4.707E+02	1.066E-16	-1.038E-16	1.571E+00	1.748E+03	-1.803E+03	1.437E+00
10	2	12	-2.083E-17	2.107E-17	2.565E-33	-1.752E+03	1.683E+03	4.621E+02	2.107E-17	-2.083E-17	1.571E+00	1.744E+03	-1.813E+03	1.439E+00
10	2	13	2.083E-17	-2.107E-17	-2.565E-33	-1.783E+03	1.702E+03	2.787E+02	2.083E-17	-2.107E-17	0.000E+00	1.725E+03	-1.805E+03	1.492E+00
10	2	14	1.038E-16	-1.066E-16	-1.289E-32	-1.796E+03	1.701E+03	2.701E+02	1.038E-16	-1.066E-16	0.000E+00	1.722E+03	-1.816E+03	1.494E+00
10	2	15	2.083E-17	-2.107E-17	-2.565E-33	-1.749E+03	1.691E+03	3.995E+02	2.083E-17	-2.107E-17	0.000E+00	1.737E+03	-1.794E+03	1.457E+00
10	2	16	1.038E-16	-1.066E-16	-1.289E-32	-1.761E+03	1.690E+03	3.910E+02	1.038E-16	-1.066E-16	0.000E+00	1.734E+03	-1.805E+03	1.459E+00
10	3	1	1.074E-16	-1.000E-16	-2.540E-32	-6.377E+02	-7.038E+03	1.219E+03	1.074E-16	-1.000E-16	0.000E+00	-4.134E+02	-7.262E+03	1.820E-01
10	3	2	2.665E-17	-1.929E-17	-5.625E-33	-6.537E+02	-7.036E+03	1.210E+03	2.665E-17	-1.929E-17	0.000E+00	-4.320E+02	-7.258E+03	1.812E-01
10	3	3	1.074E-16	-1.000E-16	-2.540E-32	-5.949E+02	-7.144E+03	1.367E+03	1.074E-16	-1.000E-16	0.000E+00	-3.211E+02	-7.418E+03	1.977E-01
10	3	4	2.665E-17	-1.929E-17	-5.625E-33	-6.109E+02	-7.143E+03	1.358E+03	2.665E-17	-1.929E-17	0.000E+00	-3.398E+02	-7.414E+03	1.970E-01
10	3	5	-2.665E-17	1.929E-17	5.625E-33	-6.229E+02	-6.974E+03	1.131E+03	1.929E-17	-2.665E-17	1.571E+00	-4.274E+02	-7.169E+03	1.711E-01
10	3	6	-1.074E-16	1.000E-16	2.540E-32	-6.389E+02	-6.972E+03	1.123E+03	1.000E-16	-1.074E-16	1.571E+00	-4.458E+02	-7.165E+03	1.704E-01
10	3	7	-2.665E-17	1.929E-17	5.625E-33	-5.800E+02	-7.080E+03	1.279E+03	1.929E-17	-2.665E-17	1.571E+00	-3.374E+02	-7.323E+03	1.875E-01
10	3	8	-1.074E-16	1.000E-16	2.540E-32	-5.961E+02	-7.079E+03	1.270E+03	1.000E-16	-1.074E-16	1.571E+00	-3.560E+02	-7.319E+03	1.868E-01
10	3	9	1.074E-16	-1.000E-16	-2.540E-32	3.524E+02	2.065E+03	9.979E+02	1.074E-16	-1.000E-16	0.000E+00	2.523E+03	-1.063E+02	1.140E+00
10	3	10	2.665E-17	-1.929E-17	-5.625E-33	3.364E+02	2.066E+03	9.892E+02	2.665E-17	-1.929E-17	0.000E+00	2.515E+03	-1.127E+02	1.145E+00
10	3	11	1.074E-16	-1.000E-16	-2.540E-32	3.953E+02	1.958E+03	1.146E+03	1.074E-16	-1.000E-16	0.000E+00	2.564E+03	-2.100E+02	1.085E+00
10	3	12	2.665E-17	-1.929E-17	-5.625E-33	3.792E+02	1.960E+03	1.137E+03	2.665E-17	-1.929E-17	0.000E+00	2.554E+03	-2.150E+02	1.089E+00
10	3	13	-2.665E-17	1.929E-17	5.625E-33	3.672E+02	2.129E+03	9.103E+02	1.929E-17	-2.665E-17	1.571E+00	2.515E+03	-1.863E+01	1.170E+00
10	3	14	-1.074E-16	1.000E-16	2.540E-32	3.512E+02	2.130E+03	9.016E+02	1.000E-16	-1.074E-16	1.571E+00	2.507E+03	-2.578E+01	1.175E+00
10	3	15	-2.665E-17	1.929E-17	5.625E-33	4.101E+02	2.023E+03	1.058E+03	1.929E-17	-2.665E-17	1.571E+00	2.547E+03	-1.138E+02	1.111E+00
10	3	16	-1.074E-16	1.000E-16	2.540E-32	3.941E+02	2.024E+03	1.049E+03	1.000E-16	-1.074E-16	1.571E+00	2.538E+03	-1.195E+02	1.116E+00
10	4	1	-9.471E-17	1.092E-16	-1.248E-32	5.332E+02	-7.390E+03	2.858E+02	1.092E-16	-9.471E-17	1.571E+00	5.435E+02	-7.400E+03	3.601E-02
10	4	2	-1.888E-17	3.074E-17	-3.038E-33	5.226E+02	-7.373E+03	2.872E+02	3.074E-17	-1.888E-17	1.571E+00	5.331E+02	-7.383E+03	3.632E-02

10	4	3	-9.471E-17	1.092E-16	-1.248E-32	4.562E+02	-7.587E+03	3.734E+02	1.092E-16	-9.471E-17	1.571E+00	4.735E+02	-7.605E+03	4.629E-02
10	4	4	-1.888E-17	3.074E-17	-3.038E-33	4.455E+02	-7.571E+03	3.748E+02	3.074E-17	-1.888E-17	1.571E+00	4.630E+02	-7.588E+03	4.663E-02
10	4	5	1.888E-17	-3.074E-17	3.038E-33	5.793E+02	-7.275E+03	2.320E+02	1.888E-17	-3.074E-17	0.000E+00	5.861E+02	-7.282E+03	2.950E-02
10	4	6	9.471E-17	-1.092E-16	1.248E-32	5.687E+02	-7.258E+03	2.334E+02	9.471E-17	-1.092E-16	0.000E+00	5.756E+02	-7.265E+03	2.978E-02
10	4	7	1.888E-17	-3.074E-17	3.038E-33	5.022E+02	-7.473E+03	3.196E+02	1.888E-17	-3.074E-17	0.000E+00	5.150E+02	-7.486E+03	3.999E-02
10	4	8	9.471E-17	-1.092E-16	1.248E-32	4.916E+02	-7.456E+03	3.210E+02	9.471E-17	-1.092E-16	0.000E+00	5.045E+02	-7.469E+03	4.030E-02
10	4	9	-9.471E-17	1.092E-16	-1.248E-32	2.355E+03	9.602E+02	5.152E+02	1.092E-16	-9.471E-17	1.571E+00	2.524E+03	7.905E+02	3.182E-01
10	4	10	-1.888E-17	3.074E-17	-3.038E-33	2.344E+03	9.770E+02	5.166E+02	3.074E-17	-1.888E-17	1.571E+00	2.517E+03	8.038E+02	3.236E-01
10	4	11	-9.471E-17	1.092E-16	-1.248E-32	2.278E+03	7.623E+02	6.028E+02	1.092E-16	-9.471E-17	1.571E+00	2.488E+03	5.518E+02	3.360E-01
10	4	12	-1.888E-17	3.074E-17	-3.038E-33	2.267E+03	7.792E+02	6.042E+02	3.074E-17	-1.888E-17	1.571E+00	2.481E+03	5.647E+02	3.411E-01
10	4	13	1.888E-17	-3.074E-17	3.038E-33	2.401E+03	1.075E+03	4.613E+02	1.888E-17	-3.074E-17	0.000E+00	2.545E+03	9.299E+02	3.039E-01
10	4	14	9.471E-17	-1.092E-16	1.248E-32	2.390E+03	1.091E+03	4.627E+02	9.471E-17	-1.092E-16	0.000E+00	2.538E+03	9.434E+02	3.096E-01
10	4	15	1.888E-17	-3.074E-17	3.038E-33	2.324E+03	8.768E+02	5.489E+02	1.888E-17	-3.074E-17	0.000E+00	2.508E+03	6.921E+02	3.245E-01
10	4	16	9.471E-17	-1.092E-16	1.248E-32	2.313E+03	8.936E+02	5.504E+02	9.471E-17	-1.092E-16	0.000E+00	2.501E+03	7.052E+02	3.298E-01
11	1	1	1.420E-13	9.464E-13	-1.768E-13	-7.424E+02	-7.337E+03	2.131E+03	9.836E-13	1.048E-13	1.571E+00	-1.136E+02	-7.966E+03	2.869E-01
11	1	2	1.413E-13	9.419E-13	-1.780E-13	-7.535E+02	-7.298E+03	2.115E+03	9.797E-13	1.035E-13	1.571E+00	-1.294E+02	-7.923E+03	2.869E-01
11	1	3	1.509E-13	1.006E-12	-1.876E-13	-7.898E+02	-7.585E+03	2.325E+03	1.045E-12	1.115E-13	1.571E+00	-7.025E+01	-8.305E+03	3.001E-01
11	1	4	1.502E-13	1.001E-12	-1.887E-13	-8.009E+02	-7.546E+03	2.309E+03	1.041E-12	1.102E-13	1.571E+00	-8.603E+01	-8.261E+03	3.002E-01
11	1	5	1.368E-13	9.119E-13	-1.702E-13	-7.166E+02	-7.206E+03	2.018E+03	9.476E-13	1.011E-13	1.571E+00	-1.399E+02	-7.782E+03	2.783E-01
11	1	6	1.361E-13	9.074E-13	-1.713E-13	-7.277E+02	-7.167E+03	2.002E+03	9.438E-13	9.977E-14	1.571E+00	-1.557E+02	-7.739E+03	2.782E-01
11	1	7	1.457E-13	9.714E-13	-1.809E-13	-7.639E+02	-7.454E+03	2.212E+03	1.009E-12	1.078E-13	1.571E+00	-9.839E+01	-8.119E+03	2.922E-01
11	1	8	1.450E-13	9.669E-13	-1.821E-13	-7.750E+02	-7.415E+03	2.196E+03	1.005E-12	1.065E-13	1.571E+00	-1.142E+02	-8.076E+03	2.922E-01
11	1	9	-1.637E-13	-1.091E-12	2.045E-13	6.687E+02	3.326E+03	1.044E+03	-1.206E-13	-1.134E-12	0.000E+00	3.687E+03	3.075E+02	1.238E+00
11	1	10	-1.644E-13	-1.096E-12	2.034E-13	6.576E+02	3.365E+03	1.028E+03	-1.219E-13	-1.138E-12	0.000E+00	3.711E+03	3.114E+02	1.246E+00
11	1	11	-1.548E-13	-1.032E-12	1.938E-13	6.214E+02	3.078E+03	1.238E+03	-1.139E-13	-1.073E-12	0.000E+00	3.594E+03	1.056E+02	1.176E+00
11	1	12	-1.554E-13	-1.036E-12	1.926E-13	6.103E+02	3.117E+03	1.222E+03	-1.152E-13	-1.077E-12	0.000E+00	3.614E+03	1.130E+02	1.184E+00
11	1	13	-1.689E-13	-1.126E-12	2.112E-13	6.946E+02	3.457E+03	9.313E+02	-1.243E-13	-1.170E-12	0.000E+00	3.742E+03	4.099E+02	1.274E+00
11	1	14	-1.695E-13	-1.130E-12	2.100E-13	6.835E+02	3.496E+03	9.153E+02	-1.256E-13	-1.174E-12	0.000E+00	3.768E+03	4.119E+02	1.282E+00
11	1	15	-1.599E-13	-1.066E-12	2.004E-13	6.472E+02	3.209E+03	1.125E+03	-1.176E-13	-1.109E-12	0.000E+00	3.633E+03	2.232E+02	1.210E+00
11	1	16	-1.606E-13	-1.071E-12	1.993E-13	6.361E+02	3.248E+03	1.109E+03	-1.189E-13	-1.112E-12	0.000E+00	3.656E+03	2.286E+02	1.219E+00
11	2	1	-1.534E-13	4.108E-13	3.451E-29	-3.285E+03	-4.959E+03	1.116E+03	4.108E-13	-1.534E-13	1.571E+00	-2.727E+03	-5.517E+03	4.636E-01
11	2	2	-1.512E-13	4.104E-13	3.436E-29	-3.303E+03	-4.962E+03	1.089E+03	4.104E-13	-1.512E-13	1.571E+00	-2.763E+03	-5.502E+03	4.600E-01
11	2	3	-1.302E-13	4.005E-13	3.253E-29	-3.190E+03	-4.976E+03	1.409E+03	4.005E-13	-1.302E-13	1.571E+00	-2.415E+03	-5.752E+03	5.030E-01
11	2	4	-1.280E-13	4.001E-13	3.237E-29	-3.208E+03	-4.979E+03	1.383E+03	4.001E-13	-1.280E-13	1.571E+00	-2.452E+03	-5.735E+03	5.006E-01
11	2	5	-1.494E-13	3.974E-13	3.344E-29	-3.333E+03	-4.949E+03	9.473E+02	3.974E-13	-1.494E-13	1.571E+00	-2.896E+03	-5.386E+03	4.322E-01
11	2	6	-1.473E-13	3.970E-13	3.329E-29	-3.351E+03	-4.952E+03	9.204E+02	3.970E-13	-1.473E-13	1.571E+00	-2.931E+03	-5.371E+03	4.274E-01
11	2	7	-1.262E-13	3.871E-13	3.146E-29	-3.238E+03	-4.966E+03	1.241E+03	3.871E-13	-1.262E-13	1.571E+00	-2.590E+03	-5.614E+03	4.812E-01
11	2	8	-1.240E-13	3.867E-13	3.131E-29	-3.256E+03	-4.969E+03	1.214E+03	3.867E-13	-1.240E-13	1.571E+00	-2.627E+03	-5.598E+03	4.781E-01
11	2	9	7.702E-14	-3.722E-13	-2.754E-29	-3.553E+03	2.108E+03	2.454E+02	7.702E-14	-3.722E-13	0.000E+00	2.119E+03	-3.564E+03	1.528E+00
11	2	10	7.917E-14	-3.726E-13	-2.769E-29	-3.571E+03	2.106E+03	2.186E+02	7.917E-14	-3.726E-13	0.000E+00	2.114E+03	-3.579E+03	1.532E+00
11	2	11	1.002E-13	-3.825E-13	-2.952E-29	-3.458E+03	2.091E+03	5.387E+02	1.002E-13	-3.825E-13	0.000E+00	2.143E+03	-3.510E+03	1.475E+00
11	2	12	1.024E-13	-3.829E-13	-2.968E-29	-3.476E+03	2.089E+03	5.118E+02	1.024E-13	-3.829E-13	0.000E+00	2.135E+03	-3.523E+03	1.480E+00
11	2	13	8.101E-14	-3.856E-13	-2.861E-29	-3.601E+03	2.118E+03	7.656E+01	8.101E-14	-3.856E-13	0.000E+00	2.119E+03	-3.602E+03	1.557E+00

11	2	14	8.315E-14	-3.860E-13	-2.876E-29	-3.619E+03	2.116E+03	4.969E+01	8.315E-14	-3.860E-13	0.000E+00	2.116E+03	-3.619E+03	1.562E+00
11	2	15	1.042E-13	-3.959E-13	-3.059E-29	-3.506E+03	2.101E+03	3.698E+02	1.042E-13	-3.959E-13	0.000E+00	2.126E+03	-3.530E+03	1.505E+00
11	2	16	1.064E-13	-3.963E-13	-3.074E-29	-3.524E+03	2.099E+03	3.429E+02	1.064E-13	-3.963E-13	0.000E+00	2.119E+03	-3.545E+03	1.510E+00
11	3	1	1.124E-12	-2.415E-14	-1.400E-28	-1.063E+03	-7.644E+03	4.642E+03	1.124E-12	-2.415E-14	0.000E+00	1.336E+03	-1.004E+04	4.771E-01
11	3	2	1.117E-12	-1.940E-14	-1.386E-28	-1.104E+03	-7.635E+03	4.608E+03	1.117E-12	-1.940E-14	0.000E+00	1.279E+03	-1.002E+04	4.771E-01
11	3	3	1.110E-12	4.432E-14	-1.311E-28	-9.535E+02	-7.954E+03	5.032E+03	1.110E-12	4.432E-14	0.000E+00	1.676E+03	-1.058E+04	4.815E-01
11	3	4	1.103E-12	4.908E-14	-1.297E-28	-9.937E+02	-7.944E+03	4.997E+03	1.103E-12	4.908E-14	0.000E+00	1.618E+03	-1.056E+04	4.816E-01
11	3	5	1.086E-12	-2.685E-14	-1.358E-28	-1.088E+03	-7.460E+03	4.418E+03	1.086E-12	-2.685E-14	0.000E+00	1.173E+03	-9.720E+03	4.730E-01
11	3	6	1.080E-12	-2.210E-14	-1.344E-28	-1.128E+03	-7.450E+03	4.383E+03	1.080E-12	-2.210E-14	0.000E+00	1.115E+03	-9.693E+03	4.730E-01
11	3	7	1.072E-12	4.162E-14	-1.268E-28	-9.779E+02	-7.769E+03	4.807E+03	1.072E-12	4.162E-14	0.000E+00	1.512E+03	-1.026E+04	4.779E-01
11	3	8	1.066E-12	4.638E-14	-1.254E-28	-1.018E+03	-7.759E+03	4.773E+03	1.066E-12	4.638E-14	0.000E+00	1.454E+03	-1.023E+04	4.780E-01
11	3	9	-1.074E-12	-1.807E-13	1.099E-28	9.910E+02	8.118E+03	-1.844E+03	-1.807E-13	-1.074E-12	1.571E+00	8.566E+03	5.422E+02	1.810E+00
11	3	10	-1.080E-12	-1.760E-13	1.113E-28	9.507E+02	8.128E+03	-1.878E+03	-1.760E-13	-1.080E-12	1.571E+00	8.589E+03	4.889E+02	1.812E+00
11	3	11	-1.088E-12	-1.123E-13	1.189E-28	1.101E+03	7.808E+03	-1.454E+03	-1.123E-13	-1.088E-12	1.571E+00	8.110E+03	7.990E+02	1.775E+00
11	3	12	-1.094E-12	-1.075E-13	1.203E-28	1.060E+03	7.818E+03	-1.489E+03	-1.075E-13	-1.094E-12	1.571E+00	8.132E+03	7.470E+02	1.778E+00
11	3	13	-1.111E-12	-1.834E-13	1.142E-28	9.665E+02	8.303E+03	-2.068E+03	-1.834E-13	-1.111E-12	1.571E+00	8.845E+03	4.236E+02	1.828E+00
11	3	14	-1.118E-12	-1.787E-13	1.156E-28	9.263E+02	8.312E+03	-2.103E+03	-1.787E-13	-1.118E-12	1.571E+00	8.869E+03	3.696E+02	1.830E+00
11	3	15	-1.125E-12	-1.150E-13	1.231E-28	1.076E+03	7.993E+03	-1.679E+03	-1.150E-13	-1.125E-12	1.571E+00	8.379E+03	6.903E+02	1.797E+00
11	3	16	-1.132E-12	-1.102E-13	1.245E-28	1.036E+03	8.003E+03	-1.713E+03	-1.102E-13	-1.132E-12	1.571E+00	8.402E+03	6.375E+02	1.799E+00
11	4	1	-1.427E-13	2.071E-12	-1.354E-28	1.878E+03	-1.324E+04	7.145E+02	2.071E-13	-1.427E-13	1.571E+00	1.912E+03	-1.327E+04	4.712E-02
11	4	2	-1.396E-13	2.059E-12	-1.345E-28	1.844E+03	-1.318E+04	7.176E+02	2.059E-13	-1.396E-13	1.571E+00	1.878E+03	-1.322E+04	4.761E-02
11	4	3	-1.659E-14	2.059E-12	-1.273E-28	1.979E+03	-1.386E+04	8.738E+02	2.059E-14	-1.659E-14	1.571E+00	2.027E+03	-1.391E+04	5.495E-02
11	4	4	-1.350E-14	2.047E-12	-1.264E-28	1.945E+03	-1.380E+04	8.769E+02	2.047E-14	-1.350E-14	1.571E+00	1.993E+03	-1.385E+04	5.546E-02
11	4	5	-1.442E-13	2.003E-12	-1.313E-28	1.920E+03	-1.288E+04	6.165E+02	2.003E-13	-1.442E-13	1.571E+00	1.946E+03	-1.291E+04	4.154E-02
11	4	6	-1.411E-13	1.991E-12	-1.304E-28	1.886E+03	-1.283E+04	6.195E+02	1.991E-13	-1.411E-13	1.571E+00	1.912E+03	-1.285E+04	4.200E-02
11	4	7	-1.815E-14	1.990E-12	-1.232E-28	2.021E+03	-1.350E+04	7.758E+02	1.990E-14	-1.815E-14	1.571E+00	2.059E+03	-1.354E+04	4.981E-02
11	4	8	-1.506E-14	1.978E-12	-1.222E-28	1.987E+03	-1.345E+04	7.789E+02	1.978E-14	-1.506E-14	1.571E+00	2.026E+03	-1.349E+04	5.029E-02
11	4	9	-2.330E-13	-1.983E-12	1.073E-28	4.975E+03	1.057E+04	1.414E+03	-2.330E-13	-1.983E-12	0.000E+00	1.091E+04	4.639E+03	1.337E+00
11	4	10	-2.299E-13	-1.995E-12	1.083E-28	4.941E+03	1.063E+04	1.417E+03	-2.299E-13	-1.995E-12	0.000E+00	1.096E+04	4.608E+03	1.340E+00
11	4	11	-1.070E-13	-1.996E-12	1.155E-28	5.076E+03	9.952E+03	1.573E+03	-1.070E-13	-1.996E-12	0.000E+00	1.042E+04	4.612E+03	1.284E+00
11	4	12	-1.039E-13	-2.007E-12	1.164E-28	5.042E+03	1.001E+04	1.576E+03	-1.039E-13	-2.007E-12	0.000E+00	1.047E+04	4.584E+03	1.288E+00
11	4	13	-2.346E-13	-2.052E-12	1.115E-28	5.018E+03	1.093E+04	1.316E+03	-2.346E-13	-2.052E-12	0.000E+00	1.121E+04	4.738E+03	1.361E+00
11	4	14	-2.315E-13	-2.064E-12	1.124E-28	4.983E+03	1.098E+04	1.319E+03	-2.315E-13	-2.064E-12	0.000E+00	1.126E+04	4.706E+03	1.364E+00
11	4	15	-1.085E-13	-2.064E-12	1.196E-28	5.118E+03	1.031E+04	1.475E+03	-1.085E-13	-2.064E-12	0.000E+00	1.070E+04	4.728E+03	1.312E+00
11	4	16	-1.054E-13	-2.076E-12	1.205E-28	5.084E+03	1.036E+04	1.478E+03	-1.054E-13	-2.076E-12	0.000E+00	1.075E+04	4.698E+03	1.316E+00
12	1	1	-3.943E-13	-2.701E-12	-1.469E-13	2.352E+02	2.333E+02	5.813E+03	-3.850E-13	-2.710E-12	0.000E+00	6.047E+03	-5.578E+03	7.853E-01
12	1	2	-3.862E-13	-2.685E-12	-1.394E-13	1.899E+02	2.157E+02	5.772E+03	-3.777E-13	-2.693E-12	0.000E+00	5.975E+03	-5.569E+03	7.865E-01
12	1	3	-4.271E-13	-2.873E-12	-1.685E-13	3.951E+02	3.373E+02	6.288E+03	-4.156E-13	-2.885E-12	0.000E+00	6.655E+03	-5.922E+03	7.831E-01
12	1	4	-4.190E-13	-2.857E-12	-1.610E-13	3.499E+02	3.197E+02	6.248E+03	-4.084E-13	-2.868E-12	0.000E+00	6.582E+03	-5.913E+03	7.842E-01
12	1	5	-3.800E-13	-2.602E-12	-1.416E-13	1.725E+02	1.789E+02	5.538E+03	-3.710E-13	-2.611E-12	0.000E+00	5.714E+03	-5.362E+03	7.857E-01
12	1	6	-3.718E-13	-2.586E-12	-1.341E-13	1.272E+02	1.613E+02	5.497E+03	-3.637E-13	-2.594E-12	0.000E+00	5.641E+03	-5.353E+03	7.870E-01
12	1	7	-4.128E-13	-2.774E-12	-1.632E-13	3.324E+02	2.830E+02	6.014E+03	-4.016E-13	-2.786E-12	0.000E+00	6.321E+03	-5.706E+03	7.833E-01
12	1	8	-4.046E-13	-2.758E-12	-1.557E-13	2.872E+02	2.654E+02	5.973E+03	-3.944E-13	-2.768E-12	0.000E+00	6.249E+03	-5.696E+03	7.845E-01

12	1	9	4.592E-13	3.114E-12	1.783E-13	-2.203E+02	3.621E+01	-3.383E+03	3.126E-12	4.473E-13	1.571E+00	3.294E+03	-3.478E+03	2.337E+00
12	1	10	4.674E-13	3.131E-12	1.858E-13	-2.656E+02	1.861E+01	-3.424E+03	3.144E-12	4.545E-13	1.571E+00	3.303E+03	-3.550E+03	2.335E+00
12	1	11	4.264E-13	2.942E-12	1.567E-13	-6.037E+01	1.402E+02	-2.907E+03	2.952E-12	4.167E-13	1.571E+00	2.949E+03	-2.869E+03	2.339E+00
12	1	12	4.346E-13	2.958E-12	1.642E-13	-1.056E+02	1.226E+02	-2.948E+03	2.969E-12	4.239E-13	1.571E+00	2.959E+03	-2.942E+03	2.337E+00
12	1	13	4.735E-13	3.213E-12	1.836E-13	-2.830E+02	-1.813E+01	-3.658E+03	3.226E-12	4.613E-13	1.571E+00	3.510E+03	-3.811E+03	2.338E+00
12	1	14	4.817E-13	3.230E-12	1.911E-13	-3.283E+02	-3.573E+01	-3.699E+03	3.243E-12	4.685E-13	1.571E+00	3.520E+03	-3.884E+03	2.336E+00
12	1	15	4.407E-13	3.041E-12	1.620E-13	-1.231E+02	8.589E+01	-3.182E+03	3.051E-12	4.307E-13	1.571E+00	3.165E+03	-3.203E+03	2.340E+00
12	1	16	4.489E-13	3.057E-12	1.695E-13	-1.684E+02	6.830E+01	-3.223E+03	3.068E-12	4.379E-13	1.571E+00	3.175E+03	-3.275E+03	2.338E+00
12	2	1	-3.299E-13	1.998E-13	3.242E-29	-8.107E+03	-2.793E+03	1.508E+03	1.998E-13	-3.299E-13	1.571E+00	-2.395E+03	-8.505E+03	1.313E+00
12	2	2	-3.257E-13	1.999E-13	3.216E-29	-8.121E+03	-2.843E+03	1.473E+03	1.999E-13	-3.257E-13	1.571E+00	-2.460E+03	-8.504E+03	1.316E+00
12	2	3	-3.193E-13	1.772E-13	3.042E-29	-8.071E+03	-2.580E+03	1.918E+03	1.772E-13	-3.193E-13	1.571E+00	-1.976E+03	-8.675E+03	1.266E+00
12	2	4	-3.151E-13	1.773E-13	3.017E-29	-8.085E+03	-2.630E+03	1.883E+03	1.773E-13	-3.151E-13	1.571E+00	-2.043E+03	-8.672E+03	1.269E+00
12	2	5	-3.195E-13	1.941E-13	3.143E-29	-8.113E+03	-2.889E+03	1.270E+03	1.941E-13	-3.195E-13	1.571E+00	-2.597E+03	-8.405E+03	1.344E+00
12	2	6	-3.153E-13	1.941E-13	3.117E-29	-8.127E+03	-2.940E+03	1.235E+03	1.941E-13	-3.153E-13	1.571E+00	-2.660E+03	-8.406E+03	1.349E+00
12	2	7	-3.089E-13	1.715E-13	2.943E-29	-8.076E+03	-2.677E+03	1.681E+03	1.715E-13	-3.089E-13	1.571E+00	-2.196E+03	-8.557E+03	1.292E+00
12	2	8	-3.047E-13	1.715E-13	2.918E-29	-8.090E+03	-2.727E+03	1.646E+03	1.715E-13	-3.047E-13	1.571E+00	-2.262E+03	-8.555E+03	1.296E+00
12	2	9	2.848E-13	-1.330E-13	-2.560E-29	-1.370E+03	3.257E+03	-1.391E+03	2.848E-13	-1.330E-13	0.000E+00	3.644E+03	-1.756E+03	1.842E+00
12	2	10	2.890E-13	-1.330E-13	-2.585E-29	-1.384E+03	3.207E+03	-1.426E+03	2.890E-13	-1.330E-13	0.000E+00	3.614E+03	-1.791E+03	1.849E+00
12	2	11	2.954E-13	-1.556E-13	-2.760E-29	-1.334E+03	3.470E+03	-9.807E+02	2.954E-13	-1.556E-13	0.000E+00	3.663E+03	-1.526E+03	1.765E+00
12	2	12	2.996E-13	-1.555E-13	-2.785E-29	-1.348E+03	3.420E+03	-1.016E+03	2.996E-13	-1.555E-13	0.000E+00	3.627E+03	-1.555E+03	1.772E+00
12	2	13	2.952E-13	-1.387E-13	-2.659E-29	-1.375E+03	3.161E+03	-1.629E+03	2.952E-13	-1.387E-13	0.000E+00	3.685E+03	-1.900E+03	1.882E+00
12	2	14	2.994E-13	-1.387E-13	-2.684E-29	-1.389E+03	3.110E+03	-1.664E+03	2.994E-13	-1.387E-13	0.000E+00	3.659E+03	-1.938E+03	1.889E+00
12	2	15	3.058E-13	-1.613E-13	-2.858E-29	-1.339E+03	3.373E+03	-1.218E+03	3.058E-13	-1.613E-13	0.000E+00	3.670E+03	-1.636E+03	1.809E+00
12	2	16	3.100E-13	-1.613E-13	-2.884E-29	-1.353E+03	3.323E+03	-1.253E+03	3.100E-13	-1.613E-13	0.000E+00	3.638E+03	-1.668E+03	1.817E+00
12	3	1	-1.372E-13	-2.962E-12	-3.463E-28	7.655E+01	-8.052E+02	1.951E+03	-1.372E-13	-2.962E-12	0.000E+00	1.636E+03	-2.365E+03	6.743E-01
12	3	2	-1.379E-13	-2.940E-12	-3.435E-28	2.661E+01	-8.322E+02	1.920E+03	-1.379E-13	-2.940E-12	0.000E+00	1.564E+03	-2.370E+03	6.754E-01
12	3	3	-3.239E-13	-2.981E-12	-3.250E-28	2.835E+02	-5.769E+02	2.366E+03	-3.239E-13	-2.981E-12	0.000E+00	2.259E+03	-2.552E+03	6.955E-01
12	3	4	-3.245E-13	-2.958E-12	-3.222E-28	2.335E+02	-6.039E+02	2.335E+03	-3.245E-13	-2.958E-12	0.000E+00	2.187E+03	-2.557E+03	6.967E-01
12	3	5	-1.234E-13	-2.862E-12	-3.357E-28	-1.633E+01	-9.329E+02	1.709E+03	-1.234E-13	-2.862E-12	0.000E+00	1.295E+03	-2.244E+03	6.544E-01
12	3	6	-1.241E-13	-2.840E-12	-3.329E-28	-6.627E+01	-9.599E+02	1.677E+03	-1.241E-13	-2.840E-12	0.000E+00	1.223E+03	-2.249E+03	6.552E-01
12	3	7	-3.101E-13	-2.881E-12	-3.144E-28	1.906E+02	-7.046E+02	2.124E+03	-3.101E-13	-2.881E-12	0.000E+00	1.914E+03	-2.428E+03	6.816E-01
12	3	8	-3.107E-13	-2.859E-12	-3.116E-28	1.406E+02	-7.316E+02	2.093E+03	-3.107E-13	-2.859E-12	0.000E+00	1.842E+03	-2.433E+03	6.827E-01
12	3	9	6.720E-13	2.908E-12	2.734E-28	-2.914E+02	-2.448E+02	-3.167E+03	2.908E-12	6.720E-13	1.571E+00	2.899E+03	-3.436E+03	2.353E+00
12	3	10	6.713E-13	2.930E-12	2.762E-28	-3.413E+02	-2.718E+02	-3.199E+03	2.930E-12	6.713E-13	1.571E+00	2.893E+03	-3.506E+03	2.351E+00
12	3	11	4.853E-13	2.889E-12	2.947E-28	-8.448E+01	-1.651E+01	-2.752E+03	2.889E-12	4.853E-13	1.571E+00	2.702E+03	-2.803E+03	2.350E+00
12	3	12	4.847E-13	2.911E-12	2.975E-28	-1.344E+02	-4.355E+01	-2.783E+03	2.911E-12	4.847E-13	1.571E+00	2.695E+03	-2.873E+03	2.348E+00
12	3	13	6.858E-13	3.007E-12	2.839E-28	-3.843E+02	-3.725E+02	-3.410E+03	3.007E-12	6.858E-13	1.571E+00	3.031E+03	-3.788E+03	2.355E+00
12	3	14	6.851E-13	3.030E-12	2.867E-28	-4.342E+02	-3.995E+02	-3.441E+03	3.030E-12	6.851E-13	1.571E+00	3.024E+03	-3.858E+03	2.354E+00
12	3	15	4.991E-13	2.989E-12	3.052E-28	-1.774E+02	-1.442E+02	-2.994E+03	2.989E-12	4.991E-13	1.571E+00	2.833E+03	-3.155E+03	2.353E+00
12	3	16	4.985E-13	3.011E-12	3.080E-28	-2.273E+02	-1.712E+02	-3.026E+03	3.011E-12	4.985E-13	1.571E+00	2.826E+03	-3.225E+03	2.352E+00
12	4	1	-5.859E-12	-2.052E-13	-3.464E-28	8.382E+03	1.912E+03	-1.273E+03	-2.052E-13	-5.859E-12	1.571E+00	8.623E+03	1.671E+03	-1.874E-01
12	4	2	-5.819E-12	-2.040E-13	-3.440E-28	8.300E+03	1.910E+03	-1.295E+03	-2.040E-13	-5.819E-12	1.571E+00	8.553E+03	1.657E+03	-1.926E-01
12	4	3	-5.892E-12	-5.706E-13	-3.256E-28	8.724E+03	2.108E+03	-9.890E+02	-5.706E-13	-5.892E-12	1.571E+00	8.869E+03	1.963E+03	-1.452E-01

12	4	4	-5.851E-12	-5.694E-13	-3.232E-28	8.642E+03	2.105E+03	-1.012E+03	-5.694E-13	-5.851E-12	1.571E+00	8.795E+03	1.952E+03	-1.501E-01
12	4	5	-5.662E-12	-1.804E-13	-3.359E-28	8.228E+03	1.795E+03	-1.438E+03	-1.804E-13	-5.662E-12	1.571E+00	8.535E+03	1.488E+03	-2.101E-01
12	4	6	-5.621E-12	-1.792E-13	-3.334E-28	8.146E+03	1.792E+03	-1.460E+03	-1.792E-13	-5.621E-12	1.571E+00	8.465E+03	1.472E+03	-2.154E-01
12	4	7	-5.695E-12	-5.457E-13	-3.150E-28	8.570E+03	1.990E+03	-1.154E+03	-5.457E-13	-5.695E-12	1.571E+00	8.767E+03	1.793E+03	-1.686E-01
12	4	8	-5.654E-12	-5.446E-13	-3.126E-28	8.488E+03	1.987E+03	-1.176E+03	-5.446E-13	-5.654E-12	1.571E+00	8.694E+03	1.781E+03	-1.736E-01
12	4	9	5.744E-12	1.257E-12	2.745E-28	8.410E+02	-3.605E+03	1.524E+03	5.744E-12	1.257E-12	0.000E+00	1.313E+03	-4.077E+03	3.004E-01
12	4	10	5.785E-12	1.258E-12	2.769E-28	7.589E+02	-3.608E+03	1.501E+03	5.785E-12	1.258E-12	0.000E+00	1.225E+03	-4.074E+03	3.012E-01
12	4	11	5.711E-12	8.916E-13	2.953E-28	1.183E+03	-3.410E+03	1.807E+03	5.711E-12	8.916E-13	0.000E+00	1.809E+03	-4.036E+03	3.334E-01
12	4	12	5.752E-12	8.927E-13	2.978E-28	1.101E+03	-3.413E+03	1.785E+03	5.752E-12	8.927E-13	0.000E+00	1.721E+03	-4.033E+03	3.346E-01
12	4	13	5.941E-12	1.282E-12	2.851E-28	6.870E+02	-3.723E+03	1.359E+03	5.941E-12	1.282E-12	0.000E+00	1.072E+03	-4.108E+03	2.762E-01
12	4	14	5.982E-12	1.283E-12	2.875E-28	6.048E+02	-3.726E+03	1.336E+03	5.982E-12	1.283E-12	0.000E+00	9.840E+02	-4.105E+03	2.765E-01
12	4	15	5.909E-12	9.164E-13	3.059E-28	1.029E+03	-3.528E+03	1.643E+03	5.909E-12	9.164E-13	0.000E+00	1.559E+03	-4.058E+03	3.123E-01
12	4	16	5.950E-12	9.175E-13	3.083E-28	9.469E+02	-3.531E+03	1.620E+03	5.950E-12	9.175E-13	0.000E+00	1.472E+03	-4.055E+03	3.132E-01
13	1	1	4.613E-17	1.362E-16	6.568E-18	5.139E+02	-4.808E+02	-3.181E+02	1.367E-16	4.566E-17	1.571E+00	6.069E+02	-5.738E+02	-2.845E-01
13	1	2	-6.178E-18	1.302E-16	1.354E-17	5.162E+02	-4.809E+02	-3.172E+02	1.315E-16	-7.509E-18	1.571E+00	6.085E+02	-5.733E+02	-2.833E-01
13	1	3	4.613E-17	1.362E-16	6.568E-18	4.593E+02	-4.971E+02	-2.805E+02	1.367E-16	4.566E-17	1.571E+00	5.355E+02	-5.733E+02	-2.652E-01
13	1	4	-6.178E-18	1.302E-16	1.354E-17	4.616E+02	-4.972E+02	-2.796E+02	1.315E-16	-7.509E-18	1.571E+00	5.372E+02	-5.728E+02	-2.640E-01
13	1	5	6.178E-18	-1.302E-16	-1.354E-17	5.464E+02	-4.708E+02	-3.412E+02	7.509E-18	-1.315E-16	0.000E+00	6.502E+02	-5.747E+02	-2.954E-01
13	1	6	-4.613E-17	-1.362E-16	-6.568E-18	5.487E+02	-4.710E+02	-3.403E+02	-4.566E-17	-1.367E-16	0.000E+00	6.518E+02	-5.741E+02	-2.943E-01
13	1	7	6.178E-18	-1.302E-16	-1.354E-17	4.918E+02	-4.871E+02	-3.036E+02	7.509E-18	-1.315E-16	0.000E+00	5.783E+02	-5.736E+02	-2.776E-01
13	1	8	-4.613E-17	-1.362E-16	-6.568E-18	4.941E+02	-4.872E+02	-3.027E+02	-4.566E-17	-1.367E-16	0.000E+00	5.800E+02	-5.731E+02	-2.764E-01
13	1	9	4.613E-17	1.362E-16	6.568E-18	8.401E+02	-1.418E+02	-2.516E+02	1.367E-16	4.566E-17	1.571E+00	9.008E+02	-2.025E+02	-2.368E-01
13	1	10	-6.178E-18	1.302E-16	1.354E-17	8.424E+02	-1.419E+02	-2.507E+02	1.315E-16	-7.509E-18	1.571E+00	9.025E+02	-2.021E+02	-2.356E-01
13	1	11	4.613E-17	1.362E-16	6.568E-18	7.855E+02	-1.580E+02	-2.140E+02	1.367E-16	4.566E-17	1.571E+00	8.318E+02	-2.043E+02	-2.129E-01
13	1	12	-6.178E-18	1.302E-16	1.354E-17	7.878E+02	-1.582E+02	-2.131E+02	1.315E-16	-7.509E-18	1.571E+00	8.336E+02	-2.040E+02	-2.117E-01
13	1	13	6.178E-18	-1.302E-16	-1.354E-17	8.725E+02	-1.318E+02	-2.747E+02	7.509E-18	-1.315E-16	0.000E+00	9.428E+02	-2.020E+02	-2.503E-01
13	1	14	-4.613E-17	-1.362E-16	-6.568E-18	8.749E+02	-1.319E+02	-2.738E+02	-4.566E-17	-1.367E-16	0.000E+00	9.445E+02	-2.016E+02	-2.491E-01
13	1	15	6.178E-18	-1.302E-16	-1.354E-17	8.180E+02	-1.481E+02	-2.371E+02	7.509E-18	-1.315E-16	0.000E+00	8.731E+02	-2.031E+02	-2.282E-01
13	1	16	-4.613E-17	-1.362E-16	-6.568E-18	8.203E+02	-1.482E+02	-2.362E+02	-4.566E-17	-1.367E-16	0.000E+00	8.749E+02	-2.028E+02	-2.269E-01
13	2	1	2.003E-17	1.731E-16	9.375E-33	1.196E+03	-1.773E+03	-1.464E+02	1.731E-16	2.003E-17	1.571E+00	1.203E+03	-1.780E+03	-4.916E-02
13	2	2	1.464E-17	1.225E-16	6.601E-33	1.200E+03	-1.769E+03	-1.456E+02	1.225E-16	1.464E-17	1.571E+00	1.207E+03	-1.776E+03	-4.888E-02
13	2	3	2.003E-17	1.731E-16	9.375E-33	1.127E+03	-1.816E+03	-9.332E+01	1.731E-16	2.003E-17	1.571E+00	1.129E+03	-1.819E+03	-3.167E-02
13	2	4	1.464E-17	1.225E-16	6.601E-33	1.130E+03	-1.812E+03	-9.246E+01	1.225E-16	1.464E-17	1.571E+00	1.133E+03	-1.815E+03	-3.139E-02
13	2	5	-1.464E-17	-1.225E-16	-6.601E-33	1.237E+03	-1.748E+03	-1.791E+02	-1.464E-17	-1.225E-16	0.000E+00	1.248E+03	-1.759E+03	-5.969E-02
13	2	6	-2.003E-17	-1.731E-16	-9.375E-33	1.241E+03	-1.744E+03	-1.782E+02	-2.003E-17	-1.731E-16	0.000E+00	1.251E+03	-1.755E+03	-5.942E-02
13	2	7	-1.464E-17	-1.225E-16	-6.601E-33	1.168E+03	-1.791E+03	-1.260E+02	-1.464E-17	-1.225E-16	0.000E+00	1.173E+03	-1.797E+03	-4.247E-02
13	2	8	-2.003E-17	-1.731E-16	-9.375E-33	1.171E+03	-1.787E+03	-1.251E+02	-2.003E-17	-1.731E-16	0.000E+00	1.176E+03	-1.792E+03	-4.219E-02
13	2	9	2.003E-17	1.731E-16	9.375E-33	1.553E+03	-2.169E+02	-8.578E+01	1.731E-16	2.003E-17	1.571E+00	1.557E+03	-2.210E+02	-4.833E-02
13	2	10	1.464E-17	1.225E-16	6.601E-33	1.556E+03	-2.127E+02	-8.492E+01	1.225E-16	1.464E-17	1.571E+00	1.560E+03	-2.168E+02	-4.787E-02
13	2	11	2.003E-17	1.731E-16	9.375E-33	1.483E+03	-2.599E+02	-3.267E+01	1.731E-16	2.003E-17	1.571E+00	1.483E+03	-2.605E+02	-1.874E-02
13	2	12	1.464E-17	1.225E-16	6.601E-33	1.486E+03	-2.557E+02	-3.181E+01	1.225E-16	1.464E-17	1.571E+00	1.487E+03	-2.563E+02	-1.825E-02
13	2	13	-1.464E-17	-1.225E-16	-6.601E-33	1.594E+03	-1.922E+02	-1.184E+02	-1.464E-17	-1.225E-16	0.000E+00	1.602E+03	-2.000E+02	-6.592E-02
13	2	14	-2.003E-17	-1.731E-16	-9.375E-33	1.597E+03	-1.880E+02	-1.176E+02	-2.003E-17	-1.731E-16	0.000E+00	1.605E+03	-1.957E+02	-6.548E-02

13	2	15	-1.464E-17	-1.225E-16	-6.601E-33	1.524E+03	-2.352E+02	-6.531E+01	-1.464E-17	-1.225E-16	0.000E+00	1.526E+03	-2.376E+02	-3.706E-02
13	2	16	-2.003E-17	-1.731E-16	-9.375E-33	1.527E+03	-2.310E+02	-6.445E+01	-2.003E-17	-1.731E-16	0.000E+00	1.530E+03	-2.334E+02	-3.659E-02
13	3	1	1.577E-16	2.237E-17	-1.657E-32	7.918E+02	-2.481E+03	-4.968E+02	1.577E-16	2.237E-17	0.000E+00	8.655E+02	-2.554E+03	-1.474E-01
13	3	2	1.112E-16	1.502E-17	-1.178E-32	7.950E+02	-2.475E+03	-4.949E+02	1.112E-16	1.502E-17	0.000E+00	8.683E+02	-2.548E+03	-1.470E-01
13	3	3	1.577E-16	2.237E-17	-1.657E-32	7.524E+02	-2.557E+03	-4.517E+02	1.577E-16	2.237E-17	0.000E+00	8.129E+02	-2.618E+03	-1.332E-01
13	3	4	1.112E-16	1.502E-17	-1.178E-32	7.557E+02	-2.552E+03	-4.498E+02	1.112E-16	1.502E-17	0.000E+00	8.158E+02	-2.612E+03	-1.328E-01
13	3	5	-1.112E-16	-1.502E-17	1.178E-32	8.143E+02	-2.436E+03	-5.246E+02	-1.502E-17	-1.112E-16	1.571E+00	8.969E+02	-2.518E+03	-1.561E-01
13	3	6	-1.577E-16	-2.237E-17	1.657E-32	8.176E+02	-2.430E+03	-5.227E+02	-2.237E-17	-1.577E-16	1.571E+00	8.997E+02	-2.512E+03	-1.557E-01
13	3	7	-1.112E-16	-1.502E-17	1.178E-32	7.750E+02	-2.512E+03	-4.795E+02	-1.502E-17	-1.112E-16	1.571E+00	8.435E+02	-2.581E+03	-1.419E-01
13	3	8	-1.577E-16	-2.237E-17	1.657E-32	7.783E+02	-2.507E+03	-4.776E+02	-2.237E-17	-1.577E-16	1.571E+00	8.463E+02	-2.575E+03	-1.415E-01
13	3	9	1.577E-16	2.237E-17	-1.657E-32	1.202E+03	2.325E+02	-4.264E+02	1.577E-16	2.237E-17	0.000E+00	1.363E+03	7.167E+01	-3.607E-01
13	3	10	1.112E-16	1.502E-17	-1.178E-32	1.205E+03	2.381E+02	-4.245E+02	1.112E-16	1.502E-17	0.000E+00	1.365E+03	7.817E+01	-3.602E-01
13	3	11	1.577E-16	2.237E-17	-1.657E-32	1.163E+03	1.560E+02	-3.812E+02	1.577E-16	2.237E-17	0.000E+00	1.291E+03	2.788E+01	-3.241E-01
13	3	12	1.112E-16	1.502E-17	-1.178E-32	1.166E+03	1.615E+02	-3.794E+02	1.112E-16	1.502E-17	0.000E+00	1.293E+03	3.433E+01	-3.235E-01
13	3	13	-1.112E-16	-1.502E-17	1.178E-32	1.224E+03	2.773E+02	-4.542E+02	-1.502E-17	-1.112E-16	1.571E+00	1.407E+03	9.474E+01	-3.822E-01
13	3	14	-1.577E-16	-2.237E-17	1.657E-32	1.228E+03	2.829E+02	-4.523E+02	-2.237E-17	-1.577E-16	1.571E+00	1.409E+03	1.013E+02	-3.818E-01
13	3	15	-1.112E-16	-1.502E-17	1.178E-32	1.185E+03	2.008E+02	-4.090E+02	-1.502E-17	-1.112E-16	1.571E+00	1.333E+03	5.300E+01	-3.467E-01
13	3	16	-1.577E-16	-2.237E-17	1.657E-32	1.188E+03	2.063E+02	-4.072E+02	-2.237E-17	-1.577E-16	1.571E+00	1.335E+03	5.948E+01	-3.461E-01
13	4	1	2.381E-17	1.454E-16	-7.446E-33	1.265E+02	-1.260E+03	-7.510E+02	1.454E-16	2.381E-17	1.571E+00	4.553E+02	-1.589E+03	-4.126E-01
13	4	2	1.705E-17	9.611E-17	-4.841E-33	1.286E+02	-1.259E+03	-7.503E+02	9.611E-17	1.705E-17	1.571E+00	4.567E+02	-1.587E+03	-4.123E-01
13	4	3	2.381E-17	1.454E-16	-7.446E-33	1.054E+02	-1.324E+03	-7.236E+02	1.454E-16	2.381E-17	1.571E+00	4.078E+02	-1.626E+03	-3.959E-01
13	4	4	1.705E-17	9.611E-17	-4.841E-33	1.075E+02	-1.322E+03	-7.228E+02	9.611E-17	1.705E-17	1.571E+00	4.093E+02	-1.624E+03	-3.955E-01
13	4	5	-1.705E-17	-9.611E-17	4.841E-33	1.385E+02	-1.222E+03	-7.679E+02	-1.705E-17	-9.611E-17	0.000E+00	4.841E+02	-1.568E+03	-4.229E-01
13	4	6	-2.381E-17	-1.454E-16	7.446E-33	1.406E+02	-1.221E+03	-7.671E+02	-2.381E-17	-1.454E-16	0.000E+00	4.855E+02	-1.566E+03	-4.225E-01
13	4	7	-1.705E-17	-9.611E-17	4.841E-33	1.174E+02	-1.285E+03	-7.404E+02	-1.705E-17	-9.611E-17	0.000E+00	4.359E+02	-1.604E+03	-4.062E-01
13	4	8	-2.381E-17	-1.454E-16	7.446E-33	1.195E+02	-1.284E+03	-7.397E+02	-2.381E-17	-1.454E-16	0.000E+00	4.373E+02	-1.602E+03	-4.059E-01
13	4	9	2.381E-17	1.454E-16	-7.446E-33	4.949E+02	2.845E+02	-4.017E+02	1.454E-16	2.381E-17	1.571E+00	8.050E+02	-2.554E+01	-6.573E-01
13	4	10	1.705E-17	9.611E-17	-4.841E-33	4.971E+02	2.860E+02	-4.010E+02	9.611E-17	1.705E-17	1.571E+00	8.062E+02	-2.308E+01	-6.567E-01
13	4	11	2.381E-17	1.454E-16	-7.446E-33	4.738E+02	2.213E+02	-3.743E+02	1.454E-16	2.381E-17	1.571E+00	7.426E+02	-4.745E+01	-6.227E-01
13	4	12	1.705E-17	9.611E-17	-4.841E-33	4.759E+02	2.228E+02	-3.735E+02	9.611E-17	1.705E-17	1.571E+00	7.437E+02	-4.503E+01	-6.220E-01
13	4	13	-1.705E-17	-9.611E-17	4.841E-33	5.069E+02	3.227E+02	-4.186E+02	-1.705E-17	-9.611E-17	0.000E+00	8.434E+02	-1.380E+01	-6.771E-01
13	4	14	-2.381E-17	-1.454E-16	7.446E-33	5.090E+02	3.242E+02	-4.178E+02	-2.381E-17	-1.454E-16	0.000E+00	8.446E+02	-1.133E+01	-6.765E-01
13	4	15	-1.705E-17	-9.611E-17	4.841E-33	4.858E+02	2.595E+02	-3.912E+02	-1.705E-17	-9.611E-17	0.000E+00	7.798E+02	-3.457E+01	-6.446E-01
13	4	16	-2.381E-17	-1.454E-16	7.446E-33	4.879E+02	2.610E+02	-3.904E+02	-2.381E-17	-1.454E-16	0.000E+00	7.810E+02	-3.213E+01	-6.440E-01
14	1	1	2.306E-17	7.352E-18	-1.269E-17	4.256E+02	-4.273E+03	-7.407E+02	3.013E-17	2.828E-19	0.000E+00	5.396E+02	-4.387E+03	-1.527E-01
14	1	2	-1.960E-17	1.573E-17	4.272E-17	4.291E+02	-4.269E+03	-7.390E+02	4.429E-17	-4.816E-17	1.571E+00	5.426E+02	-4.383E+03	-1.524E-01
14	1	3	2.306E-17	7.352E-18	-1.269E-17	3.769E+02	-4.394E+03	-6.877E+02	3.013E-17	2.828E-19	0.000E+00	4.740E+02	-4.491E+03	-1.403E-01
14	1	4	-1.960E-17	1.573E-17	4.272E-17	3.804E+02	-4.390E+03	-6.859E+02	4.429E-17	-4.816E-17	1.571E+00	4.771E+02	-4.487E+03	-1.400E-01
14	1	5	1.960E-17	-1.573E-17	-4.272E-17	4.539E+02	-4.201E+03	-7.733E+02	4.816E-17	-4.429E-17	0.000E+00	5.790E+02	-4.326E+03	-1.604E-01
14	1	6	-2.306E-17	-7.352E-18	1.269E-17	4.574E+02	-4.197E+03	-7.715E+02	-2.828E-19	-3.013E-17	1.571E+00	5.820E+02	-4.321E+03	-1.601E-01
14	1	7	1.960E-17	-1.573E-17	-4.272E-17	4.051E+02	-4.322E+03	-7.203E+02	4.816E-17	-4.429E-17	0.000E+00	5.125E+02	-4.429E+03	-1.479E-01
14	1	8	-2.306E-17	-7.352E-18	1.269E-17	4.087E+02	-4.318E+03	-7.185E+02	-2.828E-19	-3.013E-17	1.571E+00	5.155E+02	-4.424E+03	-1.476E-01
14	1	9	2.306E-17	7.352E-18	-1.269E-17	1.252E+03	1.645E+02	-6.762E+02	3.013E-17	2.828E-19	0.000E+00	1.576E+03	-1.593E+02	-4.467E-01

14	1	10	-1.960E-17	1.573E-17	4.272E-17	1.256E+03	1.685E+02	-6.744E+02	4.429E-17	-4.816E-17	1.571E+00	1.579E+03	-1.541E+02	-4.461E-01
14	1	11	2.306E-17	7.352E-18	-1.269E-17	1.204E+03	4.365E+01	-6.231E+02	3.013E-17	2.828E-19	0.000E+00	1.475E+03	-2.276E+02	-4.106E-01
14	1	12	-1.960E-17	1.573E-17	4.272E-17	1.207E+03	4.766E+01	-6.214E+02	4.429E-17	-4.816E-17	1.571E+00	1.477E+03	-2.224E+02	-4.100E-01
14	1	13	1.960E-17	-1.573E-17	-4.272E-17	1.281E+03	2.371E+02	-7.087E+02	4.816E-17	-4.429E-17	0.000E+00	1.639E+03	-1.212E+02	-4.681E-01
14	1	14	-2.306E-17	-7.352E-18	1.269E-17	1.284E+03	2.411E+02	-7.070E+02	-2.828E-19	-3.013E-17	1.571E+00	1.641E+03	-1.159E+02	-4.676E-01
14	1	15	1.960E-17	-1.573E-17	-4.272E-17	1.232E+03	1.162E+02	-6.557E+02	4.816E-17	-4.429E-17	0.000E+00	1.535E+03	-1.868E+02	-4.329E-01
14	1	16	-2.306E-17	-7.352E-18	1.269E-17	1.236E+03	1.203E+02	-6.540E+02	-2.828E-19	-3.013E-17	1.571E+00	1.537E+03	-1.815E+02	-4.324E-01
14	2	1	-4.126E-17	6.388E-17	6.438E-33	1.400E+03	-7.122E+03	2.240E+02	6.388E-17	-4.126E-17	1.571E+00	1.406E+03	-7.128E+03	2.626E-02
14	2	2	2.337E-17	-1.737E-17	-2.495E-33	1.407E+03	-7.102E+03	2.264E+02	2.337E-17	-1.737E-17	0.000E+00	1.413E+03	-7.108E+03	2.658E-02
14	2	3	-4.126E-17	6.388E-17	6.438E-33	1.339E+03	-7.328E+03	3.021E+02	6.388E-17	-4.126E-17	1.571E+00	1.349E+03	-7.339E+03	3.480E-02
14	2	4	2.337E-17	-1.737E-17	-2.495E-33	1.346E+03	-7.309E+03	3.045E+02	2.337E-17	-1.737E-17	0.000E+00	1.357E+03	-7.319E+03	3.513E-02
14	2	5	-2.337E-17	1.737E-17	2.495E-33	1.434E+03	-7.004E+03	1.759E+02	1.737E-17	-2.337E-17	1.571E+00	1.438E+03	-7.007E+03	2.084E-02
14	2	6	4.126E-17	-6.388E-17	-6.438E-33	1.441E+03	-6.984E+03	1.784E+02	4.126E-17	-6.388E-17	0.000E+00	1.445E+03	-6.988E+03	2.116E-02
14	2	7	-2.337E-17	1.737E-17	2.495E-33	1.373E+03	-7.210E+03	2.541E+02	1.737E-17	-2.337E-17	1.571E+00	1.380E+03	-7.218E+03	2.957E-02
14	2	8	4.126E-17	-6.388E-17	-6.438E-33	1.380E+03	-7.190E+03	2.565E+02	4.126E-17	-6.388E-17	0.000E+00	1.387E+03	-7.198E+03	2.989E-02
14	2	9	-4.126E-17	6.388E-17	6.438E-33	2.688E+03	1.285E+03	2.835E+02	6.388E-17	-4.126E-17	1.571E+00	2.743E+03	1.230E+03	1.920E-01
14	2	10	2.337E-17	-1.737E-17	-2.495E-33	2.695E+03	1.305E+03	2.859E+02	2.337E-17	-1.737E-17	0.000E+00	2.751E+03	1.248E+03	1.951E-01
14	2	11	-4.126E-17	6.388E-17	6.438E-33	2.626E+03	1.078E+03	3.616E+02	6.388E-17	-4.126E-17	1.571E+00	2.706E+03	9.980E+02	2.185E-01
14	2	12	2.337E-17	-1.737E-17	-2.495E-33	2.633E+03	1.098E+03	3.640E+02	2.337E-17	-1.737E-17	0.000E+00	2.715E+03	1.016E+03	2.214E-01
14	2	13	-2.337E-17	1.737E-17	2.495E-33	2.721E+03	1.403E+03	2.354E+02	1.737E-17	-2.337E-17	1.571E+00	2.762E+03	1.362E+03	1.715E-01
14	2	14	4.126E-17	-6.388E-17	-6.438E-33	2.729E+03	1.423E+03	2.378E+02	4.126E-17	-6.388E-17	0.000E+00	2.771E+03	1.381E+03	1.747E-01
14	2	15	-2.337E-17	1.737E-17	2.495E-33	2.660E+03	1.197E+03	3.135E+02	1.737E-17	-2.337E-17	1.571E+00	2.724E+03	1.132E+03	2.024E-01
14	2	16	4.126E-17	-6.388E-17	-6.438E-33	2.667E+03	1.216E+03	3.160E+02	4.126E-17	-6.388E-17	0.000E+00	2.733E+03	1.150E+03	2.054E-01
14	3	1	5.083E-17	-3.806E-17	-1.089E-32	1.262E+03	-6.900E+03	-1.253E+03	5.083E-17	-3.806E-17	0.000E+00	1.451E+03	-7.088E+03	-1.489E-01
14	3	2	-5.626E-18	1.941E-17	3.066E-33	1.270E+03	-6.877E+03	-1.248E+03	1.941E-17	-5.626E-18	1.571E+00	1.457E+03	-7.064E+03	-1.487E-01
14	3	3	5.083E-17	-3.806E-17	-1.089E-32	1.228E+03	-7.135E+03	-1.200E+03	5.083E-17	-3.806E-17	0.000E+00	1.397E+03	-7.304E+03	-1.397E-01
14	3	4	-5.626E-18	1.941E-17	3.066E-33	1.236E+03	-7.112E+03	-1.195E+03	1.941E-17	-5.626E-18	1.571E+00	1.404E+03	-7.280E+03	-1.395E-01
14	3	5	5.626E-18	-1.941E-17	-3.066E-33	1.278E+03	-6.766E+03	-1.286E+03	5.626E-18	-1.941E-17	0.000E+00	1.478E+03	-6.967E+03	-1.547E-01
14	3	6	-5.083E-17	3.806E-17	1.089E-32	1.286E+03	-6.743E+03	-1.281E+03	3.806E-17	-5.083E-17	1.571E+00	1.485E+03	-6.942E+03	-1.544E-01
14	3	7	5.626E-18	-1.941E-17	-3.066E-33	1.244E+03	-7.001E+03	-1.233E+03	5.626E-18	-1.941E-17	0.000E+00	1.424E+03	-7.182E+03	-1.453E-01
14	3	8	-5.083E-17	3.806E-17	1.089E-32	1.251E+03	-6.978E+03	-1.228E+03	3.806E-17	-5.083E-17	1.571E+00	1.431E+03	-7.157E+03	-1.450E-01
14	3	9	5.083E-17	-3.806E-17	-1.089E-32	2.178E+03	2.486E+03	-7.881E+02	5.083E-17	-3.806E-17	0.000E+00	3.135E+03	1.529E+03	2.260E+00
14	3	10	-5.626E-18	1.941E-17	3.066E-33	2.186E+03	2.510E+03	-7.833E+02	1.941E-17	-5.626E-18	1.571E+00	3.148E+03	1.548E+03	2.254E+00
14	3	11	5.083E-17	-3.806E-17	-1.089E-32	2.144E+03	2.251E+03	-7.352E+02	5.083E-17	-3.806E-17	0.000E+00	2.935E+03	1.461E+03	2.320E+00
14	3	12	-5.626E-18	1.941E-17	3.066E-33	2.152E+03	2.275E+03	-7.304E+02	1.941E-17	-5.626E-18	1.571E+00	2.946E+03	1.480E+03	2.314E+00
14	3	13	5.626E-18	-1.941E-17	-3.066E-33	2.194E+03	2.620E+03	-8.205E+02	5.626E-18	-1.941E-17	0.000E+00	3.255E+03	1.559E+03	2.229E+00
14	3	14	-5.083E-17	3.806E-17	1.089E-32	2.201E+03	2.644E+03	-8.157E+02	3.806E-17	-5.083E-17	1.571E+00	3.268E+03	1.577E+03	2.224E+00
14	3	15	5.626E-18	-1.941E-17	-3.066E-33	2.160E+03	2.385E+03	-7.676E+02	5.626E-18	-1.941E-17	0.000E+00	3.048E+03	1.497E+03	2.283E+00
14	3	16	-5.083E-17	3.806E-17	1.089E-32	2.167E+03	2.408E+03	-7.629E+02	3.806E-17	-5.083E-17	1.571E+00	3.060E+03	1.516E+03	2.278E+00
14	4	1	-2.472E-17	4.528E-17	-4.286E-33	6.731E+02	-5.681E+03	-1.538E+03	4.528E-17	-2.472E-17	1.571E+00	1.026E+03	-6.034E+03	-2.254E-01
14	4	2	5.585E-18	-1.665E-18	4.439E-34	6.764E+02	-5.670E+03	-1.537E+03	5.585E-18	-1.665E-18	0.000E+00	1.029E+03	-6.023E+03	-2.255E-01
14	4	3	-2.472E-17	4.528E-17	-4.286E-33	6.635E+02	-5.881E+03	-1.498E+03	4.528E-17	-2.472E-17	1.571E+00	9.899E+02	-6.208E+03	-2.146E-01
14	4	4	5.585E-18	-1.665E-18	4.439E-34	6.667E+02	-5.870E+03	-1.496E+03	5.585E-18	-1.665E-18	0.000E+00	9.930E+02	-6.196E+03	-2.147E-01

14	4	5	-5.585E-18	1.665E-18	-4.439E-34	6.758E+02	-5.563E+03	-1.563E+03	1.665E-18	-5.585E-18	1.571E+00	1.046E+03	-5.933E+03	-2.323E-01
14	4	6	2.472E-17	-4.528E-17	4.286E-33	6.791E+02	-5.552E+03	-1.562E+03	2.472E-17	-4.528E-17	0.000E+00	1.049E+03	-5.922E+03	-2.324E-01
14	4	7	-5.585E-18	1.665E-18	-4.439E-34	6.661E+02	-5.763E+03	-1.523E+03	1.665E-18	-5.585E-18	1.571E+00	1.008E+03	-6.106E+03	-2.212E-01
14	4	8	2.472E-17	-4.528E-17	4.286E-33	6.694E+02	-5.752E+03	-1.521E+03	2.472E-17	-4.528E-17	0.000E+00	1.012E+03	-6.094E+03	-2.213E-01
14	4	9	-2.472E-17	4.528E-17	-4.286E-33	6.837E+02	1.619E+03	-9.070E+02	4.528E-17	-2.472E-17	1.571E+00	2.172E+03	1.308E+02	2.118E+00
14	4	10	5.585E-18	-1.665E-18	4.439E-34	6.869E+02	1.630E+03	-9.058E+02	5.585E-18	-1.665E-18	0.000E+00	2.180E+03	1.373E+02	2.116E+00
14	4	11	-2.472E-17	4.528E-17	-4.286E-33	6.740E+02	1.419E+03	-8.663E+02	4.528E-17	-2.472E-17	1.571E+00	1.989E+03	1.034E+02	2.153E+00
14	4	12	5.585E-18	-1.665E-18	4.439E-34	6.772E+02	1.430E+03	-8.651E+02	5.585E-18	-1.665E-18	0.000E+00	1.997E+03	1.102E+02	2.151E+00
14	4	13	-5.585E-18	1.665E-18	-4.439E-34	6.863E+02	1.737E+03	-9.320E+02	1.665E-18	-5.585E-18	1.571E+00	2.282E+03	1.418E+02	2.100E+00
14	4	14	2.472E-17	-4.528E-17	4.286E-33	6.896E+02	1.748E+03	-9.308E+02	2.472E-17	-4.528E-17	0.000E+00	2.290E+03	1.482E+02	2.098E+00
14	4	15	-5.585E-18	1.665E-18	-4.439E-34	6.766E+02	1.537E+03	-8.913E+02	1.665E-18	-5.585E-18	1.571E+00	2.097E+03	1.172E+02	2.131E+00
14	4	16	2.472E-17	-4.528E-17	4.286E-33	6.799E+02	1.548E+03	-8.901E+02	2.472E-17	-4.528E-17	0.000E+00	2.105E+03	1.238E+02	2.129E+00
15	1	1	1.411E-13	9.409E-13	1.725E-13	9.566E+02	-8.862E+03	-2.133E+03	9.766E-13	1.055E-13	1.571E+00	1.400E+03	-9.306E+03	-2.049E-01
15	1	2	1.400E-13	9.332E-13	1.691E-13	9.647E+02	-8.845E+03	-2.130E+03	9.678E-13	1.054E-13	1.571E+00	1.407E+03	-9.288E+03	-2.048E-01
15	1	3	1.504E-13	1.003E-12	1.866E-13	9.092E+02	-9.170E+03	-2.093E+03	1.042E-12	1.114E-13	1.571E+00	1.326E+03	-9.587E+03	-1.968E-01
15	1	4	1.493E-13	9.952E-13	1.832E-13	9.173E+02	-9.153E+03	-2.090E+03	1.033E-12	1.113E-13	1.571E+00	1.334E+03	-9.570E+03	-1.967E-01
15	1	5	1.360E-13	9.068E-13	1.662E-13	9.808E+02	-8.680E+03	-2.158E+03	9.411E-13	1.017E-13	1.571E+00	1.441E+03	-9.141E+03	-2.101E-01
15	1	6	1.349E-13	8.991E-13	1.628E-13	9.889E+02	-8.664E+03	-2.155E+03	9.323E-13	1.016E-13	1.571E+00	1.448E+03	-9.123E+03	-2.100E-01
15	1	7	1.453E-13	9.688E-13	1.804E-13	9.334E+02	-8.988E+03	-2.118E+03	1.007E-12	1.075E-13	1.571E+00	1.366E+03	-9.421E+03	-2.017E-01
15	1	8	1.442E-13	9.610E-13	1.770E-13	9.415E+02	-8.971E+03	-2.114E+03	9.977E-13	1.075E-13	1.571E+00	1.374E+03	-9.403E+03	-2.016E-01
15	1	9	-1.629E-13	-1.086E-12	-2.008E-13	2.505E+03	3.398E+03	-9.763E+02	-1.211E-13	-1.128E-12	0.000E+00	4.025E+03	1.878E+03	2.142E+00
15	1	10	-1.641E-13	-1.094E-12	-2.042E-13	2.513E+03	3.415E+03	-9.733E+02	-1.212E-13	-1.137E-12	0.000E+00	4.036E+03	1.891E+03	2.139E+00
15	1	11	-1.536E-13	-1.024E-12	-1.867E-13	2.457E+03	3.090E+03	-9.359E+02	-1.153E-13	-1.062E-12	0.000E+00	3.762E+03	1.786E+03	2.193E+00
15	1	12	-1.548E-13	-1.032E-12	-1.901E-13	2.465E+03	3.107E+03	-9.328E+02	-1.153E-13	-1.071E-12	0.000E+00	3.773E+03	1.800E+03	2.191E+00
15	1	13	-1.680E-13	-1.120E-12	-2.071E-13	2.529E+03	3.580E+03	-1.001E+03	-1.250E-13	-1.163E-12	0.000E+00	4.185E+03	1.924E+03	2.115E+00
15	1	14	-1.692E-13	-1.128E-12	-2.105E-13	2.537E+03	3.597E+03	-9.981E+02	-1.250E-13	-1.172E-12	0.000E+00	4.197E+03	1.937E+03	2.112E+00
15	1	15	-1.587E-13	-1.058E-12	-1.929E-13	2.481E+03	3.272E+03	-9.607E+02	-1.191E-13	-1.098E-12	0.000E+00	3.916E+03	1.838E+03	2.161E+00
15	1	16	-1.599E-13	-1.066E-12	-1.963E-13	2.489E+03	3.289E+03	-9.577E+02	-1.192E-13	-1.107E-12	0.000E+00	3.927E+03	1.851E+03	2.158E+00
15	2	1	-2.268E-13	2.074E-12	1.408E-28	3.798E+03	-1.258E+04	2.768E+02	2.074E-12	-2.268E-13	1.571E+00	3.803E+03	-1.258E+04	1.690E-02
15	2	2	-2.275E-13	2.058E-12	1.399E-28	3.825E+03	-1.251E+04	2.854E+02	2.058E-12	-2.275E-13	1.571E+00	3.830E+03	-1.252E+04	1.746E-02
15	2	3	-9.743E-14	2.066E-12	1.325E-28	3.724E+03	-1.320E+04	3.768E+02	2.066E-12	-9.743E-14	1.571E+00	3.733E+03	-1.321E+04	2.225E-02
15	2	4	-9.815E-14	2.050E-12	1.316E-28	3.751E+03	-1.314E+04	3.855E+02	2.050E-12	-9.815E-14	1.571E+00	3.760E+03	-1.315E+04	2.281E-02
15	2	5	-2.254E-13	2.005E-12	1.365E-28	3.813E+03	-1.222E+04	2.153E+02	2.005E-12	-2.254E-13	1.571E+00	3.816E+03	-1.222E+04	1.343E-02
15	2	6	-2.261E-13	1.990E-12	1.357E-28	3.840E+03	-1.216E+04	2.240E+02	1.990E-12	-2.261E-13	1.571E+00	3.843E+03	-1.216E+04	1.400E-02
15	2	7	-9.606E-14	1.997E-12	1.282E-28	3.739E+03	-1.285E+04	3.154E+02	1.997E-12	-9.606E-14	1.571E+00	3.745E+03	-1.285E+04	1.901E-02
15	2	8	-9.678E-14	1.982E-12	1.273E-28	3.766E+03	-1.278E+04	3.240E+02	1.982E-12	-9.678E-14	1.571E+00	3.772E+03	-1.279E+04	1.957E-02
15	2	9	-1.524E-13	-1.978E-12	-1.118E-28	6.297E+03	1.103E+04	8.338E+02	-1.524E-13	-1.978E-12	0.000E+00	1.117E+04	6.154E+03	1.401E+00
15	2	10	-1.531E-13	-1.993E-12	-1.127E-28	6.324E+03	1.109E+04	8.425E+02	-1.531E-13	-1.993E-12	0.000E+00	1.124E+04	6.179E+03	1.401E+00
15	2	11	-2.309E-14	-1.986E-12	-1.202E-28	6.223E+03	1.040E+04	9.338E+02	-2.309E-14	-1.986E-12	0.000E+00	1.060E+04	6.024E+03	1.361E+00
15	2	12	-2.382E-14	-2.001E-12	-1.211E-28	6.250E+03	1.047E+04	9.425E+02	-2.382E-14	-2.001E-12	0.000E+00	1.067E+04	6.049E+03	1.361E+00
15	2	13	-1.511E-13	-2.047E-12	-1.161E-28	6.312E+03	1.138E+04	7.724E+02	-1.511E-13	-2.047E-12	0.000E+00	1.150E+04	6.197E+03	1.423E+00
15	2	14	-1.518E-13	-2.062E-12	-1.170E-28	6.339E+03	1.145E+04	7.810E+02	-1.518E-13	-2.062E-12	0.000E+00	1.156E+04	6.222E+03	1.422E+00
15	2	15	-2.172E-14	-2.055E-12	-1.245E-28	6.238E+03	1.076E+04	8.724E+02	-2.172E-14	-2.055E-12	0.000E+00	1.092E+04	6.075E+03	1.387E+00

15	2	16	-2.245E-14	-2.070E-12	-1.253E-28	6.265E+03	1.082E+04	8.811E+02	-2.245E-14	-2.070E-12	0.000E+00	1.099E+04	6.100E+03	1.386E+00
15	3	1	1.184E-12	-1.093E-13	-1.583E-28	3.255E+03	-6.817E+03	-4.814E+03	1.184E-12	-1.093E-13	0.000E+00	5.186E+03	-8.748E+03	-3.814E-01
15	3	2	1.173E-12	-1.111E-13	-1.572E-28	3.274E+03	-6.755E+03	-4.797E+03	1.173E-12	-1.111E-13	0.000E+00	5.199E+03	-8.680E+03	-3.816E-01
15	3	3	1.182E-12	-3.248E-14	-1.488E-28	3.186E+03	-7.267E+03	-4.931E+03	1.182E-12	-3.248E-14	0.000E+00	5.145E+03	-9.226E+03	-3.781E-01
15	3	4	1.170E-12	-3.434E-14	-1.476E-28	3.205E+03	-7.205E+03	-4.913E+03	1.170E-12	-3.434E-14	0.000E+00	5.158E+03	-9.158E+03	-3.783E-01
15	3	5	1.145E-12	-1.090E-13	-1.535E-28	3.219E+03	-6.572E+03	-4.752E+03	1.145E-12	-1.090E-13	0.000E+00	5.146E+03	-8.499E+03	-3.853E-01
15	3	6	1.134E-12	-1.109E-13	-1.524E-28	3.238E+03	-6.510E+03	-4.735E+03	1.134E-12	-1.109E-13	0.000E+00	5.159E+03	-8.431E+03	-3.855E-01
15	3	7	1.142E-12	-3.227E-14	-1.440E-28	3.151E+03	-7.022E+03	-4.868E+03	1.142E-12	-3.227E-14	0.000E+00	5.105E+03	-8.977E+03	-3.817E-01
15	3	8	1.131E-12	-3.413E-14	-1.428E-28	3.169E+03	-6.960E+03	-4.851E+03	1.131E-12	-3.413E-14	0.000E+00	5.118E+03	-8.909E+03	-3.819E-01
15	3	9	-1.133E-12	-1.088E-13	1.255E-28	3.351E+03	9.323E+03	1.987E+03	-1.088E-13	-1.133E-12	1.571E+00	9.924E+03	2.750E+03	1.277E+00
15	3	10	-1.144E-12	-1.107E-13	1.267E-28	3.370E+03	9.385E+03	2.005E+03	-1.107E-13	-1.144E-12	1.571E+00	9.992E+03	2.763E+03	1.277E+00
15	3	11	-1.136E-12	-3.201E-14	1.351E-28	3.282E+03	8.872E+03	1.871E+03	-3.201E-14	-1.136E-12	1.571E+00	9.441E+03	2.714E+03	1.276E+00
15	3	12	-1.147E-12	-3.387E-14	1.362E-28	3.301E+03	8.934E+03	1.888E+03	-3.387E-14	-1.147E-12	1.571E+00	9.509E+03	2.727E+03	1.275E+00
15	3	13	-1.172E-12	-1.086E-13	1.303E-28	3.315E+03	9.568E+03	2.050E+03	-1.086E-13	-1.172E-12	1.571E+00	1.018E+04	2.703E+03	1.281E+00
15	3	14	-1.183E-12	-1.104E-13	1.315E-28	3.334E+03	9.630E+03	2.067E+03	-1.104E-13	-1.183E-12	1.571E+00	1.025E+04	2.716E+03	1.280E+00
15	3	15	-1.175E-12	-3.180E-14	1.399E-28	3.246E+03	9.117E+03	1.934E+03	-3.180E-14	-1.175E-12	1.571E+00	9.697E+03	2.667E+03	1.280E+00
15	3	16	-1.186E-12	-3.366E-14	1.410E-28	3.265E+03	9.179E+03	1.951E+03	-3.366E-14	-1.186E-12	1.571E+00	9.765E+03	2.680E+03	1.279E+00
15	4	1	-1.937E-13	5.039E-13	-4.270E-29	1.163E+03	-5.653E+03	-2.693E+03	5.039E-13	-1.937E-13	1.571E+00	2.099E+03	-6.588E+03	-3.344E-01
15	4	2	-1.936E-13	4.977E-13	-4.231E-29	1.160E+03	-5.626E+03	-2.688E+03	4.977E-13	-1.936E-13	1.571E+00	2.095E+03	-6.562E+03	-3.350E-01
15	4	3	-1.594E-13	4.940E-13	-4.002E-29	1.237E+03	-5.881E+03	-2.707E+03	4.940E-13	-1.594E-13	1.571E+00	2.150E+03	-6.794E+03	-3.252E-01
15	4	4	-1.593E-13	4.878E-13	-3.964E-29	1.234E+03	-5.855E+03	-2.702E+03	4.878E-13	-1.593E-13	1.571E+00	2.146E+03	-6.768E+03	-3.257E-01
15	4	5	-1.887E-13	4.878E-13	-4.140E-29	1.119E+03	-5.525E+03	-2.689E+03	4.878E-13	-1.887E-13	1.571E+00	2.071E+03	-6.477E+03	-3.402E-01
15	4	6	-1.886E-13	4.816E-13	-4.102E-29	1.116E+03	-5.499E+03	-2.684E+03	4.816E-13	-1.886E-13	1.571E+00	2.068E+03	-6.451E+03	-3.409E-01
15	4	7	-1.543E-13	4.779E-13	-3.873E-29	1.193E+03	-5.753E+03	-2.704E+03	4.779E-13	-1.543E-13	1.571E+00	2.121E+03	-6.682E+03	-3.307E-01
15	4	8	-1.543E-13	4.717E-13	-3.834E-29	1.190E+03	-5.727E+03	-2.699E+03	4.717E-13	-1.543E-13	1.571E+00	2.118E+03	-6.655E+03	-3.313E-01
15	4	9	9.422E-14	-4.544E-13	3.361E-29	-9.490E+02	3.186E+03	-2.225E+02	9.422E-14	-4.544E-13	0.000E+00	3.198E+03	-9.609E+02	1.624E+00
15	4	10	9.428E-14	-4.606E-13	3.399E-29	-9.524E+02	3.213E+03	-2.175E+02	9.428E-14	-4.606E-13	0.000E+00	3.224E+03	-9.637E+02	1.623E+00
15	4	11	1.286E-13	-4.643E-13	3.629E-29	-8.751E+02	2.958E+03	-2.369E+02	1.286E-13	-4.643E-13	0.000E+00	2.973E+03	-8.897E+02	1.632E+00
15	4	12	1.286E-13	-4.705E-13	3.667E-29	-8.785E+02	2.985E+03	-2.319E+02	1.286E-13	-4.705E-13	0.000E+00	2.998E+03	-8.924E+02	1.631E+00
15	4	13	9.926E-14	-4.705E-13	3.490E-29	-9.929E+02	3.314E+03	-2.187E+02	9.926E-14	-4.705E-13	0.000E+00	3.325E+03	-1.004E+03	1.621E+00
15	4	14	9.932E-14	-4.767E-13	3.529E-29	-9.963E+02	3.340E+03	-2.137E+02	9.932E-14	-4.767E-13	0.000E+00	3.351E+03	-1.007E+03	1.620E+00
15	4	15	1.336E-13	-4.804E-13	3.758E-29	-9.191E+02	3.086E+03	-2.331E+02	1.336E-13	-4.804E-13	0.000E+00	3.099E+03	-9.326E+02	1.629E+00
15	4	16	1.337E-13	-4.866E-13	3.796E-29	-9.225E+02	3.112E+03	-2.281E+02	1.337E-13	-4.866E-13	0.000E+00	3.125E+03	-9.353E+02	1.627E+00
16	1	1	-4.139E-13	-2.698E-12	2.369E-13	4.514E+03	5.085E+02	-5.749E+03	-3.896E-13	-2.723E-12	0.000E+00	8.599E+03	-3.577E+03	-6.178E-01
16	1	2	-4.182E-13	-2.680E-12	2.421E-13	4.525E+03	5.203E+02	-5.718E+03	-3.926E-13	-2.706E-12	0.000E+00	8.581E+03	-3.535E+03	-6.170E-01
16	1	3	-4.400E-13	-2.872E-12	2.195E-13	4.626E+03	4.162E+02	-5.970E+03	-4.203E-13	-2.892E-12	0.000E+00	8.852E+03	-3.809E+03	-6.159E-01
16	1	4	-4.443E-13	-2.854E-12	2.247E-13	4.638E+03	4.280E+02	-5.938E+03	-4.235E-13	-2.875E-12	0.000E+00	8.833E+03	-3.768E+03	-6.151E-01
16	1	5	-3.984E-13	-2.599E-12	2.286E-13	4.445E+03	5.593E+02	-5.630E+03	-3.749E-13	-2.623E-12	0.000E+00	8.458E+03	-3.454E+03	-6.193E-01
16	1	6	-4.027E-13	-2.581E-12	2.338E-13	4.456E+03	5.711E+02	-5.599E+03	-3.779E-13	-2.606E-12	0.000E+00	8.440E+03	-3.412E+03	-6.184E-01
16	1	7	-4.245E-13	-2.773E-12	2.112E-13	4.557E+03	4.671E+02	-5.851E+03	-4.056E-13	-2.792E-12	0.000E+00	8.710E+03	-3.686E+03	-6.173E-01
16	1	8	-4.288E-13	-2.755E-12	2.164E-13	4.569E+03	4.788E+02	-5.819E+03	-4.088E-13	-2.775E-12	0.000E+00	8.692E+03	-3.644E+03	-6.164E-01
16	1	9	4.808E-13	3.111E-12	-2.431E-13	2.115E+03	1.567E+03	3.966E+03	3.134E-12	4.586E-13	1.571E+00	5.817E+03	-2.134E+03	7.509E-01
16	1	10	4.765E-13	3.130E-12	-2.380E-13	2.127E+03	1.579E+03	3.998E+03	3.151E-12	4.554E-13	1.571E+00	5.860E+03	-2.154E+03	7.512E-01

16	1	11	4.548E-13	2.938E-12	-2.605E-13	2.228E+03	1.474E+03	3.745E+03	2.965E-12	4.278E-13	1.571E+00	5.615E+03	-1.913E+03	7.353E-01
16	1	12	4.505E-13	2.956E-12	-2.554E-13	2.239E+03	1.486E+03	3.777E+03	2.982E-12	4.247E-13	1.571E+00	5.658E+03	-1.933E+03	7.357E-01
16	1	13	4.963E-13	3.211E-12	-2.515E-13	2.046E+03	1.618E+03	4.085E+03	3.234E-12	4.732E-13	1.571E+00	5.923E+03	-2.259E+03	7.592E-01
16	1	14	4.920E-13	3.229E-12	-2.463E-13	2.058E+03	1.629E+03	4.117E+03	3.251E-12	4.700E-13	1.571E+00	5.966E+03	-2.279E+03	7.594E-01
16	1	15	4.703E-13	3.037E-12	-2.689E-13	2.159E+03	1.525E+03	3.864E+03	3.065E-12	4.424E-13	1.571E+00	5.719E+03	-2.035E+03	7.445E-01
16	1	16	4.660E-13	3.055E-12	-2.637E-13	2.170E+03	1.537E+03	3.896E+03	3.082E-12	4.394E-13	1.571E+00	5.762E+03	-2.055E+03	7.449E-01
16	2	1	-5.864E-12	-1.447E-13	3.507E-28	1.238E+04	7.054E+03	-1.308E+03	-1.447E-13	-5.864E-12	1.571E+00	1.268E+04	6.750E+03	-2.284E-01
16	2	2	-5.827E-12	-1.477E-13	3.482E-28	1.238E+04	7.019E+03	-1.309E+03	-1.477E-13	-5.827E-12	1.571E+00	1.268E+04	6.717E+03	-2.272E-01
16	2	3	-5.897E-12	-5.067E-13	3.296E-28	1.275E+04	7.273E+03	-1.231E+03	-5.067E-13	-5.897E-12	1.571E+00	1.302E+04	7.009E+03	-2.111E-01
16	2	4	-5.860E-12	-5.097E-13	3.272E-28	1.276E+04	7.237E+03	-1.232E+03	-5.097E-13	-5.860E-12	1.571E+00	1.302E+04	6.975E+03	-2.100E-01
16	2	5	-5.667E-12	-1.218E-13	3.400E-28	1.215E+04	6.939E+03	-1.355E+03	-1.218E-13	-5.667E-12	1.571E+00	1.248E+04	6.608E+03	-2.398E-01
16	2	6	-5.630E-12	-1.248E-13	3.375E-28	1.215E+04	6.904E+03	-1.355E+03	-1.248E-13	-5.630E-12	1.571E+00	1.248E+04	6.575E+03	-2.385E-01
16	2	7	-5.700E-12	-4.838E-13	3.189E-28	1.252E+04	7.158E+03	-1.278E+03	-4.838E-13	-5.700E-12	1.571E+00	1.281E+04	6.869E+03	-2.222E-01
16	2	8	-5.663E-12	-4.868E-13	3.165E-28	1.253E+04	7.122E+03	-1.278E+03	-4.868E-13	-5.663E-12	1.571E+00	1.281E+04	6.835E+03	-2.210E-01
16	2	9	5.744E-12	1.198E-12	-2.779E-28	2.446E+03	-2.129E+03	1.430E+03	5.744E-12	1.198E-12	0.000E+00	2.856E+03	-2.540E+03	2.794E-01
16	2	10	5.781E-12	1.195E-12	-2.803E-28	2.447E+03	-2.165E+03	1.430E+03	5.781E-12	1.195E-12	0.000E+00	2.855E+03	-2.572E+03	2.775E-01
16	2	11	5.711E-12	8.359E-13	-2.990E-28	2.823E+03	-1.911E+03	1.507E+03	5.711E-12	8.359E-13	0.000E+00	3.262E+03	-2.350E+03	2.835E-01
16	2	12	5.748E-12	8.329E-13	-3.014E-28	2.824E+03	-1.946E+03	1.507E+03	5.748E-12	8.329E-13	0.000E+00	3.260E+03	-2.382E+03	2.817E-01
16	2	13	5.941E-12	1.221E-12	-2.886E-28	2.216E+03	-2.244E+03	1.384E+03	5.941E-12	1.221E-12	0.000E+00	2.610E+03	-2.639E+03	2.777E-01
16	2	14	5.978E-12	1.218E-12	-2.910E-28	2.217E+03	-2.280E+03	1.383E+03	5.978E-12	1.218E-12	0.000E+00	2.608E+03	-2.671E+03	2.758E-01
16	2	15	5.909E-12	8.589E-13	-3.097E-28	2.593E+03	-2.026E+03	1.461E+03	5.909E-12	8.589E-13	0.000E+00	3.016E+03	-2.449E+03	2.820E-01
16	2	16	5.946E-12	8.559E-13	-3.121E-28	2.594E+03	-2.061E+03	1.460E+03	5.946E-12	8.559E-13	0.000E+00	3.014E+03	-2.481E+03	2.801E-01
16	3	1	-1.216E-13	-2.986E-12	-3.509E-28	5.269E+03	2.285E+03	-1.916E+03	-1.216E-13	-2.986E-12	0.000E+00	6.206E+03	1.348E+03	-4.546E-01
16	3	2	-1.208E-13	-2.969E-12	-3.490E-28	5.272E+03	2.269E+03	-1.895E+03	-1.208E-13	-2.969E-12	0.000E+00	6.189E+03	1.352E+03	-4.504E-01
16	3	3	-3.038E-13	-3.003E-12	-3.304E-28	5.452E+03	2.400E+03	-2.014E+03	-3.038E-13	-3.003E-12	0.000E+00	6.453E+03	1.399E+03	-4.612E-01
16	3	4	-3.030E-13	-2.987E-12	-3.285E-28	5.455E+03	2.384E+03	-1.993E+03	-3.030E-13	-2.987E-12	0.000E+00	6.436E+03	1.404E+03	-4.572E-01
16	3	5	-1.085E-13	-2.885E-12	-3.402E-28	5.157E+03	2.222E+03	-1.870E+03	-1.085E-13	-2.885E-12	0.000E+00	6.067E+03	1.312E+03	-4.527E-01
16	3	6	-1.076E-13	-2.868E-12	-3.383E-28	5.160E+03	2.206E+03	-1.849E+03	-1.076E-13	-2.868E-12	0.000E+00	6.050E+03	1.316E+03	-4.484E-01
16	3	7	-2.907E-13	-2.902E-12	-3.196E-28	5.340E+03	2.337E+03	-1.968E+03	-2.907E-13	-2.902E-12	0.000E+00	6.314E+03	1.363E+03	-4.595E-01
16	3	8	-2.898E-13	-2.886E-12	-3.177E-28	5.343E+03	2.321E+03	-1.947E+03	-2.898E-13	-2.886E-12	0.000E+00	6.297E+03	1.368E+03	-4.554E-01
16	3	9	6.513E-13	2.934E-12	2.793E-28	1.513E+03	-5.027E+02	3.438E+03	2.934E-12	6.513E-13	1.571E+00	4.088E+03	-3.078E+03	6.428E-01
16	3	10	6.522E-13	2.950E-12	2.812E-28	1.516E+03	-5.184E+02	3.459E+03	2.950E-12	6.522E-13	1.571E+00	4.104E+03	-3.107E+03	6.424E-01
16	3	11	4.691E-13	2.916E-12	2.998E-28	1.696E+03	-3.874E+02	3.340E+03	2.916E-12	4.691E-13	1.571E+00	4.153E+03	-2.845E+03	6.343E-01
16	3	12	4.700E-13	2.933E-12	3.018E-28	1.699E+03	-4.031E+02	3.361E+03	2.933E-12	4.700E-13	1.571E+00	4.170E+03	-2.874E+03	6.339E-01
16	3	13	6.645E-13	3.035E-12	2.901E-28	1.400E+03	-5.657E+02	3.484E+03	3.035E-12	6.645E-13	1.571E+00	4.038E+03	-3.203E+03	6.479E-01
16	3	14	6.654E-13	3.051E-12	2.920E-28	1.403E+03	-5.814E+02	3.505E+03	3.051E-12	6.654E-13	1.571E+00	4.054E+03	-3.232E+03	6.475E-01
16	3	15	4.823E-13	3.017E-12	3.106E-28	1.583E+03	-4.504E+02	3.386E+03	3.017E-12	4.823E-13	1.571E+00	4.102E+03	-2.969E+03	6.395E-01
16	3	16	4.832E-13	3.034E-12	3.125E-28	1.586E+03	-4.662E+02	3.407E+03	3.034E-12	4.832E-13	1.571E+00	4.119E+03	-2.999E+03	6.391E-01
16	4	1	-4.372E-13	2.285E-13	-4.072E-29	-2.553E+03	-3.881E+03	-2.795E+03	2.285E-13	-4.372E-13	1.571E+00	-3.444E+02	-6.090E+03	-6.687E-01
16	4	2	-4.367E-13	2.252E-13	-4.049E-29	-2.540E+03	-3.851E+03	-2.807E+03	2.252E-13	-4.367E-13	1.571E+00	-3.127E+02	-6.078E+03	-6.707E-01
16	4	3	-4.214E-13	2.040E-13	-3.834E-29	-2.643E+03	-4.071E+03	-2.734E+03	2.040E-13	-4.214E-13	1.571E+00	-5.316E+02	-6.183E+03	-6.577E-01
16	4	4	-4.210E-13	2.007E-13	-3.811E-29	-2.630E+03	-4.040E+03	-2.746E+03	2.007E-13	-4.210E-13	1.571E+00	-5.002E+02	-6.171E+03	-6.597E-01
16	4	5	-4.228E-13	2.227E-13	-3.949E-29	-2.504E+03	-3.781E+03	-2.828E+03	2.227E-13	-4.228E-13	1.571E+00	-2.435E+02	-6.042E+03	-6.743E-01

16	4	6	-4.224E-13	2.194E-13	-3.926E-29	-2.491E+03	-3.751E+03	-2.840E+03	2.194E-13	-4.224E-13	1.571E+00	-2.117E+02	-6.030E+03	-6.763E-01
16	4	7	-4.071E-13	1.982E-13	-3.710E-29	-2.594E+03	-3.971E+03	-2.767E+03	1.982E-13	-4.071E-13	1.571E+00	-4.315E+02	-6.134E+03	-6.635E-01
16	4	8	-4.066E-13	1.949E-13	-3.687E-29	-2.582E+03	-3.941E+03	-2.779E+03	1.949E-13	-4.066E-13	1.571E+00	-3.999E+02	-6.122E+03	-6.655E-01
16	4	9	3.831E-13	-1.457E-13	3.242E-29	1.199E+03	3.321E+03	2.303E+03	3.831E-13	-1.457E-13	0.000E+00	4.796E+03	-2.759E+02	1.001E+00
16	4	10	3.835E-13	-1.489E-13	3.265E-29	1.212E+03	3.352E+03	2.291E+03	3.835E-13	-1.489E-13	0.000E+00	4.811E+03	-2.467E+02	1.004E+00
16	4	11	3.988E-13	-1.702E-13	3.480E-29	1.109E+03	3.132E+03	2.364E+03	3.988E-13	-1.702E-13	0.000E+00	4.692E+03	-4.515E+02	9.875E-01
16	4	12	3.993E-13	-1.735E-13	3.503E-29	1.122E+03	3.162E+03	2.352E+03	3.993E-13	-1.735E-13	0.000E+00	4.706E+03	-4.220E+02	9.901E-01
16	4	13	3.974E-13	-1.515E-13	3.365E-29	1.248E+03	3.421E+03	2.270E+03	3.974E-13	-1.515E-13	0.000E+00	4.851E+03	-1.824E+02	1.009E+00
16	4	14	3.979E-13	-1.548E-13	3.388E-29	1.261E+03	3.452E+03	2.258E+03	3.979E-13	-1.548E-13	0.000E+00	4.866E+03	-1.534E+02	1.011E+00
16	4	15	4.132E-13	-1.760E-13	3.603E-29	1.157E+03	3.231E+03	2.331E+03	4.132E-13	-1.760E-13	0.000E+00	4.746E+03	-3.570E+02	9.947E-01
16	4	16	4.136E-13	-1.793E-13	3.626E-29	1.170E+03	3.262E+03	2.319E+03	4.136E-13	-1.793E-13	0.000E+00	4.760E+03	-3.276E+02	9.973E-01
17	1	1	4.632E-13	3.088E-12	-4.084E-13	1.603E+03	-4.425E+02	3.439E+03	3.150E-12	4.011E-13	1.571E+00	4.169E+03	-3.008E+03	6.409E-01
17	1	2	4.657E-13	3.105E-12	-4.038E-13	1.604E+03	-4.592E+02	3.461E+03	3.165E-12	4.053E-13	1.571E+00	4.184E+03	-3.039E+03	6.405E-01
17	1	3	4.921E-13	3.281E-12	-3.729E-13	1.406E+03	-5.843E+02	3.586E+03	3.330E-12	4.431E-13	1.571E+00	4.132E+03	-3.311E+03	6.501E-01
17	1	4	4.946E-13	3.298E-12	-3.683E-13	1.407E+03	-6.011E+02	3.608E+03	3.345E-12	4.470E-13	1.571E+00	4.148E+03	-3.342E+03	6.497E-01
17	1	5	4.782E-13	3.188E-12	-4.207E-13	1.491E+03	-5.053E+02	3.485E+03	3.252E-12	4.144E-13	1.571E+00	4.118E+03	-3.132E+03	6.459E-01
17	1	6	4.807E-13	3.205E-12	-4.161E-13	1.492E+03	-5.221E+02	3.507E+03	3.267E-12	4.185E-13	1.571E+00	4.133E+03	-3.163E+03	6.456E-01
17	1	7	5.071E-13	3.381E-12	-3.852E-13	1.293E+03	-6.472E+02	3.632E+03	3.431E-12	4.564E-13	1.571E+00	4.082E+03	-3.436E+03	6.549E-01
17	1	8	5.096E-13	3.397E-12	-3.806E-13	1.294E+03	-6.640E+02	3.653E+03	3.447E-12	4.603E-13	1.571E+00	4.097E+03	-3.467E+03	6.545E-01
17	1	9	-4.614E-13	-3.076E-12	3.438E-13	5.583E+03	2.499E+03	-2.196E+03	-4.169E-13	-3.120E-12	0.000E+00	6.724E+03	1.358E+03	-4.793E-01
17	1	10	-4.589E-13	-3.059E-12	3.485E-13	5.584E+03	2.483E+03	-2.174E+03	-4.130E-13	-3.105E-12	0.000E+00	6.704E+03	1.363E+03	-4.756E-01
17	1	11	-4.324E-13	-2.883E-12	3.793E-13	5.385E+03	2.358E+03	-2.049E+03	-3.751E-13	-2.940E-12	0.000E+00	6.419E+03	1.324E+03	-4.673E-01
17	1	12	-4.299E-13	-2.866E-12	3.840E-13	5.386E+03	2.341E+03	-2.028E+03	-3.709E-13	-2.925E-12	0.000E+00	6.399E+03	1.328E+03	-4.633E-01
17	1	13	-4.464E-13	-2.976E-12	3.315E-13	5.471E+03	2.437E+03	-2.150E+03	-4.036E-13	-3.019E-12	0.000E+00	6.585E+03	1.322E+03	-4.782E-01
17	1	14	-4.439E-13	-2.959E-12	3.362E-13	5.472E+03	2.420E+03	-2.128E+03	-3.997E-13	-3.003E-12	0.000E+00	6.565E+03	1.327E+03	-4.744E-01
17	1	15	-4.175E-13	-2.783E-12	3.671E-13	5.273E+03	2.295E+03	-2.004E+03	-3.618E-13	-2.839E-12	0.000E+00	6.280E+03	1.287E+03	-4.658E-01
17	1	16	-4.150E-13	-2.766E-12	3.717E-13	5.274E+03	2.278E+03	-1.982E+03	-3.576E-13	-2.824E-12	0.000E+00	6.260E+03	1.292E+03	-4.618E-01
17	2	1	-2.313E-13	4.757E-13	4.316E-29	1.188E+03	3.272E+03	2.494E+03	4.757E-13	-2.313E-13	1.571E+00	4.933E+03	-4.731E+02	9.834E-01
17	2	2	-2.309E-13	4.724E-13	4.293E-29	1.201E+03	3.305E+03	2.481E+03	4.724E-13	-2.309E-13	1.571E+00	4.948E+03	-4.418E+02	9.859E-01
17	2	3	-2.013E-13	4.464E-13	3.979E-29	1.300E+03	3.521E+03	2.416E+03	4.464E-13	-2.013E-13	1.571E+00	5.069E+03	-2.482E+02	1.001E+00
17	2	4	-2.009E-13	4.431E-13	3.956E-29	1.314E+03	3.553E+03	2.403E+03	4.431E-13	-2.009E-13	1.571E+00	5.085E+03	-2.173E+02	1.003E+00
17	2	5	-2.168E-13	4.701E-13	4.193E-29	1.236E+03	3.372E+03	2.461E+03	4.701E-13	-2.168E-13	1.571E+00	4.987E+03	-3.788E+02	9.901E-01
17	2	6	-2.164E-13	4.668E-13	4.170E-29	1.250E+03	3.404E+03	2.448E+03	4.668E-13	-2.164E-13	1.571E+00	5.002E+03	-3.477E+02	9.926E-01
17	2	7	-1.868E-13	4.408E-13	3.856E-29	1.349E+03	3.620E+03	2.383E+03	4.408E-13	-1.868E-13	1.571E+00	5.124E+03	-1.552E+02	1.008E+00
17	2	8	-1.864E-13	4.374E-13	3.833E-29	1.363E+03	3.652E+03	2.370E+03	4.374E-13	-1.864E-13	1.571E+00	5.140E+03	-1.245E+02	1.010E+00
17	2	9	1.650E-13	-3.930E-13	-3.430E-29	-2.768E+03	-4.316E+03	-2.878E+03	1.650E-13	-3.930E-13	0.000E+00	-5.624E+02	-6.522E+03	-6.540E-01
17	2	10	1.655E-13	-3.963E-13	-3.453E-29	-2.755E+03	-4.284E+03	-2.891E+03	1.655E-13	-3.963E-13	0.000E+00	-5.293E+02	-6.509E+03	-6.561E-01
17	2	11	1.950E-13	-4.224E-13	-3.767E-29	-2.656E+03	-4.068E+03	-2.956E+03	1.950E-13	-4.224E-13	0.000E+00	-3.228E+02	-6.401E+03	-6.681E-01
17	2	12	1.955E-13	-4.257E-13	-3.790E-29	-2.642E+03	-4.036E+03	-2.969E+03	1.955E-13	-4.257E-13	0.000E+00	-2.894E+02	-6.388E+03	-6.701E-01
17	2	13	1.795E-13	-3.987E-13	-3.554E-29	-2.720E+03	-4.217E+03	-2.911E+03	1.795E-13	-3.987E-13	0.000E+00	-4.631E+02	-6.474E+03	-6.595E-01
17	2	14	1.800E-13	-4.020E-13	-3.577E-29	-2.706E+03	-4.185E+03	-2.923E+03	1.800E-13	-4.020E-13	0.000E+00	-4.299E+02	-6.461E+03	-6.615E-01
17	2	15	2.095E-13	-4.280E-13	-3.890E-29	-2.607E+03	-3.969E+03	-2.989E+03	2.095E-13	-4.280E-13	0.000E+00	-2.226E+02	-6.353E+03	-6.734E-01
17	2	16	2.100E-13	-4.313E-13	-3.913E-29	-2.593E+03	-3.936E+03	-3.002E+03	2.100E-13	-4.313E-13	0.000E+00	-1.890E+02	-6.341E+03	-6.753E-01

17	3	1	3.286E-12	2.946E-13	-3.647E-28	2.034E+03	1.486E+03	3.949E+03	3.286E-12	2.946E-13	0.000E+00	5.718E+03	-2.199E+03	7.508E-01
17	3	2	3.280E-12	3.156E-13	-3.615E-28	2.044E+03	1.499E+03	3.983E+03	3.280E-12	3.156E-13	0.000E+00	5.763E+03	-2.221E+03	7.512E-01
17	3	3	3.232E-12	5.270E-13	-3.328E-28	2.174E+03	1.597E+03	4.225E+03	3.232E-12	5.270E-13	0.000E+00	6.120E+03	-2.349E+03	7.513E-01
17	3	4	3.227E-12	5.480E-13	-3.296E-28	2.184E+03	1.610E+03	4.259E+03	3.227E-12	5.480E-13	0.000E+00	6.165E+03	-2.371E+03	7.517E-01
17	3	5	3.300E-12	3.951E-13	-3.542E-28	1.964E+03	1.537E+03	4.067E+03	3.300E-12	3.951E-13	0.000E+00	5.824E+03	-2.323E+03	7.591E-01
17	3	6	3.295E-12	4.161E-13	-3.510E-28	1.975E+03	1.549E+03	4.101E+03	3.295E-12	4.161E-13	0.000E+00	5.869E+03	-2.345E+03	7.595E-01
17	3	7	3.247E-12	6.275E-13	-3.223E-28	2.105E+03	1.648E+03	4.343E+03	3.247E-12	6.275E-13	0.000E+00	6.226E+03	-2.473E+03	7.591E-01
17	3	8	3.242E-12	6.485E-13	-3.191E-28	2.115E+03	1.661E+03	4.377E+03	3.242E-12	6.485E-13	0.000E+00	6.271E+03	-2.495E+03	7.595E-01
17	3	9	-2.917E-12	-6.038E-13	2.848E-28	4.582E+03	3.780E+02	-6.291E+03	-6.038E-13	-2.917E-12	1.571E+00	9.113E+03	-4.152E+03	-6.241E-01
17	3	10	-2.923E-12	-5.828E-13	2.880E-28	4.593E+03	3.906E+02	-6.257E+03	-5.828E-13	-2.923E-12	1.571E+00	9.092E+03	-4.109E+03	-6.234E-01
17	3	11	-2.970E-12	-3.714E-13	3.167E-28	4.723E+03	4.893E+02	-6.014E+03	-3.714E-13	-2.970E-12	1.571E+00	8.982E+03	-3.770E+03	-6.162E-01
17	3	12	-2.976E-12	-3.504E-13	3.200E-28	4.733E+03	5.020E+02	-5.981E+03	-3.504E-13	-2.976E-12	1.571E+00	8.961E+03	-3.726E+03	-6.154E-01
17	3	13	-2.902E-12	-5.034E-13	2.953E-28	4.513E+03	4.286E+02	-6.172E+03	-5.034E-13	-2.902E-12	1.571E+00	8.972E+03	-4.030E+03	-6.256E-01
17	3	14	-2.908E-12	-4.824E-13	2.985E-28	4.524E+03	4.412E+02	-6.138E+03	-4.824E-13	-2.908E-12	1.571E+00	8.951E+03	-3.986E+03	-6.249E-01
17	3	15	-2.956E-12	-2.710E-13	3.272E-28	4.654E+03	5.399E+02	-5.896E+03	-2.710E-13	-2.956E-12	1.571E+00	8.841E+03	-3.648E+03	-6.176E-01
17	3	16	-2.961E-12	-2.500E-13	3.305E-28	4.664E+03	5.526E+02	-5.862E+03	-2.500E-13	-2.961E-12	1.571E+00	8.820E+03	-3.604E+03	-6.168E-01
17	4	1	3.988E-13	6.492E-12	-3.722E-28	2.578E+03	-2.102E+03	1.576E+03	6.492E-12	3.988E-13	1.571E+00	3.059E+03	-2.583E+03	2.964E-01
17	4	2	4.392E-13	6.489E-12	-3.695E-28	2.575E+03	-2.139E+03	1.574E+03	6.489E-12	4.392E-13	1.571E+00	3.053E+03	-2.616E+03	2.944E-01
17	4	3	8.581E-13	6.426E-12	-3.418E-28	2.175E+03	-2.387E+03	1.491E+03	6.426E-12	8.581E-13	1.571E+00	2.619E+03	-2.831E+03	2.895E-01
17	4	4	8.985E-13	6.423E-12	-3.392E-28	2.172E+03	-2.424E+03	1.489E+03	6.423E-12	8.985E-13	1.571E+00	2.613E+03	-2.865E+03	2.875E-01
17	4	5	5.970E-13	6.515E-12	-3.614E-28	2.347E+03	-2.216E+03	1.529E+03	6.515E-12	5.970E-13	1.571E+00	2.813E+03	-2.681E+03	2.952E-01
17	4	6	6.373E-13	6.512E-12	-3.588E-28	2.345E+03	-2.254E+03	1.528E+03	6.512E-12	6.373E-13	1.571E+00	2.806E+03	-2.715E+03	2.933E-01
17	4	7	1.056E-12	6.449E-12	-3.311E-28	1.944E+03	-2.502E+03	1.444E+03	6.449E-12	1.056E-12	1.571E+00	2.373E+03	-2.930E+03	2.881E-01
17	4	8	1.097E-12	6.446E-12	-3.284E-28	1.942E+03	-2.539E+03	1.443E+03	6.446E-12	1.097E-12	1.571E+00	2.367E+03	-2.963E+03	2.861E-01
17	4	9	-1.023E-12	-5.803E-12	2.936E-28	1.309E+04	7.588E+03	-1.308E+03	-1.023E-12	-5.803E-12	0.000E+00	1.338E+04	7.293E+03	-2.220E-01
17	4	10	-9.829E-13	-5.806E-12	2.962E-28	1.309E+04	7.551E+03	-1.310E+03	-9.829E-13	-5.806E-12	0.000E+00	1.338E+04	7.257E+03	-2.210E-01
17	4	11	-5.640E-13	-5.869E-12	3.239E-28	1.269E+04	7.303E+03	-1.393E+03	-5.640E-13	-5.869E-12	0.000E+00	1.302E+04	6.964E+03	-2.389E-01
17	4	12	-5.236E-13	-5.872E-12	3.266E-28	1.268E+04	7.266E+03	-1.395E+03	-5.236E-13	-5.872E-12	0.000E+00	1.302E+04	6.928E+03	-2.377E-01
17	4	13	-8.251E-13	-5.780E-12	3.043E-28	1.286E+04	7.474E+03	-1.355E+03	-8.251E-13	-5.780E-12	0.000E+00	1.318E+04	7.152E+03	-2.331E-01
17	4	14	-7.848E-13	-5.783E-12	3.070E-28	1.286E+04	7.436E+03	-1.356E+03	-7.848E-13	-5.783E-12	0.000E+00	1.318E+04	7.116E+03	-2.320E-01
17	4	15	-3.658E-13	-5.846E-12	3.347E-28	1.245E+04	7.188E+03	-1.440E+03	-3.658E-13	-5.846E-12	0.000E+00	1.282E+04	6.820E+03	-2.501E-01
17	4	16	-3.254E-13	-5.849E-12	3.373E-28	1.245E+04	7.151E+03	-1.441E+03	-3.254E-13	-5.849E-12	0.000E+00	1.282E+04	6.785E+03	-2.490E-01
18	1	1	-1.285E-13	-1.080E-12	-3.968E-13	3.242E+03	9.194E+03	2.021E+03	1.527E-14	-1.224E-12	0.000E+00	9.815E+03	2.621E+03	1.273E+00
18	1	2	-1.366E-13	-1.086E-12	-4.016E-13	3.261E+03	9.260E+03	2.039E+03	1.048E-14	-1.233E-12	0.000E+00	9.888E+03	2.633E+03	1.272E+00
18	1	3	-1.759E-13	-1.148E-12	-4.315E-13	3.373E+03	9.750E+03	2.168E+03	-1.191E-14	-1.312E-12	0.000E+00	1.042E+04	2.706E+03	1.272E+00
18	1	4	-1.840E-13	-1.153E-12	-4.363E-13	3.391E+03	9.816E+03	2.186E+03	-1.657E-14	-1.321E-12	0.000E+00	1.049E+04	2.718E+03	1.272E+00
18	1	5	-1.330E-13	-1.114E-12	-4.096E-13	3.206E+03	9.438E+03	2.083E+03	1.551E-14	-1.263E-12	0.000E+00	1.007E+04	2.574E+03	1.276E+00
18	1	6	-1.411E-13	-1.120E-12	-4.144E-13	3.225E+03	9.504E+03	2.101E+03	1.071E-14	-1.272E-12	0.000E+00	1.014E+04	2.586E+03	1.276E+00
18	1	7	-1.804E-13	-1.182E-12	-4.444E-13	3.337E+03	9.994E+03	2.230E+03	-1.168E-14	-1.351E-12	0.000E+00	1.067E+04	2.659E+03	1.276E+00
18	1	8	-1.886E-13	-1.188E-12	-4.492E-13	3.355E+03	1.006E+04	2.248E+03	-1.634E-14	-1.360E-12	0.000E+00	1.074E+04	2.671E+03	1.275E+00
18	1	9	1.702E-13	1.075E-12	4.062E-13	3.163E+03	-7.798E+03	-5.153E+03	1.231E-12	1.460E-14	1.571E+00	5.205E+03	-9.840E+03	-3.773E-01
18	1	10	1.621E-13	1.069E-12	4.014E-13	3.181E+03	-7.732E+03	-5.135E+03	1.221E-12	9.935E-15	1.571E+00	5.218E+03	-9.768E+03	-3.775E-01
18	1	11	1.228E-13	1.008E-12	3.715E-13	3.294E+03	-7.242E+03	-5.006E+03	1.143E-12	-1.250E-14	1.571E+00	5.293E+03	-9.242E+03	-3.800E-01

18	1	12	1.146E-13	1.002E-12	3.667E-13	3.312E+03	-7.176E+03	-4.988E+03	1.134E-12	-1.731E-14	1.571E+00	5.305E+03	-9.170E+03	-3.802E-01
18	1	13	1.657E-13	1.041E-12	3.934E-13	3.127E+03	-7.555E+03	-5.091E+03	1.192E-12	1.484E-14	1.571E+00	5.165E+03	-9.592E+03	-3.807E-01
18	1	14	1.575E-13	1.035E-12	3.886E-13	3.145E+03	-7.488E+03	-5.073E+03	1.182E-12	1.017E-14	1.571E+00	5.177E+03	-9.520E+03	-3.810E-01
18	1	15	1.182E-13	9.734E-13	3.587E-13	3.258E+03	-6.999E+03	-4.944E+03	1.104E-12	-1.226E-14	1.571E+00	5.253E+03	-8.994E+03	-3.836E-01
18	1	16	1.101E-13	9.675E-13	3.539E-13	3.276E+03	-6.933E+03	-4.926E+03	1.095E-12	-1.708E-14	1.571E+00	5.265E+03	-8.922E+03	-3.838E-01
18	2	1	-5.447E-13	1.977E-13	4.539E-29	-9.228E+02	3.150E+03	-1.815E+02	1.977E-13	-5.447E-13	1.571E+00	3.158E+03	-9.309E+02	1.615E+00
18	2	2	-5.447E-13	1.911E-13	4.498E-29	-9.269E+02	3.178E+03	-1.765E+02	1.911E-13	-5.447E-13	1.571E+00	3.186E+03	-9.345E+02	1.614E+00
18	2	3	-5.298E-13	1.455E-13	4.142E-29	-1.002E+03	3.418E+03	-1.514E+02	1.455E-13	-5.298E-13	1.571E+00	3.423E+03	-1.007E+03	1.605E+00
18	2	4	-5.297E-13	1.389E-13	4.101E-29	-1.006E+03	3.447E+03	-1.463E+02	1.389E-13	-5.297E-13	1.571E+00	3.451E+03	-1.010E+03	1.604E+00
18	2	5	-5.396E-13	1.816E-13	4.409E-29	-9.666E+02	3.277E+03	-1.778E+02	1.816E-13	-5.396E-13	1.571E+00	3.284E+03	-9.741E+02	1.613E+00
18	2	6	-5.396E-13	1.750E-13	4.368E-29	-9.707E+02	3.305E+03	-1.727E+02	1.750E-13	-5.396E-13	1.571E+00	3.312E+03	-9.777E+02	1.611E+00
18	2	7	-5.247E-13	1.294E-13	4.013E-29	-1.045E+03	3.545E+03	-1.476E+02	1.294E-13	-5.247E-13	1.571E+00	3.550E+03	-1.050E+03	1.603E+00
18	2	8	-5.246E-13	1.228E-13	3.971E-29	-1.050E+03	3.574E+03	-1.425E+02	1.228E-13	-5.246E-13	1.571E+00	3.578E+03	-1.054E+03	1.602E+00
18	2	9	4.702E-13	-1.072E-13	-3.543E-29	1.303E+03	-6.169E+03	-2.793E+03	4.702E-13	-1.072E-13	0.000E+00	2.232E+03	-7.098E+03	-3.210E-01
18	2	10	4.703E-13	-1.139E-13	-3.584E-29	1.299E+03	-6.140E+03	-2.788E+03	4.703E-13	-1.139E-13	0.000E+00	2.228E+03	-7.069E+03	-3.216E-01
18	2	11	4.852E-13	-1.594E-13	-3.940E-29	1.224E+03	-5.900E+03	-2.763E+03	4.852E-13	-1.594E-13	0.000E+00	2.170E+03	-6.846E+03	-3.299E-01
18	2	12	4.853E-13	-1.660E-13	-3.981E-29	1.220E+03	-5.872E+03	-2.758E+03	4.853E-13	-1.660E-13	0.000E+00	2.167E+03	-6.818E+03	-3.305E-01
18	2	13	4.753E-13	-1.233E-13	-3.673E-29	1.259E+03	-6.042E+03	-2.790E+03	4.753E-13	-1.233E-13	0.000E+00	2.203E+03	-6.986E+03	-3.263E-01
18	2	14	4.754E-13	-1.300E-13	-3.714E-29	1.255E+03	-6.013E+03	-2.785E+03	4.754E-13	-1.300E-13	0.000E+00	2.199E+03	-6.957E+03	-3.269E-01
18	2	15	4.903E-13	-1.755E-13	-4.069E-29	1.181E+03	-5.773E+03	-2.759E+03	4.903E-13	-1.755E-13	0.000E+00	2.143E+03	-6.735E+03	-3.354E-01
18	2	16	4.904E-13	-1.821E-13	-4.111E-29	1.176E+03	-5.745E+03	-2.754E+03	4.904E-13	-1.821E-13	0.000E+00	2.139E+03	-6.707E+03	-3.361E-01
18	3	1	-5.777E-14	-1.176E-12	-1.367E-28	2.479E+03	3.376E+03	-8.995E+02	-5.777E-14	-1.176E-12	0.000E+00	3.933E+03	1.923E+03	2.125E+00
18	3	2	-6.763E-14	-1.176E-12	-1.355E-28	2.488E+03	3.396E+03	-8.968E+02	-6.763E-14	-1.176E-12	0.000E+00	3.947E+03	1.937E+03	2.122E+00
18	3	3	-1.493E-13	-1.167E-12	-1.248E-28	2.543E+03	3.706E+03	-9.472E+02	-1.493E-13	-1.167E-12	0.000E+00	4.236E+03	2.013E+03	2.081E+00
18	3	4	-1.592E-13	-1.167E-12	-1.236E-28	2.551E+03	3.726E+03	-9.445E+02	-1.592E-13	-1.167E-12	0.000E+00	4.251E+03	2.026E+03	2.078E+00
18	3	5	-9.318E-14	-1.180E-12	-1.329E-28	2.503E+03	3.557E+03	-9.243E+02	-9.318E-14	-1.180E-12	0.000E+00	4.094E+03	1.966E+03	2.097E+00
18	3	6	-1.030E-13	-1.179E-12	-1.317E-28	2.512E+03	3.577E+03	-9.216E+02	-1.030E-13	-1.179E-12	0.000E+00	4.109E+03	1.980E+03	2.094E+00
18	3	7	-1.847E-13	-1.171E-12	-1.209E-28	2.567E+03	3.888E+03	-9.720E+02	-1.847E-13	-1.171E-12	0.000E+00	4.402E+03	2.052E+03	2.058E+00
18	3	8	-1.946E-13	-1.171E-12	-1.197E-28	2.575E+03	3.908E+03	-9.693E+02	-1.946E-13	-1.171E-12	0.000E+00	4.417E+03	2.065E+03	2.055E+00
18	3	9	1.823E-13	1.053E-12	1.068E-28	8.606E+02	-9.556E+03	-2.128E+03	1.053E-12	1.823E-13	1.571E+00	1.279E+03	-9.974E+03	-1.940E-01
18	3	10	1.724E-13	1.053E-12	1.080E-28	8.691E+02	-9.536E+03	-2.126E+03	1.053E-12	1.724E-13	1.571E+00	1.287E+03	-9.953E+03	-1.939E-01
18	3	11	9.075E-14	1.062E-12	1.188E-28	9.241E+02	-9.226E+03	-2.176E+03	1.062E-12	9.075E-14	1.571E+00	1.371E+03	-9.672E+03	-2.025E-01
18	3	12	8.089E-14	1.062E-12	1.200E-28	9.326E+02	-9.206E+03	-2.173E+03	1.062E-12	8.089E-14	1.571E+00	1.379E+03	-9.652E+03	-2.025E-01
18	3	13	1.469E-13	1.049E-12	1.107E-28	8.844E+02	-9.375E+03	-2.153E+03	1.049E-12	1.469E-13	1.571E+00	1.318E+03	-9.808E+03	-1.987E-01
18	3	14	1.370E-13	1.049E-12	1.119E-28	8.929E+02	-9.355E+03	-2.150E+03	1.049E-12	1.370E-13	1.571E+00	1.326E+03	-9.788E+03	-1.987E-01
18	3	15	5.534E-14	1.058E-12	1.226E-28	9.479E+02	-9.044E+03	-2.201E+03	1.058E-12	5.534E-14	1.571E+00	1.411E+03	-9.508E+03	-2.075E-01
18	3	16	4.548E-14	1.058E-12	1.238E-28	9.564E+02	-9.024E+03	-2.198E+03	1.058E-12	4.548E-14	1.571E+00	1.419E+03	-9.487E+03	-2.074E-01
18	4	1	-2.271E-12	1.687E-13	-1.493E-28	6.220E+03	1.091E+04	8.423E+02	1.687E-13	-2.271E-12	1.571E+00	1.106E+04	6.073E+03	1.398E+00
18	4	2	-2.272E-12	1.523E-13	-1.484E-28	6.247E+03	1.098E+04	8.501E+02	1.523E-13	-2.272E-12	1.571E+00	1.113E+04	6.099E+03	1.398E+00
18	4	3	-2.246E-12	-1.920E-15	-1.375E-28	6.382E+03	1.163E+04	9.632E+02	-1.920E-15	-2.246E-12	1.571E+00	1.180E+04	6.211E+03	1.395E+00
18	4	4	-2.247E-12	-1.827E-14	-1.366E-28	6.409E+03	1.170E+04	9.709E+02	-1.827E-14	-2.247E-12	1.571E+00	1.187E+04	6.237E+03	1.395E+00
18	4	5	-2.270E-12	1.002E-13	-1.450E-28	6.234E+03	1.127E+04	7.810E+02	1.002E-13	-2.270E-12	1.571E+00	1.139E+04	6.116E+03	1.420E+00
18	4	6	-2.271E-12	8.387E-14	-1.441E-28	6.261E+03	1.134E+04	7.887E+02	8.387E-14	-2.271E-12	1.571E+00	1.146E+04	6.142E+03	1.420E+00

18	4	7	-2.245E-12	-7.036E-14	-1.332E-28	6.396E+03	1.198E+04	9.019E+02	-7.036E-14	-2.245E-12	1.571E+00	1.213E+04	6.255E+03	1.415E+00
18	4	8	-2.246E-12	-8.671E-14	-1.323E-28	6.424E+03	1.205E+04	9.096E+02	-8.671E-14	-2.246E-12	1.571E+00	1.220E+04	6.280E+03	1.415E+00
18	4	9	2.020E-12	8.994E-14	1.183E-28	3.621E+03	-1.395E+04	2.517E+02	2.020E-12	8.994E-14	0.000E+00	3.625E+03	-1.396E+04	1.431E-02
18	4	10	2.020E-12	7.359E-14	1.192E-28	3.649E+03	-1.388E+04	2.594E+02	2.020E-12	7.359E-14	0.000E+00	3.652E+03	-1.389E+04	1.479E-02
18	4	11	2.045E-12	-8.064E-14	1.301E-28	3.784E+03	-1.324E+04	3.725E+02	2.045E-12	-8.064E-14	0.000E+00	3.792E+03	-1.325E+04	2.187E-02
18	4	12	2.044E-12	-9.699E-14	1.310E-28	3.811E+03	-1.317E+04	3.803E+02	2.044E-12	-9.699E-14	0.000E+00	3.820E+03	-1.318E+04	2.238E-02
18	4	13	2.022E-12	2.150E-14	1.226E-28	3.636E+03	-1.360E+04	1.903E+02	2.022E-12	2.150E-14	0.000E+00	3.638E+03	-1.360E+04	1.104E-02
18	4	14	2.021E-12	5.150E-15	1.235E-28	3.663E+03	-1.353E+04	1.980E+02	2.021E-12	5.150E-15	0.000E+00	3.665E+03	-1.353E+04	1.152E-02
18	4	15	2.047E-12	-1.491E-13	1.344E-28	3.798E+03	-1.288E+04	3.112E+02	2.047E-12	-1.491E-13	0.000E+00	3.804E+03	-1.289E+04	1.865E-02
18	4	16	2.046E-12	-1.654E-13	1.353E-28	3.825E+03	-1.281E+04	3.189E+02	2.046E-12	-1.654E-13	0.000E+00	3.831E+03	-1.282E+04	1.916E-02
19	1	1	7.234E-17	2.646E-17	2.431E-17	2.150E+03	2.462E+03	-7.791E+02	8.282E-17	1.598E-17	0.000E+00	3.101E+03	1.512E+03	2.257E+00
19	1	2	-6.735E-17	6.799E-18	1.947E-17	2.158E+03	2.488E+03	-7.749E+02	1.160E-17	-7.215E-17	1.571E+00	3.115E+03	1.531E+03	2.251E+00
19	1	3	7.234E-17	2.646E-17	2.431E-17	2.203E+03	2.731E+03	-7.148E+02	8.282E-17	1.598E-17	0.000E+00	3.229E+03	1.705E+03	2.179E+00
19	1	4	-6.735E-17	6.799E-18	1.947E-17	2.211E+03	2.756E+03	-7.106E+02	1.160E-17	-7.215E-17	1.571E+00	3.245E+03	1.723E+03	2.173E+00
19	1	5	6.735E-17	-6.799E-18	-1.947E-17	2.165E+03	2.596E+03	-8.115E+02	7.215E-17	-1.160E-17	0.000E+00	3.220E+03	1.541E+03	2.227E+00
19	1	6	-7.234E-17	-2.646E-17	-2.431E-17	2.173E+03	2.622E+03	-8.072E+02	-1.598E-17	-8.282E-17	1.571E+00	3.235E+03	1.560E+03	2.221E+00
19	1	7	6.735E-17	-6.799E-18	-1.947E-17	2.218E+03	2.864E+03	-7.472E+02	7.215E-17	-1.160E-17	0.000E+00	3.355E+03	1.727E+03	2.152E+00
19	1	8	-7.234E-17	-2.646E-17	-2.431E-17	2.226E+03	2.890E+03	-7.429E+02	-1.598E-17	-8.282E-17	1.571E+00	3.372E+03	1.744E+03	2.146E+00
19	1	9	7.234E-17	2.646E-17	2.431E-17	1.197E+03	-7.439E+03	-1.276E+03	8.282E-17	1.598E-17	0.000E+00	1.382E+03	-7.623E+03	-1.436E-01
19	1	10	-6.735E-17	6.799E-18	1.947E-17	1.205E+03	-7.413E+03	-1.271E+03	1.160E-17	-7.215E-17	1.571E+00	1.389E+03	-7.597E+03	-1.434E-01
19	1	11	7.234E-17	2.646E-17	2.431E-17	1.250E+03	-7.171E+03	-1.211E+03	8.282E-17	1.598E-17	0.000E+00	1.421E+03	-7.341E+03	-1.401E-01
19	1	12	-6.735E-17	6.799E-18	1.947E-17	1.258E+03	-7.145E+03	-1.207E+03	1.160E-17	-7.215E-17	1.571E+00	1.428E+03	-7.315E+03	-1.399E-01
19	1	13	6.735E-17	-6.799E-18	-1.947E-17	1.212E+03	-7.305E+03	-1.308E+03	7.215E-17	-1.160E-17	0.000E+00	1.409E+03	-7.502E+03	-1.490E-01
19	1	14	-7.234E-17	-2.646E-17	-2.431E-17	1.220E+03	-7.280E+03	-1.304E+03	-1.598E-17	-8.282E-17	1.571E+00	1.416E+03	-7.475E+03	-1.488E-01
19	1	15	6.735E-17	-6.799E-18	-1.947E-17	1.265E+03	-7.037E+03	-1.244E+03	7.215E-17	-1.160E-17	0.000E+00	1.447E+03	-7.220E+03	-1.455E-01
19	1	16	-7.234E-17	-2.646E-17	-2.431E-17	1.273E+03	-7.012E+03	-1.239E+03	-1.598E-17	-8.282E-17	1.571E+00	1.455E+03	-7.193E+03	-1.454E-01
19	2	1	-3.542E-18	1.001E-16	6.345E-33	6.665E+02	1.590E+03	-8.452E+02	1.001E-16	-3.542E-18	1.571E+00	2.091E+03	1.650E+02	2.106E+00
19	2	2	-2.403E-17	-3.724E-17	-8.090E-34	6.698E+02	1.603E+03	-8.444E+02	-2.403E-17	-3.724E-17	0.000E+00	2.101E+03	1.716E+02	2.104E+00
19	2	3	-3.542E-18	1.001E-16	6.345E-33	6.863E+02	1.805E+03	-8.897E+02	1.001E-16	-3.542E-18	1.571E+00	2.296E+03	1.947E+02	2.076E+00
19	2	4	-2.403E-17	-3.724E-17	-8.090E-34	6.896E+02	1.818E+03	-8.889E+02	-2.403E-17	-3.724E-17	0.000E+00	2.306E+03	2.010E+02	2.073E+00
19	2	5	2.403E-17	3.724E-17	8.091E-34	6.691E+02	1.707E+03	-8.701E+02	3.724E-17	2.403E-17	1.571E+00	2.201E+03	1.750E+02	2.087E+00
19	2	6	3.542E-18	-1.001E-16	-6.345E-33	6.724E+02	1.721E+03	-8.693E+02	3.542E-18	-1.001E-16	0.000E+00	2.212E+03	1.814E+02	2.085E+00
19	2	7	2.403E-17	3.724E-17	8.091E-34	6.889E+02	1.922E+03	-9.146E+02	3.724E-17	2.403E-17	1.571E+00	2.409E+03	2.026E+02	2.060E+00
19	2	8	3.542E-18	-1.001E-16	-6.345E-33	6.922E+02	1.936E+03	-9.138E+02	3.542E-18	-1.001E-16	0.000E+00	2.419E+03	2.087E+02	2.057E+00
19	2	9	-3.542E-18	1.001E-16	6.345E-33	6.604E+02	-6.113E+03	-1.518E+03	1.001E-16	-3.542E-18	1.571E+00	9.851E+02	-6.438E+03	-2.107E-01
19	2	10	-2.403E-17	-3.724E-17	-8.090E-34	6.637E+02	-6.100E+03	-1.517E+03	-2.403E-17	-3.724E-17	0.000E+00	9.885E+02	-6.425E+03	-2.109E-01
19	2	11	-3.542E-18	1.001E-16	6.345E-33	6.802E+02	-5.898E+03	-1.563E+03	1.001E-16	-3.542E-18	1.571E+00	1.033E+03	-6.250E+03	-2.218E-01
19	2	12	-2.403E-17	-3.724E-17	-8.090E-34	6.836E+02	-5.885E+03	-1.562E+03	-2.403E-17	-3.724E-17	0.000E+00	1.036E+03	-6.237E+03	-2.220E-01
19	2	13	2.403E-17	3.724E-17	8.091E-34	6.630E+02	-5.995E+03	-1.543E+03	3.724E-17	2.403E-17	1.571E+00	1.003E+03	-6.336E+03	-2.170E-01
19	2	14	3.542E-18	-1.001E-16	-6.345E-33	6.663E+02	-5.982E+03	-1.542E+03	3.542E-18	-1.001E-16	0.000E+00	1.007E+03	-6.322E+03	-2.172E-01
19	2	15	2.403E-17	3.724E-17	8.091E-34	6.828E+02	-5.780E+03	-1.588E+03	3.724E-17	2.403E-17	1.571E+00	1.052E+03	-6.149E+03	-2.283E-01
19	2	16	3.542E-18	-1.001E-16	-6.345E-33	6.861E+02	-5.767E+03	-1.587E+03	3.542E-18	-1.001E-16	0.000E+00	1.055E+03	-6.136E+03	-2.285E-01
19	3	1	9.981E-17	-2.545E-18	-1.253E-32	1.218E+03	1.511E+02	-6.164E+02	9.981E-17	-2.545E-18	0.000E+00	1.499E+03	-1.306E+02	-4.288E-01

19	3	2	-3.517E-17	-2.384E-17	1.387E-33	1.222E+03	1.563E+02	-6.151E+02	-2.384E-17	-3.517E-17	1.571E+00	1.503E+03	-1.247E+02	-4.286E-01
19	3	3	9.981E-17	-2.545E-18	-1.253E-32	1.271E+03	2.794E+02	-6.746E+02	9.981E-17	-2.545E-18	0.000E+00	1.612E+03	-6.207E+01	-4.685E-01
19	3	4	-3.517E-17	-2.384E-17	1.387E-33	1.275E+03	2.846E+02	-6.734E+02	-2.384E-17	-3.517E-17	1.571E+00	1.616E+03	-5.613E+01	-4.684E-01
19	3	5	3.517E-17	2.384E-17	-1.387E-33	1.246E+03	2.236E+02	-6.489E+02	3.517E-17	2.384E-17	0.000E+00	1.561E+03	-9.131E+01	-4.518E-01
19	3	6	-9.981E-17	2.545E-18	1.253E-32	1.250E+03	2.288E+02	-6.476E+02	2.545E-18	-9.981E-17	1.571E+00	1.564E+03	-8.538E+01	-4.517E-01
19	3	7	3.517E-17	2.384E-17	-1.387E-33	1.299E+03	3.518E+02	-7.071E+02	3.517E-17	2.384E-17	0.000E+00	1.676E+03	-2.567E+01	-4.904E-01
19	3	8	-9.981E-17	2.545E-18	1.253E-32	1.303E+03	3.570E+02	-7.059E+02	2.545E-18	-9.981E-17	1.571E+00	1.680E+03	-1.972E+01	-4.902E-01
19	3	9	9.981E-17	-2.545E-18	-1.253E-32	3.527E+02	-4.537E+03	-6.890E+02	9.981E-17	-2.545E-18	0.000E+00	4.479E+02	-4.632E+03	-1.373E-01
19	3	10	-3.517E-17	-2.384E-17	1.387E-33	3.567E+02	-4.532E+03	-6.877E+02	-2.384E-17	-3.517E-17	1.571E+00	4.516E+02	-4.627E+03	-1.371E-01
19	3	11	9.981E-17	-2.545E-18	-1.253E-32	4.059E+02	-4.409E+03	-7.472E+02	9.981E-17	-2.545E-18	0.000E+00	5.192E+02	-4.522E+03	-1.505E-01
19	3	12	-3.517E-17	-2.384E-17	1.387E-33	4.099E+02	-4.403E+03	-7.460E+02	-2.384E-17	-3.517E-17	1.571E+00	5.229E+02	-4.516E+03	-1.503E-01
19	3	13	3.517E-17	2.384E-17	-1.387E-33	3.808E+02	-4.464E+03	-7.215E+02	3.517E-17	2.384E-17	0.000E+00	4.859E+02	-4.570E+03	-1.447E-01
19	3	14	-9.981E-17	2.545E-18	1.253E-32	3.848E+02	-4.459E+03	-7.203E+02	2.545E-18	-9.981E-17	1.571E+00	4.896E+02	-4.564E+03	-1.445E-01
19	3	15	3.517E-17	2.384E-17	-1.387E-33	4.340E+02	-4.336E+03	-7.798E+02	3.517E-17	2.384E-17	0.000E+00	5.582E+02	-4.460E+03	-1.580E-01
19	3	16	-9.981E-17	2.545E-18	1.253E-32	4.380E+02	-4.331E+03	-7.785E+02	2.545E-18	-9.981E-17	1.571E+00	5.619E+02	-4.455E+03	-1.578E-01
19	4	1	-2.763E-18	1.023E-16	-6.432E-33	2.644E+03	1.272E+03	3.662E+02	1.023E-16	-2.763E-18	1.571E+00	2.735E+03	1.180E+03	2.452E-01
19	4	2	-2.300E-17	-3.528E-17	7.518E-34	2.651E+03	1.294E+03	3.679E+02	-2.300E-17	-3.528E-17	0.000E+00	2.745E+03	1.200E+03	2.483E-01
19	4	3	-2.763E-18	1.023E-16	-6.432E-33	2.716E+03	1.506E+03	2.805E+02	1.023E-16	-2.763E-18	1.571E+00	2.778E+03	1.444E+03	2.171E-01
19	4	4	-2.300E-17	-3.528E-17	7.518E-34	2.724E+03	1.527E+03	2.822E+02	-2.300E-17	-3.528E-17	0.000E+00	2.787E+03	1.464E+03	2.204E-01
19	4	5	2.300E-17	3.528E-17	-7.518E-34	2.677E+03	1.390E+03	3.182E+02	3.528E-17	2.300E-17	1.571E+00	2.752E+03	1.315E+03	2.295E-01
19	4	6	2.763E-18	-1.023E-16	6.432E-33	2.685E+03	1.411E+03	3.199E+02	2.763E-18	-1.023E-16	0.000E+00	2.761E+03	1.336E+03	2.328E-01
19	4	7	2.300E-17	3.528E-17	-7.518E-34	2.749E+03	1.624E+03	2.325E+02	3.528E-17	2.300E-17	1.571E+00	2.796E+03	1.578E+03	1.958E-01
19	4	8	2.763E-18	-1.023E-16	6.432E-33	2.757E+03	1.645E+03	2.341E+02	2.763E-18	-1.023E-16	0.000E+00	2.804E+03	1.598E+03	1.993E-01
19	4	9	-2.763E-18	1.023E-16	-6.432E-33	1.301E+03	-7.602E+03	3.054E+02	1.023E-16	-2.763E-18	1.571E+00	1.312E+03	-7.613E+03	3.425E-02
19	4	10	-2.300E-17	-3.528E-17	7.518E-34	1.309E+03	-7.580E+03	3.071E+02	-2.300E-17	-3.528E-17	0.000E+00	1.320E+03	-7.591E+03	3.449E-02
19	4	11	-2.763E-18	1.023E-16	-6.432E-33	1.373E+03	-7.368E+03	2.197E+02	1.023E-16	-2.763E-18	1.571E+00	1.379E+03	-7.374E+03	2.511E-02
19	4	12	-2.300E-17	-3.528E-17	7.518E-34	1.381E+03	-7.347E+03	2.214E+02	-2.300E-17	-3.528E-17	0.000E+00	1.387E+03	-7.352E+03	2.534E-02
19	4	13	2.300E-17	3.528E-17	-7.518E-34	1.335E+03	-7.484E+03	2.574E+02	3.528E-17	2.300E-17	1.571E+00	1.342E+03	-7.492E+03	2.916E-02
19	4	14	2.763E-18	-1.023E-16	6.432E-33	1.343E+03	-7.463E+03	2.591E+02	2.763E-18	-1.023E-16	0.000E+00	1.350E+03	-7.470E+03	2.939E-02
19	4	15	2.300E-17	3.528E-17	-7.518E-34	1.407E+03	-7.250E+03	1.717E+02	3.528E-17	2.300E-17	1.571E+00	1.410E+03	-7.254E+03	1.982E-02
19	4	16	2.763E-18	-1.023E-16	6.432E-33	1.415E+03	-7.229E+03	1.734E+02	2.763E-18	-1.023E-16	0.000E+00	1.418E+03	-7.232E+03	2.005E-02
20	1	1	9.482E-17	1.936E-16	4.794E-17	1.166E+03	2.198E+02	-3.753E+02	2.131E-16	7.538E-17	1.571E+00	1.297E+03	8.909E+01	-3.352E-01
20	1	2	-3.726E-17	1.901E-16	-1.302E-17	1.170E+03	2.261E+02	-3.738E+02	1.908E-16	-3.800E-17	1.571E+00	1.300E+03	9.598E+01	-3.350E-01
20	1	3	9.482E-17	1.936E-16	4.794E-17	1.210E+03	3.036E+02	-4.255E+02	2.131E-16	7.538E-17	1.571E+00	1.378E+03	1.352E+02	-3.770E-01
20	1	4	-3.726E-17	1.901E-16	-1.302E-17	1.214E+03	3.099E+02	-4.241E+02	1.908E-16	-3.800E-17	1.571E+00	1.381E+03	1.421E+02	-3.769E-01
20	1	5	3.726E-17	-1.901E-16	1.302E-17	1.189E+03	2.645E+02	-4.030E+02	3.800E-17	-1.908E-16	0.000E+00	1.340E+03	1.135E+02	-3.586E-01
20	1	6	-9.482E-17	-1.936E-16	-4.794E-17	1.192E+03	2.708E+02	-4.016E+02	-7.538E-17	-2.131E-16	0.000E+00	1.343E+03	1.204E+02	-3.584E-01
20	1	7	3.726E-17	-1.901E-16	1.302E-17	1.232E+03	3.483E+02	-4.533E+02	3.800E-17	-1.908E-16	0.000E+00	1.423E+03	1.572E+02	-3.990E-01
20	1	8	-9.482E-17	-1.936E-16	-4.794E-17	1.236E+03	3.546E+02	-4.518E+02	-7.538E-17	-2.131E-16	0.000E+00	1.426E+03	1.641E+02	-3.990E-01
20	1	9	9.482E-17	1.936E-16	4.794E-17	7.413E+02	-2.645E+03	-4.525E+02	2.131E-16	7.538E-17	1.571E+00	8.007E+02	-2.705E+03	-1.306E-01
20	1	10	-3.726E-17	1.901E-16	-1.302E-17	7.449E+02	-2.639E+03	-4.510E+02	1.908E-16	-3.800E-17	1.571E+00	8.040E+02	-2.698E+03	-1.303E-01
20	1	11	9.482E-17	1.936E-16	4.794E-17	7.849E+02	-2.561E+03	-5.027E+02	2.131E-16	7.538E-17	1.571E+00	8.588E+02	-2.635E+03	-1.459E-01
20	1	12	-3.726E-17	1.901E-16	-1.302E-17	7.886E+02	-2.555E+03	-5.013E+02	1.908E-16	-3.800E-17	1.571E+00	8.621E+02	-2.629E+03	-1.457E-01

20	1	13	3.726E-17	-1.901E-16	1.302E-17	7.637E+02	-2.601E+03	-4.802E+02	3.800E-17	-1.908E-16	0.000E+00	8.309E+02	-2.668E+03	-1.390E-01
20	1	14	-9.482E-17	-1.936E-16	-4.794E-17	7.673E+02	-2.594E+03	-4.788E+02	-7.538E-17	-2.131E-16	0.000E+00	8.342E+02	-2.661E+03	-1.388E-01
20	1	15	3.726E-17	-1.901E-16	1.302E-17	8.073E+02	-2.517E+03	-5.305E+02	3.800E-17	-1.908E-16	0.000E+00	8.899E+02	-2.599E+03	-1.545E-01
20	1	16	-9.482E-17	-1.936E-16	-4.794E-17	8.110E+02	-2.510E+03	-5.290E+02	-7.538E-17	-2.131E-16	0.000E+00	8.932E+02	-2.593E+03	-1.542E-01
20	2	1	2.846E-17	2.330E-16	1.253E-32	4.796E+02	2.571E+02	-3.627E+02	2.330E-16	2.846E-17	1.571E+00	7.477E+02	-1.101E+01	-6.366E-01
20	2	2	3.040E-17	1.149E-16	5.174E-33	4.819E+02	2.592E+02	-3.622E+02	1.149E-16	3.040E-17	1.571E+00	7.495E+02	-8.364E+00	-6.363E-01
20	2	3	2.846E-17	2.330E-16	1.253E-32	5.037E+02	3.241E+02	-3.927E+02	2.330E-16	2.846E-17	1.571E+00	8.167E+02	1.108E+01	-6.730E-01
20	2	4	3.040E-17	1.149E-16	5.174E-33	5.060E+02	3.262E+02	-3.922E+02	1.149E-16	3.040E-17	1.571E+00	8.184E+02	1.374E+01	-6.727E-01
20	2	5	-3.040E-17	-1.149E-16	-5.174E-33	4.915E+02	2.952E+02	-3.795E+02	-3.040E-17	-1.149E-16	0.000E+00	7.853E+02	1.322E+00	-6.589E-01
20	2	6	-2.846E-17	-2.330E-16	-1.253E-32	4.938E+02	2.973E+02	-3.790E+02	-2.846E-17	-2.330E-16	0.000E+00	7.871E+02	3.978E+00	-6.586E-01
20	2	7	-3.040E-17	-1.149E-16	-5.174E-33	5.156E+02	3.622E+02	-4.095E+02	-3.040E-17	-1.149E-16	0.000E+00	8.555E+02	2.224E+01	-6.928E-01
20	2	8	-2.846E-17	-2.330E-16	-1.253E-32	5.179E+02	3.643E+02	-4.090E+02	-2.846E-17	-2.330E-16	0.000E+00	8.573E+02	2.491E+01	-6.926E-01
20	2	9	2.846E-17	2.330E-16	1.253E-32	9.409E+01	-1.373E+03	-7.344E+02	2.330E-16	2.846E-17	1.571E+00	3.985E+02	-1.677E+03	-3.930E-01
20	2	10	3.040E-17	1.149E-16	5.174E-33	9.640E+01	-1.371E+03	-7.339E+02	1.149E-16	3.040E-17	1.571E+00	4.004E+02	-1.675E+03	-3.928E-01
20	2	11	2.846E-17	2.330E-16	1.253E-32	1.182E+02	-1.306E+03	-7.643E+02	2.330E-16	2.846E-17	1.571E+00	4.507E+02	-1.639E+03	-4.104E-01
20	2	12	3.040E-17	1.149E-16	5.174E-33	1.205E+02	-1.304E+03	-7.639E+02	1.149E-16	3.040E-17	1.571E+00	4.527E+02	-1.636E+03	-4.102E-01
20	2	13	-3.040E-17	-1.149E-16	-5.174E-33	1.060E+02	-1.335E+03	-7.512E+02	-3.040E-17	-1.149E-16	0.000E+00	4.264E+02	-1.655E+03	-4.031E-01
20	2	14	-2.846E-17	-2.330E-16	-1.253E-32	1.083E+02	-1.333E+03	-7.507E+02	-2.846E-17	-2.330E-16	0.000E+00	4.283E+02	-1.653E+03	-4.029E-01
20	2	15	-3.040E-17	-1.149E-16	-5.174E-33	1.301E+02	-1.268E+03	-7.812E+02	-3.040E-17	-1.149E-16	0.000E+00	4.794E+02	-1.617E+03	-4.204E-01
20	2	16	-2.846E-17	-2.330E-16	-1.253E-32	1.324E+02	-1.266E+03	-7.807E+02	-2.846E-17	-2.330E-16	0.000E+00	4.813E+02	-1.615E+03	-4.202E-01
20	3	1	2.497E-16	1.936E-17	-2.821E-32	7.887E+02	-1.497E+02	-2.096E+02	2.497E-16	1.936E-17	0.000E+00	8.334E+02	-1.944E+02	-2.101E-01
20	3	2	1.366E-16	3.565E-17	-1.236E-32	7.915E+02	-1.497E+02	-2.091E+02	1.366E-16	3.565E-17	0.000E+00	8.359E+02	-1.940E+02	-2.091E-01
20	3	3	2.497E-16	1.936E-17	-2.821E-32	8.467E+02	-1.322E+02	-2.506E+02	2.497E-16	1.936E-17	0.000E+00	9.071E+02	-1.926E+02	-2.366E-01
20	3	4	1.366E-16	3.565E-17	-1.236E-32	8.495E+02	-1.322E+02	-2.500E+02	1.366E-16	3.565E-17	0.000E+00	9.095E+02	-1.922E+02	-2.356E-01
20	3	5	-1.366E-16	-3.565E-17	1.236E-32	8.210E+02	-1.397E+02	-2.327E+02	-3.565E-17	-1.366E-16	1.571E+00	8.744E+02	-1.931E+02	-2.256E-01
20	3	6	-2.497E-16	-1.936E-17	2.821E-32	8.239E+02	-1.397E+02	-2.322E+02	-1.936E-17	-2.497E-16	1.571E+00	8.769E+02	-1.927E+02	-2.246E-01
20	3	7	-1.366E-16	-3.565E-17	1.236E-32	8.790E+02	-1.223E+02	-2.737E+02	-3.565E-17	-1.366E-16	1.571E+00	9.490E+02	-1.922E+02	-2.501E-01
20	3	8	-2.497E-16	-1.936E-17	2.821E-32	8.819E+02	-1.222E+02	-2.731E+02	-1.936E-17	-2.497E-16	1.571E+00	9.514E+02	-1.917E+02	-2.491E-01
20	3	9	2.497E-16	1.936E-17	-2.821E-32	4.500E+02	-5.088E+02	-2.815E+02	2.497E-16	1.936E-17	0.000E+00	5.266E+02	-5.853E+02	-2.655E-01
20	3	10	1.366E-16	3.565E-17	-1.236E-32	4.529E+02	-5.087E+02	-2.810E+02	1.366E-16	3.565E-17	0.000E+00	5.289E+02	-5.848E+02	-2.644E-01
20	3	11	2.497E-16	1.936E-17	-2.821E-32	5.080E+02	-4.913E+02	-3.224E+02	2.497E-16	1.936E-17	0.000E+00	6.030E+02	-5.863E+02	-2.865E-01
20	3	12	1.366E-16	3.565E-17	-1.236E-32	5.109E+02	-4.913E+02	-3.219E+02	1.366E-16	3.565E-17	0.000E+00	6.054E+02	-5.858E+02	-2.855E-01
20	3	13	-1.366E-16	-3.565E-17	1.236E-32	4.824E+02	-4.988E+02	-3.046E+02	-3.565E-17	-1.366E-16	1.571E+00	5.693E+02	-5.857E+02	-2.778E-01
20	3	14	-2.497E-16	-1.936E-17	2.821E-32	4.852E+02	-4.988E+02	-3.041E+02	-1.936E-17	-2.497E-16	1.571E+00	5.716E+02	-5.851E+02	-2.768E-01
20	3	15	-1.366E-16	-3.565E-17	1.236E-32	5.404E+02	-4.813E+02	-3.455E+02	-3.565E-17	-1.366E-16	1.571E+00	6.463E+02	-5.872E+02	-2.974E-01
20	3	16	-2.497E-16	-1.936E-17	2.821E-32	5.432E+02	-4.813E+02	-3.450E+02	-1.936E-17	-2.497E-16	1.571E+00	6.486E+02	-5.866E+02	-2.964E-01
20	4	1	8.644E-18	2.874E-16	-1.707E-32	1.484E+03	-2.230E+02	-2.846E+01	2.874E-16	8.644E-18	1.571E+00	1.484E+03	-2.235E+02	-1.667E-02
20	4	2	4.131E-17	1.385E-16	-5.950E-33	1.488E+03	-2.185E+02	-2.812E+01	1.385E-16	4.131E-17	1.571E+00	1.488E+03	-2.189E+02	-1.647E-02
20	4	3	8.644E-18	2.874E-16	-1.707E-32	1.558E+03	-1.742E+02	-8.587E+01	2.874E-16	8.644E-18	1.571E+00	1.562E+03	-1.784E+02	-4.941E-02
20	4	4	4.131E-17	1.385E-16	-5.950E-33	1.562E+03	-1.696E+02	-8.553E+01	1.385E-16	4.131E-17	1.571E+00	1.566E+03	-1.738E+02	-4.923E-02
20	4	5	-4.131E-17	-1.385E-16	5.950E-33	1.525E+03	-1.983E+02	-6.112E+01	-4.131E-17	-1.385E-16	0.000E+00	1.527E+03	-2.005E+02	-3.541E-02
20	4	6	-8.644E-18	-2.874E-16	1.707E-32	1.529E+03	-1.938E+02	-6.078E+01	-8.644E-18	-2.874E-16	0.000E+00	1.531E+03	-1.959E+02	-3.523E-02
20	4	7	-4.131E-17	-1.385E-16	5.950E-33	1.599E+03	-1.495E+02	-1.185E+02	-4.131E-17	-1.385E-16	0.000E+00	1.607E+03	-1.575E+02	-6.738E-02

20	4	8	-8.644E-18	-2.874E-16	1.707E-32	1.603E+03	-1.450E+02	-1.182E+02	-8.644E-18	-2.874E-16	0.000E+00	1.611E+03	-1.529E+02	-6.720E-02
20	4	9	8.644E-18	2.874E-16	-1.707E-32	1.118E+03	-1.868E+03	-9.308E+01	2.874E-16	8.644E-18	1.571E+00	1.121E+03	-1.871E+03	-3.113E-02
20	4	10	4.131E-17	1.385E-16	-5.950E-33	1.122E+03	-1.864E+03	-9.274E+01	1.385E-16	4.131E-17	1.571E+00	1.125E+03	-1.867E+03	-3.102E-02
20	4	11	8.644E-18	2.874E-16	-1.707E-32	1.192E+03	-1.820E+03	-1.505E+02	2.874E-16	8.644E-18	1.571E+00	1.200E+03	-1.827E+03	-4.981E-02
20	4	12	4.131E-17	1.385E-16	-5.950E-33	1.196E+03	-1.815E+03	-1.502E+02	1.385E-16	4.131E-17	1.571E+00	1.204E+03	-1.822E+03	-4.970E-02
20	4	13	-4.131E-17	-1.385E-16	5.950E-33	1.159E+03	-1.844E+03	-1.257E+02	-4.131E-17	-1.385E-16	0.000E+00	1.164E+03	-1.849E+03	-4.178E-02
20	4	14	-8.644E-18	-2.874E-16	1.707E-32	1.163E+03	-1.839E+03	-1.254E+02	-8.644E-18	-2.874E-16	0.000E+00	1.168E+03	-1.844E+03	-4.168E-02
20	4	15	-4.131E-17	-1.385E-16	5.950E-33	1.233E+03	-1.795E+03	-1.832E+02	-4.131E-17	-1.385E-16	0.000E+00	1.244E+03	-1.806E+03	-6.020E-02
20	4	16	-8.644E-18	-2.874E-16	1.707E-32	1.237E+03	-1.790E+03	-1.828E+02	-8.644E-18	-2.874E-16	0.000E+00	1.248E+03	-1.801E+03	-6.009E-02
21	1	1	4.613E-13	3.075E-12	2.764E-13	-2.969E+01	2.020E+01	-2.848E+03	3.104E-12	4.324E-13	1.571E+00	2.844E+03	-2.853E+03	2.352E+00
21	1	2	4.644E-13	3.096E-12	2.852E-13	-8.126E+01	-8.978E+00	-2.884E+03	3.127E-12	4.338E-13	1.571E+00	2.839E+03	-2.929E+03	2.350E+00
21	1	3	4.918E-13	3.278E-12	3.282E-13	-3.618E+02	-2.499E+02	-3.305E+03	3.316E-12	4.536E-13	1.571E+00	3.000E+03	-3.611E+03	2.348E+00
21	1	4	4.948E-13	3.299E-12	3.370E-13	-4.134E+02	-2.791E+02	-3.341E+03	3.339E-12	4.549E-13	1.571E+00	2.995E+03	-3.687E+03	2.346E+00
21	1	5	4.762E-13	3.174E-12	2.857E-13	-1.225E+02	-1.071E+02	-3.090E+03	3.204E-12	4.463E-13	1.571E+00	2.975E+03	-3.205E+03	2.355E+00
21	1	6	4.793E-13	3.195E-12	2.945E-13	-1.741E+02	-1.363E+02	-3.125E+03	3.227E-12	4.477E-13	1.571E+00	2.970E+03	-3.281E+03	2.353E+00
21	1	7	5.066E-13	3.377E-12	3.375E-13	-4.546E+02	-3.772E+02	-3.546E+03	3.417E-12	4.675E-13	1.571E+00	3.131E+03	-3.963E+03	2.351E+00
21	1	8	5.097E-13	3.398E-12	3.463E-13	-5.062E+02	-4.064E+02	-3.582E+03	3.439E-12	4.687E-13	1.571E+00	3.126E+03	-4.039E+03	2.349E+00
21	1	9	-4.613E-13	-3.076E-12	-3.129E-13	3.582E+02	-5.733E+02	2.539E+03	-4.244E-13	-3.112E-12	0.000E+00	2.474E+03	-2.689E+03	6.947E-01
21	1	10	-4.583E-13	-3.055E-12	-3.041E-13	3.067E+02	-6.025E+02	2.504E+03	-4.231E-13	-3.090E-12	0.000E+00	2.397E+03	-2.693E+03	6.956E-01
21	1	11	-4.309E-13	-2.873E-12	-2.611E-13	2.611E+01	-8.434E+02	2.083E+03	-4.033E-13	-2.900E-12	0.000E+00	1.719E+03	-2.536E+03	6.825E-01
21	1	12	-4.278E-13	-2.852E-12	-2.523E-13	-2.546E+01	-8.726E+02	2.047E+03	-4.018E-13	-2.878E-12	0.000E+00	1.642E+03	-2.540E+03	6.834E-01
21	1	13	-4.465E-13	-2.976E-12	-3.036E-13	2.654E+02	-7.006E+02	2.298E+03	-4.106E-13	-3.012E-12	0.000E+00	2.131E+03	-2.566E+03	6.818E-01
21	1	14	-4.434E-13	-2.956E-12	-2.948E-13	2.138E+02	-7.297E+02	2.262E+03	-4.093E-13	-2.990E-12	0.000E+00	2.053E+03	-2.569E+03	6.826E-01
21	1	15	-4.160E-13	-2.774E-12	-2.518E-13	-6.672E+01	-9.707E+02	1.841E+03	-3.894E-13	-2.800E-12	0.000E+00	1.377E+03	-2.415E+03	6.650E-01
21	1	16	-4.130E-13	-2.753E-12	-2.430E-13	-1.183E+02	-9.999E+02	1.806E+03	-3.880E-13	-2.778E-12	0.000E+00	1.300E+03	-2.418E+03	6.657E-01
21	2	1	4.585E-13	6.477E-12	3.677E-28	1.093E+03	-3.531E+03	1.907E+03	6.477E-12	4.585E-13	1.571E+00	1.778E+03	-4.216E+03	3.449E-01
21	2	2	5.027E-13	6.479E-12	3.651E-28	1.008E+03	-3.536E+03	1.882E+03	6.479E-12	5.027E-13	1.571E+00	1.686E+03	-4.214E+03	3.459E-01
21	2	3	9.294E-13	6.430E-12	3.377E-28	5.457E+02	-3.737E+03	1.594E+03	6.430E-12	9.294E-13	1.571E+00	1.074E+03	-4.265E+03	3.199E-01
21	2	4	9.736E-13	6.432E-12	3.350E-28	4.609E+02	-3.742E+03	1.569E+03	6.432E-12	9.736E-13	1.571E+00	9.818E+02	-4.263E+03	3.206E-01
21	2	5	6.565E-13	6.502E-12	3.571E-28	9.389E+02	-3.648E+03	1.743E+03	6.502E-12	6.565E-13	1.571E+00	1.526E+03	-4.235E+03	3.249E-01
21	2	6	7.007E-13	6.503E-12	3.545E-28	8.541E+02	-3.653E+03	1.717E+03	6.503E-12	7.007E-13	1.571E+00	1.434E+03	-4.233E+03	3.256E-01
21	2	7	1.127E-12	6.455E-12	3.271E-28	3.917E+02	-3.855E+03	1.429E+03	6.455E-12	1.127E-12	1.571E+00	8.281E+02	-4.291E+03	2.963E-01
21	2	8	1.172E-12	6.457E-12	3.244E-28	3.069E+02	-3.859E+03	1.404E+03	6.457E-12	1.172E-12	1.571E+00	7.359E+02	-4.288E+03	2.965E-01
21	2	9	-1.090E-12	-5.813E-12	-2.900E-28	9.068E+03	2.276E+03	-1.039E+03	-1.090E-12	-5.813E-12	0.000E+00	9.223E+03	2.120E+03	-1.485E-01
21	2	10	-1.046E-12	-5.811E-12	-2.926E-28	8.983E+03	2.271E+03	-1.065E+03	-1.046E-12	-5.811E-12	0.000E+00	9.148E+03	2.106E+03	-1.536E-01
21	2	11	-6.192E-13	-5.860E-12	-3.200E-28	8.520E+03	2.069E+03	-1.353E+03	-6.192E-13	-5.860E-12	0.000E+00	8.793E+03	1.797E+03	-1.985E-01
21	2	12	-5.750E-13	-5.858E-12	-3.226E-28	8.436E+03	2.065E+03	-1.378E+03	-5.750E-13	-5.858E-12	0.000E+00	8.721E+03	1.779E+03	-2.041E-01
21	2	13	-8.922E-13	-5.788E-12	-3.006E-28	8.914E+03	2.158E+03	-1.204E+03	-8.922E-13	-5.788E-12	0.000E+00	9.122E+03	1.950E+03	-1.712E-01
21	2	14	-8.479E-13	-5.786E-12	-3.032E-28	8.829E+03	2.154E+03	-1.229E+03	-8.479E-13	-5.786E-12	0.000E+00	9.048E+03	1.934E+03	-1.764E-01
21	2	15	-4.212E-13	-5.835E-12	-3.306E-28	8.366E+03	1.952E+03	-1.517E+03	-4.212E-13	-5.835E-12	0.000E+00	8.707E+03	1.611E+03	-2.209E-01
21	2	16	-3.770E-13	-5.833E-12	-3.332E-28	8.282E+03	1.947E+03	-1.543E+03	-3.770E-13	-5.833E-12	0.000E+00	8.637E+03	1.592E+03	-2.266E-01
21	3	1	3.254E-12	2.840E-13	-3.624E-28	-7.920E+00	1.527E+02	-3.099E+03	3.254E-12	2.840E-13	0.000E+00	3.173E+03	-3.028E+03	2.343E+00
21	3	2	3.258E-12	3.067E-13	-3.601E-28	-5.431E+01	1.342E+02	-3.145E+03	3.258E-12	3.067E-13	0.000E+00	3.186E+03	-3.106E+03	2.341E+00

21	3	3	3.233E-12	5.231E-13	-3.333E-28	-2.937E+02	1.423E+01	-3.630E+03	3.233E-12	5.231E-13	0.000E+00	3.493E+03	-3.773E+03	2.335E+00
21	3	4	3.237E-12	5.458E-13	-3.310E-28	-3.401E+02	-4.287E+00	-3.675E+03	3.237E-12	5.458E-13	0.000E+00	3.507E+03	-3.851E+03	2.333E+00
21	3	5	3.268E-12	3.836E-13	-3.519E-28	-7.071E+01	9.847E+01	-3.373E+03	3.268E-12	3.836E-13	0.000E+00	3.388E+03	-3.361E+03	2.344E+00
21	3	6	3.272E-12	4.063E-13	-3.496E-28	-1.171E+02	7.995E+01	-3.419E+03	3.272E-12	4.063E-13	0.000E+00	3.402E+03	-3.439E+03	2.342E+00
21	3	7	3.247E-12	6.227E-13	-3.228E-28	-3.565E+02	-4.000E+01	-3.904E+03	3.247E-12	6.227E-13	0.000E+00	3.709E+03	-4.105E+03	2.336E+00
21	3	8	3.251E-12	6.454E-13	-3.205E-28	-4.028E+02	-5.852E+01	-3.949E+03	3.251E-12	6.454E-13	0.000E+00	3.722E+03	-4.184E+03	2.334E+00
21	3	9	-2.928E-12	-5.976E-13	2.867E-28	4.730E+02	3.613E+02	6.595E+03	-5.976E-13	-2.928E-12	1.571E+00	7.013E+03	-6.178E+03	7.812E-01
21	3	10	-2.924E-12	-5.749E-13	2.890E-28	4.266E+02	3.427E+02	6.550E+03	-5.749E-13	-2.924E-12	1.571E+00	6.935E+03	-6.165E+03	7.822E-01
21	3	11	-2.949E-12	-3.585E-13	3.158E-28	1.872E+02	2.228E+02	6.065E+03	-3.585E-13	-2.949E-12	1.571E+00	6.270E+03	-5.860E+03	7.869E-01
21	3	12	-2.945E-12	-3.358E-13	3.181E-28	1.408E+02	2.043E+02	6.019E+03	-3.358E-13	-2.945E-12	1.571E+00	6.192E+03	-5.847E+03	7.880E-01
21	3	13	-2.913E-12	-4.980E-13	2.972E-28	4.102E+02	3.070E+02	6.321E+03	-4.980E-13	-2.913E-12	1.571E+00	6.680E+03	-5.963E+03	7.813E-01
21	3	14	-2.910E-12	-4.753E-13	2.995E-28	3.638E+02	2.885E+02	6.276E+03	-4.753E-13	-2.910E-12	1.571E+00	6.602E+03	-5.950E+03	7.824E-01
21	3	15	-2.935E-12	-2.588E-13	3.263E-28	1.244E+02	1.686E+02	5.791E+03	-2.588E-13	-2.935E-12	1.571E+00	5.937E+03	-5.644E+03	7.873E-01
21	3	16	-2.931E-12	-2.362E-13	3.286E-28	7.803E+01	1.500E+02	5.745E+03	-2.362E-13	-2.931E-12	1.571E+00	5.860E+03	-5.631E+03	7.885E-01
21	4	1	-2.106E-13	3.533E-13	-3.445E-29	-1.135E+03	3.675E+03	1.758E+03	3.533E-13	-2.106E-13	1.571E+00	4.248E+03	-1.709E+03	1.255E+00
21	4	2	-2.060E-13	3.530E-13	-3.415E-29	-1.150E+03	3.623E+03	1.719E+03	3.530E-13	-2.060E-13	1.571E+00	4.177E+03	-1.704E+03	1.259E+00
21	4	3	-1.750E-13	3.388E-13	-3.153E-29	-1.219E+03	3.337E+03	1.300E+03	3.388E-13	-1.750E-13	1.571E+00	3.682E+03	-1.564E+03	1.311E+00
21	4	4	-1.703E-13	3.385E-13	-3.123E-29	-1.233E+03	3.285E+03	1.261E+03	3.385E-13	-1.703E-13	1.571E+00	3.614E+03	-1.561E+03	1.316E+00
21	4	5	-2.001E-13	3.475E-13	-3.346E-29	-1.141E+03	3.578E+03	1.521E+03	3.475E-13	-2.001E-13	1.571E+00	4.026E+03	-1.588E+03	1.285E+00
21	4	6	-1.955E-13	3.472E-13	-3.315E-29	-1.155E+03	3.526E+03	1.482E+03	3.472E-13	-1.955E-13	1.571E+00	3.956E+03	-1.585E+03	1.289E+00
21	4	7	-1.645E-13	3.330E-13	-3.054E-29	-1.224E+03	3.241E+03	1.063E+03	3.330E-13	-1.645E-13	1.571E+00	3.481E+03	-1.464E+03	1.349E+00
21	4	8	-1.599E-13	3.327E-13	-3.024E-29	-1.238E+03	3.189E+03	1.024E+03	3.327E-13	-1.599E-13	1.571E+00	3.414E+03	-1.464E+03	1.354E+00
21	4	9	1.419E-13	-2.978E-13	2.700E-29	-8.262E+03	-2.696E+03	-1.297E+03	1.419E-13	-2.978E-13	0.000E+00	-2.409E+03	-8.549E+03	1.789E+00
21	4	10	1.465E-13	-2.981E-13	2.730E-29	-8.276E+03	-2.748E+03	-1.336E+03	1.465E-13	-2.981E-13	0.000E+00	-2.442E+03	-8.582E+03	1.796E+00
21	4	11	1.775E-13	-3.123E-13	2.992E-29	-8.345E+03	-3.033E+03	-1.754E+03	1.775E-13	-3.123E-13	0.000E+00	-2.506E+03	-8.872E+03	1.863E+00
21	4	12	1.822E-13	-3.126E-13	3.022E-29	-8.360E+03	-3.085E+03	-1.793E+03	1.822E-13	-3.126E-13	0.000E+00	-2.533E+03	-8.911E+03	1.869E+00
21	4	13	1.524E-13	-3.036E-13	2.799E-29	-8.267E+03	-2.793E+03	-1.534E+03	1.524E-13	-3.036E-13	0.000E+00	-2.392E+03	-8.668E+03	1.826E+00
21	4	14	1.570E-13	-3.039E-13	2.830E-29	-8.282E+03	-2.845E+03	-1.572E+03	1.570E-13	-3.039E-13	0.000E+00	-2.423E+03	-8.704E+03	1.833E+00
21	4	15	1.880E-13	-3.181E-13	3.091E-29	-8.351E+03	-3.130E+03	-1.991E+03	1.880E-13	-3.181E-13	0.000E+00	-2.457E+03	-9.023E+03	1.897E+00
21	4	16	1.926E-13	-3.184E-13	3.122E-29	-8.365E+03	-3.182E+03	-2.030E+03	1.926E-13	-3.184E-13	0.000E+00	-2.481E+03	-9.065E+03	1.903E+00
22	1	1	-1.937E-13	-1.075E-12	2.978E-13	1.215E+03	8.169E+03	-1.587E+03	-1.026E-13	-1.167E-12	0.000E+00	8.514E+03	8.694E+02	1.785E+00
22	1	2	-1.890E-13	-1.083E-12	2.973E-13	1.174E+03	8.182E+03	-1.625E+03	-9.919E-14	-1.173E-12	0.000E+00	8.540E+03	8.152E+02	1.788E+00
22	1	3	-1.635E-13	-1.147E-12	3.152E-13	9.742E+02	8.496E+03	-2.023E+03	-7.110E-14	-1.239E-12	0.000E+00	9.006E+03	4.646E+02	1.818E+00
22	1	4	-1.588E-13	-1.154E-12	3.147E-13	9.335E+02	8.509E+03	-2.061E+03	-6.763E-14	-1.245E-12	0.000E+00	9.034E+03	4.089E+02	1.820E+00
22	1	5	-1.994E-13	-1.110E-12	3.075E-13	1.190E+03	8.353E+03	-1.811E+03	-1.052E-13	-1.204E-12	0.000E+00	8.785E+03	7.579E+02	1.805E+00
22	1	6	-1.947E-13	-1.117E-12	3.070E-13	1.149E+03	8.366E+03	-1.849E+03	-1.019E-13	-1.210E-12	0.000E+00	8.812E+03	7.028E+02	1.808E+00
22	1	7	-1.692E-13	-1.181E-12	3.249E-13	9.496E+02	8.680E+03	-2.247E+03	-7.378E-14	-1.276E-12	0.000E+00	9.286E+03	3.438E+02	1.834E+00
22	1	8	-1.645E-13	-1.188E-12	3.244E-13	9.088E+02	8.693E+03	-2.285E+03	-7.031E-14	-1.282E-12	0.000E+00	9.314E+03	2.874E+02	1.836E+00
22	1	9	1.488E-13	1.075E-12	-2.944E-13	-9.483E+02	-8.432E+03	5.254E+03	1.161E-12	6.316E-14	1.571E+00	1.760E+03	-1.114E+04	4.760E-01
22	1	10	1.534E-13	1.068E-12	-2.949E-13	-9.891E+02	-8.419E+03	5.216E+03	1.155E-12	6.662E-14	1.571E+00	1.700E+03	-1.111E+04	4.759E-01
22	1	11	1.790E-13	1.004E-12	-2.769E-13	-1.189E+03	-8.105E+03	4.818E+03	1.089E-12	9.468E-14	1.571E+00	1.284E+03	-1.058E+04	4.741E-01
22	1	12	1.837E-13	9.970E-13	-2.774E-13	-1.229E+03	-8.092E+03	4.780E+03	1.083E-12	9.804E-14	1.571E+00	1.223E+03	-1.054E+04	4.741E-01
22	1	13	1.431E-13	1.041E-12	-2.847E-13	-9.730E+02	-8.248E+03	5.030E+03	1.124E-12	6.048E-14	1.571E+00	1.597E+03	-1.082E+04	4.723E-01

22	1	14	1.478E-13	1.034E-12	-2.852E-13	-1.014E+03	-8.235E+03	4.992E+03	1.118E-12	6.394E-14	1.571E+00	1.536E+03	-1.079E+04	4.723E-01
22	1	15	1.733E-13	9.699E-13	-2.672E-13	-1.213E+03	-7.921E+03	4.594E+03	1.051E-12	9.201E-14	1.571E+00	1.121E+03	-1.026E+04	4.701E-01
22	1	16	1.780E-13	9.627E-13	-2.677E-13	-1.254E+03	-7.908E+03	4.556E+03	1.045E-12	9.537E-14	1.571E+00	1.060E+03	-1.022E+04	4.700E-01
22	2	1	-2.278E-12	7.044E-14	1.436E-28	5.194E+03	1.048E+04	1.604E+03	7.044E-14	-2.278E-12	1.571E+00	1.093E+04	4.746E+03	1.298E+00
22	2	2	-2.275E-12	5.741E-14	1.426E-28	5.161E+03	1.054E+04	1.605E+03	5.741E-14	-2.275E-12	1.571E+00	1.098E+04	4.718E+03	1.302E+00
22	2	3	-2.242E-12	-8.868E-14	1.320E-28	4.978E+03	1.117E+04	1.433E+03	-8.868E-14	-2.242E-12	1.571E+00	1.149E+04	4.662E+03	1.354E+00
22	2	4	-2.239E-12	-1.017E-13	1.311E-28	4.944E+03	1.124E+04	1.434E+03	-1.017E-13	-2.239E-12	1.571E+00	1.155E+04	4.633E+03	1.357E+00
22	2	5	-2.280E-12	1.817E-15	1.395E-28	5.236E+03	1.083E+04	1.506E+03	1.817E-15	-2.280E-12	1.571E+00	1.121E+04	4.856E+03	1.324E+00
22	2	6	-2.277E-12	-1.122E-14	1.385E-28	5.202E+03	1.089E+04	1.507E+03	-1.122E-14	-2.277E-12	1.571E+00	1.127E+04	4.828E+03	1.327E+00
22	2	7	-2.243E-12	-1.573E-13	1.279E-28	5.019E+03	1.153E+04	1.335E+03	-1.573E-13	-2.243E-12	1.571E+00	1.179E+04	4.756E+03	1.376E+00
22	2	8	-2.240E-12	-1.703E-13	1.270E-28	4.986E+03	1.159E+04	1.336E+03	-1.703E-13	-2.240E-12	1.571E+00	1.185E+04	4.726E+03	1.378E+00
22	2	9	2.016E-12	1.661E-13	-1.135E-28	1.956E+03	-1.461E+04	8.600E+02	2.016E-12	1.661E-13	0.000E+00	2.001E+03	-1.466E+04	5.172E-02
22	2	10	2.019E-12	1.531E-13	-1.145E-28	1.923E+03	-1.455E+04	8.615E+02	2.019E-12	1.531E-13	0.000E+00	1.968E+03	-1.460E+04	5.211E-02
22	2	11	2.052E-12	7.013E-15	-1.250E-28	1.739E+03	-1.392E+04	6.892E+02	2.052E-12	7.013E-15	0.000E+00	1.770E+03	-1.395E+04	4.391E-02
22	2	12	2.055E-12	-6.019E-15	-1.260E-28	1.706E+03	-1.385E+04	6.908E+02	2.055E-12	-6.019E-15	0.000E+00	1.737E+03	-1.388E+04	4.428E-02
22	2	13	2.015E-12	9.751E-14	-1.176E-28	1.998E+03	-1.426E+04	7.620E+02	2.015E-12	9.751E-14	0.000E+00	2.033E+03	-1.429E+04	4.674E-02
22	2	14	2.018E-12	8.448E-14	-1.186E-28	1.964E+03	-1.420E+04	7.635E+02	2.018E-12	8.448E-14	0.000E+00	2.000E+03	-1.423E+04	4.711E-02
22	2	15	2.051E-12	-6.161E-14	-1.291E-28	1.781E+03	-1.356E+04	5.913E+02	2.051E-12	-6.161E-14	0.000E+00	1.804E+03	-1.359E+04	3.846E-02
22	2	16	2.054E-12	-7.464E-14	-1.301E-28	1.747E+03	-1.350E+04	5.928E+02	2.054E-12	-7.464E-14	0.000E+00	1.770E+03	-1.352E+04	3.880E-02
22	3	1	-6.553E-14	-1.183E-12	-1.365E-28	7.186E+02	3.299E+03	1.218E+03	-6.553E-14	-1.183E-12	0.000E+00	3.783E+03	2.347E+02	1.193E+00
22	3	2	-7.087E-14	-1.184E-12	-1.359E-28	7.079E+02	3.340E+03	1.200E+03	-7.087E-14	-1.184E-12	0.000E+00	3.805E+03	2.431E+02	1.201E+00
22	3	3	-1.446E-13	-1.172E-12	-1.262E-28	6.377E+02	3.619E+03	1.004E+03	-1.446E-13	-1.172E-12	0.000E+00	3.926E+03	3.311E+02	1.274E+00
22	3	4	-1.500E-13	-1.173E-12	-1.256E-28	6.271E+02	3.660E+03	9.861E+02	-1.500E-13	-1.173E-12	0.000E+00	3.953E+03	3.346E+02	1.283E+00
22	3	5	-1.015E-13	-1.187E-12	-1.326E-28	7.441E+02	3.430E+03	1.105E+03	-1.015E-13	-1.187E-12	0.000E+00	3.826E+03	3.481E+02	1.227E+00
22	3	6	-1.068E-13	-1.188E-12	-1.320E-28	7.334E+02	3.471E+03	1.087E+03	-1.068E-13	-1.188E-12	0.000E+00	3.850E+03	3.544E+02	1.235E+00
22	3	7	-1.806E-13	-1.176E-12	-1.223E-28	6.633E+02	3.750E+03	8.912E+02	-1.806E-13	-1.176E-12	0.000E+00	3.989E+03	4.244E+02	1.309E+00
22	3	8	-1.859E-13	-1.176E-12	-1.217E-28	6.526E+02	3.792E+03	8.734E+02	-1.859E-13	-1.176E-12	0.000E+00	4.018E+03	4.260E+02	1.317E+00
22	3	9	1.732E-13	1.060E-12	1.090E-28	-7.674E+02	-7.946E+03	2.373E+03	1.060E-12	1.732E-13	1.571E+00	-5.371E+01	-8.660E+03	2.921E-01
22	3	10	1.679E-13	1.059E-12	1.096E-28	-7.781E+02	-7.905E+03	2.355E+03	1.059E-12	1.679E-13	1.571E+00	-6.997E+01	-8.613E+03	2.920E-01
22	3	11	9.411E-14	1.071E-12	1.193E-28	-8.482E+02	-7.626E+03	2.160E+03	1.071E-12	9.411E-14	1.571E+00	-2.185E+02	-8.255E+03	2.837E-01
22	3	12	8.876E-14	1.071E-12	1.199E-28	-8.589E+02	-7.585E+03	2.142E+03	1.071E-12	8.876E-14	1.571E+00	-2.348E+02	-8.209E+03	2.836E-01
22	3	13	1.373E-13	1.056E-12	1.129E-28	-7.419E+02	-7.815E+03	2.261E+03	1.056E-12	1.373E-13	1.571E+00	-8.111E+01	-8.476E+03	2.844E-01
22	3	14	1.319E-13	1.056E-12	1.135E-28	-7.526E+02	-7.774E+03	2.243E+03	1.056E-12	1.319E-13	1.571E+00	-9.736E+01	-8.429E+03	2.842E-01
22	3	15	5.816E-14	1.067E-12	1.232E-28	-8.227E+02	-7.495E+03	2.047E+03	1.067E-12	5.816E-14	1.571E+00	-2.447E+02	-8.072E+03	2.752E-01
22	3	16	5.281E-14	1.067E-12	1.238E-28	-8.334E+02	-7.453E+03	2.029E+03	1.067E-12	5.281E-14	1.571E+00	-2.610E+02	-8.026E+03	2.750E-01
22	4	1	-4.493E-13	1.496E-13	-3.656E-29	-3.433E+03	2.283E+03	-6.985E+00	1.496E-13	-4.493E-13	1.571E+00	2.283E+03	-3.433E+03	1.572E+00
22	4	2	-4.472E-13	1.490E-13	-3.639E-29	-3.452E+03	2.280E+03	-3.664E+01	1.490E-13	-4.472E-13	1.571E+00	2.280E+03	-3.453E+03	1.577E+00
22	4	3	-4.286E-13	1.216E-13	-3.380E-29	-3.566E+03	2.259E+03	-3.371E+02	1.216E-13	-4.286E-13	1.571E+00	2.278E+03	-3.586E+03	1.628E+00
22	4	4	-4.264E-13	1.211E-13	-3.364E-29	-3.585E+03	2.257E+03	-3.667E+02	1.211E-13	-4.264E-13	1.571E+00	2.280E+03	-3.608E+03	1.633E+00
22	4	5	-4.453E-13	1.361E-13	-3.549E-29	-3.481E+03	2.293E+03	-1.756E+02	1.361E-13	-4.453E-13	1.571E+00	2.298E+03	-3.486E+03	1.601E+00
22	4	6	-4.431E-13	1.356E-13	-3.532E-29	-3.500E+03	2.290E+03	-2.052E+02	1.356E-13	-4.431E-13	1.571E+00	2.297E+03	-3.507E+03	1.606E+00
22	4	7	-4.245E-13	1.081E-13	-3.273E-29	-3.614E+03	2.269E+03	-5.057E+02	1.081E-13	-4.245E-13	1.571E+00	2.312E+03	-3.657E+03	1.656E+00
22	4	8	-4.224E-13	1.076E-13	-3.256E-29	-3.633E+03	2.267E+03	-5.353E+02	1.076E-13	-4.224E-13	1.571E+00	2.315E+03	-3.681E+03	1.661E+00

22	4	9	3.799E-13	-9.446E-14	2.916E-29	-3.173E+03	-5.171E+03	-9.289E+02	3.799E-13	-9.446E-14	0.000E+00	-2.808E+03	-5.536E+03	-3.746E-01
22	4	10	3.821E-13	-9.501E-14	2.933E-29	-3.192E+03	-5.173E+03	-9.586E+02	3.821E-13	-9.501E-14	0.000E+00	-2.804E+03	-5.561E+03	-3.845E-01
22	4	11	4.007E-13	-1.224E-13	3.192E-29	-3.306E+03	-5.194E+03	-1.259E+03	4.007E-13	-1.224E-13	0.000E+00	-2.676E+03	-5.824E+03	-4.637E-01
22	4	12	4.029E-13	-1.230E-13	3.208E-29	-3.325E+03	-5.197E+03	-1.289E+03	4.029E-13	-1.230E-13	0.000E+00	-2.668E+03	-5.853E+03	-4.713E-01
22	4	13	3.840E-13	-1.079E-13	3.024E-29	-3.220E+03	-5.161E+03	-1.098E+03	3.840E-13	-1.079E-13	0.000E+00	-2.726E+03	-5.655E+03	-4.234E-01
22	4	14	3.861E-13	-1.085E-13	3.040E-29	-3.239E+03	-5.163E+03	-1.127E+03	3.861E-13	-1.085E-13	0.000E+00	-2.719E+03	-5.683E+03	-4.321E-01
22	4	15	4.048E-13	-1.359E-13	3.299E-29	-3.353E+03	-5.184E+03	-1.428E+03	4.048E-13	-1.359E-13	0.000E+00	-2.573E+03	-5.965E+03	-5.003E-01
22	4	16	4.069E-13	-1.365E-13	3.316E-29	-3.372E+03	-5.187E+03	-1.457E+03	4.069E-13	-1.365E-13	0.000E+00	-2.563E+03	-5.996E+03	-5.070E-01
23	1	1	1.227E-17	1.073E-17	-8.764E-17	4.468E+02	2.178E+03	1.143E+03	9.914E-17	-7.614E-17	0.000E+00	2.746E+03	-1.213E+02	1.109E+00
23	1	2	-9.504E-18	7.677E-18	-9.468E-17	4.310E+02	2.181E+03	1.133E+03	9.415E-17	-9.598E-17	1.571E+00	2.737E+03	-1.255E+02	1.114E+00
23	1	3	1.227E-17	1.073E-17	-8.764E-17	3.479E+02	2.290E+03	9.836E+02	9.914E-17	-7.614E-17	0.000E+00	2.702E+03	-6.316E+01	1.175E+00
23	1	4	-9.504E-18	7.677E-18	-9.468E-17	3.321E+02	2.293E+03	9.735E+02	9.415E-17	-9.598E-17	1.571E+00	2.694E+03	-6.909E+01	1.180E+00
23	1	5	9.504E-18	-7.677E-18	9.468E-17	4.614E+02	2.242E+03	1.055E+03	9.598E-17	-9.415E-17	0.000E+00	2.732E+03	-2.908E+01	1.136E+00
23	1	6	-1.227E-17	-1.073E-17	8.764E-17	4.456E+02	2.244E+03	1.045E+03	7.614E-17	-9.914E-17	1.571E+00	2.724E+03	-3.395E+01	1.141E+00
23	1	7	9.504E-18	-7.677E-18	9.468E-17	3.624E+02	2.354E+03	8.960E+02	9.598E-17	-9.415E-17	0.000E+00	2.698E+03	1.870E+01	1.204E+00
23	1	8	-1.227E-17	-1.073E-17	8.764E-17	3.466E+02	2.357E+03	8.859E+02	7.614E-17	-9.914E-17	1.571E+00	2.692E+03	1.195E+01	1.210E+00
23	1	9	1.227E-17	1.073E-17	-8.764E-17	-5.961E+02	-7.426E+03	1.383E+03	9.914E-17	-7.614E-17	0.000E+00	-3.266E+02	-7.696E+03	1.924E-01
23	1	10	-9.504E-18	7.677E-18	-9.468E-17	-6.119E+02	-7.424E+03	1.373E+03	9.415E-17	-9.598E-17	1.571E+00	-3.456E+02	-7.690E+03	1.916E-01
23	1	11	1.227E-17	1.073E-17	-8.764E-17	-6.951E+02	-7.314E+03	1.224E+03	9.914E-17	-7.614E-17	0.000E+00	-4.760E+02	-7.533E+03	1.771E-01
23	1	12	-9.504E-18	7.677E-18	-9.468E-17	-7.109E+02	-7.311E+03	1.214E+03	9.415E-17	-9.598E-17	1.571E+00	-4.948E+02	-7.527E+03	1.762E-01
23	1	13	9.504E-18	-7.677E-18	9.468E-17	-5.816E+02	-7.362E+03	1.296E+03	9.598E-17	-9.415E-17	0.000E+00	-3.424E+02	-7.602E+03	1.825E-01
23	1	14	-1.227E-17	-1.073E-17	8.764E-17	-5.974E+02	-7.360E+03	1.286E+03	7.614E-17	-9.914E-17	1.571E+00	-3.613E+02	-7.596E+03	1.817E-01
23	1	15	9.504E-18	-7.677E-18	9.468E-17	-6.805E+02	-7.250E+03	1.136E+03	9.598E-17	-9.415E-17	0.000E+00	-4.896E+02	-7.441E+03	1.665E-01
23	1	16	-1.227E-17	-1.073E-17	8.764E-17	-6.963E+02	-7.247E+03	1.126E+03	7.614E-17	-9.914E-17	1.571E+00	-5.082E+02	-7.436E+03	1.656E-01
23	2	1	-8.133E-17	1.126E-16	1.187E-32	2.406E+03	9.581E+02	6.107E+02	1.126E-16	-8.133E-17	1.571E+00	2.629E+03	7.348E+02	3.504E-01
23	2	2	-8.232E-17	8.897E-17	1.049E-32	2.396E+03	9.768E+02	6.113E+02	8.897E-17	-8.232E-17	1.571E+00	2.623E+03	7.498E+02	3.556E-01
23	2	3	-8.133E-17	1.126E-16	1.187E-32	2.302E+03	1.178E+03	5.160E+02	1.126E-16	-8.133E-17	1.571E+00	2.503E+03	9.774E+02	3.715E-01
23	2	4	-8.232E-17	8.897E-17	1.049E-32	2.292E+03	1.197E+03	5.166E+02	8.897E-17	-8.232E-17	1.571E+00	2.497E+03	9.919E+02	3.782E-01
23	2	5	8.232E-17	-8.897E-17	-1.049E-32	2.451E+03	1.072E+03	5.568E+02	8.232E-17	-8.897E-17	0.000E+00	2.648E+03	8.754E+02	3.397E-01
23	2	6	8.133E-17	-1.126E-16	-1.187E-32	2.441E+03	1.091E+03	5.574E+02	8.133E-17	-1.126E-16	0.000E+00	2.642E+03	8.905E+02	3.451E-01
23	2	7	8.232E-17	-8.897E-17	-1.049E-32	2.347E+03	1.293E+03	4.621E+02	8.232E-17	-8.897E-17	0.000E+00	2.521E+03	1.119E+03	3.598E-01
23	2	8	8.133E-17	-1.126E-16	-1.187E-32	2.337E+03	1.311E+03	4.627E+02	8.133E-17	-1.126E-16	0.000E+00	2.515E+03	1.133E+03	3.669E-01
23	2	9	-8.133E-17	1.126E-16	1.187E-32	4.971E+02	-7.858E+03	3.718E+02	1.126E-16	-8.133E-17	1.571E+00	5.137E+02	-7.874E+03	4.438E-02
23	2	10	-8.232E-17	8.897E-17	1.049E-32	4.873E+02	-7.839E+03	3.723E+02	8.897E-17	-8.232E-17	1.571E+00	5.039E+02	-7.856E+03	4.460E-02
23	2	11	-8.133E-17	1.126E-16	1.187E-32	3.933E+02	-7.638E+03	2.771E+02	1.126E-16	-8.133E-17	1.571E+00	4.028E+02	-7.647E+03	3.445E-02
23	2	12	-8.232E-17	8.897E-17	1.049E-32	3.834E+02	-7.619E+03	2.776E+02	8.897E-17	-8.232E-17	1.571E+00	3.930E+02	-7.628E+03	3.464E-02
23	2	13	8.232E-17	-8.897E-17	-1.049E-32	5.428E+02	-7.744E+03	3.179E+02	8.232E-17	-8.897E-17	0.000E+00	5.549E+02	-7.756E+03	3.829E-02
23	2	14	8.133E-17	-1.126E-16	-1.187E-32	5.329E+02	-7.725E+03	3.185E+02	8.133E-17	-1.126E-16	0.000E+00	5.451E+02	-7.737E+03	3.849E-02
23	2	15	8.232E-17	-8.897E-17	-1.049E-32	4.389E+02	-7.523E+03	2.232E+02	8.232E-17	-8.897E-17	0.000E+00	4.451E+02	-7.530E+03	2.800E-02
23	2	16	8.133E-17	-1.126E-16	-1.187E-32	4.290E+02	-7.505E+03	2.238E+02	8.133E-17	-1.126E-16	0.000E+00	4.353E+02	-7.511E+03	2.817E-02
23	3	1	1.077E-16	-8.497E-17	-2.360E-32	2.298E+02	5.102E+02	1.022E+03	1.077E-16	-8.497E-17	0.000E+00	1.402E+03	-6.615E+02	8.536E-01
23	3	2	8.426E-17	-8.586E-17	-2.083E-32	2.234E+02	5.236E+02	1.018E+03	8.426E-17	-8.586E-17	0.000E+00	1.402E+03	-6.553E+02	8.586E-01
23	3	3	1.077E-16	-8.497E-17	-2.360E-32	1.706E+02	6.110E+02	9.269E+02	1.077E-16	-8.497E-17	0.000E+00	1.344E+03	-5.619E+02	9.020E-01

23	3	4	8.426E-17	-8.586E-17	-2.083E-32	1.641E+02	6.245E+02	9.228E+02	8.426E-17	-8.586E-17	0.000E+00	1.345E+03	-5.568E+02	9.076E-01
23	3	5	-8.426E-17	8.586E-17	2.083E-32	2.536E+02	5.499E+02	9.680E+02	8.586E-17	-8.426E-17	1.571E+00	1.381E+03	-5.775E+02	8.613E-01
23	3	6	-1.077E-16	8.497E-17	2.360E-32	2.472E+02	5.634E+02	9.639E+02	8.497E-17	-1.077E-16	1.571E+00	1.382E+03	-5.715E+02	8.667E-01
23	3	7	-8.426E-17	8.586E-17	2.083E-32	1.944E+02	6.507E+02	8.730E+02	8.586E-17	-8.426E-17	1.571E+00	1.325E+03	-4.798E+02	9.132E-01
23	3	8	-1.077E-16	8.497E-17	2.360E-32	1.879E+02	6.642E+02	8.689E+02	8.497E-17	-1.077E-16	1.571E+00	1.327E+03	-4.748E+02	9.191E-01
23	3	9	1.077E-16	-8.497E-17	-2.360E-32	-1.166E+02	-3.764E+03	6.786E+02	1.077E-16	-8.497E-17	0.000E+00	5.519E+00	-3.887E+03	1.781E-01
23	3	10	8.426E-17	-8.586E-17	-2.083E-32	-1.231E+02	-3.751E+03	6.745E+02	8.426E-17	-8.586E-17	0.000E+00	-1.734E+00	-3.872E+03	1.780E-01
23	3	11	1.077E-16	-8.497E-17	-2.360E-32	-1.759E+02	-3.664E+03	5.836E+02	1.077E-16	-8.497E-17	0.000E+00	-8.081E+01	-3.759E+03	1.615E-01
23	3	12	8.426E-17	-8.586E-17	-2.083E-32	-1.823E+02	-3.650E+03	5.795E+02	8.426E-17	-8.586E-17	0.000E+00	-8.804E+01	-3.744E+03	1.613E-01
23	3	13	-8.426E-17	8.586E-17	2.083E-32	-9.283E+01	-3.725E+03	6.247E+02	8.586E-17	-8.426E-17	1.571E+00	1.161E+01	-3.829E+03	1.657E-01
23	3	14	-1.077E-16	8.497E-17	2.360E-32	-9.927E+01	-3.711E+03	6.206E+02	8.497E-17	-1.077E-16	1.571E+00	4.371E+00	-3.815E+03	1.655E-01
23	3	15	-8.426E-17	8.586E-17	2.083E-32	-1.521E+02	-3.624E+03	5.297E+02	8.586E-17	-8.426E-17	1.571E+00	-7.306E+01	-3.703E+03	1.481E-01
23	3	16	-1.077E-16	8.497E-17	2.360E-32	-1.585E+02	-3.610E+03	5.255E+02	8.497E-17	-1.077E-16	1.571E+00	-8.027E+01	-3.689E+03	1.478E-01
23	4	1	-8.948E-17	1.040E-16	-1.185E-32	-1.732E+03	1.863E+03	-2.627E+02	1.040E-16	-8.948E-17	1.571E+00	1.882E+03	-1.751E+03	1.643E+00
23	4	2	-9.009E-17	8.000E-17	-1.041E-32	-1.744E+03	1.861E+03	-2.724E+02	8.000E-17	-9.009E-17	1.571E+00	1.882E+03	-1.764E+03	1.646E+00
23	4	3	-8.948E-17	1.040E-16	-1.185E-32	-1.806E+03	1.848E+03	-3.955E+02	1.040E-16	-8.948E-17	1.571E+00	1.891E+03	-1.848E+03	1.677E+00
23	4	4	-9.009E-17	8.000E-17	-1.041E-32	-1.818E+03	1.847E+03	-4.052E+02	8.000E-17	-9.009E-17	1.571E+00	1.891E+03	-1.862E+03	1.680E+00
23	4	5	9.009E-17	-8.000E-17	1.041E-32	-1.740E+03	1.869E+03	-3.339E+02	9.009E-17	-8.000E-17	0.000E+00	1.900E+03	-1.771E+03	1.662E+00
23	4	6	8.948E-17	-1.040E-16	1.185E-32	-1.753E+03	1.868E+03	-3.436E+02	8.948E-17	-1.040E-16	0.000E+00	1.900E+03	-1.785E+03	1.665E+00
23	4	7	9.009E-17	-8.000E-17	1.041E-32	-1.814E+03	1.855E+03	-4.667E+02	9.009E-17	-8.000E-17	0.000E+00	1.913E+03	-1.873E+03	1.695E+00
23	4	8	8.948E-17	-1.040E-16	1.185E-32	-1.827E+03	1.854E+03	-4.764E+02	8.948E-17	-1.040E-16	0.000E+00	1.914E+03	-1.888E+03	1.697E+00
23	4	9	-8.948E-17	1.040E-16	-1.185E-32	-1.011E+03	-5.287E+03	-3.349E+02	1.040E-16	-8.948E-17	1.571E+00	-9.854E+02	-5.313E+03	-7.772E-02
23	4	10	-9.009E-17	8.000E-17	-1.041E-32	-1.024E+03	-5.288E+03	-3.446E+02	8.000E-17	-9.009E-17	1.571E+00	-9.963E+02	-5.316E+03	-8.014E-02
23	4	11	-8.948E-17	1.040E-16	-1.185E-32	-1.085E+03	-5.301E+03	-4.677E+02	1.040E-16	-8.948E-17	1.571E+00	-1.034E+03	-5.352E+03	-1.092E-01
23	4	12	-9.009E-17	8.000E-17	-1.041E-32	-1.098E+03	-5.302E+03	-4.774E+02	8.000E-17	-9.009E-17	1.571E+00	-1.044E+03	-5.356E+03	-1.117E-01
23	4	13	9.009E-17	-8.000E-17	1.041E-32	-1.020E+03	-5.280E+03	-4.062E+02	9.009E-17	-8.000E-17	0.000E+00	-9.820E+02	-5.318E+03	-9.422E-02
23	4	14	8.948E-17	-1.040E-16	1.185E-32	-1.033E+03	-5.281E+03	-4.159E+02	8.948E-17	-1.040E-16	0.000E+00	-9.926E+02	-5.322E+03	-9.666E-02
23	4	15	9.009E-17	-8.000E-17	1.041E-32	-1.094E+03	-5.294E+03	-5.389E+02	9.009E-17	-8.000E-17	0.000E+00	-1.026E+03	-5.363E+03	-1.256E-01
23	4	16	8.948E-17	-1.040E-16	1.185E-32	-1.107E+03	-5.296E+03	-5.486E+02	8.948E-17	-1.040E-16	0.000E+00	-1.036E+03	-5.366E+03	-1.281E-01
24	1	1	2.102E-16	1.753E-17	2.429E-17	-4.120E+02	1.174E+03	-6.579E+01	2.133E-16	1.451E-17	0.000E+00	1.176E+03	-4.148E+02	1.612E+00
24	1	2	2.079E-16	1.781E-18	1.091E-16	-4.091E+02	1.168E+03	-6.585E+01	2.549E-16	-4.528E-17	0.000E+00	1.170E+03	-4.119E+02	1.612E+00
24	1	3	2.102E-16	1.753E-17	2.429E-17	-3.712E+02	1.091E+03	-6.330E-01	2.133E-16	1.451E-17	0.000E+00	1.091E+03	-3.712E+02	1.571E+00
24	1	4	2.079E-16	1.781E-18	1.091E-16	-3.683E+02	1.085E+03	-6.916E-01	2.549E-16	-4.528E-17	0.000E+00	1.085E+03	-3.683E+02	1.571E+00
24	1	5	-2.079E-16	-1.781E-18	-1.091E-16	-3.900E+02	1.214E+03	-2.850E+01	4.528E-17	-2.549E-16	1.571E+00	1.214E+03	-3.905E+02	1.589E+00
24	1	6	-2.102E-16	-1.753E-17	-2.429E-17	-3.871E+02	1.208E+03	-2.855E+01	-1.451E-17	-2.133E-16	1.571E+00	1.208E+03	-3.876E+02	1.589E+00
24	1	7	-2.079E-16	-1.781E-18	-1.091E-16	-3.491E+02	1.131E+03	3.666E+01	4.528E-17	-2.549E-16	1.571E+00	1.132E+03	-3.500E+02	1.546E+00
24	1	8	-2.102E-16	-1.753E-17	-2.429E-17	-3.462E+02	1.125E+03	3.660E+01	-1.451E-17	-2.133E-16	1.571E+00	1.126E+03	-3.471E+02	1.546E+00
24	1	9	2.102E-16	1.753E-17	2.429E-17	-1.960E+03	5.001E+02	1.833E+02	2.133E-16	1.451E-17	0.000E+00	5.137E+02	-1.973E+03	1.497E+00
24	1	10	2.079E-16	1.781E-18	1.091E-16	-1.957E+03	4.940E+02	1.832E+02	2.549E-16	-4.528E-17	0.000E+00	5.076E+02	-1.971E+03	1.497E+00
24	1	11	2.102E-16	1.753E-17	2.429E-17	-1.919E+03	4.173E+02	2.484E+02	2.133E-16	1.451E-17	0.000E+00	4.434E+02	-1.945E+03	1.466E+00
24	1	12	2.079E-16	1.781E-18	1.091E-16	-1.916E+03	4.112E+02	2.484E+02	2.549E-16	-4.528E-17	0.000E+00	4.374E+02	-1.942E+03	1.466E+00
24	1	13	-2.079E-16	-1.781E-18	-1.091E-16	-1.938E+03	5.404E+02	2.206E+02	4.528E-17	-2.549E-16	1.571E+00	5.599E+02	-1.957E+03	1.483E+00
24	1	14	-2.102E-16	-1.753E-17	-2.429E-17	-1.935E+03	5.343E+02	2.205E+02	-1.451E-17	-2.133E-16	1.571E+00	5.538E+02	-1.954E+03	1.482E+00

24	1	15	-2.079E-16	-1.781E-18	-1.091E-16	-1.897E+03	4.576E+02	2.857E+02	4.528E-17	-2.549E-16	1.571E+00	4.918E+02	-1.931E+03	1.452E+00
24	1	16	-2.102E-16	-1.753E-17	-2.429E-17	-1.894E+03	4.515E+02	2.857E+02	-1.451E-17	-2.133E-16	1.571E+00	4.858E+02	-1.928E+03	1.451E+00
24	2	1	-5.757E-17	1.873E-16	1.499E-32	1.739E-01	1.518E+02	-4.766E+02	1.873E-16	-5.757E-17	1.571E+00	5.586E+02	-4.066E+02	2.277E+00
24	2	2	2.367E-17	9.084E-17	4.113E-33	2.680E+00	1.462E+02	-4.749E+02	9.084E-17	2.367E-17	1.571E+00	5.547E+02	-4.058E+02	2.281E+00
24	2	3	-5.757E-17	1.873E-16	1.499E-32	1.742E+01	9.545E+01	-4.028E+02	1.873E-16	-5.757E-17	1.571E+00	4.612E+02	-3.483E+02	2.308E+00
24	2	4	2.367E-17	9.084E-17	4.113E-33	1.993E+01	8.988E+01	-4.011E+02	9.084E-17	2.367E-17	1.571E+00	4.575E+02	-3.477E+02	2.313E+00
24	2	5	-2.367E-17	-9.084E-17	-4.113E-33	6.140E+00	1.761E+02	-4.342E+02	-2.367E-17	-9.084E-17	0.000E+00	5.335E+02	-3.513E+02	2.260E+00
24	2	6	5.757E-17	-1.873E-16	-1.499E-32	8.647E+00	1.705E+02	-4.325E+02	5.757E-17	-1.873E-16	0.000E+00	5.295E+02	-3.504E+02	2.264E+00
24	2	7	-2.367E-17	-9.084E-17	-4.113E-33	2.339E+01	1.197E+02	-3.604E+02	-2.367E-17	-9.084E-17	0.000E+00	4.352E+02	-2.921E+02	2.290E+00
24	2	8	5.757E-17	-1.873E-16	-1.499E-32	2.589E+01	1.141E+02	-3.587E+02	5.757E-17	-1.873E-16	0.000E+00	4.314E+02	-2.914E+02	2.295E+00
24	2	9	-5.757E-17	1.873E-16	1.499E-32	-3.587E+02	3.896E+02	-2.359E+02	1.873E-16	-5.757E-17	1.571E+00	4.577E+02	-4.268E+02	1.852E+00
24	2	10	2.367E-17	9.084E-17	4.113E-33	-3.562E+02	3.840E+02	-2.341E+02	9.084E-17	2.367E-17	1.571E+00	4.519E+02	-4.240E+02	1.853E+00
24	2	11	-5.757E-17	1.873E-16	1.499E-32	-3.414E+02	3.332E+02	-1.621E+02	1.873E-16	-5.757E-17	1.571E+00	3.702E+02	-3.784E+02	1.795E+00
24	2	12	2.367E-17	9.084E-17	4.113E-33	-3.389E+02	3.277E+02	-1.604E+02	9.084E-17	2.367E-17	1.571E+00	3.642E+02	-3.755E+02	1.795E+00
24	2	13	-2.367E-17	-9.084E-17	-4.113E-33	-3.527E+02	4.138E+02	-1.935E+02	-2.367E-17	-9.084E-17	0.000E+00	4.599E+02	-3.988E+02	1.805E+00
24	2	14	5.757E-17	-1.873E-16	-1.499E-32	-3.502E+02	4.083E+02	-1.917E+02	5.757E-17	-1.873E-16	0.000E+00	4.540E+02	-3.959E+02	1.805E+00
24	2	15	-2.367E-17	-9.084E-17	-4.113E-33	-3.355E+02	3.575E+02	-1.197E+02	-2.367E-17	-9.084E-17	0.000E+00	3.776E+02	-3.556E+02	1.737E+00
24	2	16	5.757E-17	-1.873E-16	-1.499E-32	-3.330E+02	3.519E+02	-1.180E+02	5.757E-17	-1.873E-16	0.000E+00	3.716E+02	-3.527E+02	1.737E+00
24	3	1	1.312E-16	-9.658E-17	-2.789E-32	4.705E+02	-8.492E+02	6.050E+01	1.312E-16	-9.658E-17	0.000E+00	4.733E+02	-8.519E+02	4.572E-02
24	3	2	2.914E-17	-1.266E-17	-5.119E-33	4.694E+02	-8.569E+02	6.364E+01	2.914E-17	-1.266E-17	0.000E+00	4.725E+02	-8.599E+02	4.784E-02
24	3	3	1.312E-16	-9.658E-17	-2.789E-32	4.600E+02	-8.956E+02	1.400E+02	1.312E-16	-9.658E-17	0.000E+00	4.743E+02	-9.099E+02	1.018E-01
24	3	4	2.914E-17	-1.266E-17	-5.119E-33	4.590E+02	-9.033E+02	1.431E+02	2.914E-17	-1.266E-17	0.000E+00	4.739E+02	-9.182E+02	1.035E-01
24	3	5	-2.914E-17	1.266E-17	5.119E-33	4.750E+02	-8.457E+02	1.058E+02	1.266E-17	-2.914E-17	1.571E+00	4.834E+02	-8.541E+02	7.942E-02
24	3	6	-1.312E-16	9.658E-17	2.789E-32	4.739E+02	-8.534E+02	1.089E+02	9.658E-17	-1.312E-16	1.571E+00	4.828E+02	-8.623E+02	8.134E-02
24	3	7	-2.914E-17	1.266E-17	5.119E-33	4.645E+02	-8.921E+02	1.852E+02	1.266E-17	-2.914E-17	1.571E+00	4.894E+02	-9.170E+02	1.333E-01
24	3	8	-1.312E-16	9.658E-17	2.789E-32	4.635E+02	-8.999E+02	1.884E+02	9.658E-17	-1.312E-16	1.571E+00	4.890E+02	-9.254E+02	1.348E-01
24	3	9	1.312E-16	-9.658E-17	-2.789E-32	-1.280E+03	4.617E+01	1.266E+02	1.312E-16	-9.658E-17	0.000E+00	5.814E+01	-1.292E+03	1.477E+00
24	3	10	2.914E-17	-1.266E-17	-5.119E-33	-1.282E+03	3.847E+01	1.297E+02	2.914E-17	-1.266E-17	0.000E+00	5.109E+01	-1.294E+03	1.474E+00
24	3	11	1.312E-16	-9.658E-17	-2.789E-32	-1.291E+03	-2.440E-01	2.060E+02	1.312E-16	-9.658E-17	0.000E+00	3.185E+01	-1.323E+03	1.416E+00
24	3	12	2.914E-17	-1.266E-17	-5.119E-33	-1.292E+03	-7.952E+00	2.092E+02	2.914E-17	-1.266E-17	0.000E+00	2.526E+01	-1.325E+03	1.413E+00
24	3	13	-2.914E-17	1.266E-17	5.119E-33	-1.276E+03	4.963E+01	1.718E+02	1.266E-17	-2.914E-17	1.571E+00	7.154E+01	-1.298E+03	1.444E+00
24	3	14	-1.312E-16	9.658E-17	2.789E-32	-1.277E+03	4.192E+01	1.750E+02	9.658E-17	-1.312E-16	1.571E+00	6.474E+01	-1.300E+03	1.441E+00
24	3	15	-2.914E-17	1.266E-17	5.119E-33	-1.286E+03	3.208E+00	2.513E+02	1.266E-17	-2.914E-17	1.571E+00	5.045E+01	-1.334E+03	1.385E+00
24	3	16	-1.312E-16	9.658E-17	2.789E-32	-1.287E+03	-4.500E+00	2.545E+02	9.658E-17	-1.312E-16	1.571E+00	4.412E+01	-1.336E+03	1.382E+00
24	4	1	-6.150E-17	1.941E-16	-1.565E-32	1.808E+02	1.551E+02	-6.656E+02	1.941E-16	-6.150E-17	1.571E+00	8.337E+02	-4.978E+02	-7.757E-01
24	4	2	1.736E-17	9.427E-17	-4.709E-33	1.806E+02	1.468E+02	-6.627E+02	9.427E-17	1.736E-17	1.571E+00	8.266E+02	-4.992E+02	-7.726E-01
24	4	3	-6.150E-17	1.941E-16	-1.565E-32	2.101E+02	9.219E+01	-5.801E+02	1.941E-16	-6.150E-17	1.571E+00	7.343E+02	-4.320E+02	-7.348E-01
24	4	4	1.736E-17	9.427E-17	-4.709E-33	2.099E+02	8.389E+01	-5.772E+02	9.427E-17	1.736E-17	1.571E+00	7.275E+02	-4.337E+02	-7.310E-01
24	4	5	-1.736E-17	-9.427E-17	4.709E-33	1.974E+02	1.750E+02	-6.167E+02	-1.736E-17	-9.427E-17	0.000E+00	8.030E+02	-4.307E+02	-7.763E-01
24	4	6	6.150E-17	-1.941E-16	1.565E-32	1.972E+02	1.667E+02	-6.138E+02	6.150E-17	-1.941E-16	0.000E+00	7.959E+02	-4.321E+02	-7.730E-01
24	4	7	-1.736E-17	-9.427E-17	4.709E-33	2.267E+02	1.121E+02	-5.313E+02	-1.736E-17	-9.427E-17	0.000E+00	7.037E+02	-3.649E+02	-7.317E-01
24	4	8	6.150E-17	-1.941E-16	1.565E-32	2.265E+02	1.038E+02	-5.283E+02	6.150E-17	-1.941E-16	0.000E+00	6.970E+02	-3.667E+02	-7.276E-01
24	4	9	-6.150E-17	1.941E-16	-1.565E-32	-2.731E+03	1.364E+02	-4.195E+02	1.941E-16	-6.150E-17	1.571E+00	1.965E+02	-2.791E+03	1.713E+00

24	4	10	1.736E-17	9.427E-17	-4.709E-33	-2.731E+03	1.281E+02	-4.166E+02	9.427E-17	1.736E-17	1.571E+00	1.876E+02	-2.791E+03	1.713E+00
24	4	11	-6.150E-17	1.941E-16	-1.565E-32	-2.702E+03	7.354E+01	-3.341E+02	1.941E-16	-6.150E-17	1.571E+00	1.132E+02	-2.742E+03	1.689E+00
24	4	12	1.736E-17	9.427E-17	-4.709E-33	-2.702E+03	6.524E+01	-3.311E+02	9.427E-17	1.736E-17	1.571E+00	1.043E+02	-2.741E+03	1.688E+00
24	4	13	-1.736E-17	-9.427E-17	4.709E-33	-2.715E+03	1.563E+02	-3.707E+02	-1.736E-17	-9.427E-17	0.000E+00	2.034E+02	-2.762E+03	1.697E+00
24	4	14	6.150E-17	-1.941E-16	1.565E-32	-2.715E+03	1.480E+02	-3.677E+02	6.150E-17	-1.941E-16	0.000E+00	1.945E+02	-2.761E+03	1.697E+00
24	4	15	-1.736E-17	-9.427E-17	4.709E-33	-2.685E+03	9.344E+01	-2.852E+02	-1.736E-17	-9.427E-17	0.000E+00	1.224E+02	-2.714E+03	1.672E+00
24	4	16	6.150E-17	-1.941E-16	1.565E-32	-2.686E+03	8.514E+01	-2.822E+02	6.150E-17	-1.941E-16	0.000E+00	1.136E+02	-2.714E+03	1.671E+00
25	1	1	5.097E-13	3.398E-12	-3.463E-13	-5.062E+02	-4.064E+02	3.582E+03	3.439E-12	4.687E-13	1.571E+00	3.126E+03	-4.039E+03	7.924E-01
25	1	2	5.066E-13	3.377E-12	-3.375E-13	-4.546E+02	-3.772E+02	3.546E+03	3.417E-12	4.675E-13	1.571E+00	3.131E+03	-3.963E+03	7.909E-01
25	1	3	4.793E-13	3.195E-12	-2.945E-13	-1.741E+02	-1.363E+02	3.125E+03	3.227E-12	4.477E-13	1.571E+00	2.970E+03	-3.281E+03	7.884E-01
25	1	4	4.762E-13	3.174E-12	-2.857E-13	-1.225E+02	-1.071E+02	3.090E+03	3.204E-12	4.463E-13	1.571E+00	2.975E+03	-3.205E+03	7.866E-01
25	1	5	4.948E-13	3.299E-12	-3.370E-13	-4.134E+02	-2.791E+02	3.341E+03	3.339E-12	4.549E-13	1.571E+00	2.995E+03	-3.687E+03	7.954E-01
25	1	6	4.918E-13	3.278E-12	-3.282E-13	-3.618E+02	-2.499E+02	3.305E+03	3.316E-12	4.536E-13	1.571E+00	3.000E+03	-3.611E+03	7.939E-01
25	1	7	4.644E-13	3.096E-12	-2.852E-13	-8.126E+01	-8.978E+00	2.884E+03	3.127E-12	4.338E-13	1.571E+00	2.839E+03	-2.929E+03	7.917E-01
25	1	8	4.613E-13	3.075E-12	-2.764E-13	-2.969E+01	2.020E+01	2.848E+03	3.104E-12	4.324E-13	1.571E+00	2.844E+03	-2.853E+03	7.898E-01
25	1	9	-4.130E-13	-2.753E-12	2.430E-13	-1.183E+02	-9.999E+02	-1.806E+03	-3.880E-13	-2.778E-12	0.000E+00	1.300E+03	-2.418E+03	-6.657E-01
25	1	10	-4.160E-13	-2.774E-12	2.518E-13	-6.672E+01	-9.707E+02	-1.841E+03	-3.894E-13	-2.800E-12	0.000E+00	1.377E+03	-2.415E+03	-6.650E-01
25	1	11	-4.434E-13	-2.956E-12	2.948E-13	2.138E+02	-7.297E+02	-2.262E+03	-4.093E-13	-2.990E-12	0.000E+00	2.053E+03	-2.569E+03	-6.826E-01
25	1	12	-4.465E-13	-2.976E-12	3.036E-13	2.654E+02	-7.006E+02	-2.298E+03	-4.106E-13	-3.012E-12	0.000E+00	2.131E+03	-2.566E+03	-6.818E-01
25	1	13	-4.278E-13	-2.852E-12	2.523E-13	-2.546E+01	-8.726E+02	-2.047E+03	-4.018E-13	-2.878E-12	0.000E+00	1.642E+03	-2.540E+03	-6.834E-01
25	1	14	-4.309E-13	-2.873E-12	2.611E-13	2.611E+01	-8.434E+02	-2.083E+03	-4.033E-13	-2.900E-12	0.000E+00	1.719E+03	-2.536E+03	-6.825E-01
25	1	15	-4.583E-13	-3.055E-12	3.041E-13	3.067E+02	-6.025E+02	-2.504E+03	-4.231E-13	-3.090E-12	0.000E+00	2.397E+03	-2.693E+03	-6.956E-01
25	1	16	-4.613E-13	-3.076E-12	3.129E-13	3.582E+02	-5.733E+02	-2.539E+03	-4.244E-13	-3.112E-12	0.000E+00	2.474E+03	-2.689E+03	-6.947E-01
25	2	1	-1.955E-13	3.684E-13	3.445E-29	-1.238E+03	3.189E+03	1.758E+03	3.684E-13	-1.955E-13	1.571E+00	3.802E+03	-1.851E+03	1.235E+00
25	2	2	-1.952E-13	3.637E-13	3.415E-29	-1.224E+03	3.241E+03	1.719E+03	3.637E-13	-1.952E-13	1.571E+00	3.826E+03	-1.809E+03	1.243E+00
25	2	3	-1.810E-13	3.327E-13	3.153E-29	-1.155E+03	3.526E+03	1.300E+03	3.327E-13	-1.810E-13	1.571E+00	3.863E+03	-1.492E+03	1.317E+00
25	2	4	-1.807E-13	3.281E-13	3.123E-29	-1.141E+03	3.578E+03	1.261E+03	3.281E-13	-1.807E-13	1.571E+00	3.894E+03	-1.457E+03	1.325E+00
25	2	5	-1.898E-13	3.579E-13	3.346E-29	-1.233E+03	3.285E+03	1.521E+03	3.579E-13	-1.898E-13	1.571E+00	3.750E+03	-1.697E+03	1.275E+00
25	2	6	-1.895E-13	3.533E-13	3.315E-29	-1.219E+03	3.337E+03	1.482E+03	3.533E-13	-1.895E-13	1.571E+00	3.777E+03	-1.658E+03	1.282E+00
25	2	7	-1.752E-13	3.223E-13	3.054E-29	-1.150E+03	3.623E+03	1.063E+03	3.223E-13	-1.752E-13	1.571E+00	3.849E+03	-1.376E+03	1.361E+00
25	2	8	-1.749E-13	3.176E-13	3.024E-29	-1.135E+03	3.675E+03	1.024E+03	3.176E-13	-1.749E-13	1.571E+00	3.884E+03	-1.344E+03	1.369E+00
25	2	9	1.570E-13	-2.827E-13	-2.700E-29	-8.365E+03	-3.182E+03	-1.297E+03	1.570E-13	-2.827E-13	0.000E+00	-2.875E+03	-8.671E+03	1.803E+00
25	2	10	1.573E-13	-2.874E-13	-2.730E-29	-8.351E+03	-3.130E+03	-1.336E+03	1.573E-13	-2.874E-13	0.000E+00	-2.808E+03	-8.673E+03	1.807E+00
25	2	11	1.715E-13	-3.184E-13	-2.992E-29	-8.282E+03	-2.845E+03	-1.754E+03	1.715E-13	-3.184E-13	0.000E+00	-2.328E+03	-8.798E+03	1.857E+00
25	2	12	1.718E-13	-3.230E-13	-3.022E-29	-8.267E+03	-2.793E+03	-1.793E+03	1.718E-13	-3.230E-13	0.000E+00	-2.258E+03	-8.802E+03	1.861E+00
25	2	13	1.627E-13	-2.932E-13	-2.799E-29	-8.360E+03	-3.085E+03	-1.534E+03	1.627E-13	-2.932E-13	0.000E+00	-2.672E+03	-8.773E+03	1.834E+00
25	2	14	1.630E-13	-2.978E-13	-2.830E-29	-8.345E+03	-3.033E+03	-1.572E+03	1.630E-13	-2.978E-13	0.000E+00	-2.603E+03	-8.776E+03	1.838E+00
25	2	15	1.773E-13	-3.288E-13	-3.091E-29	-8.276E+03	-2.748E+03	-1.991E+03	1.773E-13	-3.288E-13	0.000E+00	-2.106E+03	-8.919E+03	1.883E+00
25	2	16	1.776E-13	-3.335E-13	-3.122E-29	-8.262E+03	-2.696E+03	-2.030E+03	1.776E-13	-3.335E-13	0.000E+00	-2.034E+03	-8.924E+03	1.886E+00
25	3	1	3.433E-12	4.630E-13	-3.624E-28	-4.028E+02	-5.852E+01	3.949E+03	3.433E-12	4.630E-13	0.000E+00	3.722E+03	-4.184E+03	8.072E-01
25	3	2	3.411E-12	4.592E-13	-3.601E-28	-3.565E+02	-4.000E+01	3.904E+03	3.411E-12	4.592E-13	0.000E+00	3.709E+03	-4.105E+03	8.057E-01
25	3	3	3.194E-12	4.843E-13	-3.333E-28	-1.171E+02	7.995E+01	3.419E+03	3.194E-12	4.843E-13	0.000E+00	3.402E+03	-3.439E+03	7.998E-01
25	3	4	3.172E-12	4.804E-13	-3.310E-28	-7.071E+01	9.847E+01	3.373E+03	3.172E-12	4.804E-13	0.000E+00	3.388E+03	-3.361E+03	7.979E-01

25	3	5	3.334E-12	4.490E-13	-3.519E-28	-3.401E+02	-4.287E+00	3.675E+03	3.334E-12	4.490E-13	0.000E+00	3.507E+03	-3.851E+03	8.082E-01
25	3	6	3.311E-12	4.451E-13	-3.496E-28	-2.937E+02	1.423E+01	3.630E+03	3.311E-12	4.451E-13	0.000E+00	3.493E+03	-3.773E+03	8.066E-01
25	3	7	3.095E-12	4.702E-13	-3.228E-28	-5.431E+01	1.342E+02	3.145E+03	3.095E-12	4.702E-13	0.000E+00	3.186E+03	-3.106E+03	8.004E-01
25	3	8	3.072E-12	4.663E-13	-3.205E-28	-7.920E+00	1.527E+02	3.099E+03	3.072E-12	4.663E-13	0.000E+00	3.173E+03	-3.028E+03	7.984E-01
25	3	9	-2.748E-12	-4.185E-13	2.867E-28	7.803E+01	1.500E+02	-5.745E+03	-4.185E-13	-2.748E-12	1.571E+00	5.860E+03	-5.631E+03	2.353E+00
25	3	10	-2.771E-12	-4.224E-13	2.890E-28	1.244E+02	1.686E+02	-5.791E+03	-4.224E-13	-2.771E-12	1.571E+00	5.937E+03	-5.644E+03	2.354E+00
25	3	11	-2.988E-12	-3.973E-13	3.158E-28	3.638E+02	2.885E+02	-6.276E+03	-3.973E-13	-2.988E-12	1.571E+00	6.602E+03	-5.950E+03	-7.824E-01
25	3	12	-3.010E-12	-4.012E-13	3.181E-28	4.102E+02	3.070E+02	-6.321E+03	-4.012E-13	-3.010E-12	1.571E+00	6.680E+03	-5.963E+03	-7.813E-01
25	3	13	-2.848E-12	-4.326E-13	2.972E-28	1.408E+02	2.043E+02	-6.019E+03	-4.326E-13	-2.848E-12	1.571E+00	6.192E+03	-5.847E+03	2.354E+00
25	3	14	-2.871E-12	-4.364E-13	2.995E-28	1.872E+02	2.228E+02	-6.065E+03	-4.364E-13	-2.871E-12	1.571E+00	6.270E+03	-5.860E+03	2.355E+00
25	3	15	-3.087E-12	-4.113E-13	3.263E-28	4.266E+02	3.427E+02	-6.550E+03	-4.113E-13	-3.087E-12	1.571E+00	6.935E+03	-6.165E+03	-7.822E-01
25	3	16	-3.110E-12	-4.152E-13	3.286E-28	4.730E+02	3.613E+02	-6.595E+03	-4.152E-13	-3.110E-12	1.571E+00	7.013E+03	-6.178E+03	-7.812E-01
25	4	1	8.050E-13	6.823E-12	-3.677E-28	3.069E+02	-3.859E+03	-1.404E+03	6.823E-12	8.050E-13	1.571E+00	7.359E+02	-4.288E+03	-2.965E-01
25	4	2	8.033E-13	6.779E-12	-3.651E-28	3.917E+02	-3.855E+03	-1.429E+03	6.779E-12	8.033E-13	1.571E+00	8.281E+02	-4.291E+03	-2.963E-01
25	4	3	8.516E-13	6.352E-12	-3.377E-28	8.541E+02	-3.653E+03	-1.717E+03	6.352E-12	8.516E-13	1.571E+00	1.434E+03	-4.233E+03	-3.256E-01
25	4	4	8.500E-13	6.308E-12	-3.350E-28	9.389E+02	-3.648E+03	-1.743E+03	6.308E-12	8.500E-13	1.571E+00	1.526E+03	-4.235E+03	-3.249E-01
25	4	5	7.801E-13	6.625E-12	-3.571E-28	4.609E+02	-3.742E+03	-1.569E+03	6.625E-12	7.801E-13	1.571E+00	9.818E+02	-4.263E+03	-3.206E-01
25	4	6	7.785E-13	6.581E-12	-3.545E-28	5.457E+02	-3.737E+03	-1.594E+03	6.581E-12	7.785E-13	1.571E+00	1.074E+03	-4.265E+03	-3.199E-01
25	4	7	8.268E-13	6.154E-12	-3.271E-28	1.008E+03	-3.536E+03	-1.882E+03	6.154E-12	8.268E-13	1.571E+00	1.686E+03	-4.214E+03	-3.459E-01
25	4	8	8.252E-13	6.110E-12	-3.244E-28	1.093E+03	-3.531E+03	-1.907E+03	6.110E-12	8.252E-13	1.571E+00	1.778E+03	-4.216E+03	-3.449E-01
25	4	9	-7.437E-13	-5.466E-12	2.900E-28	8.282E+03	1.947E+03	1.543E+03	-7.437E-13	-5.466E-12	0.000E+00	8.637E+03	1.592E+03	2.266E-01
25	4	10	-7.453E-13	-5.511E-12	2.926E-28	8.366E+03	1.952E+03	1.517E+03	-7.453E-13	-5.511E-12	0.000E+00	8.707E+03	1.611E+03	2.209E-01
25	4	11	-6.970E-13	-5.937E-12	3.200E-28	8.829E+03	2.154E+03	1.229E+03	-6.970E-13	-5.937E-12	0.000E+00	9.048E+03	1.934E+03	1.764E-01
25	4	12	-6.986E-13	-5.982E-12	3.226E-28	8.914E+03	2.158E+03	1.204E+03	-6.986E-13	-5.982E-12	0.000E+00	9.122E+03	1.950E+03	1.712E-01
25	4	13	-7.686E-13	-5.664E-12	3.006E-28	8.436E+03	2.065E+03	1.378E+03	-7.686E-13	-5.664E-12	0.000E+00	8.721E+03	1.779E+03	2.041E-01
25	4	14	-7.702E-13	-5.709E-12	3.032E-28	8.520E+03	2.069E+03	1.353E+03	-7.702E-13	-5.709E-12	0.000E+00	8.793E+03	1.797E+03	1.985E-01
25	4	15	-7.219E-13	-6.135E-12	3.306E-28	8.983E+03	2.271E+03	1.065E+03	-7.219E-13	-6.135E-12	0.000E+00	9.148E+03	2.106E+03	1.536E-01
25	4	16	-7.235E-13	-6.180E-12	3.332E-28	9.068E+03	2.276E+03	1.039E+03	-7.235E-13	-6.180E-12	0.000E+00	9.223E+03	2.120E+03	1.485E-01
26	1	1	-1.645E-13	-1.188E-12	-3.244E-13	9.088E+02	8.693E+03	2.285E+03	-7.031E-14	-1.282E-12	0.000E+00	9.314E+03	2.874E+02	1.305E+00
26	1	2	-1.692E-13	-1.181E-12	-3.249E-13	9.496E+02	8.680E+03	2.247E+03	-7.378E-14	-1.276E-12	0.000E+00	9.286E+03	3.438E+02	1.307E+00
26	1	3	-1.947E-13	-1.117E-12	-3.070E-13	1.149E+03	8.366E+03	1.849E+03	-1.019E-13	-1.210E-12	0.000E+00	8.812E+03	7.028E+02	1.334E+00
26	1	4	-1.994E-13	-1.110E-12	-3.075E-13	1.190E+03	8.353E+03	1.811E+03	-1.052E-13	-1.204E-12	0.000E+00	8.785E+03	7.579E+02	1.337E+00
26	1	5	-1.588E-13	-1.154E-12	-3.147E-13	9.335E+02	8.509E+03	2.061E+03	-6.763E-14	-1.245E-12	0.000E+00	9.034E+03	4.089E+02	1.322E+00
26	1	6	-1.635E-13	-1.147E-12	-3.152E-13	9.742E+02	8.496E+03	2.023E+03	-7.110E-14	-1.239E-12	0.000E+00	9.006E+03	4.646E+02	1.324E+00
26	1	7	-1.890E-13	-1.083E-12	-2.973E-13	1.174E+03	8.182E+03	1.625E+03	-9.919E-14	-1.173E-12	0.000E+00	8.540E+03	8.152E+02	1.354E+00
26	1	8	-1.937E-13	-1.075E-12	-2.978E-13	1.215E+03	8.169E+03	1.587E+03	-1.026E-13	-1.167E-12	0.000E+00	8.514E+03	8.694E+02	1.357E+00
26	1	9	1.780E-13	9.627E-13	2.677E-13	-1.254E+03	-7.908E+03	-4.556E+03	1.045E-12	9.537E-14	1.571E+00	1.060E+03	-1.022E+04	-4.700E-01
26	1	10	1.733E-13	9.699E-13	2.672E-13	-1.213E+03	-7.921E+03	-4.594E+03	1.051E-12	9.201E-14	1.571E+00	1.121E+03	-1.026E+04	-4.701E-01
26	1	11	1.478E-13	1.034E-12	2.852E-13	-1.014E+03	-8.235E+03	-4.992E+03	1.118E-12	6.394E-14	1.571E+00	1.536E+03	-1.079E+04	-4.723E-01
26	1	12	1.431E-13	1.041E-12	2.847E-13	-9.730E+02	-8.248E+03	-5.030E+03	1.124E-12	6.048E-14	1.571E+00	1.597E+03	-1.082E+04	-4.723E-01
26	1	13	1.837E-13	9.970E-13	2.774E-13	-1.229E+03	-8.092E+03	-4.780E+03	1.083E-12	9.804E-14	1.571E+00	1.223E+03	-1.054E+04	-4.741E-01
26	1	14	1.790E-13	1.004E-12	2.769E-13	-1.189E+03	-8.105E+03	-4.818E+03	1.089E-12	9.468E-14	1.571E+00	1.284E+03	-1.058E+04	-4.741E-01
26	1	15	1.534E-13	1.068E-12	2.949E-13	-9.891E+02	-8.419E+03	-5.216E+03	1.155E-12	6.662E-14	1.571E+00	1.700E+03	-1.111E+04	-4.759E-01

26	1	16	1.488E-13	1.075E-12	2.944E-13	-9.483E+02	-8.432E+03	-5.254E+03	1.161E-12	6.316E-14	1.571E+00	1.760E+03	-1.114E+04	-4.760E-01
26	2	1	-4.569E-13	1.421E-13	3.656E-29	-3.633E+03	2.267E+03	-6.985E+00	1.421E-13	-4.569E-13	1.571E+00	2.267E+03	-3.633E+03	1.572E+00
26	2	2	-4.563E-13	1.399E-13	3.639E-29	-3.614E+03	2.269E+03	-3.664E+01	1.399E-13	-4.563E-13	1.571E+00	2.269E+03	-3.614E+03	1.577E+00
26	2	3	-4.289E-13	1.213E-13	3.380E-29	-3.500E+03	2.290E+03	-3.371E+02	1.213E-13	-4.289E-13	1.571E+00	2.310E+03	-3.519E+03	1.629E+00
26	2	4	-4.283E-13	1.191E-13	3.364E-29	-3.481E+03	2.293E+03	-3.667E+02	1.191E-13	-4.283E-13	1.571E+00	2.316E+03	-3.504E+03	1.634E+00
26	2	5	-4.434E-13	1.380E-13	3.549E-29	-3.585E+03	2.257E+03	-1.756E+02	1.380E-13	-4.434E-13	1.571E+00	2.262E+03	-3.591E+03	1.601E+00
26	2	6	-4.428E-13	1.359E-13	3.532E-29	-3.566E+03	2.259E+03	-2.052E+02	1.359E-13	-4.428E-13	1.571E+00	2.266E+03	-3.574E+03	1.606E+00
26	2	7	-4.154E-13	1.173E-13	3.273E-29	-3.452E+03	2.280E+03	-5.057E+02	1.173E-13	-4.154E-13	1.571E+00	2.324E+03	-3.497E+03	1.658E+00
26	2	8	-4.148E-13	1.151E-13	3.256E-29	-3.433E+03	2.283E+03	-5.353E+02	1.151E-13	-4.148E-13	1.571E+00	2.332E+03	-3.483E+03	1.663E+00
26	2	9	3.724E-13	-1.020E-13	-2.916E-29	-3.372E+03	-5.187E+03	-9.289E+02	3.724E-13	-1.020E-13	0.000E+00	-2.981E+03	-5.578E+03	-3.986E-01
26	2	10	3.730E-13	-1.041E-13	-2.933E-29	-3.353E+03	-5.184E+03	-9.586E+02	3.730E-13	-1.041E-13	0.000E+00	-2.943E+03	-5.594E+03	-4.042E-01
26	2	11	4.004E-13	-1.228E-13	-3.192E-29	-3.239E+03	-5.163E+03	-1.259E+03	4.004E-13	-1.228E-13	0.000E+00	-2.617E+03	-5.786E+03	-4.592E-01
26	2	12	4.009E-13	-1.249E-13	-3.208E-29	-3.220E+03	-5.161E+03	-1.289E+03	4.009E-13	-1.249E-13	0.000E+00	-2.577E+03	-5.804E+03	-4.627E-01
26	2	13	3.859E-13	-1.060E-13	-3.024E-29	-3.325E+03	-5.197E+03	-1.098E+03	3.859E-13	-1.060E-13	0.000E+00	-2.818E+03	-5.703E+03	-4.323E-01
26	2	14	3.865E-13	-1.082E-13	-3.040E-29	-3.306E+03	-5.194E+03	-1.127E+03	3.865E-13	-1.082E-13	0.000E+00	-2.780E+03	-5.720E+03	-4.368E-01
26	2	15	4.139E-13	-1.268E-13	-3.299E-29	-3.192E+03	-5.173E+03	-1.428E+03	4.139E-13	-1.268E-13	0.000E+00	-2.445E+03	-5.920E+03	-4.821E-01
26	2	16	4.144E-13	-1.290E-13	-3.316E-29	-3.173E+03	-5.171E+03	-1.457E+03	4.144E-13	-1.290E-13	0.000E+00	-2.405E+03	-5.938E+03	-4.849E-01
26	3	1	-1.222E-13	-1.240E-12	-1.365E-28	6.526E+02	3.792E+03	-8.734E+02	-1.222E-13	-1.240E-12	0.000E+00	4.018E+03	4.260E+02	1.825E+00
26	3	2	-1.216E-13	-1.235E-12	-1.359E-28	6.633E+02	3.750E+03	-8.912E+02	-1.216E-13	-1.235E-12	0.000E+00	3.989E+03	4.244E+02	1.833E+00
26	3	3	-1.335E-13	-1.161E-12	-1.262E-28	7.334E+02	3.471E+03	-1.087E+03	-1.335E-13	-1.161E-12	0.000E+00	3.850E+03	3.544E+02	1.906E+00
26	3	4	-1.330E-13	-1.156E-12	-1.256E-28	7.441E+02	3.430E+03	-1.105E+03	-1.330E-13	-1.156E-12	0.000E+00	3.826E+03	3.481E+02	1.915E+00
26	3	5	-1.184E-13	-1.204E-12	-1.326E-28	6.271E+02	3.660E+03	-9.861E+02	-1.184E-13	-1.204E-12	0.000E+00	3.953E+03	3.346E+02	1.859E+00
26	3	6	-1.179E-13	-1.199E-12	-1.320E-28	6.377E+02	3.619E+03	-1.004E+03	-1.179E-13	-1.199E-12	0.000E+00	3.926E+03	3.311E+02	1.867E+00
26	3	7	-1.298E-13	-1.125E-12	-1.223E-28	7.079E+02	3.340E+03	-1.200E+03	-1.298E-13	-1.125E-12	0.000E+00	3.805E+03	2.431E+02	1.940E+00
26	3	8	-1.293E-13	-1.120E-12	-1.217E-28	7.186E+02	3.299E+03	-1.218E+03	-1.293E-13	-1.120E-12	0.000E+00	3.783E+03	2.347E+02	1.949E+00
26	3	9	1.166E-13	1.003E-12	1.090E-28	-8.334E+02	-7.453E+03	-2.029E+03	1.003E-12	1.166E-13	1.571E+00	-2.610E+02	-8.026E+03	-2.750E-01
26	3	10	1.171E-13	1.009E-12	1.096E-28	-8.227E+02	-7.495E+03	-2.047E+03	1.009E-12	1.171E-13	1.571E+00	-2.447E+02	-8.072E+03	-2.752E-01
26	3	11	1.052E-13	1.082E-12	1.193E-28	-7.526E+02	-7.774E+03	-2.243E+03	1.082E-12	1.052E-13	1.571E+00	-9.736E+01	-8.429E+03	-2.842E-01
26	3	12	1.057E-13	1.088E-12	1.199E-28	-7.419E+02	-7.815E+03	-2.261E+03	1.088E-12	1.057E-13	1.571E+00	-8.111E+01	-8.476E+03	-2.844E-01
26	3	13	1.203E-13	1.039E-12	1.129E-28	-8.589E+02	-7.585E+03	-2.142E+03	1.039E-12	1.203E-13	1.571E+00	-2.348E+02	-8.209E+03	-2.836E-01
26	3	14	1.208E-13	1.044E-12	1.135E-28	-8.482E+02	-7.626E+03	-2.160E+03	1.044E-12	1.208E-13	1.571E+00	-2.185E+02	-8.255E+03	-2.837E-01
26	3	15	1.089E-13	1.118E-12	1.232E-28	-7.781E+02	-7.905E+03	-2.355E+03	1.118E-12	1.089E-13	1.571E+00	-6.997E+01	-8.613E+03	-2.920E-01
26	3	16	1.094E-13	1.124E-12	1.238E-28	-7.674E+02	-7.946E+03	-2.373E+03	1.124E-12	1.094E-13	1.571E+00	-5.371E+01	-8.660E+03	-2.921E-01
26	4	1	-2.380E-12	-3.108E-14	-1.436E-28	4.986E+03	1.159E+04	-1.336E+03	-3.108E-14	-2.380E-12	1.571E+00	1.185E+04	4.726E+03	1.763E+00
26	4	2	-2.367E-12	-3.406E-14	-1.426E-28	5.019E+03	1.153E+04	-1.335E+03	-3.406E-14	-2.367E-12	1.571E+00	1.179E+04	4.756E+03	1.765E+00
26	4	3	-2.220E-12	-6.737E-14	-1.320E-28	5.202E+03	1.089E+04	-1.507E+03	-6.737E-14	-2.220E-12	1.571E+00	1.127E+04	4.828E+03	1.814E+00
26	4	4	-2.207E-12	-7.035E-14	-1.311E-28	5.236E+03	1.083E+04	-1.506E+03	-7.035E-14	-2.207E-12	1.571E+00	1.121E+04	4.856E+03	1.818E+00
26	4	5	-2.311E-12	-2.954E-14	-1.395E-28	4.944E+03	1.124E+04	-1.434E+03	-2.954E-14	-2.311E-12	1.571E+00	1.155E+04	4.633E+03	1.785E+00
26	4	6	-2.298E-12	-3.252E-14	-1.385E-28	4.978E+03	1.117E+04	-1.433E+03	-3.252E-14	-2.298E-12	1.571E+00	1.149E+04	4.662E+03	1.787E+00
26	4	7	-2.152E-12	-6.583E-14	-1.279E-28	5.161E+03	1.054E+04	-1.605E+03	-6.583E-14	-2.152E-12	1.571E+00	1.098E+04	4.718E+03	1.840E+00
26	4	8	-2.139E-12	-6.881E-14	-1.270E-28	5.194E+03	1.048E+04	-1.604E+03	-6.881E-14	-2.139E-12	1.571E+00	1.093E+04	4.746E+03	1.844E+00
26	4	9	1.915E-12	6.461E-14	1.135E-28	1.747E+03	-1.350E+04	-5.928E+02	1.915E-12	6.461E-14	0.000E+00	1.770E+03	-1.352E+04	-3.880E-02
26	4	10	1.928E-12	6.163E-14	1.145E-28	1.781E+03	-1.356E+04	-5.913E+02	1.928E-12	6.163E-14	0.000E+00	1.804E+03	-1.359E+04	-3.846E-02

26	4	11	2.074E-12	2.832E-14	1.250E-28	1.964E+03	-1.420E+04	-7.635E+02	2.074E-12	2.832E-14	0.000E+00	2.000E+03	-1.423E+04	-4.711E-02
26	4	12	2.087E-12	2.534E-14	1.260E-28	1.998E+03	-1.426E+04	-7.620E+02	2.087E-12	2.534E-14	0.000E+00	2.033E+03	-1.429E+04	-4.674E-02
26	4	13	1.983E-12	6.615E-14	1.176E-28	1.706E+03	-1.385E+04	-6.908E+02	1.983E-12	6.615E-14	0.000E+00	1.737E+03	-1.388E+04	-4.428E-02
26	4	14	1.996E-12	6.317E-14	1.186E-28	1.739E+03	-1.392E+04	-6.892E+02	1.996E-12	6.317E-14	0.000E+00	1.770E+03	-1.395E+04	-4.391E-02
26	4	15	2.142E-12	2.986E-14	1.291E-28	1.923E+03	-1.455E+04	-8.615E+02	2.142E-12	2.986E-14	0.000E+00	1.968E+03	-1.460E+04	-5.211E-02
26	4	16	2.155E-12	2.688E-14	1.301E-28	1.956E+03	-1.461E+04	-8.600E+02	2.155E-12	2.688E-14	0.000E+00	2.001E+03	-1.466E+04	-5.172E-02
27	1	1	-1.227E-17	-1.073E-17	-8.764E-17	3.466E+02	2.357E+03	-8.859E+02	7.614E-17	-9.914E-17	1.571E+00	2.692E+03	1.195E+01	1.932E+00
27	1	2	9.504E-18	-7.677E-18	-9.468E-17	3.624E+02	2.354E+03	-8.960E+02	9.598E-17	-9.415E-17	0.000E+00	2.698E+03	1.870E+01	1.937E+00
27	1	3	-1.227E-17	-1.073E-17	-8.764E-17	4.456E+02	2.244E+03	-1.045E+03	7.614E-17	-9.914E-17	1.571E+00	2.724E+03	-3.395E+01	2.001E+00
27	1	4	9.504E-18	-7.677E-18	-9.468E-17	4.614E+02	2.242E+03	-1.055E+03	9.598E-17	-9.415E-17	0.000E+00	2.732E+03	-2.908E+01	2.006E+00
27	1	5	-9.504E-18	7.677E-18	9.468E-17	3.321E+02	2.293E+03	-9.735E+02	9.415E-17	-9.598E-17	1.571E+00	2.694E+03	-6.909E+01	1.962E+00
27	1	6	1.227E-17	1.073E-17	8.764E-17	3.479E+02	2.290E+03	-9.836E+02	9.914E-17	-7.614E-17	0.000E+00	2.702E+03	-6.316E+01	1.967E+00
27	1	7	-9.504E-18	7.677E-18	9.468E-17	4.310E+02	2.181E+03	-1.133E+03	9.415E-17	-9.598E-17	1.571E+00	2.737E+03	-1.255E+02	2.027E+00
27	1	8	1.227E-17	1.073E-17	8.764E-17	4.468E+02	2.178E+03	-1.143E+03	9.914E-17	-7.614E-17	0.000E+00	2.746E+03	-1.213E+02	2.032E+00
27	1	9	-1.227E-17	-1.073E-17	-8.764E-17	-6.963E+02	-7.247E+03	-1.126E+03	7.614E-17	-9.914E-17	1.571E+00	-5.082E+02	-7.436E+03	-1.656E-01
27	1	10	9.504E-18	-7.677E-18	-9.468E-17	-6.805E+02	-7.250E+03	-1.136E+03	9.598E-17	-9.415E-17	0.000E+00	-4.896E+02	-7.441E+03	-1.665E-01
27	1	11	-1.227E-17	-1.073E-17	-8.764E-17	-5.974E+02	-7.360E+03	-1.286E+03	7.614E-17	-9.914E-17	1.571E+00	-3.613E+02	-7.596E+03	-1.817E-01
27	1	12	9.504E-18	-7.677E-18	-9.468E-17	-5.816E+02	-7.362E+03	-1.296E+03	9.598E-17	-9.415E-17	0.000E+00	-3.424E+02	-7.602E+03	-1.825E-01
27	1	13	-9.504E-18	7.677E-18	9.468E-17	-7.109E+02	-7.311E+03	-1.214E+03	9.415E-17	-9.598E-17	1.571E+00	-4.948E+02	-7.527E+03	-1.762E-01
27	1	14	1.227E-17	1.073E-17	8.764E-17	-6.951E+02	-7.314E+03	-1.224E+03	9.914E-17	-7.614E-17	0.000E+00	-4.760E+02	-7.533E+03	-1.771E-01
27	1	15	-9.504E-18	7.677E-18	9.468E-17	-6.119E+02	-7.424E+03	-1.373E+03	9.415E-17	-9.598E-17	1.571E+00	-3.456E+02	-7.690E+03	-1.916E-01
27	1	16	1.227E-17	1.073E-17	8.764E-17	-5.961E+02	-7.426E+03	-1.383E+03	9.914E-17	-7.614E-17	0.000E+00	-3.266E+02	-7.696E+03	-1.924E-01
27	2	1	-1.040E-16	8.948E-17	1.185E-32	-1.827E+03	1.854E+03	-2.627E+02	8.948E-17	-1.040E-16	1.571E+00	1.872E+03	-1.846E+03	1.642E+00
27	2	2	-8.000E-17	9.009E-17	1.041E-32	-1.814E+03	1.855E+03	-2.724E+02	9.009E-17	-8.000E-17	1.571E+00	1.875E+03	-1.835E+03	1.644E+00
27	2	3	-1.040E-16	8.948E-17	1.185E-32	-1.753E+03	1.868E+03	-3.955E+02	8.948E-17	-1.040E-16	1.571E+00	1.911E+03	-1.796E+03	1.678E+00
27	2	4	-8.000E-17	9.009E-17	1.041E-32	-1.740E+03	1.869E+03	-4.052E+02	9.009E-17	-8.000E-17	1.571E+00	1.914E+03	-1.785E+03	1.681E+00
27	2	5	8.000E-17	-9.009E-17	-1.041E-32	-1.818E+03	1.847E+03	-3.339E+02	8.000E-17	-9.009E-17	0.000E+00	1.877E+03	-1.848E+03	1.661E+00
27	2	6	1.040E-16	-8.948E-17	-1.185E-32	-1.806E+03	1.848E+03	-3.436E+02	1.040E-16	-8.948E-17	0.000E+00	1.880E+03	-1.838E+03	1.664E+00
27	2	7	8.000E-17	-9.009E-17	-1.041E-32	-1.744E+03	1.861E+03	-4.667E+02	8.000E-17	-9.009E-17	0.000E+00	1.921E+03	-1.803E+03	1.697E+00
27	2	8	1.040E-16	-8.948E-17	-1.185E-32	-1.732E+03	1.863E+03	-4.764E+02	1.040E-16	-8.948E-17	0.000E+00	1.925E+03	-1.794E+03	1.700E+00
27	2	9	-1.040E-16	8.948E-17	1.185E-32	-1.107E+03	-5.296E+03	-3.349E+02	8.948E-17	-1.040E-16	1.571E+00	-1.080E+03	-5.322E+03	-7.929E-02
27	2	10	-8.000E-17	9.009E-17	1.041E-32	-1.094E+03	-5.294E+03	-3.446E+02	9.009E-17	-8.000E-17	1.571E+00	-1.066E+03	-5.323E+03	-8.133E-02
27	2	11	-1.040E-16	8.948E-17	1.185E-32	-1.033E+03	-5.281E+03	-4.677E+02	8.948E-17	-1.040E-16	1.571E+00	-9.820E+02	-5.332E+03	-1.084E-01
27	2	12	-8.000E-17	9.009E-17	1.041E-32	-1.020E+03	-5.280E+03	-4.774E+02	9.009E-17	-8.000E-17	1.571E+00	-9.676E+02	-5.333E+03	-1.103E-01
27	2	13	8.000E-17	-9.009E-17	-1.041E-32	-1.098E+03	-5.302E+03	-4.062E+02	8.000E-17	-9.009E-17	0.000E+00	-1.059E+03	-5.341E+03	-9.543E-02
27	2	14	1.040E-16	-8.948E-17	-1.185E-32	-1.085E+03	-5.301E+03	-4.159E+02	1.040E-16	-8.948E-17	0.000E+00	-1.045E+03	-5.342E+03	-9.740E-02
27	2	15	8.000E-17	-9.009E-17	-1.041E-32	-1.024E+03	-5.288E+03	-5.389E+02	8.000E-17	-9.009E-17	0.000E+00	-9.569E+02	-5.355E+03	-1.238E-01
27	2	16	1.040E-16	-8.948E-17	-1.185E-32	-1.011E+03	-5.287E+03	-5.486E+02	1.040E-16	-8.948E-17	0.000E+00	-9.422E+02	-5.356E+03	-1.256E-01
27	3	1	8.497E-17	-1.077E-16	-2.360E-32	1.879E+02	6.642E+02	-8.689E+02	8.497E-17	-1.077E-16	0.000E+00	1.327E+03	-4.748E+02	2.222E+00
27	3	2	8.586E-17	-8.426E-17	-2.083E-32	1.944E+02	6.507E+02	-8.730E+02	8.586E-17	-8.426E-17	0.000E+00	1.325E+03	-4.798E+02	2.228E+00
27	3	3	8.497E-17	-1.077E-16	-2.360E-32	2.472E+02	5.634E+02	-9.639E+02	8.497E-17	-1.077E-16	0.000E+00	1.382E+03	-5.715E+02	2.275E+00
27	3	4	8.586E-17	-8.426E-17	-2.083E-32	2.536E+02	5.499E+02	-9.680E+02	8.586E-17	-8.426E-17	0.000E+00	1.381E+03	-5.775E+02	2.280E+00
27	3	5	-8.586E-17	8.426E-17	2.083E-32	1.641E+02	6.245E+02	-9.228E+02	8.426E-17	-8.586E-17	1.571E+00	1.345E+03	-5.568E+02	2.234E+00

27	3	6	-8.497E-17	1.077E-16	2.360E-32	1.706E+02	6.110E+02	-9.269E+02	1.077E-16	-8.497E-17	1.571E+00	1.344E+03	-5.619E+02	2.240E+00
27	3	7	-8.586E-17	8.426E-17	2.083E-32	2.234E+02	5.236E+02	-1.018E+03	8.426E-17	-8.586E-17	1.571E+00	1.402E+03	-6.553E+02	2.283E+00
27	3	8	-8.497E-17	1.077E-16	2.360E-32	2.298E+02	5.102E+02	-1.022E+03	1.077E-16	-8.497E-17	1.571E+00	1.402E+03	-6.615E+02	2.288E+00
27	3	9	8.497E-17	-1.077E-16	-2.360E-32	-1.585E+02	-3.610E+03	-5.255E+02	8.497E-17	-1.077E-16	0.000E+00	-8.027E+01	-3.689E+03	-1.478E-01
27	3	10	8.586E-17	-8.426E-17	-2.083E-32	-1.521E+02	-3.624E+03	-5.297E+02	8.586E-17	-8.426E-17	0.000E+00	-7.306E+01	-3.703E+03	-1.481E-01
27	3	11	8.497E-17	-1.077E-16	-2.360E-32	-9.927E+01	-3.711E+03	-6.206E+02	8.497E-17	-1.077E-16	0.000E+00	4.371E+00	-3.815E+03	-1.655E-01
27	3	12	8.586E-17	-8.426E-17	-2.083E-32	-9.283E+01	-3.725E+03	-6.247E+02	8.586E-17	-8.426E-17	0.000E+00	1.161E+01	-3.829E+03	-1.657E-01
27	3	13	-8.586E-17	8.426E-17	2.083E-32	-1.823E+02	-3.650E+03	-5.795E+02	8.426E-17	-8.586E-17	1.571E+00	-8.804E+01	-3.744E+03	-1.613E-01
27	3	14	-8.497E-17	1.077E-16	2.360E-32	-1.759E+02	-3.664E+03	-5.836E+02	1.077E-16	-8.497E-17	1.571E+00	-8.081E+01	-3.759E+03	-1.615E-01
27	3	15	-8.586E-17	8.426E-17	2.083E-32	-1.231E+02	-3.751E+03	-6.745E+02	8.426E-17	-8.586E-17	1.571E+00	-1.734E+00	-3.872E+03	-1.780E-01
27	3	16	-8.497E-17	1.077E-16	2.360E-32	-1.166E+02	-3.764E+03	-6.786E+02	1.077E-16	-8.497E-17	1.571E+00	5.519E+00	-3.887E+03	-1.781E-01
27	4	1	-1.126E-16	8.133E-17	-1.187E-32	2.337E+03	1.311E+03	-4.627E+02	8.133E-17	-1.126E-16	1.571E+00	2.515E+03	1.133E+03	-3.669E-01
27	4	2	-8.897E-17	8.232E-17	-1.049E-32	2.347E+03	1.293E+03	-4.621E+02	8.232E-17	-8.897E-17	1.571E+00	2.521E+03	1.119E+03	-3.598E-01
27	4	3	-1.126E-16	8.133E-17	-1.187E-32	2.441E+03	1.091E+03	-5.574E+02	8.133E-17	-1.126E-16	1.571E+00	2.642E+03	8.905E+02	-3.451E-01
27	4	4	-8.897E-17	8.232E-17	-1.049E-32	2.451E+03	1.072E+03	-5.568E+02	8.232E-17	-8.897E-17	1.571E+00	2.648E+03	8.754E+02	-3.397E-01
27	4	5	8.897E-17	-8.232E-17	1.049E-32	2.292E+03	1.197E+03	-5.166E+02	8.897E-17	-8.232E-17	0.000E+00	2.497E+03	9.919E+02	-3.782E-01
27	4	6	1.126E-16	-8.133E-17	1.187E-32	2.302E+03	1.178E+03	-5.160E+02	1.126E-16	-8.133E-17	0.000E+00	2.503E+03	9.774E+02	-3.715E-01
27	4	7	8.897E-17	-8.232E-17	1.049E-32	2.396E+03	9.768E+02	-6.113E+02	8.897E-17	-8.232E-17	0.000E+00	2.623E+03	7.498E+02	-3.556E-01
27	4	8	1.126E-16	-8.133E-17	1.187E-32	2.406E+03	9.581E+02	-6.107E+02	1.126E-16	-8.133E-17	0.000E+00	2.629E+03	7.348E+02	-3.504E-01
27	4	9	-1.126E-16	8.133E-17	-1.187E-32	4.290E+02	-7.505E+03	-2.238E+02	8.133E-17	-1.126E-16	1.571E+00	4.353E+02	-7.511E+03	-2.817E-02
27	4	10	-8.897E-17	8.232E-17	-1.049E-32	4.389E+02	-7.523E+03	-2.232E+02	8.232E-17	-8.897E-17	1.571E+00	4.451E+02	-7.530E+03	-2.800E-02
27	4	11	-1.126E-16	8.133E-17	-1.187E-32	5.329E+02	-7.725E+03	-3.185E+02	8.133E-17	-1.126E-16	1.571E+00	5.451E+02	-7.737E+03	-3.849E-02
27	4	12	-8.897E-17	8.232E-17	-1.049E-32	5.428E+02	-7.744E+03	-3.179E+02	8.232E-17	-8.897E-17	1.571E+00	5.549E+02	-7.756E+03	-3.829E-02
27	4	13	8.897E-17	-8.232E-17	1.049E-32	3.834E+02	-7.619E+03	-2.776E+02	8.897E-17	-8.232E-17	0.000E+00	3.930E+02	-7.628E+03	-3.464E-02
27	4	14	1.126E-16	-8.133E-17	1.187E-32	3.933E+02	-7.638E+03	-2.771E+02	1.126E-16	-8.133E-17	0.000E+00	4.028E+02	-7.647E+03	-3.445E-02
27	4	15	8.897E-17	-8.232E-17	1.049E-32	4.873E+02	-7.839E+03	-3.723E+02	8.897E-17	-8.232E-17	0.000E+00	5.039E+02	-7.856E+03	-4.460E-02
27	4	16	1.126E-16	-8.133E-17	1.187E-32	4.971E+02	-7.858E+03	-3.718E+02	1.126E-16	-8.133E-17	0.000E+00	5.137E+02	-7.874E+03	-4.438E-02
28	1	1	-4.512E-18	-3.008E-17	2.036E-17	4.635E+02	-8.999E+02	6.050E+01	6.745E-18	-4.133E-17	0.000E+00	4.662E+02	-9.025E+02	4.426E-02
28	1	2	-2.149E-18	-1.433E-17	1.131E-16	4.645E+02	-8.921E+02	6.364E+01	1.050E-16	-1.215E-16	0.000E+00	4.675E+02	-8.951E+02	4.678E-02
28	1	3	-4.512E-18	-3.008E-17	2.036E-17	4.739E+02	-8.534E+02	1.400E+02	6.745E-18	-4.133E-17	0.000E+00	4.885E+02	-8.680E+02	1.039E-01
28	1	4	-2.149E-18	-1.433E-17	1.131E-16	4.750E+02	-8.457E+02	1.431E+02	1.050E-16	-1.215E-16	0.000E+00	4.903E+02	-8.611E+02	1.067E-01
28	1	5	2.149E-18	1.433E-17	-1.131E-16	4.590E+02	-9.033E+02	1.058E+02	1.215E-16	-1.050E-16	1.571E+00	4.672E+02	-9.115E+02	7.703E-02
28	1	6	4.512E-18	3.008E-17	-2.036E-17	4.600E+02	-8.956E+02	1.089E+02	4.133E-17	-6.745E-18	1.571E+00	4.687E+02	-9.043E+02	7.967E-02
28	1	7	2.149E-18	1.433E-17	-1.131E-16	4.694E+02	-8.569E+02	1.852E+02	1.215E-16	-1.050E-16	1.571E+00	4.948E+02	-8.823E+02	1.362E-01
28	1	8	4.512E-18	3.008E-17	-2.036E-17	4.705E+02	-8.492E+02	1.884E+02	4.133E-17	-6.745E-18	1.571E+00	4.969E+02	-8.755E+02	1.391E-01
28	1	9	-4.512E-18	-3.008E-17	2.036E-17	-1.287E+03	-4.500E+00	1.266E+02	6.745E-18	-4.133E-17	0.000E+00	7.865E+00	-1.300E+03	1.473E+00
28	1	10	-2.149E-18	-1.433E-17	1.131E-16	-1.286E+03	3.208E+00	1.297E+02	1.050E-16	-1.215E-16	0.000E+00	1.612E+01	-1.299E+03	1.472E+00
28	1	11	-4.512E-18	-3.008E-17	2.036E-17	-1.277E+03	4.192E+01	2.060E+02	6.745E-18	-4.133E-17	0.000E+00	7.335E+01	-1.308E+03	1.419E+00
28	1	12	-2.149E-18	-1.433E-17	1.131E-16	-1.276E+03	4.963E+01	2.092E+02	1.050E-16	-1.215E-16	0.000E+00	8.185E+01	-1.308E+03	1.418E+00
28	1	13	2.149E-18	1.433E-17	-1.131E-16	-1.292E+03	-7.952E+00	1.718E+02	1.215E-16	-1.050E-16	1.571E+00	1.465E+01	-1.315E+03	1.440E+00
28	1	14	4.512E-18	3.008E-17	-2.036E-17	-1.291E+03	-2.440E-01	1.750E+02	4.133E-17	-6.745E-18	1.571E+00	2.306E+01	-1.314E+03	1.438E+00
28	1	15	2.149E-18	1.433E-17	-1.131E-16	-1.282E+03	3.847E+01	2.513E+02	1.215E-16	-1.050E-16	1.571E+00	8.469E+01	-1.328E+03	1.389E+00
28	1	16	4.512E-18	3.008E-17	-2.036E-17	-1.280E+03	4.617E+01	2.545E+02	4.133E-17	-6.745E-18	1.571E+00	9.331E+01	-1.328E+03	1.388E+00

28	2	1	-1.873E-16	5.757E-17	1.499E-32	2.589E+01	1.141E+02	3.587E+02	5.757E-17	-1.873E-16	1.571E+00	4.314E+02	-2.914E+02	8.466E-01
28	2	2	-9.084E-17	-2.367E-17	4.113E-33	2.339E+01	1.197E+02	3.604E+02	-2.367E-17	-9.084E-17	1.571E+00	4.352E+02	-2.921E+02	8.518E-01
28	2	3	-1.873E-16	5.757E-17	1.499E-32	8.647E+00	1.705E+02	4.325E+02	5.757E-17	-1.873E-16	1.571E+00	5.295E+02	-3.504E+02	8.779E-01
28	2	4	-9.084E-17	-2.367E-17	4.113E-33	6.140E+00	1.761E+02	4.342E+02	-2.367E-17	-9.084E-17	1.571E+00	5.335E+02	-3.513E+02	8.820E-01
28	2	5	9.084E-17	2.367E-17	-4.113E-33	1.993E+01	8.988E+01	4.011E+02	9.084E-17	2.367E-17	0.000E+00	4.575E+02	-3.477E+02	8.289E-01
28	2	6	1.873E-16	-5.757E-17	-1.499E-32	1.742E+01	9.545E+01	4.028E+02	1.873E-16	-5.757E-17	0.000E+00	4.612E+02	-3.483E+02	8.337E-01
28	2	7	9.084E-17	2.367E-17	-4.113E-33	2.680E+00	1.462E+02	4.749E+02	9.084E-17	2.367E-17	0.000E+00	5.547E+02	-4.058E+02	8.604E-01
28	2	8	1.873E-16	-5.757E-17	-1.499E-32	1.739E-01	1.518E+02	4.766E+02	1.873E-16	-5.757E-17	0.000E+00	5.586E+02	-4.066E+02	8.643E-01
28	2	9	-1.873E-16	5.757E-17	1.499E-32	-3.330E+02	3.519E+02	1.180E+02	5.757E-17	-1.873E-16	1.571E+00	3.716E+02	-3.527E+02	1.405E+00
28	2	10	-9.084E-17	-2.367E-17	4.113E-33	-3.355E+02	3.575E+02	1.197E+02	-2.367E-17	-9.084E-17	1.571E+00	3.776E+02	-3.556E+02	1.404E+00
28	2	11	-1.873E-16	5.757E-17	1.499E-32	-3.502E+02	4.083E+02	1.917E+02	5.757E-17	-1.873E-16	1.571E+00	4.540E+02	-3.959E+02	1.337E+00
28	2	12	-9.084E-17	-2.367E-17	4.113E-33	-3.527E+02	4.138E+02	1.935E+02	-2.367E-17	-9.084E-17	1.571E+00	4.599E+02	-3.988E+02	1.337E+00
28	2	13	9.084E-17	2.367E-17	-4.113E-33	-3.389E+02	3.277E+02	1.604E+02	9.084E-17	2.367E-17	0.000E+00	3.642E+02	-3.755E+02	1.347E+00
28	2	14	1.873E-16	-5.757E-17	-1.499E-32	-3.414E+02	3.332E+02	1.621E+02	1.873E-16	-5.757E-17	0.000E+00	3.702E+02	-3.784E+02	1.347E+00
28	2	15	9.084E-17	2.367E-17	-4.113E-33	-3.562E+02	3.840E+02	2.341E+02	9.084E-17	2.367E-17	0.000E+00	4.519E+02	-4.240E+02	1.289E+00
28	2	16	1.873E-16	-5.757E-17	-1.499E-32	-3.587E+02	3.896E+02	2.359E+02	1.873E-16	-5.757E-17	0.000E+00	4.577E+02	-4.268E+02	1.290E+00
28	3	1	4.864E-17	-2.764E-16	-3.981E-32	-3.462E+02	1.125E+03	-3.660E+01	4.864E-17	-2.764E-16	0.000E+00	1.126E+03	-3.471E+02	1.596E+00
28	3	2	-2.742E-17	-1.822E-16	-1.896E-32	-3.491E+02	1.131E+03	-3.666E+01	-2.742E-17	-1.822E-16	0.000E+00	1.132E+03	-3.500E+02	1.596E+00
28	3	3	4.864E-17	-2.764E-16	-3.981E-32	-3.871E+02	1.208E+03	2.855E+01	4.864E-17	-2.764E-16	0.000E+00	1.208E+03	-3.876E+02	1.553E+00
28	3	4	-2.742E-17	-1.822E-16	-1.896E-32	-3.900E+02	1.214E+03	2.850E+01	-2.742E-17	-1.822E-16	0.000E+00	1.214E+03	-3.905E+02	1.553E+00
28	3	5	2.742E-17	1.822E-16	1.896E-32	-3.683E+02	1.085E+03	6.916E-01	1.822E-16	2.742E-17	1.571E+00	1.085E+03	-3.683E+02	1.570E+00
28	3	6	-4.864E-17	2.764E-16	3.981E-32	-3.712E+02	1.091E+03	6.330E-01	2.764E-16	-4.864E-17	1.571E+00	1.091E+03	-3.712E+02	1.570E+00
28	3	7	2.742E-17	1.822E-16	1.896E-32	-4.091E+02	1.168E+03	6.585E+01	1.822E-16	2.742E-17	1.571E+00	1.170E+03	-4.119E+02	1.529E+00
28	3	8	-4.864E-17	2.764E-16	3.981E-32	-4.120E+02	1.174E+03	6.579E+01	2.764E-16	-4.864E-17	1.571E+00	1.176E+03	-4.148E+02	1.529E+00
28	3	9	4.864E-17	-2.764E-16	-3.981E-32	-1.894E+03	4.515E+02	-2.857E+02	4.864E-17	-2.764E-16	0.000E+00	4.858E+02	-1.928E+03	1.690E+00
28	3	10	-2.742E-17	-1.822E-16	-1.896E-32	-1.897E+03	4.576E+02	-2.857E+02	-2.742E-17	-1.822E-16	0.000E+00	4.918E+02	-1.931E+03	1.690E+00
28	3	11	4.864E-17	-2.764E-16	-3.981E-32	-1.935E+03	5.343E+02	-2.205E+02	4.864E-17	-2.764E-16	0.000E+00	5.538E+02	-1.954E+03	1.659E+00
28	3	12	-2.742E-17	-1.822E-16	-1.896E-32	-1.938E+03	5.404E+02	-2.206E+02	-2.742E-17	-1.822E-16	0.000E+00	5.599E+02	-1.957E+03	1.659E+00
28	3	13	2.742E-17	1.822E-16	1.896E-32	-1.916E+03	4.112E+02	-2.484E+02	1.822E-16	2.742E-17	1.571E+00	4.374E+02	-1.942E+03	1.676E+00
28	3	14	-4.864E-17	2.764E-16	3.981E-32	-1.919E+03	4.173E+02	-2.484E+02	2.764E-16	-4.864E-17	1.571E+00	4.434E+02	-1.945E+03	1.676E+00
28	3	15	2.742E-17	1.822E-16	1.896E-32	-1.957E+03	4.940E+02	-1.832E+02	1.822E-16	2.742E-17	1.571E+00	5.076E+02	-1.971E+03	1.645E+00
28	3	16	-4.864E-17	2.764E-16	3.981E-32	-1.960E+03	5.001E+02	-1.833E+02	2.764E-16	-4.864E-17	1.571E+00	5.137E+02	-1.973E+03	1.645E+00
28	4	1	-1.941E-16	6.150E-17	-1.565E-32	2.265E+02	1.038E+02	5.283E+02	6.150E-17	-1.941E-16	1.571E+00	6.970E+02	-3.667E+02	7.276E-01
28	4	2	-9.427E-17	-1.736E-17	-4.709E-33	2.267E+02	1.121E+02	5.313E+02	-1.736E-17	-9.427E-17	1.571E+00	7.037E+02	-3.649E+02	7.317E-01
28	4	3	-1.941E-16	6.150E-17	-1.565E-32	1.972E+02	1.667E+02	6.138E+02	6.150E-17	-1.941E-16	1.571E+00	7.959E+02	-4.321E+02	7.730E-01
28	4	4	-9.427E-17	-1.736E-17	-4.709E-33	1.974E+02	1.750E+02	6.167E+02	-1.736E-17	-9.427E-17	1.571E+00	8.030E+02	-4.307E+02	7.763E-01
28	4	5	9.427E-17	1.736E-17	4.709E-33	2.099E+02	8.389E+01	5.772E+02	9.427E-17	1.736E-17	0.000E+00	7.275E+02	-4.337E+02	7.310E-01
28	4	6	1.941E-16	-6.150E-17	1.565E-32	2.101E+02	9.219E+01	5.801E+02	1.941E-16	-6.150E-17	0.000E+00	7.343E+02	-4.320E+02	7.348E-01
28	4	7	9.427E-17	1.736E-17	4.709E-33	1.806E+02	1.468E+02	6.627E+02	9.427E-17	1.736E-17	0.000E+00	8.266E+02	-4.992E+02	7.726E-01
28	4	8	1.941E-16	-6.150E-17	1.565E-32	1.808E+02	1.551E+02	6.656E+02	1.941E-16	-6.150E-17	0.000E+00	8.337E+02	-4.978E+02	7.757E-01
28	4	9	-1.941E-16	6.150E-17	-1.565E-32	-2.686E+03	8.514E+01	2.822E+02	6.150E-17	-1.941E-16	1.571E+00	1.136E+02	-2.714E+03	1.470E+00
28	4	10	-9.427E-17	-1.736E-17	-4.709E-33	-2.685E+03	9.344E+01	2.852E+02	-1.736E-17	-9.427E-17	1.571E+00	1.224E+02	-2.714E+03	1.470E+00
28	4	11	-1.941E-16	6.150E-17	-1.565E-32	-2.715E+03	1.480E+02	3.677E+02	6.150E-17	-1.941E-16	1.571E+00	1.945E+02	-2.761E+03	1.445E+00

28	4	12	-9.427E-17	-1.736E-17	-4.709E-33	-2.715E+03	1.563E+02	3.707E+02	-1.736E-17	-9.427E-17	1.571E+00	2.034E+02	-2.762E+03	1.444E+00
28	4	13	9.427E-17	1.736E-17	4.709E-33	-2.702E+03	6.524E+01	3.311E+02	9.427E-17	1.736E-17	0.000E+00	1.043E+02	-2.741E+03	1.453E+00
28	4	14	1.941E-16	-6.150E-17	1.565E-32	-2.702E+03	7.354E+01	3.341E+02	1.941E-16	-6.150E-17	0.000E+00	1.132E+02	-2.742E+03	1.453E+00
28	4	15	9.427E-17	1.736E-17	4.709E-33	-2.731E+03	1.281E+02	4.166E+02	9.427E-17	1.736E-17	0.000E+00	1.876E+02	-2.791E+03	1.429E+00
28	4	16	1.941E-16	-6.150E-17	1.565E-32	-2.731E+03	1.364E+02	4.195E+02	1.941E-16	-6.150E-17	0.000E+00	1.965E+02	-2.791E+03	1.428E+00
29	1	1	5.096E-13	3.397E-12	3.806E-13	1.294E+03	-6.640E+02	-3.653E+03	3.447E-12	4.603E-13	1.571E+00	4.097E+03	-3.467E+03	-6.545E-01
29	1	2	5.071E-13	3.381E-12	3.852E-13	1.293E+03	-6.472E+02	-3.632E+03	3.431E-12	4.564E-13	1.571E+00	4.082E+03	-3.436E+03	-6.549E-01
29	1	3	4.807E-13	3.205E-12	4.161E-13	1.492E+03	-5.221E+02	-3.507E+03	3.267E-12	4.185E-13	1.571E+00	4.133E+03	-3.163E+03	-6.456E-01
29	1	4	4.782E-13	3.188E-12	4.207E-13	1.491E+03	-5.053E+02	-3.485E+03	3.252E-12	4.144E-13	1.571E+00	4.118E+03	-3.132E+03	-6.459E-01
29	1	5	4.946E-13	3.298E-12	3.683E-13	1.407E+03	-6.011E+02	-3.608E+03	3.345E-12	4.470E-13	1.571E+00	4.148E+03	-3.342E+03	-6.497E-01
29	1	6	4.921E-13	3.281E-12	3.729E-13	1.406E+03	-5.843E+02	-3.586E+03	3.330E-12	4.431E-13	1.571E+00	4.132E+03	-3.311E+03	-6.501E-01
29	1	7	4.657E-13	3.105E-12	4.038E-13	1.604E+03	-4.592E+02	-3.461E+03	3.165E-12	4.053E-13	1.571E+00	4.184E+03	-3.039E+03	-6.405E-01
29	1	8	4.632E-13	3.088E-12	4.084E-13	1.603E+03	-4.425E+02	-3.439E+03	3.150E-12	4.011E-13	1.571E+00	4.169E+03	-3.008E+03	-6.409E-01
29	1	9	-4.150E-13	-2.766E-12	-3.717E-13	5.274E+03	2.278E+03	1.982E+03	-3.576E-13	-2.824E-12	0.000E+00	6.260E+03	1.292E+03	4.618E-01
29	1	10	-4.175E-13	-2.783E-12	-3.671E-13	5.273E+03	2.295E+03	2.004E+03	-3.618E-13	-2.839E-12	0.000E+00	6.280E+03	1.287E+03	4.658E-01
29	1	11	-4.439E-13	-2.959E-12	-3.362E-13	5.472E+03	2.420E+03	2.128E+03	-3.997E-13	-3.003E-12	0.000E+00	6.565E+03	1.327E+03	4.744E-01
29	1	12	-4.464E-13	-2.976E-12	-3.315E-13	5.471E+03	2.437E+03	2.150E+03	-4.036E-13	-3.019E-12	0.000E+00	6.585E+03	1.322E+03	4.782E-01
29	1	13	-4.299E-13	-2.866E-12	-3.840E-13	5.386E+03	2.341E+03	2.028E+03	-3.709E-13	-2.925E-12	0.000E+00	6.399E+03	1.328E+03	4.633E-01
29	1	14	-4.324E-13	-2.883E-12	-3.793E-13	5.385E+03	2.358E+03	2.049E+03	-3.751E-13	-2.940E-12	0.000E+00	6.419E+03	1.324E+03	4.673E-01
29	1	15	-4.589E-13	-3.059E-12	-3.485E-13	5.584E+03	2.483E+03	2.174E+03	-4.130E-13	-3.105E-12	0.000E+00	6.704E+03	1.363E+03	4.756E-01
29	1	16	-4.614E-13	-3.076E-12	-3.438E-13	5.583E+03	2.499E+03	2.196E+03	-4.169E-13	-3.120E-12	0.000E+00	6.724E+03	1.358E+03	4.793E-01
29	2	1	7.249E-13	6.818E-12	3.722E-28	1.942E+03	-2.539E+03	-1.443E+03	6.818E-12	7.249E-13	1.571E+00	2.367E+03	-2.963E+03	-2.861E-01
29	2	2	7.276E-13	6.777E-12	3.695E-28	1.944E+03	-2.502E+03	-1.444E+03	6.777E-12	7.276E-13	1.571E+00	2.373E+03	-2.930E+03	-2.881E-01
29	2	3	7.909E-13	6.358E-12	3.418E-28	2.345E+03	-2.254E+03	-1.528E+03	6.358E-12	7.909E-13	1.571E+00	2.806E+03	-2.715E+03	-2.933E-01
29	2	4	7.935E-13	6.318E-12	3.392E-28	2.347E+03	-2.216E+03	-1.529E+03	6.318E-12	7.935E-13	1.571E+00	2.813E+03	-2.681E+03	-2.952E-01
29	2	5	7.019E-13	6.620E-12	3.614E-28	2.172E+03	-2.424E+03	-1.489E+03	6.620E-12	7.019E-13	1.571E+00	2.613E+03	-2.865E+03	-2.875E-01
29	2	6	7.045E-13	6.579E-12	3.588E-28	2.175E+03	-2.387E+03	-1.491E+03	6.579E-12	7.045E-13	1.571E+00	2.619E+03	-2.831E+03	-2.895E-01
29	2	7	7.679E-13	6.160E-12	3.311E-28	2.575E+03	-2.139E+03	-1.574E+03	6.160E-12	7.679E-13	1.571E+00	3.053E+03	-2.616E+03	-2.944E-01
29	2	8	7.705E-13	6.120E-12	3.284E-28	2.578E+03	-2.102E+03	-1.576E+03	6.120E-12	7.705E-13	1.571E+00	3.059E+03	-2.583E+03	-2.964E-01
29	2	9	-6.972E-13	-5.477E-12	-2.936E-28	1.245E+04	7.151E+03	1.441E+03	-6.972E-13	-5.477E-12	0.000E+00	1.282E+04	6.785E+03	2.490E-01
29	2	10	-6.945E-13	-5.518E-12	-2.962E-28	1.245E+04	7.188E+03	1.440E+03	-6.945E-13	-5.518E-12	0.000E+00	1.282E+04	6.820E+03	2.501E-01
29	2	11	-6.312E-13	-5.937E-12	-3.239E-28	1.286E+04	7.436E+03	1.356E+03	-6.312E-13	-5.937E-12	0.000E+00	1.318E+04	7.116E+03	2.320E-01
29	2	12	-6.286E-13	-5.977E-12	-3.266E-28	1.286E+04	7.474E+03	1.355E+03	-6.286E-13	-5.977E-12	0.000E+00	1.318E+04	7.152E+03	2.331E-01
29	2	13	-7.202E-13	-5.675E-12	-3.043E-28	1.268E+04	7.266E+03	1.395E+03	-7.202E-13	-5.675E-12	0.000E+00	1.302E+04	6.928E+03	2.377E-01
29	2	14	-7.176E-13	-5.716E-12	-3.070E-28	1.269E+04	7.303E+03	1.393E+03	-7.176E-13	-5.716E-12	0.000E+00	1.302E+04	6.964E+03	2.389E-01
29	2	15	-6.542E-13	-6.135E-12	-3.347E-28	1.309E+04	7.551E+03	1.310E+03	-6.542E-13	-6.135E-12	0.000E+00	1.338E+04	7.257E+03	2.210E-01
29	2	16	-6.516E-13	-6.175E-12	-3.373E-28	1.309E+04	7.588E+03	1.308E+03	-6.516E-13	-6.175E-12	0.000E+00	1.338E+04	7.293E+03	2.220E-01
29	3	1	3.440E-12	4.496E-13	-3.647E-28	2.115E+03	1.661E+03	-4.377E+03	3.440E-12	4.496E-13	0.000E+00	6.271E+03	-2.495E+03	-7.595E-01
29	3	2	3.419E-12	4.550E-13	-3.615E-28	2.105E+03	1.648E+03	-4.343E+03	3.419E-12	4.550E-13	0.000E+00	6.226E+03	-2.473E+03	-7.591E-01
29	3	3	3.208E-12	5.029E-13	-3.328E-28	1.975E+03	1.549E+03	-4.101E+03	3.208E-12	5.029E-13	0.000E+00	5.869E+03	-2.345E+03	-7.595E-01
29	3	4	3.187E-12	5.083E-13	-3.296E-28	1.964E+03	1.537E+03	-4.067E+03	3.187E-12	5.083E-13	0.000E+00	5.824E+03	-2.323E+03	-7.591E-01
29	3	5	3.340E-12	4.348E-13	-3.542E-28	2.184E+03	1.610E+03	-4.259E+03	3.340E-12	4.348E-13	0.000E+00	6.165E+03	-2.371E+03	-7.517E-01
29	3	6	3.319E-12	4.402E-13	-3.510E-28	2.174E+03	1.597E+03	-4.225E+03	3.319E-12	4.402E-13	0.000E+00	6.120E+03	-2.349E+03	-7.513E-01



30	2	2	-2.370E-12	5.457E-14	1.484E-28	6.396E+03	1.198E+04	-9.019E+02	5.457E-14	-2.370E-12	1.571E+00	1.213E+04	6.255E+03	1.727E+00
30	2	3	-2.215E-12	2.876E-14	1.375E-28	6.261E+03	1.134E+04	-7.887E+02	2.876E-14	-2.215E-12	1.571E+00	1.146E+04	6.142E+03	1.721E+00
30	2	4	-2.199E-12	2.971E-14	1.366E-28	6.234E+03	1.127E+04	-7.810E+02	2.971E-14	-2.199E-12	1.571E+00	1.139E+04	6.116E+03	1.721E+00
30	2	5	-2.318E-12	5.223E-14	1.450E-28	6.409E+03	1.170E+04	-9.709E+02	5.223E-14	-2.318E-12	1.571E+00	1.187E+04	6.237E+03	1.747E+00
30	2	6	-2.301E-12	5.319E-14	1.441E-28	6.382E+03	1.163E+04	-9.632E+02	5.319E-14	-2.301E-12	1.571E+00	1.180E+04	6.211E+03	1.747E+00
30	2	7	-2.147E-12	2.738E-14	1.332E-28	6.247E+03	1.098E+04	-8.501E+02	2.738E-14	-2.147E-12	1.571E+00	1.113E+04	6.099E+03	1.743E+00
30	2	8	-2.131E-12	2.833E-14	1.323E-28	6.220E+03	1.091E+04	-8.423E+02	2.833E-14	-2.131E-12	1.571E+00	1.106E+04	6.073E+03	1.743E+00
30	2	9	1.905E-12	-2.510E-14	-1.183E-28	3.825E+03	-1.281E+04	-3.189E+02	1.905E-12	-2.510E-14	0.000E+00	3.831E+03	-1.282E+04	-1.916E-02
30	2	10	1.922E-12	-2.415E-14	-1.192E-28	3.798E+03	-1.288E+04	-3.112E+02	1.922E-12	-2.415E-14	0.000E+00	3.804E+03	-1.289E+04	-1.865E-02
30	2	11	2.076E-12	-4.996E-14	-1.301E-28	3.663E+03	-1.353E+04	-1.980E+02	2.076E-12	-4.996E-14	0.000E+00	3.665E+03	-1.353E+04	-1.152E-02
30	2	12	2.092E-12	-4.900E-14	-1.310E-28	3.636E+03	-1.360E+04	-1.903E+02	2.092E-12	-4.900E-14	0.000E+00	3.638E+03	-1.360E+04	-1.104E-02
30	2	13	1.974E-12	-2.648E-14	-1.226E-28	3.811E+03	-1.317E+04	-3.803E+02	1.974E-12	-2.648E-14	0.000E+00	3.820E+03	-1.318E+04	-2.238E-02
30	2	14	1.990E-12	-2.553E-14	-1.235E-28	3.784E+03	-1.324E+04	-3.725E+02	1.990E-12	-2.553E-14	0.000E+00	3.792E+03	-1.325E+04	-2.187E-02
30	2	15	2.144E-12	-5.134E-14	-1.344E-28	3.649E+03	-1.388E+04	-2.594E+02	2.144E-12	-5.134E-14	0.000E+00	3.652E+03	-1.389E+04	-1.479E-02
30	2	16	2.161E-12	-5.039E-14	-1.353E-28	3.621E+03	-1.395E+04	-2.517E+02	2.161E-12	-5.039E-14	0.000E+00	3.625E+03	-1.396E+04	-1.431E-02
30	3	1	-1.237E-13	-1.242E-12	-1.367E-28	2.575E+03	3.908E+03	9.693E+02	-1.237E-13	-1.242E-12	0.000E+00	4.417E+03	2.065E+03	1.086E+00
30	3	2	-1.238E-13	-1.232E-12	-1.355E-28	2.567E+03	3.888E+03	9.720E+02	-1.238E-13	-1.232E-12	0.000E+00	4.402E+03	2.052E+03	1.084E+00
30	3	3	-1.324E-13	-1.150E-12	-1.248E-28	2.512E+03	3.577E+03	9.216E+02	-1.324E-13	-1.150E-12	0.000E+00	4.109E+03	1.980E+03	1.048E+00
30	3	4	-1.325E-13	-1.140E-12	-1.236E-28	2.503E+03	3.557E+03	9.243E+02	-1.325E-13	-1.140E-12	0.000E+00	4.094E+03	1.966E+03	1.045E+00
30	3	5	-1.199E-13	-1.206E-12	-1.329E-28	2.551E+03	3.726E+03	9.445E+02	-1.199E-13	-1.206E-12	0.000E+00	4.251E+03	2.026E+03	1.064E+00
30	3	6	-1.200E-13	-1.196E-12	-1.317E-28	2.543E+03	3.706E+03	9.472E+02	-1.200E-13	-1.196E-12	0.000E+00	4.236E+03	2.013E+03	1.061E+00
30	3	7	-1.286E-13	-1.115E-12	-1.209E-28	2.488E+03	3.396E+03	8.968E+02	-1.286E-13	-1.115E-12	0.000E+00	3.947E+03	1.937E+03	1.020E+00
30	3	8	-1.287E-13	-1.105E-12	-1.197E-28	2.479E+03	3.376E+03	8.995E+02	-1.287E-13	-1.105E-12	0.000E+00	3.933E+03	1.923E+03	1.017E+00
30	3	9	1.164E-13	9.872E-13	1.068E-28	9.564E+02	-9.024E+03	2.198E+03	9.872E-13	1.164E-13	1.571E+00	1.419E+03	-9.487E+03	2.074E-01
30	3	10	1.163E-13	9.971E-13	1.080E-28	9.479E+02	-9.044E+03	2.201E+03	9.971E-13	1.163E-13	1.571E+00	1.411E+03	-9.508E+03	2.075E-01
30	3	11	1.077E-13	1.079E-12	1.188E-28	8.929E+02	-9.355E+03	2.150E+03	1.077E-13	1.077E-13	1.571E+00	1.326E+03	-9.788E+03	1.987E-01
30	3	12	1.076E-13	1.089E-12	1.200E-28	8.844E+02	-9.375E+03	2.153E+03	1.089E-13	1.076E-13	1.571E+00	1.318E+03	-9.808E+03	1.987E-01
30	3	13	1.202E-13	1.023E-12	1.107E-28	9.326E+02	-9.206E+03	2.173E+03	1.023E-13	1.202E-13	1.571E+00	1.379E+03	-9.652E+03	2.025E-01
30	3	14	1.201E-13	1.032E-12	1.119E-28	9.241E+02	-9.226E+03	2.176E+03	1.032E-13	1.201E-13	1.571E+00	1.371E+03	-9.672E+03	2.025E-01
30	3	15	1.115E-13	1.114E-12	1.226E-28	8.691E+02	-9.536E+03	2.126E+03	1.114E-13	1.115E-13	1.571E+00	1.287E+03	-9.953E+03	1.939E-01
30	3	16	1.114E-13	1.124E-12	1.238E-28	8.606E+02	-9.556E+03	2.128E+03	1.124E-13	1.114E-13	1.571E+00	1.279E+03	-9.974E+03	1.940E-01
30	4	1	-5.721E-13	1.703E-13	-4.539E-29	-1.050E+03	3.574E+03	1.425E+02	1.703E-13	-5.721E-13	1.571E+00	3.578E+03	-1.054E+03	1.540E+00
30	4	2	-5.655E-13	1.702E-13	-4.498E-29	-1.045E+03	3.545E+03	1.476E+02	1.702E-13	-5.655E-13	1.571E+00	3.550E+03	-1.050E+03	1.539E+00
30	4	3	-5.200E-13	1.554E-13	-4.142E-29	-9.707E+02	3.305E+03	1.727E+02	1.554E-13	-5.200E-13	1.571E+00	3.312E+03	-9.777E+02	1.530E+00
30	4	4	-5.133E-13	1.553E-13	-4.101E-29	-9.666E+02	3.277E+03	1.778E+02	1.553E-13	-5.133E-13	1.571E+00	3.284E+03	-9.741E+02	1.529E+00
30	4	5	-5.560E-13	1.652E-13	-4.409E-29	-1.006E+03	3.447E+03	1.463E+02	1.652E-13	-5.560E-13	1.571E+00	3.451E+03	-1.010E+03	1.538E+00
30	4	6	-5.494E-13	1.651E-13	-4.368E-29	-1.002E+03	3.418E+03	1.514E+02	1.651E-13	-5.494E-13	1.571E+00	3.423E+03	-1.007E+03	1.537E+00
30	4	7	-5.039E-13	1.503E-13	-4.013E-29	-9.269E+02	3.178E+03	1.765E+02	1.503E-13	-5.039E-13	1.571E+00	3.186E+03	-9.345E+02	1.528E+00
30	4	8	-4.972E-13	1.502E-13	-3.971E-29	-9.228E+02	3.150E+03	1.815E+02	1.502E-13	-4.972E-13	1.571E+00	3.158E+03	-9.309E+02	1.526E+00
30	4	9	4.429E-13	-1.346E-13	3.543E-29	1.176E+03	-5.745E+03	2.754E+03	4.429E-13	-1.346E-13	0.000E+00	2.139E+03	-6.707E+03	3.361E-01
30	4	10	4.495E-13	-1.347E-13	3.584E-29	1.181E+03	-5.773E+03	2.759E+03	4.495E-13	-1.347E-13	0.000E+00	2.143E+03	-6.735E+03	3.354E-01
30	4	11	4.950E-13	-1.496E-13	3.940E-29	1.255E+03	-6.013E+03	2.785E+03	4.950E-13	-1.496E-13	0.000E+00	2.199E+03	-6.957E+03	3.269E-01
30	4	12	5.017E-13	-1.497E-13	3.981E-29	1.259E+03	-6.042E+03	2.790E+03	5.017E-13	-1.497E-13	0.000E+00	2.203E+03	-6.986E+03	3.263E-01

30	4	13	4.590E-13	-1.397E-13	3.673E-29	1.220E+03	-5.872E+03	2.758E+03	4.590E-13	-1.397E-13	0.000E+00	2.167E+03	-6.818E+03	3.305E-01
30	4	14	4.656E-13	-1.398E-13	3.714E-29	1.224E+03	-5.900E+03	2.763E+03	4.656E-13	-1.398E-13	0.000E+00	2.170E+03	-6.846E+03	3.299E-01
30	4	15	5.111E-13	-1.547E-13	4.069E-29	1.299E+03	-6.140E+03	2.788E+03	5.111E-13	-1.547E-13	0.000E+00	2.228E+03	-7.069E+03	3.216E-01
30	4	16	5.178E-13	-1.548E-13	4.111E-29	1.303E+03	-6.169E+03	2.793E+03	5.178E-13	-1.548E-13	0.000E+00	2.232E+03	-7.098E+03	3.210E-01
31	1	1	-7.234E-17	-2.646E-17	2.431E-17	2.226E+03	2.890E+03	7.429E+02	-1.598E-17	-8.282E-17	1.571E+00	3.372E+03	1.744E+03	9.955E-01
31	1	2	6.735E-17	-6.799E-18	1.947E-17	2.218E+03	2.864E+03	7.472E+02	7.215E-17	-1.160E-17	0.000E+00	3.355E+03	1.727E+03	9.894E-01
31	1	3	-7.234E-17	-2.646E-17	2.431E-17	2.173E+03	2.622E+03	8.072E+02	-1.598E-17	-8.282E-17	1.571E+00	3.235E+03	1.560E+03	9.208E-01
31	1	4	6.735E-17	-6.799E-18	1.947E-17	2.165E+03	2.596E+03	8.115E+02	7.215E-17	-1.160E-17	0.000E+00	3.220E+03	1.541E+03	9.150E-01
31	1	5	-6.735E-17	6.799E-18	-1.947E-17	2.211E+03	2.756E+03	7.106E+02	1.160E-17	-7.215E-17	1.571E+00	3.245E+03	1.723E+03	9.686E-01
31	1	6	7.234E-17	2.646E-17	-2.431E-17	2.203E+03	2.731E+03	7.148E+02	8.282E-17	1.598E-17	0.000E+00	3.229E+03	1.705E+03	9.622E-01
31	1	7	-6.735E-17	6.799E-18	-1.947E-17	2.158E+03	2.488E+03	7.749E+02	1.160E-17	-7.215E-17	1.571E+00	3.115E+03	1.531E+03	8.902E-01
31	1	8	7.234E-17	2.646E-17	-2.431E-17	2.150E+03	2.462E+03	7.791E+02	8.282E-17	1.598E-17	0.000E+00	3.101E+03	1.512E+03	8.842E-01
31	1	9	-7.234E-17	-2.646E-17	2.431E-17	1.273E+03	-7.012E+03	1.239E+03	-1.598E-17	-8.282E-17	1.571E+00	1.455E+03	-7.193E+03	1.454E-01
31	1	10	6.735E-17	-6.799E-18	1.947E-17	1.265E+03	-7.037E+03	1.244E+03	7.215E-17	-1.160E-17	0.000E+00	1.447E+03	-7.220E+03	1.455E-01
31	1	11	-7.234E-17	-2.646E-17	2.431E-17	1.220E+03	-7.280E+03	1.304E+03	-1.598E-17	-8.282E-17	1.571E+00	1.416E+03	-7.475E+03	1.488E-01
31	1	12	6.735E-17	-6.799E-18	1.947E-17	1.212E+03	-7.305E+03	1.308E+03	7.215E-17	-1.160E-17	0.000E+00	1.409E+03	-7.502E+03	1.490E-01
31	1	13	-6.735E-17	6.799E-18	-1.947E-17	1.258E+03	-7.145E+03	1.207E+03	1.160E-17	-7.215E-17	1.571E+00	1.428E+03	-7.315E+03	1.399E-01
31	1	14	7.234E-17	2.646E-17	-2.431E-17	1.250E+03	-7.171E+03	1.211E+03	8.282E-17	1.598E-17	0.000E+00	1.421E+03	-7.341E+03	1.401E-01
31	1	15	-6.735E-17	6.799E-18	-1.947E-17	1.205E+03	-7.413E+03	1.271E+03	1.160E-17	-7.215E-17	1.571E+00	1.389E+03	-7.597E+03	1.434E-01
31	1	16	7.234E-17	2.646E-17	-2.431E-17	1.197E+03	-7.439E+03	1.276E+03	8.282E-17	1.598E-17	0.000E+00	1.382E+03	-7.623E+03	1.436E-01
31	2	1	-1.023E-16	2.763E-18	6.432E-33	2.757E+03	1.645E+03	-2.341E+02	2.763E-18	-1.023E-16	1.571E+00	2.804E+03	1.598E+03	-1.993E-01
31	2	2	3.528E-17	2.300E-17	-7.518E-34	2.749E+03	1.624E+03	-2.325E+02	3.528E-17	2.300E-17	0.000E+00	2.796E+03	1.578E+03	-1.958E-01
31	2	3	-1.023E-16	2.763E-18	6.432E-33	2.685E+03	1.411E+03	-3.199E+02	2.763E-18	-1.023E-16	1.571E+00	2.761E+03	1.336E+03	-2.328E-01
31	2	4	3.528E-17	2.300E-17	-7.518E-34	2.677E+03	1.390E+03	-3.182E+02	3.528E-17	2.300E-17	0.000E+00	2.752E+03	1.315E+03	-2.295E-01
31	2	5	-3.528E-17	-2.300E-17	7.518E-34	2.724E+03	1.527E+03	-2.822E+02	-2.300E-17	-3.528E-17	1.571E+00	2.787E+03	1.464E+03	-2.204E-01
31	2	6	1.023E-16	-2.763E-18	-6.432E-33	2.716E+03	1.506E+03	-2.805E+02	1.023E-16	-2.763E-18	0.000E+00	2.778E+03	1.444E+03	-2.171E-01
31	2	7	-3.528E-17	-2.300E-17	7.518E-34	2.651E+03	1.294E+03	-3.679E+02	-2.300E-17	-3.528E-17	1.571E+00	2.745E+03	1.200E+03	-2.483E-01
31	2	8	1.023E-16	-2.763E-18	-6.432E-33	2.644E+03	1.272E+03	-3.662E+02	1.023E-16	-2.763E-18	0.000E+00	2.735E+03	1.180E+03	-2.452E-01
31	2	9	-1.023E-16	2.763E-18	6.432E-33	1.415E+03	-7.229E+03	-1.734E+02	2.763E-18	-1.023E-16	1.571E+00	1.418E+03	-7.232E+03	-2.005E-02
31	2	10	3.528E-17	2.300E-17	-7.518E-34	1.407E+03	-7.250E+03	-1.717E+02	3.528E-17	2.300E-17	0.000E+00	1.410E+03	-7.254E+03	-1.982E-02
31	2	11	-1.023E-16	2.763E-18	6.432E-33	1.343E+03	-7.463E+03	-2.591E+02	2.763E-18	-1.023E-16	1.571E+00	1.350E+03	-7.470E+03	-2.939E-02
31	2	12	3.528E-17	2.300E-17	-7.518E-34	1.335E+03	-7.484E+03	-2.574E+02	3.528E-17	2.300E-17	0.000E+00	1.342E+03	-7.492E+03	-2.916E-02
31	2	13	-3.528E-17	-2.300E-17	7.518E-34	1.381E+03	-7.347E+03	-2.214E+02	-2.300E-17	-3.528E-17	1.571E+00	1.387E+03	-7.352E+03	-2.534E-02
31	2	14	1.023E-16	-2.763E-18	-6.432E-33	1.373E+03	-7.368E+03	-2.197E+02	1.023E-16	-2.763E-18	0.000E+00	1.379E+03	-7.374E+03	-2.511E-02
31	2	15	-3.528E-17	-2.300E-17	7.518E-34	1.309E+03	-7.580E+03	-3.071E+02	-2.300E-17	-3.528E-17	1.571E+00	1.320E+03	-7.591E+03	-3.449E-02
31	2	16	1.023E-16	-2.763E-18	-6.432E-33	1.301E+03	-7.602E+03	-3.054E+02	1.023E-16	-2.763E-18	0.000E+00	1.312E+03	-7.613E+03	-3.425E-02
31	3	1	2.545E-18	-9.981E-17	-1.253E-32	1.303E+03	3.570E+02	7.059E+02	2.545E-18	-9.981E-17	0.000E+00	1.680E+03	-1.972E+01	4.902E-01
31	3	2	2.384E-17	3.517E-17	1.387E-33	1.299E+03	3.518E+02	7.071E+02	3.517E-17	2.384E-17	1.571E+00	1.676E+03	-2.567E+01	4.904E-01
31	3	3	2.545E-18	-9.981E-17	-1.253E-32	1.250E+03	2.288E+02	6.476E+02	2.545E-18	-9.981E-17	0.000E+00	1.564E+03	-8.538E+01	4.517E-01
31	3	4	2.384E-17	3.517E-17	1.387E-33	1.246E+03	2.236E+02	6.489E+02	3.517E-17	2.384E-17	1.571E+00	1.561E+03	-9.131E+01	4.518E-01
31	3	5	-2.384E-17	-3.517E-17	-1.387E-33	1.275E+03	2.846E+02	6.734E+02	-2.384E-17	-3.517E-17	0.000E+00	1.616E+03	-5.613E+01	4.684E-01
31	3	6	-2.545E-18	9.981E-17	1.253E-32	1.271E+03	2.794E+02	6.746E+02	9.981E-17	-2.545E-18	1.571E+00	1.612E+03	-6.207E+01	4.685E-01
31	3	7	-2.384E-17	-3.517E-17	-1.387E-33	1.222E+03	1.563E+02	6.151E+02	-2.384E-17	-3.517E-17	0.000E+00	1.503E+03	-1.247E+02	4.286E-01

31	3	8	-2.545E-18	9.981E-17	1.253E-32	1.218E+03	1.511E+02	6.164E+02	9.981E-17	-2.545E-18	1.571E+00	1.499E+03	-1.306E+02	4.288E-01
31	3	9	2.545E-18	-9.981E-17	-1.253E-32	4.380E+02	-4.331E+03	7.785E+02	2.545E-18	-9.981E-17	0.000E+00	5.619E+02	-4.455E+03	1.578E-01
31	3	10	2.384E-17	3.517E-17	1.387E-33	4.340E+02	-4.336E+03	7.798E+02	3.517E-17	2.384E-17	1.571E+00	5.582E+02	-4.460E+03	1.580E-01
31	3	11	2.545E-18	-9.981E-17	-1.253E-32	3.848E+02	-4.459E+03	7.203E+02	2.545E-18	-9.981E-17	0.000E+00	4.896E+02	-4.564E+03	1.445E-01
31	3	12	2.384E-17	3.517E-17	1.387E-33	3.808E+02	-4.464E+03	7.215E+02	3.517E-17	2.384E-17	1.571E+00	4.859E+02	-4.570E+03	1.447E-01
31	3	13	-2.384E-17	-3.517E-17	-1.387E-33	4.099E+02	-4.403E+03	7.460E+02	-2.384E-17	-3.517E-17	0.000E+00	5.229E+02	-4.516E+03	1.503E-01
31	3	14	-2.545E-18	9.981E-17	1.253E-32	4.059E+02	-4.409E+03	7.472E+02	9.981E-17	-2.545E-18	1.571E+00	5.192E+02	-4.522E+03	1.505E-01
31	3	15	-2.384E-17	-3.517E-17	-1.387E-33	3.567E+02	-4.532E+03	6.877E+02	-2.384E-17	-3.517E-17	0.000E+00	4.516E+02	-4.627E+03	1.371E-01
31	3	16	-2.545E-18	9.981E-17	1.253E-32	3.527E+02	-4.537E+03	6.890E+02	9.981E-17	-2.545E-18	1.571E+00	4.479E+02	-4.632E+03	1.373E-01
31	4	1	-1.001E-16	3.542E-18	-6.345E-33	6.922E+02	1.936E+03	9.138E+02	3.542E-18	-1.001E-16	1.571E+00	2.419E+03	2.087E+02	1.084E+00
31	4	2	3.724E-17	2.403E-17	8.091E-34	6.889E+02	1.922E+03	9.146E+02	3.724E-17	2.403E-17	0.000E+00	2.409E+03	2.026E+02	1.082E+00
31	4	3	-1.001E-16	3.542E-18	-6.345E-33	6.724E+02	1.721E+03	8.693E+02	3.542E-18	-1.001E-16	1.571E+00	2.212E+03	1.814E+02	1.057E+00
31	4	4	3.724E-17	2.403E-17	8.091E-34	6.691E+02	1.707E+03	8.701E+02	3.724E-17	2.403E-17	0.000E+00	2.201E+03	1.750E+02	1.054E+00
31	4	5	-3.724E-17	-2.403E-17	-8.091E-34	6.896E+02	1.818E+03	8.889E+02	-2.403E-17	-3.724E-17	1.571E+00	2.306E+03	2.010E+02	1.068E+00
31	4	6	1.001E-16	-3.542E-18	6.345E-33	6.863E+02	1.805E+03	8.897E+02	1.001E-16	-3.542E-18	0.000E+00	2.296E+03	1.947E+02	1.066E+00
31	4	7	-3.724E-17	-2.403E-17	-8.091E-34	6.698E+02	1.603E+03	8.444E+02	-2.403E-17	-3.724E-17	1.571E+00	2.101E+03	1.716E+02	1.038E+00
31	4	8	1.001E-16	-3.542E-18	6.345E-33	6.665E+02	1.590E+03	8.452E+02	1.001E-16	-3.542E-18	0.000E+00	2.091E+03	1.650E+02	1.035E+00
31	4	9	-1.001E-16	3.542E-18	-6.345E-33	6.861E+02	-5.767E+03	1.587E+03	3.542E-18	-1.001E-16	1.571E+00	1.055E+03	-6.136E+03	2.285E-01
31	4	10	3.724E-17	2.403E-17	8.091E-34	6.828E+02	-5.780E+03	1.588E+03	3.724E-17	2.403E-17	0.000E+00	1.052E+03	-6.149E+03	2.283E-01
31	4	11	-1.001E-16	3.542E-18	-6.345E-33	6.663E+02	-5.982E+03	1.542E+03	3.542E-18	-1.001E-16	1.571E+00	1.007E+03	-6.322E+03	2.172E-01
31	4	12	3.724E-17	2.403E-17	8.091E-34	6.630E+02	-5.995E+03	1.543E+03	3.724E-17	2.403E-17	0.000E+00	1.003E+03	-6.336E+03	2.170E-01
31	4	13	-3.724E-17	-2.403E-17	-8.091E-34	6.836E+02	-5.885E+03	1.562E+03	-2.403E-17	-3.724E-17	1.571E+00	1.036E+03	-6.237E+03	2.220E-01
31	4	14	1.001E-16	-3.542E-18	6.345E-33	6.802E+02	-5.898E+03	1.563E+03	1.001E-16	-3.542E-18	0.000E+00	1.033E+03	-6.250E+03	2.218E-01
31	4	15	-3.724E-17	-2.403E-17	-8.091E-34	6.637E+02	-6.100E+03	1.517E+03	-2.403E-17	-3.724E-17	1.571E+00	9.885E+02	-6.425E+03	2.109E-01
31	4	16	1.001E-16	-3.542E-18	6.345E-33	6.604E+02	-6.113E+03	1.518E+03	1.001E-16	-3.542E-18	0.000E+00	9.851E+02	-6.438E+03	2.107E-01
32	1	1	-2.191E-16	-7.687E-17	-5.596E-17	-1.450E+02	1.603E+03	-1.182E+02	-5.750E-17	-2.385E-16	1.571E+00	1.611E+03	-1.529E+02	1.638E+00
32	1	2	-2.040E-16	2.418E-17	2.401E-17	-1.495E+02	1.599E+03	-1.185E+02	2.668E-17	-2.065E-16	1.571E+00	1.607E+03	-1.575E+02	1.638E+00
32	1	3	-2.191E-16	-7.687E-17	-5.596E-17	-1.938E+02	1.529E+03	-6.078E+01	-5.750E-17	-2.385E-16	1.571E+00	1.531E+03	-1.959E+02	1.606E+00
32	1	4	-2.040E-16	2.418E-17	2.401E-17	-1.983E+02	1.525E+03	-6.112E+01	2.668E-17	-2.065E-16	1.571E+00	1.527E+03	-2.005E+02	1.606E+00
32	1	5	2.040E-16	-2.418E-17	-2.401E-17	-1.696E+02	1.562E+03	-8.553E+01	2.065E-16	-2.668E-17	0.000E+00	1.566E+03	-1.738E+02	1.620E+00
32	1	6	2.191E-16	7.687E-17	5.596E-17	-1.742E+02	1.558E+03	-8.587E+01	2.385E-16	5.750E-17	0.000E+00	1.562E+03	-1.784E+02	1.620E+00
32	1	7	2.040E-16	-2.418E-17	-2.401E-17	-2.185E+02	1.488E+03	-2.812E+01	2.065E-16	-2.668E-17	0.000E+00	1.488E+03	-2.189E+02	1.587E+00
32	1	8	2.191E-16	7.687E-17	5.596E-17	-2.230E+02	1.484E+03	-2.846E+01	2.385E-16	5.750E-17	0.000E+00	1.484E+03	-2.235E+02	1.587E+00
32	1	9	-2.191E-16	-7.687E-17	-5.596E-17	-1.790E+03	1.237E+03	-1.828E+02	-5.750E-17	-2.385E-16	1.571E+00	1.248E+03	-1.801E+03	1.631E+00
32	1	10	-2.040E-16	2.418E-17	2.401E-17	-1.795E+03	1.233E+03	-1.832E+02	2.668E-17	-2.065E-16	1.571E+00	1.244E+03	-1.806E+03	1.631E+00
32	1	11	-2.191E-16	-7.687E-17	-5.596E-17	-1.839E+03	1.163E+03	-1.254E+02	-5.750E-17	-2.385E-16	1.571E+00	1.168E+03	-1.844E+03	1.612E+00
32	1	12	-2.040E-16	2.418E-17	2.401E-17	-1.844E+03	1.159E+03	-1.257E+02	2.668E-17	-2.065E-16	1.571E+00	1.164E+03	-1.849E+03	1.613E+00
32	1	13	2.040E-16	-2.418E-17	-2.401E-17	-1.815E+03	1.196E+03	-1.502E+02	2.065E-16	-2.668E-17	0.000E+00	1.204E+03	-1.822E+03	1.620E+00
32	1	14	2.191E-16	7.687E-17	5.596E-17	-1.820E+03	1.192E+03	-1.505E+02	2.385E-16	5.750E-17	0.000E+00	1.200E+03	-1.827E+03	1.621E+00
32	1	15	2.040E-16	-2.418E-17	-2.401E-17	-1.864E+03	1.122E+03	-9.274E+01	2.065E-16	-2.668E-17	0.000E+00	1.125E+03	-1.867E+03	1.602E+00
32	1	16	2.191E-16	7.687E-17	5.596E-17	-1.868E+03	1.118E+03	-9.308E+01	2.385E-16	5.750E-17	0.000E+00	1.121E+03	-1.871E+03	1.602E+00
32	2	1	-2.497E-16	-1.936E-17	1.410E-32	-1.222E+02	8.819E+02	-2.731E+02	-1.936E-17	-2.497E-16	1.571E+00	9.514E+02	-1.917E+02	1.820E+00
32	2	2	-1.366E-16	-3.565E-17	6.182E-33	-1.223E+02	8.790E+02	-2.737E+02	-3.565E-17	-1.366E-16	1.571E+00	9.490E+02	-1.922E+02	1.821E+00

32	2	3	-2.497E-16	-1.936E-17	1.410E-32	-1.397E+02	8.239E+02	-2.322E+02	-1.936E-17	-2.497E-16	1.571E+00	8.769E+02	-1.927E+02	1.795E+00
32	2	4	-1.366E-16	-3.565E-17	6.182E-33	-1.397E+02	8.210E+02	-2.327E+02	-3.565E-17	-1.366E-16	1.571E+00	8.744E+02	-1.931E+02	1.796E+00
32	2	5	1.366E-16	3.565E-17	-6.182E-33	-1.322E+02	8.495E+02	-2.500E+02	1.366E-16	3.565E-17	0.000E+00	9.095E+02	-1.922E+02	1.806E+00
32	2	6	2.497E-16	1.936E-17	-1.410E-32	-1.322E+02	8.467E+02	-2.506E+02	2.497E-16	1.936E-17	0.000E+00	9.071E+02	-1.926E+02	1.807E+00
32	2	7	1.366E-16	3.565E-17	-6.182E-33	-1.497E+02	7.915E+02	-2.091E+02	1.366E-16	3.565E-17	0.000E+00	8.359E+02	-1.940E+02	1.780E+00
32	2	8	2.497E-16	1.936E-17	-1.410E-32	-1.497E+02	7.887E+02	-2.096E+02	2.497E-16	1.936E-17	0.000E+00	8.334E+02	-1.944E+02	1.781E+00
32	2	9	-2.497E-16	-1.936E-17	1.410E-32	-4.813E+02	5.432E+02	-3.450E+02	-1.936E-17	-2.497E-16	1.571E+00	6.486E+02	-5.866E+02	1.867E+00
32	2	10	-1.366E-16	-3.565E-17	6.182E-33	-4.813E+02	5.404E+02	-3.455E+02	-3.565E-17	-1.366E-16	1.571E+00	6.463E+02	-5.872E+02	1.868E+00
32	2	11	-2.497E-16	-1.936E-17	1.410E-32	-4.988E+02	4.852E+02	-3.041E+02	-1.936E-17	-2.497E-16	1.571E+00	5.716E+02	-5.851E+02	1.848E+00
32	2	12	-1.366E-16	-3.565E-17	6.182E-33	-4.988E+02	4.824E+02	-3.046E+02	-3.565E-17	-1.366E-16	1.571E+00	5.693E+02	-5.857E+02	1.849E+00
32	2	13	1.366E-16	3.565E-17	-6.182E-33	-4.913E+02	5.109E+02	-3.219E+02	1.366E-16	3.565E-17	0.000E+00	6.054E+02	-5.858E+02	1.856E+00
32	2	14	2.497E-16	1.936E-17	-1.410E-32	-4.913E+02	5.080E+02	-3.224E+02	2.497E-16	1.936E-17	0.000E+00	6.030E+02	-5.863E+02	1.857E+00
32	2	15	1.366E-16	3.565E-17	-6.182E-33	-5.087E+02	4.529E+02	-2.810E+02	1.366E-16	3.565E-17	0.000E+00	5.289E+02	-5.848E+02	1.835E+00
32	2	16	2.497E-16	1.936E-17	-1.410E-32	-5.088E+02	4.500E+02	-2.815E+02	2.497E-16	1.936E-17	0.000E+00	5.266E+02	-5.853E+02	1.836E+00
32	3	1	-2.846E-17	-2.330E-16	-2.505E-32	3.643E+02	5.179E+02	-4.090E+02	-2.846E-17	-2.330E-16	0.000E+00	8.573E+02	2.491E+01	2.263E+00
32	3	2	-3.040E-17	-1.149E-16	-1.035E-32	3.622E+02	5.156E+02	-4.095E+02	-3.040E-17	-1.149E-16	0.000E+00	8.555E+02	2.224E+01	2.264E+00
32	3	3	-2.846E-17	-2.330E-16	-2.505E-32	2.973E+02	4.938E+02	-3.790E+02	-2.846E-17	-2.330E-16	0.000E+00	7.871E+02	3.978E+00	2.229E+00
32	3	4	-3.040E-17	-1.149E-16	-1.035E-32	2.952E+02	4.915E+02	-3.795E+02	-3.040E-17	-1.149E-16	0.000E+00	7.853E+02	1.322E+00	2.230E+00
32	3	5	3.040E-17	1.149E-16	1.035E-32	3.262E+02	5.060E+02	-3.922E+02	1.149E-16	3.040E-17	1.571E+00	8.184E+02	1.374E+01	2.244E+00
32	3	6	2.846E-17	2.330E-16	2.505E-32	3.241E+02	5.037E+02	-3.927E+02	2.330E-16	2.846E-17	1.571E+00	8.167E+02	1.108E+01	2.244E+00
32	3	7	3.040E-17	1.149E-16	1.035E-32	2.592E+02	4.819E+02	-3.622E+02	1.149E-16	3.040E-17	1.571E+00	7.495E+02	-8.364E+00	2.207E+00
32	3	8	2.846E-17	2.330E-16	2.505E-32	2.571E+02	4.796E+02	-3.627E+02	2.330E-16	2.846E-17	1.571E+00	7.477E+02	-1.101E+01	2.207E+00
32	3	9	-2.846E-17	-2.330E-16	-2.505E-32	-1.266E+03	1.324E+02	-7.807E+02	-2.846E-17	-2.330E-16	0.000E+00	4.813E+02	-1.615E+03	1.991E+00
32	3	10	-3.040E-17	-1.149E-16	-1.035E-32	-1.268E+03	1.301E+02	-7.812E+02	-3.040E-17	-1.149E-16	0.000E+00	4.794E+02	-1.617E+03	1.991E+00
32	3	11	-2.846E-17	-2.330E-16	-2.505E-32	-1.333E+03	1.083E+02	-7.507E+02	-2.846E-17	-2.330E-16	0.000E+00	4.283E+02	-1.653E+03	1.974E+00
32	3	12	-3.040E-17	-1.149E-16	-1.035E-32	-1.335E+03	1.060E+02	-7.512E+02	-3.040E-17	-1.149E-16	0.000E+00	4.264E+02	-1.655E+03	1.974E+00
32	3	13	3.040E-17	1.149E-16	1.035E-32	-1.304E+03	1.205E+02	-7.639E+02	1.149E-16	3.040E-17	1.571E+00	4.527E+02	-1.636E+03	1.981E+00
32	3	14	2.846E-17	2.330E-16	2.505E-32	-1.306E+03	1.182E+02	-7.643E+02	2.330E-16	2.846E-17	1.571E+00	4.507E+02	-1.639E+03	1.981E+00
32	3	15	3.040E-17	1.149E-16	1.035E-32	-1.371E+03	9.640E+01	-7.339E+02	1.149E-16	3.040E-17	1.571E+00	4.004E+02	-1.675E+03	1.964E+00
32	3	16	2.846E-17	2.330E-16	2.505E-32	-1.373E+03	9.409E+01	-7.344E+02	2.330E-16	2.846E-17	1.571E+00	3.985E+02	-1.677E+03	1.964E+00
32	4	1	-2.719E-16	-1.655E-17	-1.564E-32	3.546E+02	1.236E+03	-4.518E+02	-1.655E-17	-2.719E-16	1.571E+00	1.426E+03	1.641E+02	1.970E+00
32	4	2	-1.155E-16	-3.731E-17	-4.789E-33	3.483E+02	1.232E+03	-4.533E+02	-3.731E-17	-1.155E-16	1.571E+00	1.423E+03	1.572E+02	1.970E+00
32	4	3	-2.719E-16	-1.655E-17	-1.564E-32	2.708E+02	1.192E+03	-4.016E+02	-1.655E-17	-2.719E-16	1.571E+00	1.343E+03	1.204E+02	1.929E+00
32	4	4	-1.155E-16	-3.731E-17	-4.789E-33	2.645E+02	1.189E+03	-4.030E+02	-3.731E-17	-1.155E-16	1.571E+00	1.340E+03	1.135E+02	1.929E+00
32	4	5	1.155E-16	3.731E-17	4.789E-33	3.099E+02	1.214E+03	-4.241E+02	1.155E-16	3.731E-17	0.000E+00	1.381E+03	1.421E+02	1.948E+00
32	4	6	2.719E-16	1.655E-17	1.564E-32	3.036E+02	1.210E+03	-4.255E+02	2.719E-16	1.655E-17	0.000E+00	1.378E+03	1.352E+02	1.948E+00
32	4	7	1.155E-16	3.731E-17	4.789E-33	2.261E+02	1.170E+03	-3.738E+02	1.155E-16	3.731E-17	0.000E+00	1.300E+03	9.598E+01	1.906E+00
32	4	8	2.719E-16	1.655E-17	1.564E-32	2.198E+02	1.166E+03	-3.753E+02	2.719E-16	1.655E-17	0.000E+00	1.297E+03	8.909E+01	1.906E+00
32	4	9	-2.719E-16	-1.655E-17	-1.564E-32	-2.510E+03	8.110E+02	-5.290E+02	-1.655E-17	-2.719E-16	1.571E+00	8.932E+02	-2.593E+03	1.725E+00
32	4	10	-1.155E-16	-3.731E-17	-4.789E-33	-2.517E+03	8.073E+02	-5.305E+02	-3.731E-17	-1.155E-16	1.571E+00	8.899E+02	-2.599E+03	1.725E+00
32	4	11	-2.719E-16	-1.655E-17	-1.564E-32	-2.594E+03	7.673E+02	-4.788E+02	-1.655E-17	-2.719E-16	1.571E+00	8.342E+02	-2.661E+03	1.710E+00
32	4	12	-1.155E-16	-3.731E-17	-4.789E-33	-2.601E+03	7.637E+02	-4.802E+02	-3.731E-17	-1.155E-16	1.571E+00	8.309E+02	-2.668E+03	1.710E+00
32	4	13	1.155E-16	3.731E-17	4.789E-33	-2.555E+03	7.886E+02	-5.013E+02	1.155E-16	3.731E-17	0.000E+00	8.621E+02	-2.629E+03	1.716E+00















249	3	11	-3.781E-01	-1.894E+00	-1.692E+00	2.094E+03	-1.136E+04	-9.093E+01	7.179E-01	-2.990E+00	-5.748E-01	2.094E+03	-1.136E+04	-6.760E-03
249	3	12	-3.780E-01	-1.908E+00	-1.690E+00	2.095E+03	-1.135E+04	-9.104E+01	7.121E-01	-2.998E+00	-5.729E-01	2.095E+03	-1.135E+04	-6.769E-03
249	3	13	-4.751E-01	-2.717E+00	-1.231E+00	2.138E+03	-1.112E+04	-2.605E+01	6.888E-02	-3.261E+00	-4.161E-01	2.138E+03	-1.112E+04	-1.966E-03
249	3	14	-4.750E-01	-2.730E+00	-1.229E+00	2.138E+03	-1.111E+04	-2.616E+01	6.523E-02	-3.271E+00	-4.142E-01	2.138E+03	-1.111E+04	-1.974E-03
249	3	15	-3.788E-01	-1.919E+00	-1.688E+00	2.095E+03	-1.135E+04	-9.001E+01	7.065E-01	-3.004E+00	-5.714E-01	2.096E+03	-1.135E+04	-6.694E-03
249	3	16	-3.787E-01	-1.932E+00	-1.686E+00	2.096E+03	-1.135E+04	-9.012E+01	7.007E-01	-3.012E+00	-5.695E-01	2.097E+03	-1.135E+04	-6.703E-03
249	4	1	-8.835E-01	-1.863E+00	1.669E+00	4.115E+02	-6.086E+03	-1.902E+03	3.662E-01	-3.112E+00	6.427E-01	9.276E+02	-6.602E+03	-2.649E-01
249	4	2	-8.861E-01	-1.870E+00	1.673E+00	4.107E+02	-6.081E+03	-1.903E+03	3.656E-01	-3.122E+00	6.424E-01	9.272E+02	-6.598E+03	-2.651E-01
249	4	3	-6.239E-01	-1.466E+00	1.193E+00	4.716E+02	-6.343E+03	-1.811E+03	2.199E-01	-2.310E+00	6.156E-01	9.230E+02	-6.795E+03	-2.443E-01
249	4	4	-6.265E-01	-1.474E+00	1.197E+00	4.709E+02	-6.339E+03	-1.811E+03	2.193E-01	-2.320E+00	6.153E-01	9.226E+02	-6.790E+03	-2.444E-01
249	4	5	-8.865E-01	-1.881E+00	1.675E+00	4.106E+02	-6.079E+03	-1.901E+03	3.639E-01	-3.131E+00	6.412E-01	9.266E+02	-6.595E+03	-2.650E-01
249	4	6	-8.891E-01	-1.888E+00	1.679E+00	4.098E+02	-6.075E+03	-1.902E+03	3.632E-01	-3.140E+00	6.408E-01	9.263E+02	-6.591E+03	-2.652E-01
249	4	7	-6.268E-01	-1.484E+00	1.199E+00	4.707E+02	-6.337E+03	-1.810E+03	2.178E-01	-2.329E+00	6.137E-01	9.220E+02	-6.788E+03	-2.444E-01
249	4	8	-6.294E-01	-1.492E+00	1.203E+00	4.699E+02	-6.332E+03	-1.810E+03	2.172E-01	-2.338E+00	6.133E-01	9.216E+02	-6.784E+03	-2.446E-01
249	4	9	2.201E-01	-1.820E+00	-6.932E-01	6.269E+02	-5.902E+03	-1.432E+03	4.333E-01	-2.034E+00	-2.984E-01	9.274E+02	-6.202E+03	-2.068E-01
249	4	10	2.175E-01	-1.828E+00	-6.894E-01	6.261E+02	-5.897E+03	-1.433E+03	4.282E-01	-2.038E+00	-2.966E-01	9.269E+02	-6.198E+03	-2.069E-01
249	4	11	4.798E-01	-1.424E+00	-1.169E+00	6.870E+02	-6.159E+03	-1.341E+03	1.036E+00	-1.980E+00	-4.438E-01	9.403E+02	-6.413E+03	-1.867E-01
249	4	12	4.772E-01	-1.431E+00	-1.166E+00	6.863E+02	-6.155E+03	-1.341E+03	1.029E+00	-1.984E+00	-4.424E-01	9.398E+02	-6.408E+03	-1.868E-01
249	4	13	2.172E-01	-1.838E+00	-6.870E-01	6.260E+02	-5.895E+03	-1.431E+03	4.257E-01	-2.047E+00	-2.946E-01	9.263E+02	-6.196E+03	-2.068E-01
249	4	14	2.146E-01	-1.846E+00	-6.832E-01	6.252E+02	-5.891E+03	-1.432E+03	4.206E-01	-2.052E+00	-2.928E-01	9.258E+02	-6.192E+03	-2.070E-01
249	4	15	4.768E-01	-1.442E+00	-1.163E+00	6.861E+02	-6.153E+03	-1.340E+03	1.025E+00	-1.990E+00	-4.406E-01	9.393E+02	-6.406E+03	-1.868E-01
249	4	16	4.742E-01	-1.449E+00	-1.159E+00	6.853E+02	-6.148E+03	-1.340E+03	1.019E+00	-1.994E+00	-4.392E-01	9.388E+02	-6.402E+03	-1.869E-01
250	1	1	3.738E+00	-2.511E+00	-3.207E-01	-4.831E+03	-2.510E+03	-1.210E+03	3.754E+00	-2.528E+00	-5.114E-02	-1.994E+03	-5.347E+03	1.974E+00
250	1	2	3.746E+00	-2.522E+00	-3.236E-01	-4.832E+03	-2.507E+03	-1.208E+03	3.763E+00	-2.538E+00	-5.146E-02	-1.992E+03	-5.346E+03	1.973E+00
250	1	3	2.479E+00	-1.867E+00	-3.377E-02	-4.680E+03	-2.682E+03	-1.279E+03	2.479E+00	-1.868E+00	-7.769E-03	-2.058E+03	-5.304E+03	2.025E+00
250	1	4	2.487E+00	-1.878E+00	-3.670E-02	-4.680E+03	-2.679E+03	-1.278E+03	2.487E+00	-1.878E+00	-8.408E-03	-2.057E+03	-5.303E+03	2.024E+00
250	1	5	3.740E+00	-2.527E+00	-3.276E-01	-4.832E+03	-2.506E+03	-1.207E+03	3.757E+00	-2.544E+00	-5.209E-02	-1.993E+03	-5.345E+03	1.973E+00
250	1	6	3.748E+00	-2.537E+00	-3.305E-01	-4.833E+03	-2.503E+03	-1.205E+03	3.765E+00	-2.555E+00	-5.240E-02	-1.992E+03	-5.344E+03	1.972E+00
250	1	7	2.481E+00	-1.883E+00	-4.066E-02	-4.681E+03	-2.679E+03	-1.276E+03	2.481E+00	-1.883E+00	-9.316E-03	-2.058E+03	-5.301E+03	2.024E+00
250	1	8	2.489E+00	-1.893E+00	-4.359E-02	-4.681E+03	-2.676E+03	-1.274E+03	2.489E+00	-1.894E+00	-9.946E-03	-2.057E+03	-5.300E+03	2.023E+00
250	1	9	-3.861E+00	-1.651E+00	-1.780E+00	-3.506E+03	-1.740E+03	-1.189E+03	-6.612E-01	-4.851E+00	2.078E+00	-1.142E+03	-4.104E+03	2.037E+00
250	1	10	-3.854E+00	-1.661E+00	-1.782E+00	-3.507E+03	-1.737E+03	-1.188E+03	-6.649E-01	-4.850E+00	2.081E+00	-1.141E+03	-4.103E+03	2.036E+00
250	1	11	-5.120E+00	-1.007E+00	-1.493E+00	-3.355E+03	-1.912E+03	-1.259E+03	-5.225E-01	-5.605E+00	1.885E+00	-1.183E+03	-4.084E+03	2.096E+00
250	1	12	-5.113E+00	-1.017E+00	-1.496E+00	-3.355E+03	-1.909E+03	-1.257E+03	-5.295E-01	-5.601E+00	1.886E+00	-1.182E+03	-4.083E+03	2.095E+00
250	1	13	-3.860E+00	-1.666E+00	-1.786E+00	-3.507E+03	-1.736E+03	-1.186E+03	-6.669E-01	-4.859E+00	2.081E+00	-1.142E+03	-4.102E+03	2.036E+00
250	1	14	-3.852E+00	-1.677E+00	-1.789E+00	-3.507E+03	-1.733E+03	-1.184E+03	-6.704E-01	-4.858E+00	2.083E+00	-1.141E+03	-4.100E+03	2.035E+00
250	1	15	-5.119E+00	-1.023E+00	-1.499E+00	-3.355E+03	-1.909E+03	-1.255E+03	-5.324E-01	-5.609E+00	1.887E+00	-1.183E+03	-4.081E+03	2.095E+00
250	1	16	-5.111E+00	-1.033E+00	-1.502E+00	-3.356E+03	-1.906E+03	-1.254E+03	-5.393E-01	-5.605E+00	1.888E+00	-1.182E+03	-4.079E+03	2.094E+00
250	2	1	2.640E+00	-7.150E-02	-1.332E+00	-8.355E+03	-7.153E+03	-4.957E+02	3.185E+00	-6.161E-01	-3.882E-01	-6.975E+03	-8.533E+03	1.916E+00
250	2	2	2.647E+00	-7.244E-02	-1.336E+00	-8.355E+03	-7.151E+03	-4.949E+02	3.194E+00	-6.193E-01	-3.884E-01	-6.974E+03	-8.532E+03	1.915E+00
250	2	3	1.735E+00	1.143E-03	-1.051E+00	-8.303E+03	-7.290E+03	-5.254E+02	2.230E+00	-4.945E-01	-4.406E-01	-7.067E+03	-8.526E+03	1.973E+00
250	2	4	1.741E+00	1.961E-04	-1.056E+00	-8.303E+03	-7.288E+03	-5.247E+02	2.239E+00	-4.977E-01	-4.407E-01	-7.066E+03	-8.525E+03	1.972E+00
250	2	5	2.642E+00	-7.238E-02	-1.339E+00	-8.356E+03	-7.153E+03	-4.928E+02	3.191E+00	-6.216E-01	-3.893E-01	-6.977E+03	-8.532E+03	1.914E+00

250	2	6	2.648E+00	-7.333E-02	-1.343E+00	-8.356E+03	-7.151E+03	-4.921E+02	3.200E+00	-6.248E-01	-3.895E-01	-6.976E+03	-8.532E+03	1.913E+00
250	2	7	1.736E+00	2.596E-04	-1.058E+00	-8.304E+03	-7.290E+03	-5.226E+02	2.237E+00	-5.003E-01	-4.419E-01	-7.069E+03	-8.525E+03	1.971E+00
250	2	8	1.743E+00	-6.868E-04	-1.063E+00	-8.304E+03	-7.288E+03	-5.218E+02	2.246E+00	-5.036E-01	-4.419E-01	-7.068E+03	-8.524E+03	1.970E+00
250	2	9	-2.741E+00	2.905E-01	-3.506E-01	-7.570E+03	-7.137E+03	-7.374E+02	3.305E-01	-2.781E+00	1.684E+00	-6.585E+03	-8.122E+03	2.213E+00
250	2	10	-2.734E+00	2.896E-01	-3.553E-01	-7.570E+03	-7.135E+03	-7.367E+02	3.308E-01	-2.776E+00	1.686E+00	-6.584E+03	-8.120E+03	2.213E+00
250	2	11	-3.646E+00	3.632E-01	-6.996E-02	-7.517E+03	-7.274E+03	-7.671E+02	3.644E-01	-3.647E+00	1.588E+00	-6.619E+03	-8.172E+03	2.277E+00
250	2	12	-3.640E+00	3.622E-01	-7.466E-02	-7.518E+03	-7.272E+03	-7.664E+02	3.636E-01	-3.641E+00	1.589E+00	-6.618E+03	-8.171E+03	2.277E+00
250	2	13	-2.739E+00	2.896E-01	-3.576E-01	-7.571E+03	-7.137E+03	-7.346E+02	3.313E-01	-2.781E+00	1.687E+00	-6.588E+03	-8.120E+03	2.213E+00
250	2	14	-2.733E+00	2.887E-01	-3.623E-01	-7.571E+03	-7.135E+03	-7.338E+02	3.315E-01	-2.776E+00	1.688E+00	-6.587E+03	-8.118E+03	2.212E+00
250	2	15	-3.645E+00	3.623E-01	-7.699E-02	-7.519E+03	-7.274E+03	-7.643E+02	3.638E-01	-3.646E+00	1.590E+00	-6.622E+03	-8.170E+03	2.277E+00
250	2	16	-3.638E+00	3.613E-01	-8.170E-02	-7.519E+03	-7.272E+03	-7.636E+02	3.630E-01	-3.640E+00	1.591E+00	-6.622E+03	-8.169E+03	2.276E+00
250	3	1	1.542E+00	-1.647E+00	-3.214E-01	-4.645E+03	-8.585E+03	-1.973E+03	1.575E+00	-1.679E+00	-9.942E-02	-3.827E+03	-9.404E+03	-3.931E-01
250	3	2	1.547E+00	-1.656E+00	-3.243E-01	-4.645E+03	-8.581E+03	-1.973E+03	1.580E+00	-1.689E+00	-9.988E-02	-3.827E+03	-9.400E+03	-3.933E-01
250	3	3	9.877E-01	-1.164E+00	-3.438E-02	-4.688E+03	-8.910E+03	-1.999E+03	9.883E-01	-1.164E+00	-1.597E-02	-3.892E+03	-9.707E+03	-3.791E-01
250	3	4	9.924E-01	-1.173E+00	-3.731E-02	-4.688E+03	-8.906E+03	-1.999E+03	9.930E-01	-1.174E+00	-1.722E-02	-3.891E+03	-9.703E+03	-3.793E-01
250	3	5	1.544E+00	-1.663E+00	-3.283E-01	-4.645E+03	-8.581E+03	-1.972E+03	1.577E+00	-1.696E+00	-1.010E-01	-3.827E+03	-9.399E+03	-3.932E-01
250	3	6	1.549E+00	-1.672E+00	-3.312E-01	-4.645E+03	-8.577E+03	-1.971E+03	1.582E+00	-1.706E+00	-1.014E-01	-3.827E+03	-9.395E+03	-3.934E-01
250	3	7	9.892E-01	-1.179E+00	-4.127E-02	-4.688E+03	-8.906E+03	-1.998E+03	9.900E-01	-1.180E+00	-1.902E-02	-3.892E+03	-9.702E+03	-3.792E-01
250	3	8	9.939E-01	-1.188E+00	-4.421E-02	-4.688E+03	-8.902E+03	-1.998E+03	9.948E-01	-1.189E+00	-2.025E-02	-3.891E+03	-9.698E+03	-3.794E-01
250	3	9	-1.621E+00	-2.673E+00	-1.780E+00	-4.103E+03	-9.435E+03	-1.950E+03	-2.903E-01	-4.003E+00	-6.417E-01	-3.465E+03	-1.007E+04	-3.158E-01
250	3	10	-1.616E+00	-2.682E+00	-1.783E+00	-4.102E+03	-9.430E+03	-1.950E+03	-2.877E-01	-4.010E+00	-6.401E-01	-3.465E+03	-1.007E+04	-3.159E-01
250	3	11	-2.175E+00	-2.190E+00	-1.493E+00	-4.145E+03	-9.759E+03	-1.977E+03	-6.891E-01	-3.676E+00	-7.830E-01	-3.519E+03	-1.039E+04	-3.068E-01
250	3	12	-2.171E+00	-2.199E+00	-1.496E+00	-4.145E+03	-9.755E+03	-1.976E+03	-6.883E-01	-3.681E+00	-7.807E-01	-3.519E+03	-1.038E+04	-3.069E-01
250	3	13	-1.619E+00	-2.689E+00	-1.787E+00	-4.102E+03	-9.430E+03	-1.949E+03	-2.883E-01	-4.019E+00	-6.400E-01	-3.465E+03	-1.007E+04	-3.158E-01
250	3	14	-1.614E+00	-2.698E+00	-1.790E+00	-4.102E+03	-9.426E+03	-1.949E+03	-2.857E-01	-4.026E+00	-6.385E-01	-3.465E+03	-1.006E+04	-3.160E-01
250	3	15	-2.174E+00	-2.205E+00	-1.500E+00	-4.145E+03	-9.755E+03	-1.975E+03	-6.891E-01	-3.690E+00	-7.802E-01	-3.519E+03	-1.038E+04	-3.068E-01
250	3	16	-2.169E+00	-2.214E+00	-1.503E+00	-4.145E+03	-9.751E+03	-1.975E+03	-6.883E-01	-3.695E+00	-7.779E-01	-3.519E+03	-1.038E+04	-3.069E-01
250	4	1	2.639E+00	-4.078E+00	5.229E-01	-1.027E+03	-6.052E+03	-2.393E+03	2.679E+00	-4.118E+00	7.723E-02	-6.920E+01	-7.009E+03	-3.805E-01
250	4	2	2.645E+00	-4.096E+00	5.217E-01	-1.026E+03	-6.045E+03	-2.393E+03	2.685E+00	-4.136E+00	7.678E-02	-6.813E+01	-7.003E+03	-3.809E-01
250	4	3	1.733E+00	-3.041E+00	1.150E+00	-1.164E+03	-6.437E+03	-2.264E+03	1.996E+00	-3.304E+00	2.244E-01	-3.249E+02	-7.276E+03	-3.548E-01
250	4	4	1.740E+00	-3.060E+00	1.149E+00	-1.164E+03	-6.430E+03	-2.264E+03	2.000E+00	-3.321E+00	2.232E-01	-3.240E+02	-7.270E+03	-3.551E-01
250	4	5	2.640E+00	-4.108E+00	5.161E-01	-1.026E+03	-6.043E+03	-2.392E+03	2.679E+00	-4.147E+00	7.590E-02	-6.839E+01	-7.000E+03	-3.808E-01
250	4	6	2.646E+00	-4.127E+00	5.150E-01	-1.026E+03	-6.036E+03	-2.392E+03	2.685E+00	-4.165E+00	7.546E-02	-6.732E+01	-6.995E+03	-3.812E-01
250	4	7	1.735E+00	-3.072E+00	1.143E+00	-1.163E+03	-6.428E+03	-2.263E+03	1.993E+00	-3.330E+00	2.220E-01	-3.242E+02	-7.267E+03	-3.551E-01
250	4	8	1.741E+00	-3.090E+00	1.142E+00	-1.163E+03	-6.421E+03	-2.263E+03	1.998E+00	-3.347E+00	2.208E-01	-3.233E+02	-7.261E+03	-3.554E-01
250	4	9	-2.743E+00	-4.605E+00	-3.376E+00	5.646E+01	-6.114E+03	-1.696E+03	-1.719E-01	-7.176E+00	-6.508E-01	4.920E+02	-6.550E+03	-2.513E-01
250	4	10	-2.737E+00	-4.624E+00	-3.377E+00	5.656E+01	-6.108E+03	-1.696E+03	-1.736E-01	-7.187E+00	-6.492E-01	4.925E+02	-6.544E+03	-2.516E-01
250	4	11	-3.648E+00	-3.569E+00	-2.749E+00	-8.078E+01	-6.499E+03	-1.567E+03	-8.590E-01	-6.358E+00	2.349E+00	2.815E+02	-6.862E+03	-2.271E-01
250	4	12	-3.642E+00	-3.588E+00	-2.750E+00	-8.068E+01	-6.493E+03	-1.567E+03	-8.642E-01	-6.365E+00	2.351E+00	2.820E+02	-6.856E+03	-2.274E-01
250	4	13	-2.741E+00	-4.635E+00	-3.383E+00	5.696E+01	-6.105E+03	-1.695E+03	-1.755E-01	-7.201E+00	-6.489E-01	4.924E+02	-6.541E+03	-2.515E-01
250	4	14	-2.735E+00	-4.654E+00	-3.384E+00	5.707E+01	-6.099E+03	-1.695E+03	-1.771E-01	-7.212E+00	-6.472E-01	4.929E+02	-6.535E+03	-2.517E-01
250	4	15	-3.646E+00	-3.599E+00	-2.756E+00	-8.028E+01	-6.490E+03	-1.566E+03	-8.668E-01	-6.379E+00	2.352E+00	2.819E+02	-6.853E+03	-2.273E-01
250	4	16	-3.640E+00	-3.618E+00	-2.757E+00	-8.018E+01	-6.484E+03	-1.566E+03	-8.718E-01	-6.386E+00	2.354E+00	2.823E+02	-6.846E+03	-2.275E-01

251	1	1	4.610E+00	-2.618E+00	-1.057E+00	-4.962E+03	-2.688E+03	1.329E+03	4.761E+00	-2.769E+00	-1.423E-01	-2.076E+03	-5.575E+03	1.139E+00
251	1	2	4.620E+00	-2.625E+00	-1.057E+00	-4.963E+03	-2.686E+03	1.329E+03	4.771E+00	-2.776E+00	-1.419E-01	-2.075E+03	-5.574E+03	1.140E+00
251	1	3	3.428E+00	-1.913E+00	-8.388E-01	-4.818E+03	-2.859E+03	1.413E+03	3.556E+00	-2.041E+00	-1.522E-01	-2.119E+03	-5.558E+03	1.088E+00
251	1	4	3.438E+00	-1.920E+00	-8.386E-01	-4.818E+03	-2.857E+03	1.413E+03	3.566E+00	-2.048E+00	-1.517E-01	-2.118E+03	-5.557E+03	1.089E+00
251	1	5	4.624E+00	-2.604E+00	-1.068E+00	-4.964E+03	-2.694E+03	1.333E+03	4.778E+00	-2.759E+00	-1.437E-01	-2.078E+03	-5.580E+03	1.138E+00
251	1	6	4.634E+00	-2.611E+00	-1.068E+00	-4.965E+03	-2.692E+03	1.333E+03	4.788E+00	-2.765E+00	-1.434E-01	-2.077E+03	-5.580E+03	1.138E+00
251	1	7	3.441E+00	-1.899E+00	-8.502E-01	-4.820E+03	-2.865E+03	1.417E+03	3.573E+00	-2.031E+00	-1.541E-01	-2.121E+03	-5.563E+03	1.087E+00
251	1	8	3.452E+00	-1.906E+00	-8.500E-01	-4.820E+03	-2.863E+03	1.416E+03	3.583E+00	-2.038E+00	-1.536E-01	-2.120E+03	-5.563E+03	1.088E+00
251	1	9	-4.852E+00	-1.693E+00	2.705E+00	-3.317E+03	-1.466E+03	1.171E+03	-1.402E-01	-6.405E+00	1.050E+00	-8.989E+02	-3.884E+03	1.120E+00
251	1	10	-4.842E+00	-1.700E+00	2.705E+00	-3.318E+03	-1.464E+03	1.170E+03	-1.430E-01	-6.399E+00	1.048E+00	-8.979E+02	-3.884E+03	1.120E+00
251	1	11	-6.034E+00	-9.875E-01	2.923E+00	-3.173E+03	-1.636E+03	1.254E+03	3.505E-01	-7.372E+00	1.141E+00	-9.335E+02	-3.875E+03	1.060E+00
251	1	12	-6.024E+00	-9.948E-01	2.923E+00	-3.173E+03	-1.634E+03	1.254E+03	3.464E-01	-7.365E+00	1.141E+00	-9.327E+02	-3.875E+03	1.061E+00
251	1	13	-4.839E+00	-1.679E+00	2.693E+00	-3.319E+03	-1.471E+03	1.174E+03	-1.362E-01	-6.381E+00	1.051E+00	-9.009E+02	-3.889E+03	1.119E+00
251	1	14	-4.828E+00	-1.686E+00	2.694E+00	-3.320E+03	-1.469E+03	1.174E+03	-1.389E-01	-6.375E+00	1.049E+00	-8.999E+02	-3.889E+03	1.119E+00
251	1	15	-6.021E+00	-9.735E-01	2.911E+00	-3.174E+03	-1.642E+03	1.258E+03	3.558E-01	-7.350E+00	1.142E+00	-9.351E+02	-3.881E+03	1.059E+00
251	1	16	-6.011E+00	-9.809E-01	2.912E+00	-3.175E+03	-1.640E+03	1.258E+03	3.517E-01	-7.343E+00	1.142E+00	-9.342E+02	-3.881E+03	1.059E+00
251	2	1	3.030E+00	-3.917E+00	-2.759E+00	-1.354E+03	-6.130E+03	2.643E+03	3.992E+00	-4.879E+00	-3.356E-01	-1.804E+02	-7.304E+03	4.180E-01
251	2	2	3.037E+00	-3.929E+00	-2.762E+00	-1.354E+03	-6.126E+03	2.644E+03	3.999E+00	-4.891E+00	-3.352E-01	-1.792E+02	-7.301E+03	4.183E-01
251	2	3	2.170E+00	-2.786E+00	-2.256E+00	-1.233E+03	-6.552E+03	2.541E+03	3.043E+00	-3.660E+00	-3.693E-01	-2.148E+02	-7.571E+03	3.813E-01
251	2	4	2.178E+00	-2.798E+00	-2.259E+00	-1.234E+03	-6.547E+03	2.542E+03	3.050E+00	-3.670E+00	-3.686E-01	-2.138E+02	-7.567E+03	3.816E-01
251	2	5	3.039E+00	-3.885E+00	-2.775E+00	-1.357E+03	-6.140E+03	2.646E+03	4.014E+00	-4.861E+00	-3.379E-01	-1.821E+02	-7.314E+03	4.179E-01
251	2	6	3.047E+00	-3.897E+00	-2.778E+00	-1.357E+03	-6.135E+03	2.647E+03	4.021E+00	-4.872E+00	-3.374E-01	-1.809E+02	-7.311E+03	4.183E-01
251	2	7	2.179E+00	-2.754E+00	-2.273E+00	-1.236E+03	-6.561E+03	2.544E+03	3.066E+00	-3.642E+00	-3.723E-01	-2.165E+02	-7.581E+03	3.813E-01
251	2	8	2.187E+00	-2.766E+00	-2.276E+00	-1.237E+03	-6.557E+03	2.545E+03	3.073E+00	-3.653E+00	-3.716E-01	-2.155E+02	-7.578E+03	3.816E-01
251	2	9	-3.203E+00	-5.048E+00	4.556E+00	2.111E+02	-5.915E+03	1.536E+03	5.232E-01	-8.774E+00	6.855E-01	5.746E+02	-6.279E+03	2.324E-01
251	2	10	-3.195E+00	-5.059E+00	4.553E+00	2.107E+02	-5.911E+03	1.537E+03	5.206E-01	-8.775E+00	6.844E-01	5.750E+02	-6.275E+03	2.327E-01
251	2	11	-4.063E+00	-3.917E+00	5.058E+00	3.319E+02	-6.337E+03	1.434E+03	1.069E+00	-9.049E+00	7.926E-01	6.272E+02	-6.632E+03	2.031E-01
251	2	12	-4.055E+00	-3.928E+00	5.056E+00	3.315E+02	-6.333E+03	1.435E+03	1.065E+00	-9.048E+00	7.916E-01	6.274E+02	-6.629E+03	2.033E-01
251	2	13	-3.194E+00	-5.016E+00	4.540E+00	2.082E+02	-5.925E+03	1.539E+03	5.252E-01	-8.735E+00	6.863E-01	5.728E+02	-6.289E+03	2.326E-01
251	2	14	-3.186E+00	-5.028E+00	4.537E+00	2.078E+02	-5.920E+03	1.540E+03	5.226E-01	-8.736E+00	6.853E-01	5.731E+02	-6.285E+03	2.329E-01
251	2	15	-4.053E+00	-3.885E+00	5.042E+00	3.290E+02	-6.347E+03	1.437E+03	1.073E+00	-9.012E+00	7.937E-01	6.252E+02	-6.643E+03	2.033E-01
251	2	16	-4.046E+00	-3.897E+00	5.039E+00	3.286E+02	-6.342E+03	1.438E+03	1.069E+00	-9.011E+00	7.928E-01	6.254E+02	-6.639E+03	2.035E-01
251	3	1	1.452E+00	-1.316E+00	-1.056E+00	-4.683E+03	-8.505E+03	2.070E+03	1.809E+00	-1.673E+00	-3.259E-01	-3.777E+03	-9.411E+03	4.127E-01
251	3	2	1.458E+00	-1.321E+00	-1.056E+00	-4.683E+03	-8.501E+03	2.070E+03	1.813E+00	-1.677E+00	-3.250E-01	-3.776E+03	-9.408E+03	4.129E-01
251	3	3	9.121E-01	-8.025E-01	-8.382E-01	-4.721E+03	-8.848E+03	2.088E+03	1.254E+00	-1.144E+00	-3.871E-01	-3.849E+03	-9.721E+03	3.957E-01
251	3	4	9.173E-01	-8.076E-01	-8.379E-01	-4.721E+03	-8.845E+03	2.088E+03	1.257E+00	-1.148E+00	-3.855E-01	-3.848E+03	-9.718E+03	3.959E-01
251	3	5	1.457E+00	-1.298E+00	-1.068E+00	-4.684E+03	-8.508E+03	2.071E+03	1.822E+00	-1.664E+00	-3.297E-01	-3.777E+03	-9.415E+03	4.127E-01
251	3	6	1.462E+00	-1.303E+00	-1.067E+00	-4.684E+03	-8.504E+03	2.071E+03	1.826E+00	-1.668E+00	-3.287E-01	-3.777E+03	-9.412E+03	4.130E-01
251	3	7	9.166E-01	-7.846E-01	-8.495E-01	-4.723E+03	-8.851E+03	2.090E+03	1.268E+00	-1.136E+00	-3.924E-01	-3.850E+03	-9.724E+03	3.958E-01
251	3	8	9.217E-01	-7.897E-01	-8.493E-01	-4.723E+03	-8.848E+03	2.090E+03	1.272E+00	-1.140E+00	-3.908E-01	-3.849E+03	-9.721E+03	3.960E-01
251	3	9	-1.550E+00	-3.138E+00	2.706E+00	-4.039E+03	-9.512E+03	1.999E+03	4.761E-01	-5.163E+00	6.427E-01	-3.386E+03	-1.016E+04	3.154E-01
251	3	10	-1.544E+00	-3.143E+00	2.706E+00	-4.039E+03	-9.508E+03	1.999E+03	4.778E-01	-5.165E+00	6.418E-01	-3.386E+03	-1.016E+04	3.156E-01
251	3	11	-2.090E+00	-2.624E+00	2.924E+00	-4.077E+03	-9.856E+03	2.017E+03	5.790E-01	-5.293E+00	7.399E-01	-3.442E+03	-1.049E+04	3.047E-01

251	3	12	-2.085E+00	-2.629E+00	2.924E+00	-4.077E+03	-9.852E+03	2.017E+03	5.797E-01	-5.293E+00	7.390E-01	-3.442E+03	-1.049E+04	3.049E-01
251	3	13	-1.545E+00	-3.120E+00	2.694E+00	-4.040E+03	-9.515E+03	2.000E+03	4.745E-01	-5.139E+00	6.432E-01	-3.387E+03	-1.017E+04	3.155E-01
251	3	14	-1.540E+00	-3.125E+00	2.694E+00	-4.040E+03	-9.511E+03	2.001E+03	4.761E-01	-5.141E+00	6.424E-01	-3.386E+03	-1.016E+04	3.157E-01
251	3	15	-2.085E+00	-2.606E+00	2.912E+00	-4.078E+03	-9.859E+03	2.019E+03	5.782E-01	-5.270E+00	7.408E-01	-3.443E+03	-1.049E+04	3.049E-01
251	3	16	-2.080E+00	-2.611E+00	2.913E+00	-4.078E+03	-9.855E+03	2.019E+03	5.789E-01	-5.270E+00	7.400E-01	-3.442E+03	-1.049E+04	3.050E-01
251	4	1	3.032E+00	-1.248E-02	7.688E-01	-8.272E+03	-7.184E+03	-6.001E+02	3.215E+00	-1.956E-01	2.339E-01	-6.918E+03	-8.538E+03	1.988E+00
251	4	2	3.039E+00	-1.320E-02	7.718E-01	-8.272E+03	-7.182E+03	-5.999E+02	3.223E+00	-1.973E-01	2.341E-01	-6.917E+03	-8.537E+03	1.988E+00
251	4	3	2.171E+00	6.626E-02	4.565E-01	-8.328E+03	-7.322E+03	-5.561E+02	2.266E+00	-2.846E-02	2.046E-01	-7.076E+03	-8.575E+03	1.989E+00
251	4	4	2.179E+00	6.553E-02	4.595E-01	-8.329E+03	-7.321E+03	-5.559E+02	2.275E+00	-3.005E-02	2.051E-01	-7.074E+03	-8.575E+03	1.988E+00
251	4	5	3.041E+00	-1.225E-02	7.624E-01	-8.272E+03	-7.185E+03	-5.974E+02	3.220E+00	-1.921E-01	2.316E-01	-6.921E+03	-8.536E+03	1.987E+00
251	4	6	3.048E+00	-1.297E-02	7.655E-01	-8.272E+03	-7.183E+03	-5.973E+02	3.229E+00	-1.937E-01	2.319E-01	-6.919E+03	-8.536E+03	1.987E+00
251	4	7	2.180E+00	6.649E-02	4.501E-01	-8.329E+03	-7.323E+03	-5.535E+02	2.272E+00	-2.537E-02	2.013E-01	-7.078E+03	-8.574E+03	1.987E+00
251	4	8	2.188E+00	6.576E-02	4.532E-01	-8.329E+03	-7.321E+03	-5.533E+02	2.281E+00	-2.695E-02	2.018E-01	-7.077E+03	-8.573E+03	1.987E+00
251	4	9	-3.200E+00	2.219E-01	9.774E-01	-7.547E+03	-7.091E+03	-6.515E+02	4.814E-01	-3.460E+00	1.311E+00	-6.629E+03	-8.009E+03	2.188E+00
251	4	10	-3.193E+00	2.212E-01	9.805E-01	-7.547E+03	-7.089E+03	-6.513E+02	4.827E-01	-3.454E+00	1.310E+00	-6.628E+03	-8.008E+03	2.187E+00
251	4	11	-4.060E+00	3.007E-01	6.651E-01	-7.604E+03	-7.229E+03	-6.075E+02	3.998E-01	-4.160E+00	1.423E+00	-6.781E+03	-8.052E+03	2.207E+00
251	4	12	-4.053E+00	2.999E-01	6.681E-01	-7.604E+03	-7.227E+03	-6.073E+02	4.002E-01	-4.153E+00	1.422E+00	-6.780E+03	-8.051E+03	2.206E+00
251	4	13	-3.191E+00	2.221E-01	9.711E-01	-7.547E+03	-7.091E+03	-6.488E+02	4.791E-01	-3.448E+00	1.312E+00	-6.632E+03	-8.007E+03	2.187E+00
251	4	14	-3.184E+00	2.214E-01	9.741E-01	-7.547E+03	-7.089E+03	-6.486E+02	4.804E-01	-3.443E+00	1.311E+00	-6.631E+03	-8.006E+03	2.187E+00
251	4	15	-4.051E+00	3.009E-01	6.587E-01	-7.604E+03	-7.230E+03	-6.049E+02	3.984E-01	-4.149E+00	1.424E+00	-6.784E+03	-8.050E+03	2.206E+00
251	4	16	-4.044E+00	3.002E-01	6.618E-01	-7.604E+03	-7.228E+03	-6.047E+02	3.987E-01	-4.142E+00	1.423E+00	-6.783E+03	-8.049E+03	2.205E+00
252	1	1	-2.043E+00	-2.983E+00	-3.056E+00	2.987E+03	2.625E+03	1.464E+03	5.789E-01	-5.605E+00	-7.091E-01	4.281E+03	1.330E+03	7.239E-01
252	1	2	-2.046E+00	-2.991E+00	-3.062E+00	2.988E+03	2.630E+03	1.465E+03	5.795E-01	-5.616E+00	-7.088E-01	4.285E+03	1.333E+03	7.246E-01
252	1	3	-1.632E+00	-2.177E+00	-2.422E+00	2.828E+03	2.132E+03	1.336E+03	5.325E-01	-4.342E+00	-7.294E-01	3.861E+03	1.099E+03	6.579E-01
252	1	4	-1.635E+00	-2.185E+00	-2.427E+00	2.830E+03	2.137E+03	1.338E+03	5.330E-01	-4.353E+00	-7.290E-01	3.865E+03	1.101E+03	6.587E-01
252	1	5	-2.048E+00	-2.959E+00	-3.054E+00	2.988E+03	2.619E+03	1.464E+03	5.846E-01	-5.591E+00	-7.113E-01	4.279E+03	1.328E+03	7.228E-01
252	1	6	-2.051E+00	-2.967E+00	-3.060E+00	2.989E+03	2.624E+03	1.465E+03	5.852E-01	-5.603E+00	-7.111E-01	4.283E+03	1.331E+03	7.234E-01
252	1	7	-1.637E+00	-2.153E+00	-2.420E+00	2.829E+03	2.126E+03	1.336E+03	5.388E-01	-4.328E+00	-7.323E-01	3.859E+03	1.096E+03	6.567E-01
252	1	8	-1.640E+00	-2.161E+00	-2.426E+00	2.831E+03	2.131E+03	1.337E+03	5.393E-01	-4.340E+00	-7.319E-01	3.863E+03	1.099E+03	6.574E-01
252	1	9	2.262E+00	-3.396E+00	1.321E+00	1.734E+03	1.157E+03	7.661E+02	2.555E+00	-3.690E+00	2.184E-01	2.264E+03	6.272E+02	6.055E-01
252	1	10	2.259E+00	-3.404E+00	1.315E+00	1.736E+03	1.163E+03	7.675E+02	2.549E+00	-3.695E+00	2.174E-01	2.268E+03	6.300E+02	6.068E-01
252	1	11	2.672E+00	-2.590E+00	1.955E+00	1.576E+03	6.643E+02	6.385E+02	3.319E+00	-3.237E+00	3.195E-01	1.904E+03	3.356E+02	4.754E-01
252	1	12	2.669E+00	-2.598E+00	1.949E+00	1.577E+03	6.696E+02	6.399E+02	3.312E+00	-3.241E+00	3.186E-01	1.908E+03	3.390E+02	4.769E-01
252	1	13	2.257E+00	-3.372E+00	1.323E+00	1.735E+03	1.152E+03	7.656E+02	2.552E+00	-3.667E+00	2.196E-01	2.263E+03	6.242E+02	6.034E-01
252	1	14	2.254E+00	-3.380E+00	1.317E+00	1.737E+03	1.157E+03	7.670E+02	2.546E+00	-3.673E+00	2.187E-01	2.267E+03	6.270E+02	6.048E-01
252	1	15	2.668E+00	-2.566E+00	1.957E+00	1.577E+03	6.586E+02	6.380E+02	3.318E+00	-3.217E+00	3.210E-01	1.904E+03	3.317E+02	4.735E-01
252	1	16	2.665E+00	-2.574E+00	1.951E+00	1.578E+03	6.639E+02	6.393E+02	3.311E+00	-3.221E+00	3.201E-01	1.907E+03	3.351E+02	4.750E-01
252	2	1	-1.133E+00	-2.125E+00	-2.420E+00	3.818E+02	-6.245E+03	2.089E+03	8.410E-01	-4.099E+00	-6.843E-01	9.855E+02	-6.849E+03	2.813E-01
252	2	2	-1.135E+00	-2.129E+00	-2.423E+00	3.811E+02	-6.242E+03	2.090E+03	8.417E-01	-4.106E+00	-6.843E-01	9.855E+02	-6.847E+03	2.815E-01
252	2	3	-8.741E-01	-1.663E+00	-1.944E+00	4.451E+02	-6.527E+03	2.018E+03	7.148E-01	-3.252E+00	-6.853E-01	9.870E+02	-7.069E+03	2.624E-01
252	2	4	-8.768E-01	-1.667E+00	-1.948E+00	4.444E+02	-6.524E+03	2.019E+03	7.155E-01	-3.259E+00	-6.853E-01	9.870E+02	-7.067E+03	2.626E-01
252	2	5	-1.132E+00	-2.108E+00	-2.419E+00	3.823E+02	-6.252E+03	2.092E+03	8.476E-01	-4.088E+00	-6.859E-01	9.866E+02	-6.857E+03	2.813E-01
252	2	6	-1.135E+00	-2.112E+00	-2.423E+00	3.817E+02	-6.249E+03	2.092E+03	8.484E-01	-4.095E+00	-6.860E-01	9.867E+02	-6.854E+03	2.815E-01

252	2	7	-8.735E-01	-1.646E+00	-1.943E+00	4.456E+02	-6.534E+03	2.020E+03	7.214E-01	-3.241E+00	-6.873E-01	9.882E+02	-7.077E+03	2.624E-01
252	2	8	-8.762E-01	-1.650E+00	-1.947E+00	4.450E+02	-6.531E+03	2.021E+03	7.221E-01	-3.248E+00	-6.874E-01	9.881E+02	-7.074E+03	2.626E-01
252	2	9	4.637E-01	-1.723E+00	1.431E+00	6.416E+02	-5.701E+03	1.307E+03	1.171E+00	-2.430E+00	4.592E-01	9.005E+02	-5.960E+03	1.955E-01
252	2	10	4.610E-01	-1.727E+00	1.427E+00	6.409E+02	-5.698E+03	1.308E+03	1.165E+00	-2.431E+00	4.584E-01	9.002E+02	-5.957E+03	1.957E-01
252	2	11	7.224E-01	-1.261E+00	1.907E+00	7.048E+02	-5.983E+03	1.236E+03	1.880E+00	-2.418E+00	5.456E-01	9.260E+02	-6.204E+03	1.770E-01
252	2	12	7.198E-01	-1.265E+00	1.903E+00	7.042E+02	-5.980E+03	1.237E+03	1.873E+00	-2.418E+00	5.451E-01	9.257E+02	-6.202E+03	1.772E-01
252	2	13	4.642E-01	-1.706E+00	1.431E+00	6.421E+02	-5.708E+03	1.310E+03	1.175E+00	-2.417E+00	4.611E-01	9.016E+02	-5.968E+03	1.956E-01
252	2	14	4.616E-01	-1.709E+00	1.427E+00	6.414E+02	-5.705E+03	1.310E+03	1.169E+00	-2.417E+00	4.603E-01	9.014E+02	-5.965E+03	1.958E-01
252	2	15	7.230E-01	-1.244E+00	1.907E+00	7.054E+02	-5.990E+03	1.238E+03	1.885E+00	-2.406E+00	5.474E-01	9.271E+02	-6.212E+03	1.771E-01
252	2	16	7.203E-01	-1.248E+00	1.903E+00	7.047E+02	-5.987E+03	1.239E+03	1.879E+00	-2.406E+00	5.468E-01	9.268E+02	-6.209E+03	1.773E-01
252	3	1	4.379E-01	-3.566E+00	-2.331E+00	2.058E+03	-1.273E+04	4.496E+02	1.509E+00	-4.637E+00	-4.306E-01	2.072E+03	-1.275E+04	3.036E-02
252	3	2	4.384E-01	-3.575E+00	-2.334E+00	2.059E+03	-1.273E+04	4.501E+02	1.510E+00	-4.646E+00	-4.304E-01	2.072E+03	-1.275E+04	3.040E-02
252	3	3	3.536E-01	-2.676E+00	-1.897E+00	2.013E+03	-1.296E+04	4.030E+02	1.266E+00	-3.589E+00	-4.484E-01	2.024E+03	-1.297E+04	2.688E-02
252	3	4	3.541E-01	-2.685E+00	-1.899E+00	2.013E+03	-1.296E+04	4.035E+02	1.267E+00	-3.598E+00	-4.480E-01	2.024E+03	-1.297E+04	2.692E-02
252	3	5	4.401E-01	-3.543E+00	-2.334E+00	2.056E+03	-1.274E+04	4.515E+02	1.516E+00	-4.620E+00	-4.321E-01	2.070E+03	-1.276E+04	3.047E-02
252	3	6	4.405E-01	-3.552E+00	-2.336E+00	2.057E+03	-1.274E+04	4.520E+02	1.517E+00	-4.629E+00	-4.319E-01	2.071E+03	-1.276E+04	3.050E-02
252	3	7	3.558E-01	-2.654E+00	-1.899E+00	2.011E+03	-1.297E+04	4.049E+02	1.274E+00	-3.572E+00	-4.503E-01	2.022E+03	-1.298E+04	2.699E-02
252	3	8	3.562E-01	-2.662E+00	-1.902E+00	2.012E+03	-1.297E+04	4.054E+02	1.275E+00	-3.581E+00	-4.500E-01	2.023E+03	-1.298E+04	2.703E-02
252	3	9	-5.720E-01	-2.692E+00	2.157E+00	2.184E+03	-1.075E+04	1.360E+01	7.719E-01	-4.036E+00	5.571E-01	2.184E+03	-1.075E+04	1.052E-03
252	3	10	-5.716E-01	-2.700E+00	2.155E+00	2.185E+03	-1.075E+04	1.410E+01	7.673E-01	-4.039E+00	5.560E-01	2.185E+03	-1.075E+04	1.090E-03
252	3	11	-6.563E-01	-1.802E+00	2.592E+00	2.139E+03	-1.098E+04	-3.301E+01	1.425E+00	-3.884E+00	6.766E-01	2.139E+03	-1.098E+04	-2.517E-03
252	3	12	-6.559E-01	-1.811E+00	2.589E+00	2.139E+03	-1.098E+04	-3.251E+01	1.420E+00	-3.886E+00	6.757E-01	2.139E+03	-1.098E+04	-2.479E-03
252	3	13	-5.699E-01	-2.669E+00	2.155E+00	2.182E+03	-1.076E+04	1.546E+01	7.778E-01	-4.017E+00	5.588E-01	2.182E+03	-1.076E+04	1.195E-03
252	3	14	-5.694E-01	-2.678E+00	2.152E+00	2.183E+03	-1.076E+04	1.596E+01	7.732E-01	-4.020E+00	5.577E-01	2.183E+03	-1.076E+04	1.234E-03
252	3	15	-6.542E-01	-1.780E+00	2.590E+00	2.137E+03	-1.099E+04	-3.115E+01	1.433E+00	-3.867E+00	6.784E-01	2.137E+03	-1.099E+04	-2.373E-03
252	3	16	-6.537E-01	-1.788E+00	2.587E+00	2.138E+03	-1.099E+04	-3.065E+01	1.428E+00	-3.870E+00	6.775E-01	2.138E+03	-1.099E+04	-2.335E-03
252	4	1	-4.962E-01	-4.425E+00	-2.962E+00	4.920E+03	-4.085E+03	1.746E+03	1.094E+00	-6.014E+00	-4.926E-01	5.246E+03	-4.412E+03	1.850E-01
252	4	2	-4.961E-01	-4.437E+00	-2.967E+00	4.922E+03	-4.081E+03	1.747E+03	1.095E+00	-6.028E+00	-4.922E-01	5.249E+03	-4.408E+03	1.851E-01
252	4	3	-3.801E-01	-3.190E+00	-2.380E+00	4.720E+03	-4.526E+03	1.625E+03	9.790E-01	-4.549E+00	-5.188E-01	4.998E+03	-4.803E+03	1.690E-01
252	4	4	-3.800E-01	-3.203E+00	-2.385E+00	4.722E+03	-4.521E+03	1.627E+03	9.799E-01	-4.563E+00	-5.182E-01	5.000E+03	-4.799E+03	1.692E-01
252	4	5	-4.993E-01	-4.395E+00	-2.963E+00	4.920E+03	-4.094E+03	1.749E+03	1.099E+00	-5.993E+00	-4.946E-01	5.247E+03	-4.422E+03	1.851E-01
252	4	6	-4.993E-01	-4.408E+00	-2.967E+00	4.922E+03	-4.090E+03	1.751E+03	1.100E+00	-6.007E+00	-4.942E-01	5.250E+03	-4.418E+03	1.853E-01
252	4	7	-3.832E-01	-3.160E+00	-2.381E+00	4.720E+03	-4.535E+03	1.629E+03	9.848E-01	-4.528E+00	-5.215E-01	4.999E+03	-4.813E+03	1.692E-01
252	4	8	-3.832E-01	-3.173E+00	-2.386E+00	4.722E+03	-4.530E+03	1.630E+03	9.857E-01	-4.542E+00	-5.209E-01	5.001E+03	-4.809E+03	1.694E-01
252	4	9	1.202E+00	-4.366E+00	2.053E+00	3.590E+03	-4.155E+03	4.324E+02	1.877E+00	-5.041E+00	3.177E-01	3.614E+03	-4.179E+03	5.561E-02
252	4	10	1.202E+00	-4.379E+00	2.049E+00	3.592E+03	-4.150E+03	4.336E+02	1.873E+00	-5.050E+00	3.167E-01	3.616E+03	-4.174E+03	5.578E-02
252	4	11	1.318E+00	-3.131E+00	2.635E+00	3.390E+03	-4.595E+03	3.119E+02	2.542E+00	-4.355E+00	4.348E-01	3.402E+03	-4.607E+03	3.898E-02
252	4	12	1.318E+00	-3.144E+00	2.630E+00	3.392E+03	-4.590E+03	3.131E+02	2.536E+00	-4.362E+00	4.337E-01	3.405E+03	-4.602E+03	3.914E-02
252	4	13	1.199E+00	-4.336E+00	2.052E+00	3.590E+03	-4.164E+03	4.359E+02	1.877E+00	-5.014E+00	3.191E-01	3.614E+03	-4.188E+03	5.598E-02
252	4	14	1.199E+00	-4.349E+00	2.048E+00	3.592E+03	-4.159E+03	4.371E+02	1.873E+00	-5.023E+00	3.180E-01	3.616E+03	-4.184E+03	5.615E-02
252	4	15	1.315E+00	-3.101E+00	2.634E+00	3.390E+03	-4.604E+03	3.153E+02	2.544E+00	-4.330E+00	4.366E-01	3.403E+03	-4.616E+03	3.936E-02
252	4	16	1.315E+00	-3.114E+00	2.629E+00	3.392E+03	-4.599E+03	3.165E+02	2.538E+00	-4.337E+00	4.354E-01	3.405E+03	-4.612E+03	3.952E-02
253	1	1	-1.635E+00	2.004E-01	2.074E-01	-3.992E+04	-6.596E+02	-2.658E+03	2.235E-01	-1.658E+00	1.460E+00	-4.804E+02	-4.010E+04	1.638E+00

253	1	2	-1.639E+00	2.008E-01	2.085E-01	-3.992E+04	-6.593E+02	-2.658E+03	2.241E-01	-1.662E+00	1.459E+00	-4.802E+02	-4.010E+04	1.638E+00
253	1	3	-1.361E+00	1.282E-01	1.225E-01	-4.014E+04	-6.755E+02	-2.813E+03	1.382E-01	-1.371E+00	1.489E+00	-4.759E+02	-4.034E+04	1.642E+00
253	1	4	-1.365E+00	1.287E-01	1.236E-01	-4.013E+04	-6.752E+02	-2.813E+03	1.388E-01	-1.375E+00	1.489E+00	-4.757E+02	-4.033E+04	1.642E+00
253	1	5	-1.643E+00	2.008E-01	2.095E-01	-3.992E+04	-6.589E+02	-2.659E+03	2.243E-01	-1.666E+00	1.459E+00	-4.796E+02	-4.010E+04	1.638E+00
253	1	6	-1.647E+00	2.012E-01	2.107E-01	-3.992E+04	-6.587E+02	-2.659E+03	2.249E-01	-1.671E+00	1.459E+00	-4.794E+02	-4.010E+04	1.638E+00
253	1	7	-1.369E+00	1.286E-01	1.246E-01	-4.014E+04	-6.748E+02	-2.814E+03	1.389E-01	-1.379E+00	1.488E+00	-4.751E+02	-4.034E+04	1.642E+00
253	1	8	-1.373E+00	1.291E-01	1.258E-01	-4.013E+04	-6.746E+02	-2.814E+03	1.395E-01	-1.384E+00	1.488E+00	-4.749E+02	-4.033E+04	1.642E+00
253	1	9	-1.715E+00	-1.058E-01	-1.252E-01	-3.982E+04	-2.259E+02	-3.168E+03	-9.612E-02	-1.724E+00	1.648E+00	2.597E+01	-4.007E+04	1.650E+00
253	1	10	-1.719E+00	-1.054E-01	-1.240E-01	-3.981E+04	-2.256E+02	-3.168E+03	-9.588E-02	-1.728E+00	1.647E+00	2.621E+01	-4.007E+04	1.650E+00
253	1	11	-1.441E+00	-1.779E-01	-2.101E-01	-4.003E+04	-2.417E+02	-3.323E+03	-1.439E-01	-1.475E+00	1.731E+00	3.379E+01	-4.031E+04	1.654E+00
253	1	12	-1.445E+00	-1.775E-01	-2.089E-01	-4.003E+04	-2.415E+02	-3.323E+03	-1.439E-01	-1.479E+00	1.730E+00	3.403E+01	-4.031E+04	1.654E+00
253	1	13	-1.723E+00	-1.054E-01	-1.230E-01	-3.982E+04	-2.252E+02	-3.169E+03	-9.610E-02	-1.732E+00	1.646E+00	2.683E+01	-4.007E+04	1.650E+00
253	1	14	-1.727E+00	-1.050E-01	-1.219E-01	-3.981E+04	-2.250E+02	-3.169E+03	-9.585E-02	-1.736E+00	1.645E+00	2.708E+01	-4.006E+04	1.650E+00
253	1	15	-1.449E+00	-1.775E-01	-2.079E-01	-4.003E+04	-2.411E+02	-3.324E+03	-1.444E-01	-1.482E+00	1.729E+00	3.466E+01	-4.031E+04	1.654E+00
253	1	16	-1.453E+00	-1.771E-01	-2.068E-01	-4.003E+04	-2.408E+02	-3.324E+03	-1.444E-01	-1.486E+00	1.727E+00	3.490E+01	-4.030E+04	1.654E+00
253	2	1	-1.495E+00	5.273E-01	4.123E-01	-2.561E+04	-3.886E+03	5.433E+02	6.082E-01	-1.576E+00	1.377E+00	-3.873E+03	-2.562E+04	1.546E+00
253	2	2	-1.499E+00	5.288E-01	4.135E-01	-2.560E+04	-3.887E+03	5.435E+02	6.099E-01	-1.580E+00	1.377E+00	-3.873E+03	-2.562E+04	1.546E+00
253	2	3	-1.245E+00	3.740E-01	2.844E-01	-2.590E+04	-3.859E+03	3.443E+02	4.225E-01	-1.293E+00	1.402E+00	-3.854E+03	-2.590E+04	1.555E+00
253	2	4	-1.249E+00	3.755E-01	2.857E-01	-2.589E+04	-3.860E+03	3.446E+02	4.242E-01	-1.298E+00	1.402E+00	-3.854E+03	-2.590E+04	1.555E+00
253	2	5	-1.503E+00	5.291E-01	4.148E-01	-2.560E+04	-3.887E+03	5.421E+02	6.106E-01	-1.584E+00	1.377E+00	-3.873E+03	-2.562E+04	1.546E+00
253	2	6	-1.507E+00	5.306E-01	4.161E-01	-2.560E+04	-3.887E+03	5.423E+02	6.123E-01	-1.589E+00	1.377E+00	-3.874E+03	-2.561E+04	1.546E+00
253	2	7	-1.253E+00	3.758E-01	2.870E-01	-2.589E+04	-3.859E+03	3.431E+02	4.248E-01	-1.302E+00	1.401E+00	-3.854E+03	-2.590E+04	1.555E+00
253	2	8	-1.257E+00	3.772E-01	2.882E-01	-2.589E+04	-3.860E+03	3.434E+02	4.266E-01	-1.306E+00	1.401E+00	-3.854E+03	-2.589E+04	1.555E+00
253	2	9	-1.856E+00	-2.652E-01	-3.488E-01	-2.576E+04	-3.777E+03	-1.895E+02	-1.921E-01	-1.929E+00	1.777E+00	-3.776E+03	-2.576E+04	1.579E+00
253	2	10	-1.860E+00	-2.637E-01	-3.476E-01	-2.575E+04	-3.778E+03	-1.893E+02	-1.913E-01	-1.933E+00	1.776E+00	-3.776E+03	-2.575E+04	1.579E+00
253	2	11	-1.606E+00	-4.186E-01	-4.767E-01	-2.605E+04	-3.750E+03	-3.884E+02	-2.509E-01	-1.774E+00	1.909E+00	-3.743E+03	-2.605E+04	1.588E+00
253	2	12	-1.610E+00	-4.171E-01	-4.754E-01	-2.604E+04	-3.750E+03	-3.882E+02	-2.508E-01	-1.776E+00	1.907E+00	-3.744E+03	-2.605E+04	1.588E+00
253	2	13	-1.864E+00	-2.634E-01	-3.463E-01	-2.575E+04	-3.778E+03	-1.907E+02	-1.917E-01	-1.935E+00	1.775E+00	-3.776E+03	-2.575E+04	1.579E+00
253	2	14	-1.868E+00	-2.619E-01	-3.450E-01	-2.575E+04	-3.778E+03	-1.904E+02	-1.909E-01	-1.939E+00	1.774E+00	-3.776E+03	-2.575E+04	1.579E+00
253	2	15	-1.614E+00	-4.168E-01	-4.741E-01	-2.604E+04	-3.750E+03	-3.896E+02	-2.517E-01	-1.779E+00	1.906E+00	-3.743E+03	-2.605E+04	1.588E+00
253	2	16	-1.618E+00	-4.153E-01	-4.729E-01	-2.604E+04	-3.751E+03	-3.894E+02	-2.516E-01	-1.782E+00	1.904E+00	-3.744E+03	-2.604E+04	1.588E+00
253	3	1	-1.419E+00	9.883E-02	1.923E-01	-3.975E+04	-1.370E+03	1.141E+03	1.228E-01	-1.443E+00	1.447E+00	-1.336E+03	-3.978E+04	1.541E+00
253	3	2	-1.424E+00	9.922E-02	1.935E-01	-3.974E+04	-1.369E+03	1.141E+03	1.234E-01	-1.448E+00	1.446E+00	-1.336E+03	-3.978E+04	1.541E+00
253	3	3	-1.177E+00	5.030E-02	1.112E-01	-3.998E+04	-1.408E+03	9.846E+02	6.029E-02	-1.187E+00	1.481E+00	-1.383E+03	-4.000E+04	1.545E+00
253	3	4	-1.181E+00	5.069E-02	1.123E-01	-3.997E+04	-1.408E+03	9.847E+02	6.084E-02	-1.191E+00	1.481E+00	-1.383E+03	-4.000E+04	1.545E+00
253	3	5	-1.427E+00	9.901E-02	1.944E-01	-3.975E+04	-1.370E+03	1.140E+03	1.234E-01	-1.451E+00	1.446E+00	-1.336E+03	-3.978E+04	1.541E+00
253	3	6	-1.431E+00	9.940E-02	1.956E-01	-3.974E+04	-1.369E+03	1.140E+03	1.240E-01	-1.456E+00	1.446E+00	-1.335E+03	-3.978E+04	1.541E+00
253	3	7	-1.184E+00	5.049E-02	1.133E-01	-3.997E+04	-1.408E+03	9.837E+02	6.079E-02	-1.195E+00	1.480E+00	-1.383E+03	-4.000E+04	1.545E+00
253	3	8	-1.189E+00	5.087E-02	1.144E-01	-3.997E+04	-1.407E+03	9.838E+02	6.134E-02	-1.199E+00	1.480E+00	-1.382E+03	-4.000E+04	1.545E+00
253	3	9	-1.962E+00	6.006E-04	-1.167E-01	-3.990E+04	-1.395E+03	5.566E+02	7.518E-03	-1.969E+00	1.630E+00	-1.387E+03	-3.991E+04	1.556E+00
253	3	10	-1.966E+00	6.006E-04	-1.156E-01	-3.990E+04	-1.394E+03	5.567E+02	7.758E-03	-1.973E+00	1.629E+00	-1.386E+03	-3.991E+04	1.556E+00
253	3	11	-1.719E+00	-4.792E-02	-1.979E-01	-4.013E+04	-1.433E+03	4.001E+02	-2.481E-02	-1.742E+00	1.687E+00	-1.429E+03	-4.014E+04	1.560E+00
253	3	12	-1.723E+00	-4.754E-02	-1.968E-01	-4.013E+04	-1.432E+03	4.002E+02	-2.474E-02	-1.746E+00	1.686E+00	-1.428E+03	-4.013E+04	1.560E+00

253	3	13	-1.970E+00	7.847E-04	-1.146E-01	-3.990E+04	-1.394E+03	5.557E+02	7.430E-03	-1.976E+00	1.629E+00	-1.386E+03	-3.991E+04	1.556E+00
253	3	14	-1.974E+00	1.171E-03	-1.135E-01	-3.990E+04	-1.394E+03	5.558E+02	7.674E-03	-1.980E+00	1.628E+00	-1.386E+03	-3.991E+04	1.556E+00
253	3	15	-1.727E+00	-4.774E-02	-1.958E-01	-4.013E+04	-1.433E+03	3.992E+02	-2.521E-02	-1.749E+00	1.685E+00	-1.428E+03	-4.014E+04	1.560E+00
253	3	16	-1.731E+00	-4.735E-02	-1.947E-01	-4.013E+04	-1.432E+03	3.993E+02	-2.513E-02	-1.753E+00	1.684E+00	-1.428E+03	-4.013E+04	1.560E+00
253	4	1	-1.558E+00	-2.316E-01	-4.930E-03	-5.417E+04	7.220E+02	-3.855E+02	-2.316E-01	-1.558E+00	1.575E+00	7.247E+02	-5.417E+04	1.578E+00
253	4	2	-1.562E+00	-2.323E-01	-3.926E-03	-5.417E+04	7.234E+02	-3.854E+02	-2.323E-01	-1.562E+00	1.574E+00	7.261E+02	-5.417E+04	1.578E+00
253	4	3	-1.293E+00	-1.920E-01	-5.837E-02	-5.433E+04	6.383E+02	-5.504E+02	-1.889E-01	-1.297E+00	1.624E+00	6.438E+02	-5.433E+04	1.581E+00
253	4	4	-1.298E+00	-1.926E-01	-5.736E-02	-5.432E+04	6.397E+02	-5.503E+02	-1.897E-01	-1.301E+00	1.623E+00	6.452E+02	-5.433E+04	1.581E+00
253	4	5	-1.566E+00	-2.329E-01	-3.260E-03	-5.417E+04	7.235E+02	-3.865E+02	-2.328E-01	-1.566E+00	1.573E+00	7.262E+02	-5.417E+04	1.578E+00
253	4	6	-1.570E+00	-2.335E-01	-2.256E-03	-5.417E+04	7.249E+02	-3.864E+02	-2.335E-01	-1.570E+00	1.572E+00	7.276E+02	-5.417E+04	1.578E+00
253	4	7	-1.302E+00	-1.932E-01	-5.670E-02	-5.433E+04	6.398E+02	-5.514E+02	-1.903E-01	-1.304E+00	1.622E+00	6.453E+02	-5.433E+04	1.581E+00
253	4	8	-1.306E+00	-1.938E-01	-5.569E-02	-5.432E+04	6.412E+02	-5.513E+02	-1.910E-01	-1.309E+00	1.621E+00	6.467E+02	-5.433E+04	1.581E+00
253	4	9	-1.820E+00	1.565E-01	1.146E-01	-5.407E+04	1.093E+03	-5.422E+02	1.631E-01	-1.826E+00	1.513E+00	1.098E+03	-5.407E+04	1.581E+00
253	4	10	-1.824E+00	1.559E-01	1.156E-01	-5.406E+04	1.094E+03	-5.422E+02	1.626E-01	-1.831E+00	1.513E+00	1.099E+03	-5.407E+04	1.581E+00
253	4	11	-1.555E+00	1.962E-01	6.112E-02	-5.422E+04	1.009E+03	-7.071E+02	1.983E-01	-1.557E+00	1.536E+00	1.018E+03	-5.423E+04	1.584E+00
253	4	12	-1.559E+00	1.955E-01	6.213E-02	-5.422E+04	1.010E+03	-7.071E+02	1.977E-01	-1.562E+00	1.535E+00	1.020E+03	-5.423E+04	1.584E+00
253	4	13	-1.828E+00	1.553E-01	1.162E-01	-5.407E+04	1.094E+03	-5.432E+02	1.621E-01	-1.834E+00	1.512E+00	1.100E+03	-5.407E+04	1.581E+00
253	4	14	-1.832E+00	1.547E-01	1.172E-01	-5.406E+04	1.096E+03	-5.432E+02	1.615E-01	-1.839E+00	1.512E+00	1.101E+03	-5.407E+04	1.581E+00
253	4	15	-1.563E+00	1.950E-01	6.279E-02	-5.422E+04	1.011E+03	-7.081E+02	1.972E-01	-1.565E+00	1.535E+00	1.020E+03	-5.423E+04	1.584E+00
253	4	16	-1.567E+00	1.943E-01	6.380E-02	-5.422E+04	1.012E+03	-7.081E+02	1.966E-01	-1.570E+00	1.535E+00	1.021E+03	-5.423E+04	1.584E+00
254	1	1	-1.390E+00	3.365E-01	5.860E-01	-4.082E+04	-4.437E+03	1.630E+03	5.166E-01	-1.570E+00	1.273E+00	-4.364E+03	-4.090E+04	1.526E+00
254	1	2	-1.394E+00	3.373E-01	5.910E-01	-4.082E+04	-4.438E+03	1.630E+03	5.198E-01	-1.576E+00	1.271E+00	-4.365E+03	-4.089E+04	1.526E+00
254	1	3	-1.155E+00	1.547E-01	3.040E-01	-4.103E+04	-4.266E+03	1.475E+03	2.219E-01	-1.222E+00	1.353E+00	-4.207E+03	-4.109E+04	1.531E+00
254	1	4	-1.159E+00	1.555E-01	3.090E-01	-4.103E+04	-4.267E+03	1.476E+03	2.245E-01	-1.228E+00	1.351E+00	-4.208E+03	-4.109E+04	1.531E+00
254	1	5	-1.397E+00	3.392E-01	5.942E-01	-4.082E+04	-4.436E+03	1.629E+03	5.231E-01	-1.581E+00	1.271E+00	-4.364E+03	-4.089E+04	1.526E+00
254	1	6	-1.401E+00	3.399E-01	5.992E-01	-4.082E+04	-4.438E+03	1.629E+03	5.262E-01	-1.587E+00	1.269E+00	-4.365E+03	-4.089E+04	1.526E+00
254	1	7	-1.162E+00	1.574E-01	3.122E-01	-4.103E+04	-4.265E+03	1.474E+03	2.276E-01	-1.233E+00	1.350E+00	-4.206E+03	-4.109E+04	1.531E+00
254	1	8	-1.167E+00	1.582E-01	3.172E-01	-4.103E+04	-4.267E+03	1.474E+03	2.303E-01	-1.239E+00	1.347E+00	-4.207E+03	-4.109E+04	1.531E+00
254	1	9	-2.012E+00	-2.964E-01	7.562E-02	-4.078E+04	-3.234E+03	1.222E+03	-2.931E-01	-2.016E+00	1.527E+00	-3.194E+03	-4.082E+04	1.538E+00
254	1	10	-2.017E+00	-2.956E-01	8.061E-02	-4.078E+04	-3.235E+03	1.223E+03	-2.918E-01	-2.020E+00	1.524E+00	-3.195E+03	-4.082E+04	1.538E+00
254	1	11	-1.778E+00	-4.781E-01	-2.064E-01	-4.099E+04	-3.063E+03	1.068E+03	-4.461E-01	-1.810E+00	1.725E+00	-3.033E+03	-4.102E+04	1.543E+00
254	1	12	-1.782E+00	-4.773E-01	-2.014E-01	-4.099E+04	-3.064E+03	1.068E+03	-4.470E-01	-1.812E+00	1.721E+00	-3.034E+03	-4.102E+04	1.543E+00
254	1	13	-2.020E+00	-2.937E-01	8.383E-02	-4.078E+04	-3.233E+03	1.221E+03	-2.896E-01	-2.024E+00	1.522E+00	-3.193E+03	-4.082E+04	1.538E+00
254	1	14	-2.024E+00	-2.929E-01	8.881E-02	-4.078E+04	-3.234E+03	1.221E+03	-2.884E-01	-2.028E+00	1.520E+00	-3.195E+03	-4.082E+04	1.538E+00
254	1	15	-1.785E+00	-4.754E-01	-1.982E-01	-4.099E+04	-3.062E+03	1.067E+03	-4.461E-01	-1.814E+00	1.718E+00	-3.032E+03	-4.102E+04	1.543E+00
254	1	16	-1.789E+00	-4.746E-01	-1.932E-01	-4.099E+04	-3.063E+03	1.067E+03	-4.468E-01	-1.817E+00	1.714E+00	-3.033E+03	-4.102E+04	1.543E+00
254	2	1	-1.384E+00	1.572E+00	8.338E-01	-1.982E+04	-1.681E+04	2.244E+03	1.791E+00	-1.603E+00	1.314E+00	-1.561E+04	-2.102E+04	1.081E+00
254	2	2	-1.392E+00	1.577E+00	8.374E-01	-1.982E+04	-1.681E+04	2.244E+03	1.797E+00	-1.612E+00	1.314E+00	-1.561E+04	-2.102E+04	1.081E+00
254	2	3	-8.684E-01	1.042E+00	6.496E-01	-2.004E+04	-1.702E+04	2.110E+03	1.242E+00	-1.068E+00	1.272E+00	-1.593E+04	-2.113E+04	1.097E+00
254	2	4	-8.762E-01	1.047E+00	6.533E-01	-2.004E+04	-1.702E+04	2.110E+03	1.248E+00	-1.077E+00	1.272E+00	-1.593E+04	-2.113E+04	1.096E+00
254	2	5	-1.388E+00	1.575E+00	8.441E-01	-1.982E+04	-1.681E+04	2.241E+03	1.799E+00	-1.612E+00	1.312E+00	-1.562E+04	-2.102E+04	1.081E+00
254	2	6	-1.396E+00	1.580E+00	8.478E-01	-1.982E+04	-1.681E+04	2.241E+03	1.804E+00	-1.621E+00	1.312E+00	-1.562E+04	-2.101E+04	1.081E+00
254	2	7	-8.723E-01	1.045E+00	6.600E-01	-2.004E+04	-1.702E+04	2.108E+03	1.251E+00	-1.077E+00	1.269E+00	-1.594E+04	-2.112E+04	1.097E+00

254	2	8	-8.801E-01	1.050E+00	6.636E-01	-2.004E+04	-1.702E+04	2.107E+03	1.256E+00	-1.086E+00	1.270E+00	-1.594E+04	-2.112E+04	1.096E+00
254	2	9	-1.766E+00	-1.495E+00	-1.160E-02	-1.970E+04	-1.463E+04	1.928E+03	-1.494E+00	-1.767E+00	1.613E+00	-1.398E+04	-2.035E+04	1.246E+00
254	2	10	-1.774E+00	-1.490E+00	-7.982E-03	-1.970E+04	-1.463E+04	1.928E+03	-1.490E+00	-1.774E+00	1.599E+00	-1.398E+04	-2.035E+04	1.246E+00
254	2	11	-1.250E+00	-2.024E+00	-1.958E-01	-1.993E+04	-1.484E+04	1.794E+03	-1.204E+00	-2.071E+00	-2.342E-01	-1.427E+04	-2.050E+04	1.264E+00
254	2	12	-1.258E+00	-2.019E+00	-1.921E-01	-1.992E+04	-1.484E+04	1.794E+03	-1.212E+00	-2.065E+00	-2.338E-01	-1.427E+04	-2.049E+04	1.263E+00
254	2	13	-1.770E+00	-1.491E+00	-1.237E-03	-1.970E+04	-1.464E+04	1.926E+03	-1.491E+00	-1.770E+00	1.575E+00	-1.399E+04	-2.035E+04	1.246E+00
254	2	14	-1.778E+00	-1.487E+00	2.382E-03	-1.970E+04	-1.464E+04	1.925E+03	-1.487E+00	-1.778E+00	1.563E+00	-1.399E+04	-2.035E+04	1.246E+00
254	2	15	-1.254E+00	-2.021E+00	-1.854E-01	-1.993E+04	-1.484E+04	1.792E+03	-1.212E+00	-2.063E+00	-2.252E-01	-1.427E+04	-2.049E+04	1.264E+00
254	2	16	-1.262E+00	-2.016E+00	-1.818E-01	-1.992E+04	-1.484E+04	1.792E+03	-1.221E+00	-2.058E+00	-2.246E-01	-1.427E+04	-2.049E+04	1.264E+00
254	3	1	-9.788E-01	1.680E-01	8.574E-01	-3.896E+04	-2.157E+04	-1.582E+03	6.261E-01	-1.437E+00	1.080E+00	-2.142E+04	-3.910E+04	1.661E+00
254	3	2	-9.893E-01	1.710E-01	8.630E-01	-3.895E+04	-2.157E+04	-1.582E+03	6.308E-01	-1.449E+00	1.081E+00	-2.142E+04	-3.910E+04	1.661E+00
254	3	3	-2.535E-01	-1.460E-01	5.244E-01	-3.931E+04	-2.164E+04	-1.644E+03	3.274E-01	-7.269E-01	8.365E-01	-2.149E+04	-3.946E+04	1.663E+00
254	3	4	-2.640E-01	-1.430E-01	5.300E-01	-3.931E+04	-2.164E+04	-1.644E+03	3.300E-01	-7.370E-01	8.422E-01	-2.149E+04	-3.946E+04	1.663E+00
254	3	5	-9.786E-01	1.680E-01	8.660E-01	-3.896E+04	-2.157E+04	-1.583E+03	6.333E-01	-1.444E+00	1.078E+00	-2.143E+04	-3.910E+04	1.661E+00
254	3	6	-9.891E-01	1.711E-01	8.716E-01	-3.896E+04	-2.157E+04	-1.584E+03	6.380E-01	-1.456E+00	1.079E+00	-2.142E+04	-3.910E+04	1.661E+00
254	3	7	-2.534E-01	-1.460E-01	5.330E-01	-3.931E+04	-2.164E+04	-1.646E+03	3.360E-01	-7.354E-01	8.356E-01	-2.149E+04	-3.946E+04	1.663E+00
254	3	8	-2.639E-01	-1.429E-01	5.386E-01	-3.931E+04	-2.164E+04	-1.646E+03	3.386E-01	-7.454E-01	8.413E-01	-2.149E+04	-3.946E+04	1.663E+00
254	3	9	-1.888E+00	-3.625E-01	-1.713E-01	-3.920E+04	-2.023E+04	-1.406E+03	-3.435E-01	-1.907E+00	1.681E+00	-2.013E+04	-3.930E+04	1.644E+00
254	3	10	-1.898E+00	-3.595E-01	-1.657E-01	-3.919E+04	-2.023E+04	-1.406E+03	-3.418E-01	-1.916E+00	1.677E+00	-2.013E+04	-3.930E+04	1.644E+00
254	3	11	-1.163E+00	-6.765E-01	-5.044E-01	-3.955E+04	-2.031E+04	-1.468E+03	-3.597E-01	-1.479E+00	2.132E+00	-2.020E+04	-3.966E+04	1.647E+00
254	3	12	-1.173E+00	-6.735E-01	-4.988E-01	-3.954E+04	-2.031E+04	-1.469E+03	-3.654E-01	-1.481E+00	2.124E+00	-2.020E+04	-3.966E+04	1.647E+00
254	3	13	-1.888E+00	-3.625E-01	-1.628E-01	-3.920E+04	-2.024E+04	-1.408E+03	-3.453E-01	-1.905E+00	1.676E+00	-2.013E+04	-3.930E+04	1.644E+00
254	3	14	-1.898E+00	-3.594E-01	-1.572E-01	-3.920E+04	-2.023E+04	-1.408E+03	-3.435E-01	-1.914E+00	1.672E+00	-2.013E+04	-3.930E+04	1.645E+00
254	3	15	-1.162E+00	-6.765E-01	-4.958E-01	-3.955E+04	-2.031E+04	-1.470E+03	-3.673E-01	-1.472E+00	2.128E+00	-2.020E+04	-3.966E+04	1.647E+00
254	3	16	-1.173E+00	-6.735E-01	-4.902E-01	-3.955E+04	-2.031E+04	-1.470E+03	-3.730E-01	-1.473E+00	2.121E+00	-2.020E+04	-3.966E+04	1.647E+00
254	4	1	-9.825E-01	-1.083E+00	6.120E-01	-5.735E+04	-1.698E+04	-1.895E+03	-4.189E-01	-1.647E+00	7.443E-01	-1.689E+04	-5.744E+04	1.618E+00
254	4	2	-9.894E-01	-1.084E+00	6.190E-01	-5.734E+04	-1.698E+04	-1.897E+03	-4.161E-01	-1.658E+00	7.471E-01	-1.689E+04	-5.743E+04	1.618E+00
254	4	3	-5.419E-01	-1.017E+00	1.765E-01	-5.768E+04	-1.702E+04	-1.821E+03	-4.835E-01	-1.076E+00	3.193E-01	-1.694E+04	-5.776E+04	1.615E+00
254	4	4	-5.488E-01	-1.018E+00	1.835E-01	-5.768E+04	-1.702E+04	-1.823E+03	-4.856E-01	-1.082E+00	3.316E-01	-1.694E+04	-5.776E+04	1.616E+00
254	4	5	-9.858E-01	-1.084E+00	6.184E-01	-5.735E+04	-1.698E+04	-1.896E+03	-4.145E-01	-1.655E+00	7.458E-01	-1.689E+04	-5.744E+04	1.618E+00
254	4	6	-9.927E-01	-1.085E+00	6.254E-01	-5.734E+04	-1.698E+04	-1.897E+03	-4.117E-01	-1.666E+00	7.486E-01	-1.689E+04	-5.743E+04	1.618E+00
254	4	7	-5.452E-01	-1.018E+00	1.829E-01	-5.768E+04	-1.702E+04	-1.822E+03	-4.827E-01	-1.080E+00	3.294E-01	-1.694E+04	-5.776E+04	1.615E+00
254	4	8	-5.521E-01	-1.019E+00	1.899E-01	-5.768E+04	-1.702E+04	-1.823E+03	-4.846E-01	-1.086E+00	3.415E-01	-1.694E+04	-5.776E+04	1.616E+00
254	4	9	-2.132E+00	8.196E-01	-8.181E-02	-5.777E+04	-1.631E+04	-1.937E+03	8.219E-01	-2.134E+00	1.598E+00	-1.622E+04	-5.786E+04	1.617E+00
254	4	10	-2.139E+00	8.186E-01	-7.484E-02	-5.776E+04	-1.631E+04	-1.938E+03	8.205E-01	-2.141E+00	1.596E+00	-1.622E+04	-5.785E+04	1.617E+00
254	4	11	-1.692E+00	8.857E-01	-5.173E-01	-5.810E+04	-1.635E+04	-1.863E+03	9.857E-01	-1.792E+00	1.762E+00	-1.627E+04	-5.818E+04	1.615E+00
254	4	12	-1.699E+00	8.847E-01	-5.103E-01	-5.810E+04	-1.635E+04	-1.864E+03	9.818E-01	-1.796E+00	1.759E+00	-1.627E+04	-5.818E+04	1.615E+00
254	4	13	-2.135E+00	8.191E-01	-7.538E-02	-5.777E+04	-1.631E+04	-1.938E+03	8.210E-01	-2.137E+00	1.596E+00	-1.622E+04	-5.786E+04	1.617E+00
254	4	14	-2.142E+00	8.181E-01	-6.841E-02	-5.776E+04	-1.631E+04	-1.939E+03	8.197E-01	-2.144E+00	1.594E+00	-1.622E+04	-5.786E+04	1.617E+00
254	4	15	-1.695E+00	8.852E-01	-5.109E-01	-5.810E+04	-1.635E+04	-1.863E+03	9.827E-01	-1.792E+00	1.759E+00	-1.627E+04	-5.819E+04	1.615E+00
254	4	16	-1.702E+00	8.842E-01	-5.039E-01	-5.810E+04	-1.635E+04	-1.865E+03	9.789E-01	-1.797E+00	1.757E+00	-1.627E+04	-5.818E+04	1.615E+00
255	1	1	-9.231E-01	5.370E-01	1.128E-01	-3.906E+04	-2.214E+04	-1.680E+03	5.456E-01	-9.318E-01	1.494E+00	-2.197E+04	-3.922E+04	1.669E+00
255	1	2	-9.335E-01	5.403E-01	1.090E-01	-3.905E+04	-2.214E+04	-1.681E+03	5.484E-01	-9.416E-01	1.497E+00	-2.197E+04	-3.922E+04	1.669E+00

255	1	3	-1.971E-01	2.324E-01	4.783E-01	-3.941E+04	-2.222E+04	-1.635E+03	5.420E-01	-5.066E-01	9.964E-01	-2.206E+04	-3.956E+04	1.665E+00
255	1	4	-2.075E-01	2.358E-01	4.745E-01	-3.941E+04	-2.221E+04	-1.636E+03	5.378E-01	-5.096E-01	1.004E+00	-2.206E+04	-3.956E+04	1.665E+00
255	1	5	-9.226E-01	5.397E-01	1.208E-01	-3.906E+04	-2.214E+04	-1.682E+03	5.496E-01	-9.325E-01	1.489E+00	-2.197E+04	-3.923E+04	1.669E+00
255	1	6	-9.330E-01	5.430E-01	1.170E-01	-3.906E+04	-2.214E+04	-1.683E+03	5.523E-01	-9.422E-01	1.492E+00	-2.197E+04	-3.922E+04	1.669E+00
255	1	7	-1.966E-01	2.351E-01	4.863E-01	-3.941E+04	-2.222E+04	-1.637E+03	5.513E-01	-5.128E-01	9.942E-01	-2.206E+04	-3.957E+04	1.665E+00
255	1	8	-2.070E-01	2.385E-01	4.825E-01	-3.941E+04	-2.221E+04	-1.638E+03	5.472E-01	-5.157E-01	1.002E+00	-2.206E+04	-3.956E+04	1.665E+00
255	1	9	-1.947E+00	-7.579E-01	-8.703E-01	-3.917E+04	-2.010E+04	-1.333E+03	-2.984E-01	-2.406E+00	2.057E+00	-2.001E+04	-3.927E+04	1.640E+00
255	1	10	-1.957E+00	-7.546E-01	-8.741E-01	-3.917E+04	-2.010E+04	-1.334E+03	-2.949E-01	-2.417E+00	2.055E+00	-2.001E+04	-3.926E+04	1.640E+00
255	1	11	-1.221E+00	-1.062E+00	-5.048E-01	-3.953E+04	-2.018E+04	-1.288E+03	-6.307E-01	-1.653E+00	2.278E+00	-2.010E+04	-3.961E+04	1.637E+00
255	1	12	-1.231E+00	-1.059E+00	-5.086E-01	-3.952E+04	-2.018E+04	-1.289E+03	-6.293E-01	-1.661E+00	2.272E+00	-2.009E+04	-3.961E+04	1.637E+00
255	1	13	-1.946E+00	-7.552E-01	-8.623E-01	-3.918E+04	-2.010E+04	-1.335E+03	-3.028E-01	-2.399E+00	2.054E+00	-2.001E+04	-3.927E+04	1.640E+00
255	1	14	-1.957E+00	-7.519E-01	-8.661E-01	-3.917E+04	-2.010E+04	-1.336E+03	-2.992E-01	-2.409E+00	2.052E+00	-2.001E+04	-3.926E+04	1.640E+00
255	1	15	-1.220E+00	-1.060E+00	-4.968E-01	-3.953E+04	-2.018E+04	-1.290E+03	-6.368E-01	-1.643E+00	2.276E+00	-2.010E+04	-3.961E+04	1.637E+00
255	1	16	-1.231E+00	-1.056E+00	-5.006E-01	-3.952E+04	-2.018E+04	-1.291E+03	-6.354E-01	-1.652E+00	2.270E+00	-2.009E+04	-3.961E+04	1.637E+00
255	2	1	-1.646E+00	1.399E+00	-1.614E-01	-1.981E+04	-1.722E+04	-2.594E+03	1.407E+00	-1.655E+00	1.624E+00	-1.561E+04	-2.141E+04	2.124E+00
255	2	2	-1.653E+00	1.404E+00	-1.629E-01	-1.981E+04	-1.722E+04	-2.596E+03	1.412E+00	-1.662E+00	1.624E+00	-1.561E+04	-2.141E+04	2.125E+00
255	2	3	-1.117E+00	8.693E-01	6.247E-02	-2.004E+04	-1.702E+04	-2.524E+03	8.713E-01	-1.119E+00	1.539E+00	-1.559E+04	-2.147E+04	2.087E+00
255	2	4	-1.124E+00	8.742E-01	6.103E-02	-2.004E+04	-1.702E+04	-2.526E+03	8.760E-01	-1.125E+00	1.540E+00	-1.559E+04	-2.147E+04	2.087E+00
255	2	5	-1.642E+00	1.401E+00	-1.515E-01	-1.981E+04	-1.722E+04	-2.598E+03	1.409E+00	-1.650E+00	1.620E+00	-1.561E+04	-2.142E+04	2.125E+00
255	2	6	-1.649E+00	1.406E+00	-1.529E-01	-1.981E+04	-1.722E+04	-2.600E+03	1.414E+00	-1.657E+00	1.621E+00	-1.561E+04	-2.142E+04	2.125E+00
255	2	7	-1.113E+00	8.717E-01	7.238E-02	-2.004E+04	-1.702E+04	-2.528E+03	8.743E-01	-1.115E+00	1.534E+00	-1.559E+04	-2.148E+04	2.087E+00
255	2	8	-1.120E+00	8.765E-01	7.093E-02	-2.004E+04	-1.702E+04	-2.530E+03	8.790E-01	-1.122E+00	1.535E+00	-1.558E+04	-2.148E+04	2.087E+00
255	2	9	-1.549E+00	-1.316E+00	-7.520E-01	-1.963E+04	-1.457E+04	-1.861E+03	-6.714E-01	-2.193E+00	2.279E+00	-1.396E+04	-2.024E+04	1.888E+00
255	2	10	-1.556E+00	-1.311E+00	-7.534E-01	-1.963E+04	-1.457E+04	-1.863E+03	-6.701E-01	-2.197E+00	2.275E+00	-1.396E+04	-2.024E+04	1.888E+00
255	2	11	-1.020E+00	-1.845E+00	-5.281E-01	-1.986E+04	-1.437E+04	-1.792E+03	-7.622E-01	-2.102E+00	-4.538E-01	-1.384E+04	-2.040E+04	1.860E+00
255	2	12	-1.027E+00	-1.840E+00	-5.295E-01	-1.986E+04	-1.437E+04	-1.793E+03	-7.657E-01	-2.101E+00	-4.579E-01	-1.384E+04	-2.039E+04	1.860E+00
255	2	13	-1.545E+00	-1.313E+00	-7.421E-01	-1.964E+04	-1.457E+04	-1.865E+03	-6.782E-01	-2.180E+00	2.279E+00	-1.396E+04	-2.025E+04	1.888E+00
255	2	14	-1.552E+00	-1.308E+00	-7.435E-01	-1.963E+04	-1.458E+04	-1.867E+03	-6.769E-01	-2.184E+00	2.275E+00	-1.396E+04	-2.025E+04	1.889E+00
255	2	15	-1.016E+00	-1.843E+00	-5.182E-01	-1.987E+04	-1.438E+04	-1.796E+03	-7.664E-01	-2.092E+00	-4.487E-01	-1.384E+04	-2.040E+04	1.860E+00
255	2	16	-1.023E+00	-1.838E+00	-5.196E-01	-1.986E+04	-1.438E+04	-1.797E+03	-7.700E-01	-2.091E+00	-4.529E-01	-1.384E+04	-2.040E+04	1.861E+00
255	3	1	-2.183E+00	1.013E+00	2.413E-01	-4.125E+04	-4.832E+03	-1.839E+03	1.031E+00	-2.201E+00	1.496E+00	-4.740E+03	-4.134E+04	1.621E+00
255	3	2	-2.186E+00	1.014E+00	2.381E-01	-4.125E+04	-4.834E+03	-1.841E+03	1.031E+00	-2.203E+00	1.497E+00	-4.741E+03	-4.134E+04	1.621E+00
255	3	3	-1.924E+00	8.242E-01	5.511E-01	-4.147E+04	-4.672E+03	-1.720E+03	9.306E-01	-2.030E+00	1.380E+00	-4.592E+03	-4.155E+04	1.617E+00
255	3	4	-1.926E+00	8.247E-01	5.479E-01	-4.147E+04	-4.674E+03	-1.722E+03	9.298E-01	-2.032E+00	1.381E+00	-4.594E+03	-4.155E+04	1.617E+00
255	3	5	-2.176E+00	1.013E+00	2.495E-01	-4.125E+04	-4.834E+03	-1.842E+03	1.033E+00	-2.195E+00	1.493E+00	-4.741E+03	-4.135E+04	1.621E+00
255	3	6	-2.178E+00	1.014E+00	2.463E-01	-4.125E+04	-4.836E+03	-1.843E+03	1.033E+00	-2.197E+00	1.494E+00	-4.743E+03	-4.134E+04	1.621E+00
255	3	7	-1.917E+00	8.244E-01	5.593E-01	-4.147E+04	-4.674E+03	-1.723E+03	9.341E-01	-2.026E+00	1.377E+00	-4.594E+03	-4.155E+04	1.617E+00
255	3	8	-1.919E+00	8.250E-01	5.561E-01	-4.147E+04	-4.676E+03	-1.725E+03	9.334E-01	-2.028E+00	1.378E+00	-4.595E+03	-4.155E+04	1.618E+00
255	3	9	-1.299E+00	-9.640E-01	-9.668E-01	-4.070E+04	-3.003E+03	-1.138E+03	-1.503E-01	-2.113E+00	2.270E+00	-2.968E+03	-4.074E+04	1.601E+00
255	3	10	-1.302E+00	-9.634E-01	-9.700E-01	-4.070E+04	-3.004E+03	-1.140E+03	-1.478E-01	-2.117E+00	2.270E+00	-2.970E+03	-4.074E+04	1.601E+00
255	3	11	-1.040E+00	-1.153E+00	-6.570E-01	-4.092E+04	-2.843E+03	-1.020E+03	-4.368E-01	-1.756E+00	-7.425E-01	-2.816E+03	-4.095E+04	1.598E+00
255	3	12	-1.042E+00	-1.152E+00	-6.602E-01	-4.092E+04	-2.844E+03	-1.021E+03	-4.348E-01	-1.760E+00	-7.439E-01	-2.817E+03	-4.095E+04	1.598E+00
255	3	13	-1.292E+00	-9.637E-01	-9.586E-01	-4.071E+04	-3.005E+03	-1.141E+03	-1.551E-01	-2.100E+00	2.272E+00	-2.970E+03	-4.074E+04	1.601E+00

255	3	14	-1.294E+00	-9.631E-01	-9.618E-01	-4.070E+04	-3.006E+03	-1.143E+03	-1.527E-01	-2.105E+00	2.271E+00	-2.972E+03	-4.074E+04	1.601E+00
255	3	15	-1.032E+00	-1.153E+00	-6.488E-01	-4.092E+04	-2.845E+03	-1.023E+03	-4.409E-01	-1.744E+00	-7.392E-01	-2.817E+03	-4.095E+04	1.598E+00
255	3	16	-1.035E+00	-1.152E+00	-6.520E-01	-4.092E+04	-2.847E+03	-1.024E+03	-4.388E-01	-1.748E+00	-7.407E-01	-2.819E+03	-4.095E+04	1.598E+00
255	4	1	-1.458E+00	1.354E-01	5.123E-01	-5.784E+04	-1.790E+04	-1.924E+03	2.859E-01	-1.608E+00	1.285E+00	-1.781E+04	-5.793E+04	1.619E+00
255	4	2	-1.464E+00	1.345E-01	5.067E-01	-5.783E+04	-1.790E+04	-1.924E+03	2.815E-01	-1.611E+00	1.288E+00	-1.781E+04	-5.793E+04	1.619E+00
255	4	3	-1.007E+00	2.031E-01	9.701E-01	-5.817E+04	-1.795E+04	-1.874E+03	7.415E-01	-1.545E+00	1.064E+00	-1.786E+04	-5.826E+04	1.617E+00
255	4	4	-1.013E+00	2.022E-01	9.645E-01	-5.817E+04	-1.795E+04	-1.874E+03	7.346E-01	-1.545E+00	1.066E+00	-1.786E+04	-5.826E+04	1.617E+00
255	4	5	-1.454E+00	1.360E-01	5.186E-01	-5.784E+04	-1.791E+04	-1.927E+03	2.902E-01	-1.608E+00	1.282E+00	-1.781E+04	-5.793E+04	1.619E+00
255	4	6	-1.460E+00	1.351E-01	5.130E-01	-5.784E+04	-1.790E+04	-1.926E+03	2.858E-01	-1.611E+00	1.285E+00	-1.781E+04	-5.793E+04	1.619E+00
255	4	7	-1.002E+00	2.037E-01	9.764E-01	-5.817E+04	-1.795E+04	-1.877E+03	7.483E-01	-1.547E+00	1.062E+00	-1.786E+04	-5.826E+04	1.617E+00
255	4	8	-1.009E+00	2.028E-01	9.708E-01	-5.817E+04	-1.795E+04	-1.877E+03	7.414E-01	-1.547E+00	1.064E+00	-1.786E+04	-5.826E+04	1.617E+00
255	4	9	-1.694E+00	-4.222E-01	-1.088E+00	-5.775E+04	-1.617E+04	-1.829E+03	2.023E-01	-2.319E+00	2.092E+00	-1.609E+04	-5.783E+04	1.615E+00
255	4	10	-1.700E+00	-4.231E-01	-1.094E+00	-5.775E+04	-1.617E+04	-1.829E+03	2.050E-01	-2.328E+00	2.092E+00	-1.609E+04	-5.783E+04	1.615E+00
255	4	11	-1.243E+00	-3.545E-01	-6.305E-01	-5.809E+04	-1.621E+04	-1.779E+03	-2.741E-02	-1.570E+00	2.049E+00	-1.614E+04	-5.816E+04	1.613E+00
255	4	12	-1.249E+00	-3.554E-01	-6.361E-01	-5.808E+04	-1.621E+04	-1.779E+03	-2.484E-02	-1.580E+00	2.050E+00	-1.614E+04	-5.816E+04	1.613E+00
255	4	13	-1.690E+00	-4.216E-01	-1.082E+00	-5.775E+04	-1.617E+04	-1.831E+03	1.984E-01	-2.310E+00	2.091E+00	-1.609E+04	-5.783E+04	1.615E+00
255	4	14	-1.696E+00	-4.225E-01	-1.088E+00	-5.775E+04	-1.617E+04	-1.831E+03	2.010E-01	-2.320E+00	2.091E+00	-1.609E+04	-5.783E+04	1.615E+00
255	4	15	-1.239E+00	-3.539E-01	-6.242E-01	-5.809E+04	-1.621E+04	-1.782E+03	-3.121E-02	-1.561E+00	2.048E+00	-1.614E+04	-5.816E+04	1.613E+00
255	4	16	-1.245E+00	-3.548E-01	-6.298E-01	-5.808E+04	-1.621E+04	-1.782E+03	-2.864E-02	-1.571E+00	2.049E+00	-1.614E+04	-5.816E+04	1.613E+00
256	1	1	-2.323E+00	5.280E-02	2.160E-01	-4.011E+04	-1.369E+03	-1.378E+03	7.228E-02	-2.342E+00	1.481E+00	-1.320E+03	-4.016E+04	1.606E+00
256	1	2	-2.325E+00	5.321E-02	2.152E-01	-4.011E+04	-1.369E+03	-1.380E+03	7.252E-02	-2.345E+00	1.481E+00	-1.320E+03	-4.016E+04	1.606E+00
256	1	3	-2.051E+00	4.932E-03	3.050E-01	-4.035E+04	-1.407E+03	-1.260E+03	4.922E-02	-2.096E+00	1.427E+00	-1.367E+03	-4.039E+04	1.603E+00
256	1	4	-2.054E+00	5.340E-03	3.042E-01	-4.035E+04	-1.407E+03	-1.261E+03	4.934E-02	-2.098E+00	1.427E+00	-1.366E+03	-4.039E+04	1.603E+00
256	1	5	-2.315E+00	5.318E-02	2.175E-01	-4.011E+04	-1.370E+03	-1.382E+03	7.298E-02	-2.335E+00	1.480E+00	-1.320E+03	-4.016E+04	1.606E+00
256	1	6	-2.318E+00	5.359E-02	2.166E-01	-4.011E+04	-1.369E+03	-1.383E+03	7.322E-02	-2.337E+00	1.480E+00	-1.320E+03	-4.016E+04	1.606E+00
256	1	7	-2.044E+00	5.308E-03	3.065E-01	-4.035E+04	-1.408E+03	-1.263E+03	5.017E-02	-2.089E+00	1.425E+00	-1.367E+03	-4.039E+04	1.603E+00
256	1	8	-2.047E+00	5.717E-03	3.057E-01	-4.035E+04	-1.407E+03	-1.264E+03	5.028E-02	-2.091E+00	1.426E+00	-1.366E+03	-4.039E+04	1.603E+00
256	1	9	-1.143E+00	4.620E-02	-3.059E-01	-3.986E+04	-1.399E+03	-4.288E+02	1.203E-01	-1.217E+00	1.808E+00	-1.394E+03	-3.986E+04	1.582E+00
256	1	10	-1.145E+00	4.661E-02	-3.067E-01	-3.986E+04	-1.398E+03	-4.302E+02	1.209E-01	-1.220E+00	1.808E+00	-1.393E+03	-3.986E+04	1.582E+00
256	1	11	-8.716E-01	-1.667E-03	-2.169E-01	-4.010E+04	-1.437E+03	-3.100E+02	4.940E-02	-9.227E-01	1.802E+00	-1.434E+03	-4.010E+04	1.579E+00
256	1	12	-8.742E-01	-1.259E-03	-2.177E-01	-4.009E+04	-1.436E+03	-3.115E+02	5.001E-02	-9.255E-01	1.802E+00	-1.434E+03	-4.010E+04	1.579E+00
256	1	13	-1.136E+00	4.658E-02	-3.044E-01	-3.986E+04	-1.399E+03	-4.321E+02	1.204E-01	-1.209E+00	1.809E+00	-1.394E+03	-3.987E+04	1.582E+00
256	1	14	-1.138E+00	4.699E-02	-3.052E-01	-3.986E+04	-1.398E+03	-4.335E+02	1.210E-01	-1.212E+00	1.809E+00	-1.393E+03	-3.986E+04	1.582E+00
256	1	15	-8.642E-01	-1.291E-03	-2.154E-01	-4.010E+04	-1.437E+03	-3.133E+02	4.948E-02	-9.150E-01	1.802E+00	-1.434E+03	-4.010E+04	1.579E+00
256	1	16	-8.668E-01	-8.823E-04	-2.162E-01	-4.010E+04	-1.436E+03	-3.148E+02	5.009E-02	-9.178E-01	1.802E+00	-1.434E+03	-4.010E+04	1.579E+00
256	2	1	-2.696E+00	5.594E-01	-5.578E-01	-2.581E+04	-3.919E+03	-7.823E+02	6.523E-01	-2.789E+00	1.736E+00	-3.892E+03	-2.584E+04	1.606E+00
256	2	2	-2.698E+00	5.608E-01	-5.588E-01	-2.581E+04	-3.920E+03	-7.841E+02	6.539E-01	-2.791E+00	1.736E+00	-3.892E+03	-2.583E+04	1.607E+00
256	2	3	-2.415E+00	4.018E-01	-4.240E-01	-2.612E+04	-3.886E+03	-6.254E+02	4.643E-01	-2.478E+00	1.717E+00	-3.869E+03	-2.613E+04	1.599E+00
256	2	4	-2.418E+00	4.032E-01	-4.251E-01	-2.611E+04	-3.887E+03	-6.271E+02	4.658E-01	-2.481E+00	1.717E+00	-3.869E+03	-2.613E+04	1.599E+00
256	2	5	-2.689E+00	5.593E-01	-5.566E-01	-2.581E+04	-3.919E+03	-7.864E+02	6.520E-01	-2.781E+00	1.736E+00	-3.891E+03	-2.584E+04	1.607E+00
256	2	6	-2.691E+00	5.606E-01	-5.577E-01	-2.581E+04	-3.919E+03	-7.882E+02	6.536E-01	-2.784E+00	1.736E+00	-3.891E+03	-2.584E+04	1.607E+00
256	2	7	-2.408E+00	4.017E-01	-4.229E-01	-2.612E+04	-3.886E+03	-6.294E+02	4.639E-01	-2.470E+00	1.717E+00	-3.868E+03	-2.614E+04	1.599E+00
256	2	8	-2.411E+00	4.030E-01	-4.239E-01	-2.612E+04	-3.886E+03	-6.312E+02	4.655E-01	-2.473E+00	1.717E+00	-3.868E+03	-2.614E+04	1.599E+00

256	2	9	-7.407E-01	-2.884E-01	4.819E-01	-2.570E+04	-3.739E+03	3.590E+02	1.782E-02	-1.047E+00	1.005E+00	-3.734E+03	-2.571E+04	1.554E+00
256	2	10	-7.434E-01	-2.871E-01	4.809E-01	-2.570E+04	-3.740E+03	3.572E+02	1.706E-02	-1.047E+00	1.007E+00	-3.734E+03	-2.570E+04	1.555E+00
256	2	11	-4.604E-01	-4.460E-01	6.157E-01	-2.601E+04	-3.706E+03	5.160E+02	1.626E-01	-1.069E+00	7.912E-01	-3.694E+03	-2.602E+04	1.548E+00
256	2	12	-4.630E-01	-4.446E-01	6.146E-01	-2.600E+04	-3.706E+03	5.142E+02	1.609E-01	-1.069E+00	7.929E-01	-3.695E+03	-2.602E+04	1.548E+00
256	2	13	-7.336E-01	-2.886E-01	4.831E-01	-2.570E+04	-3.739E+03	3.549E+02	2.080E-02	-1.043E+00	1.001E+00	-3.733E+03	-2.571E+04	1.555E+00
256	2	14	-7.362E-01	-2.872E-01	4.820E-01	-2.570E+04	-3.739E+03	3.532E+02	2.003E-02	-1.043E+00	1.003E+00	-3.734E+03	-2.571E+04	1.555E+00
256	2	15	-4.532E-01	-4.462E-01	6.169E-01	-2.601E+04	-3.706E+03	5.119E+02	1.672E-01	-1.067E+00	7.883E-01	-3.694E+03	-2.602E+04	1.548E+00
256	2	16	-4.559E-01	-4.448E-01	6.158E-01	-2.601E+04	-3.706E+03	5.102E+02	1.655E-01	-1.066E+00	7.899E-01	-3.694E+03	-2.602E+04	1.548E+00
256	3	1	-3.124E+00	4.160E-01	2.030E-01	-4.038E+04	-8.275E+02	2.502E+03	4.276E-01	-3.135E+00	1.514E+00	-6.698E+02	-4.053E+04	1.508E+00
256	3	2	-3.127E+00	4.165E-01	2.022E-01	-4.037E+04	-8.274E+02	2.501E+03	4.280E-01	-3.138E+00	1.514E+00	-6.698E+02	-4.053E+04	1.508E+00
256	3	3	-2.817E+00	3.462E-01	2.960E-01	-4.060E+04	-8.132E+02	2.618E+03	3.737E-01	-2.845E+00	1.478E+00	-6.418E+02	-4.077E+04	1.505E+00
256	3	4	-2.820E+00	3.467E-01	2.952E-01	-4.060E+04	-8.131E+02	2.616E+03	3.740E-01	-2.847E+00	1.479E+00	-6.418E+02	-4.077E+04	1.505E+00
256	3	5	-3.117E+00	4.165E-01	2.045E-01	-4.038E+04	-8.283E+02	2.499E+03	4.283E-01	-3.129E+00	1.513E+00	-6.710E+02	-4.053E+04	1.508E+00
256	3	6	-3.120E+00	4.171E-01	2.037E-01	-4.037E+04	-8.282E+02	2.497E+03	4.288E-01	-3.131E+00	1.513E+00	-6.711E+02	-4.053E+04	1.508E+00
256	3	7	-2.810E+00	3.468E-01	2.975E-01	-4.060E+04	-8.140E+02	2.614E+03	3.746E-01	-2.838E+00	1.478E+00	-6.430E+02	-4.077E+04	1.505E+00
256	3	8	-2.813E+00	3.473E-01	2.967E-01	-4.060E+04	-8.139E+02	2.613E+03	3.749E-01	-2.841E+00	1.478E+00	-6.431E+02	-4.077E+04	1.506E+00
256	3	9	-3.136E-01	-3.236E-01	-3.000E-01	-3.972E+04	-1.477E+02	3.287E+03	-1.856E-02	-6.186E-01	-7.770E-01	1.234E+02	-3.999E+04	1.488E+00
256	3	10	-3.164E-01	-3.231E-01	-3.008E-01	-3.972E+04	-1.476E+02	3.285E+03	-1.892E-02	-6.206E-01	-7.799E-01	1.233E+02	-3.999E+04	1.489E+00
256	3	11	-7.057E-03	-3.934E-01	-2.070E-01	-3.994E+04	-1.335E+02	3.402E+03	8.290E-02	-4.833E-01	-4.100E-01	1.551E+02	-4.023E+04	1.486E+00
256	3	12	-9.926E-03	-3.928E-01	-2.078E-01	-3.994E+04	-1.334E+02	3.401E+03	8.119E-02	-4.840E-01	-4.132E-01	1.550E+02	-4.023E+04	1.486E+00
256	3	13	-3.066E-01	-3.231E-01	-2.985E-01	-3.972E+04	-1.485E+02	3.283E+03	-1.623E-02	-6.134E-01	-7.716E-01	1.220E+02	-3.999E+04	1.489E+00
256	3	14	-3.094E-01	-3.225E-01	-2.993E-01	-3.972E+04	-1.484E+02	3.282E+03	-1.661E-02	-6.154E-01	-7.745E-01	1.219E+02	-3.999E+04	1.489E+00
256	3	15	-5.899E-05	-3.928E-01	-2.055E-01	-3.995E+04	-1.343E+02	3.398E+03	8.778E-02	-4.807E-01	-4.040E-01	1.537E+02	-4.023E+04	1.486E+00
256	3	16	-2.928E-03	-3.923E-01	-2.063E-01	-3.994E+04	-1.342E+02	3.397E+03	8.605E-02	-4.813E-01	-4.072E-01	1.536E+02	-4.023E+04	1.486E+00
256	4	1	-2.750E+00	-9.287E-02	9.720E-01	-5.479E+04	5.692E+02	-4.677E+02	2.247E-01	-3.068E+00	1.255E+00	5.732E+02	-5.479E+04	1.579E+00
256	4	2	-2.753E+00	-9.329E-02	9.714E-01	-5.479E+04	5.702E+02	-4.692E+02	2.237E-01	-3.070E+00	1.255E+00	5.742E+02	-5.479E+04	1.579E+00
256	4	3	-2.454E+00	-4.842E-02	1.030E+00	-5.494E+04	4.780E+02	-3.419E+02	3.322E-01	-2.834E+00	1.217E+00	4.801E+02	-5.495E+04	1.577E+00
256	4	4	-2.457E+00	-4.884E-02	1.029E+00	-5.494E+04	4.790E+02	-3.434E+02	3.311E-01	-2.837E+00	1.217E+00	4.811E+02	-5.494E+04	1.577E+00
256	4	5	-2.743E+00	-9.178E-02	9.739E-01	-5.479E+04	5.676E+02	-4.713E+02	2.275E-01	-3.062E+00	1.254E+00	5.716E+02	-5.479E+04	1.579E+00
256	4	6	-2.746E+00	-9.221E-02	9.733E-01	-5.479E+04	5.686E+02	-4.727E+02	2.265E-01	-3.064E+00	1.254E+00	5.726E+02	-5.479E+04	1.579E+00
256	4	7	-2.446E+00	-4.733E-02	1.032E+00	-5.495E+04	4.763E+02	-3.454E+02	3.353E-01	-2.829E+00	1.216E+00	4.785E+02	-5.495E+04	1.577E+00
256	4	8	-2.449E+00	-4.776E-02	1.031E+00	-5.494E+04	4.773E+02	-3.469E+02	3.342E-01	-2.831E+00	1.216E+00	4.795E+02	-5.495E+04	1.577E+00
256	4	9	-7.152E-01	8.763E-03	-1.093E+00	-5.398E+04	1.162E+03	-7.172E+02	7.978E-01	-1.504E+00	2.196E+00	1.171E+03	-5.399E+04	1.584E+00
256	4	10	-7.180E-01	8.341E-03	-1.093E+00	-5.397E+04	1.163E+03	-7.187E+02	7.971E-01	-1.507E+00	2.196E+00	1.172E+03	-5.398E+04	1.584E+00
256	4	11	-4.188E-01	5.321E-02	-1.035E+00	-5.413E+04	1.071E+03	-5.914E+02	8.786E-01	-1.244E+00	2.244E+00	1.077E+03	-5.414E+04	1.582E+00
256	4	12	-4.217E-01	5.279E-02	-1.035E+00	-5.413E+04	1.072E+03	-5.929E+02	8.778E-01	-1.247E+00	2.244E+00	1.078E+03	-5.414E+04	1.582E+00
256	4	13	-7.080E-01	9.848E-03	-1.091E+00	-5.398E+04	1.160E+03	-7.208E+02	7.992E-01	-1.497E+00	2.197E+00	1.170E+03	-5.399E+04	1.584E+00
256	4	14	-7.108E-01	9.426E-03	-1.091E+00	-5.398E+04	1.161E+03	-7.222E+02	7.985E-01	-1.500E+00	2.197E+00	1.171E+03	-5.398E+04	1.584E+00
256	4	15	-4.116E-01	5.430E-02	-1.033E+00	-5.414E+04	1.069E+03	-5.949E+02	8.802E-01	-1.238E+00	2.245E+00	1.076E+03	-5.414E+04	1.582E+00
256	4	16	-4.144E-01	5.388E-02	-1.034E+00	-5.413E+04	1.070E+03	-5.964E+02	8.794E-01	-1.240E+00	2.245E+00	1.077E+03	-5.414E+04	1.582E+00
257	1	1	-1.373E+00	1.291E-01	-1.258E-01	-4.013E+04	-6.746E+02	2.814E+03	1.395E-01	-1.384E+00	1.654E+00	-4.749E+02	-4.033E+04	1.500E+00
257	1	2	-1.369E+00	1.286E-01	-1.246E-01	-4.014E+04	-6.748E+02	2.814E+03	1.389E-01	-1.379E+00	1.653E+00	-4.751E+02	-4.034E+04	1.500E+00
257	1	3	-1.647E+00	2.012E-01	-2.107E-01	-3.992E+04	-6.587E+02	2.659E+03	2.249E-01	-1.671E+00	1.683E+00	-4.794E+02	-4.010E+04	1.503E+00

257	1	4	-1.643E+00	2.008E-01	-2.095E-01	-3.992E+04	-6.589E+02	2.659E+03	2.243E-01	-1.666E+00	1.683E+00	-4.796E+02	-4.010E+04	1.503E+00
257	1	5	-1.365E+00	1.287E-01	-1.236E-01	-4.013E+04	-6.752E+02	2.813E+03	1.388E-01	-1.375E+00	1.653E+00	-4.757E+02	-4.033E+04	1.500E+00
257	1	6	-1.361E+00	1.282E-01	-1.225E-01	-4.014E+04	-6.755E+02	2.813E+03	1.382E-01	-1.371E+00	1.652E+00	-4.759E+02	-4.034E+04	1.500E+00
257	1	7	-1.639E+00	2.008E-01	-2.085E-01	-3.992E+04	-6.593E+02	2.658E+03	2.241E-01	-1.662E+00	1.682E+00	-4.802E+02	-4.010E+04	1.504E+00
257	1	8	-1.635E+00	2.004E-01	-2.074E-01	-3.992E+04	-6.596E+02	2.658E+03	2.235E-01	-1.658E+00	1.682E+00	-4.804E+02	-4.010E+04	1.504E+00
257	1	9	-1.453E+00	-1.771E-01	2.068E-01	-4.003E+04	-2.408E+02	3.324E+03	-1.444E-01	-1.486E+00	1.414E+00	3.490E+01	-4.030E+04	1.488E+00
257	1	10	-1.449E+00	-1.775E-01	2.079E-01	-4.003E+04	-2.411E+02	3.324E+03	-1.444E-01	-1.482E+00	1.413E+00	3.466E+01	-4.031E+04	1.488E+00
257	1	11	-1.727E+00	-1.050E-01	1.219E-01	-3.981E+04	-2.250E+02	3.169E+03	-9.585E-02	-1.736E+00	1.496E+00	2.708E+01	-4.006E+04	1.491E+00
257	1	12	-1.723E+00	-1.054E-01	1.230E-01	-3.982E+04	-2.252E+02	3.169E+03	-9.610E-02	-1.732E+00	1.495E+00	2.683E+01	-4.007E+04	1.491E+00
257	1	13	-1.445E+00	-1.775E-01	2.089E-01	-4.003E+04	-2.415E+02	3.323E+03	-1.439E-01	-1.479E+00	1.412E+00	3.403E+01	-4.031E+04	1.488E+00
257	1	14	-1.441E+00	-1.779E-01	2.101E-01	-4.003E+04	-2.417E+02	3.323E+03	-1.439E-01	-1.475E+00	1.410E+00	3.379E+01	-4.031E+04	1.488E+00
257	1	15	-1.719E+00	-1.054E-01	1.240E-01	-3.981E+04	-2.256E+02	3.168E+03	-9.588E-02	-1.728E+00	1.495E+00	2.621E+01	-4.007E+04	1.491E+00
257	1	16	-1.715E+00	-1.058E-01	1.252E-01	-3.982E+04	-2.259E+02	3.168E+03	-9.612E-02	-1.724E+00	1.494E+00	2.597E+01	-4.007E+04	1.491E+00
257	2	1	-1.306E+00	-1.938E-01	5.569E-02	-5.432E+04	6.412E+02	-3.855E+02	-1.910E-01	-1.309E+00	1.521E+00	6.439E+02	-5.433E+04	1.578E+00
257	2	2	-1.302E+00	-1.932E-01	5.670E-02	-5.433E+04	6.398E+02	-3.854E+02	-1.903E-01	-1.304E+00	1.520E+00	6.425E+02	-5.433E+04	1.578E+00
257	2	3	-1.570E+00	-2.335E-01	2.256E-03	-5.417E+04	7.249E+02	-5.504E+02	-2.335E-01	-1.570E+00	1.569E+00	7.304E+02	-5.417E+04	1.581E+00
257	2	4	-1.566E+00	-2.329E-01	3.260E-03	-5.417E+04	7.235E+02	-5.503E+02	-2.328E-01	-1.566E+00	1.568E+00	7.290E+02	-5.418E+04	1.581E+00
257	2	5	-1.298E+00	-1.926E-01	5.736E-02	-5.432E+04	6.397E+02	-3.865E+02	-1.897E-01	-1.301E+00	1.519E+00	6.424E+02	-5.433E+04	1.578E+00
257	2	6	-1.293E+00	-1.920E-01	5.837E-02	-5.433E+04	6.383E+02	-3.864E+02	-1.889E-01	-1.297E+00	1.518E+00	6.410E+02	-5.433E+04	1.578E+00
257	2	7	-1.562E+00	-2.323E-01	3.926E-03	-5.417E+04	7.234E+02	-5.514E+02	-2.323E-01	-1.562E+00	1.568E+00	7.289E+02	-5.417E+04	1.581E+00
257	2	8	-1.558E+00	-2.316E-01	4.930E-03	-5.417E+04	7.220E+02	-5.513E+02	-2.316E-01	-1.558E+00	1.567E+00	7.275E+02	-5.418E+04	1.581E+00
257	2	9	-1.567E+00	1.943E-01	-6.380E-02	-5.422E+04	1.012E+03	-5.422E+02	1.966E-01	-1.570E+00	1.607E+00	1.017E+03	-5.423E+04	1.581E+00
257	2	10	-1.563E+00	1.950E-01	-6.279E-02	-5.422E+04	1.011E+03	-5.422E+02	1.972E-01	-1.565E+00	1.606E+00	1.016E+03	-5.423E+04	1.581E+00
257	2	11	-1.832E+00	1.547E-01	-1.172E-01	-5.406E+04	1.096E+03	-7.071E+02	1.615E-01	-1.839E+00	1.630E+00	1.105E+03	-5.407E+04	1.584E+00
257	2	12	-1.828E+00	1.553E-01	-1.162E-01	-5.407E+04	1.094E+03	-7.071E+02	1.621E-01	-1.834E+00	1.629E+00	1.103E+03	-5.408E+04	1.584E+00
257	2	13	-1.559E+00	1.955E-01	-6.213E-02	-5.422E+04	1.010E+03	-5.432E+02	1.977E-01	-1.562E+00	1.606E+00	1.016E+03	-5.423E+04	1.581E+00
257	2	14	-1.555E+00	1.962E-01	-6.112E-02	-5.422E+04	1.009E+03	-5.432E+02	1.983E-01	-1.557E+00	1.606E+00	1.014E+03	-5.423E+04	1.581E+00
257	2	15	-1.824E+00	1.559E-01	-1.156E-01	-5.406E+04	1.094E+03	-7.081E+02	1.626E-01	-1.831E+00	1.629E+00	1.103E+03	-5.407E+04	1.584E+00
257	2	16	-1.820E+00	1.565E-01	-1.146E-01	-5.407E+04	1.093E+03	-7.081E+02	1.631E-01	-1.826E+00	1.629E+00	1.102E+03	-5.408E+04	1.584E+00
257	3	1	-1.189E+00	5.087E-02	-1.144E-01	-3.997E+04	-1.407E+03	-9.838E+02	6.134E-02	-1.199E+00	1.662E+00	-1.382E+03	-4.000E+04	1.596E+00
257	3	2	-1.184E+00	5.049E-02	-1.133E-01	-3.997E+04	-1.408E+03	-9.837E+02	6.079E-02	-1.195E+00	1.662E+00	-1.383E+03	-4.000E+04	1.596E+00
257	3	3	-1.431E+00	9.940E-02	-1.956E-01	-3.974E+04	-1.369E+03	-1.140E+03	1.240E-01	-1.456E+00	1.696E+00	-1.335E+03	-3.978E+04	1.600E+00
257	3	4	-1.427E+00	9.901E-02	-1.944E-01	-3.975E+04	-1.370E+03	-1.140E+03	1.234E-01	-1.451E+00	1.696E+00	-1.336E+03	-3.978E+04	1.600E+00
257	3	5	-1.181E+00	5.069E-02	-1.123E-01	-3.997E+04	-1.408E+03	-9.847E+02	6.084E-02	-1.191E+00	1.661E+00	-1.383E+03	-4.000E+04	1.596E+00
257	3	6	-1.177E+00	5.030E-02	-1.112E-01	-3.998E+04	-1.408E+03	-9.846E+02	6.029E-02	-1.187E+00	1.660E+00	-1.383E+03	-4.000E+04	1.596E+00
257	3	7	-1.424E+00	9.922E-02	-1.935E-01	-3.974E+04	-1.369E+03	-1.141E+03	1.234E-01	-1.448E+00	1.695E+00	-1.336E+03	-3.978E+04	1.600E+00
257	3	8	-1.419E+00	9.883E-02	-1.923E-01	-3.975E+04	-1.370E+03	-1.141E+03	1.228E-01	-1.443E+00	1.695E+00	-1.336E+03	-3.978E+04	1.600E+00
257	3	9	-1.731E+00	-4.735E-02	1.947E-01	-4.013E+04	-1.432E+03	-3.993E+02	-2.513E-02	-1.753E+00	1.457E+00	-1.428E+03	-4.013E+04	1.581E+00
257	3	10	-1.727E+00	-4.774E-02	1.958E-01	-4.013E+04	-1.433E+03	-3.992E+02	-2.521E-02	-1.749E+00	1.456E+00	-1.428E+03	-4.014E+04	1.581E+00
257	3	11	-1.974E+00	1.171E-03	1.135E-01	-3.990E+04	-1.394E+03	-5.558E+02	7.674E-03	-1.980E+00	1.514E+00	-1.386E+03	-3.991E+04	1.585E+00
257	3	12	-1.970E+00	7.847E-04	1.146E-01	-3.990E+04	-1.394E+03	-5.557E+02	7.430E-03	-1.976E+00	1.513E+00	-1.386E+03	-3.991E+04	1.585E+00
257	3	13	-1.723E+00	-4.754E-02	1.968E-01	-4.013E+04	-1.432E+03	-4.002E+02	-2.474E-02	-1.746E+00	1.455E+00	-1.428E+03	-4.013E+04	1.581E+00
257	3	14	-1.719E+00	-4.792E-02	1.979E-01	-4.013E+04	-1.433E+03	-4.001E+02	-2.481E-02	-1.742E+00	1.455E+00	-1.429E+03	-4.014E+04	1.581E+00

257	3	15	-1.966E+00	9.872E-04	1.156E-01	-3.990E+04	-1.394E+03	-5.567E+02	7.758E-03	-1.973E+00	1.512E+00	-1.386E+03	-3.991E+04	1.585E+00
257	3	16	-1.962E+00	6.006E-04	1.167E-01	-3.990E+04	-1.395E+03	-5.566E+02	7.518E-03	-1.969E+00	1.512E+00	-1.387E+03	-3.991E+04	1.585E+00
257	4	1	-1.257E+00	3.772E-01	-2.882E-01	-2.589E+04	-3.860E+03	-3.434E+02	4.266E-01	-1.306E+00	1.740E+00	-3.854E+03	-2.589E+04	1.586E+00
257	4	2	-1.253E+00	3.758E-01	-2.870E-01	-2.589E+04	-3.859E+03	-3.431E+02	4.248E-01	-1.302E+00	1.740E+00	-3.854E+03	-2.590E+04	1.586E+00
257	4	3	-1.507E+00	5.306E-01	-4.161E-01	-2.560E+04	-3.887E+03	-5.423E+02	6.123E-01	-1.589E+00	1.765E+00	-3.874E+03	-2.561E+04	1.596E+00
257	4	4	-1.503E+00	5.291E-01	-4.148E-01	-2.560E+04	-3.887E+03	-5.421E+02	6.106E-01	-1.584E+00	1.765E+00	-3.873E+03	-2.562E+04	1.596E+00
257	4	5	-1.249E+00	3.755E-01	-2.857E-01	-2.589E+04	-3.860E+03	-3.446E+02	4.242E-01	-1.298E+00	1.740E+00	-3.854E+03	-2.590E+04	1.586E+00
257	4	6	-1.245E+00	3.740E-01	-2.844E-01	-2.590E+04	-3.859E+03	-3.443E+02	4.225E-01	-1.293E+00	1.740E+00	-3.854E+03	-2.590E+04	1.586E+00
257	4	7	-1.499E+00	5.288E-01	-4.135E-01	-2.560E+04	-3.887E+03	-5.435E+02	6.099E-01	-1.580E+00	1.764E+00	-3.873E+03	-2.562E+04	1.596E+00
257	4	8	-1.495E+00	5.273E-01	-4.123E-01	-2.561E+04	-3.886E+03	-5.433E+02	6.082E-01	-1.576E+00	1.764E+00	-3.873E+03	-2.562E+04	1.596E+00
257	4	9	-1.618E+00	-4.153E-01	4.729E-01	-2.604E+04	-3.751E+03	3.894E+02	-2.516E-01	-1.782E+00	1.238E+00	-3.744E+03	-2.604E+04	1.553E+00
257	4	10	-1.614E+00	-4.168E-01	4.741E-01	-2.604E+04	-3.750E+03	3.896E+02	-2.517E-01	-1.779E+00	1.236E+00	-3.743E+03	-2.605E+04	1.553E+00
257	4	11	-1.868E+00	-2.619E-01	3.450E-01	-2.575E+04	-3.778E+03	1.904E+02	-1.909E-01	-1.939E+00	1.368E+00	-3.776E+03	-2.575E+04	1.562E+00
257	4	12	-1.864E+00	-2.634E-01	3.463E-01	-2.575E+04	-3.778E+03	1.907E+02	-1.917E-01	-1.935E+00	1.367E+00	-3.776E+03	-2.575E+04	1.562E+00
257	4	13	-1.610E+00	-4.171E-01	4.754E-01	-2.604E+04	-3.750E+03	3.882E+02	-2.508E-01	-1.776E+00	1.234E+00	-3.744E+03	-2.605E+04	1.553E+00
257	4	14	-1.606E+00	-4.186E-01	4.767E-01	-2.605E+04	-3.750E+03	3.884E+02	-2.509E-01	-1.774E+00	1.233E+00	-3.743E+03	-2.605E+04	1.553E+00
257	4	15	-1.860E+00	-2.637E-01	3.476E-01	-2.575E+04	-3.778E+03	1.893E+02	-1.913E-01	-1.933E+00	1.365E+00	-3.776E+03	-2.575E+04	1.562E+00
257	4	16	-1.856E+00	-2.652E-01	3.488E-01	-2.576E+04	-3.777E+03	1.895E+02	-1.921E-01	-1.929E+00	1.364E+00	-3.776E+03	-2.576E+04	1.562E+00
258	1	1	-1.167E+00	1.582E-01	-3.172E-01	-4.103E+04	-4.267E+03	-1.474E+03	2.303E-01	-1.239E+00	1.794E+00	-4.207E+03	-4.109E+04	1.611E+00
258	1	2	-1.162E+00	1.574E-01	-3.122E-01	-4.103E+04	-4.265E+03	-1.474E+03	2.276E-01	-1.233E+00	1.792E+00	-4.206E+03	-4.109E+04	1.611E+00
258	1	3	-1.401E+00	3.399E-01	-5.992E-01	-4.082E+04	-4.438E+03	-1.629E+03	5.262E-01	-1.587E+00	1.872E+00	-4.365E+03	-4.089E+04	1.615E+00
258	1	4	-1.397E+00	3.392E-01	-5.942E-01	-4.082E+04	-4.436E+03	-1.629E+03	5.231E-01	-1.581E+00	1.871E+00	-4.364E+03	-4.089E+04	1.615E+00
258	1	5	-1.159E+00	1.555E-01	-3.090E-01	-4.103E+04	-4.267E+03	-1.476E+03	2.245E-01	-1.228E+00	1.790E+00	-4.208E+03	-4.109E+04	1.611E+00
258	1	6	-1.155E+00	1.547E-01	-3.040E-01	-4.103E+04	-4.266E+03	-1.475E+03	2.219E-01	-1.222E+00	1.788E+00	-4.207E+03	-4.109E+04	1.611E+00
258	1	7	-1.394E+00	3.373E-01	-5.910E-01	-4.082E+04	-4.438E+03	-1.630E+03	5.198E-01	-1.576E+00	1.870E+00	-4.365E+03	-4.089E+04	1.615E+00
258	1	8	-1.390E+00	3.365E-01	-5.860E-01	-4.082E+04	-4.437E+03	-1.630E+03	5.166E-01	-1.570E+00	1.869E+00	-4.364E+03	-4.090E+04	1.615E+00
258	1	9	-1.789E+00	-4.746E-01	1.932E-01	-4.099E+04	-3.063E+03	-1.067E+03	-4.468E-01	-1.817E+00	1.428E+00	-3.033E+03	-4.102E+04	1.599E+00
258	1	10	-1.785E+00	-4.754E-01	1.982E-01	-4.099E+04	-3.062E+03	-1.067E+03	-4.461E-01	-1.814E+00	1.424E+00	-3.032E+03	-4.102E+04	1.599E+00
258	1	11	-2.024E+00	-2.929E-01	-8.881E-02	-4.078E+04	-3.234E+03	-1.221E+03	-2.884E-01	-2.028E+00	1.622E+00	-3.195E+03	-4.082E+04	1.603E+00
258	1	12	-2.020E+00	-2.937E-01	-8.383E-02	-4.078E+04	-3.233E+03	-1.221E+03	-2.896E-01	-2.024E+00	1.619E+00	-3.193E+03	-4.082E+04	1.603E+00
258	1	13	-1.782E+00	-4.773E-01	2.014E-01	-4.099E+04	-3.064E+03	-1.068E+03	-4.470E-01	-1.812E+00	1.421E+00	-3.034E+03	-4.102E+04	1.599E+00
258	1	14	-1.778E+00	-4.781E-01	2.064E-01	-4.099E+04	-3.063E+03	-1.068E+03	-4.461E-01	-1.810E+00	1.417E+00	-3.033E+03	-4.102E+04	1.599E+00
258	1	15	-2.017E+00	-2.956E-01	-8.061E-02	-4.078E+04	-3.235E+03	-1.223E+03	-2.918E-01	-2.020E+00	1.617E+00	-3.195E+03	-4.082E+04	1.603E+00
258	1	16	-2.012E+00	-2.964E-01	-7.562E-02	-4.078E+04	-3.234E+03	-1.222E+03	-2.931E-01	-2.016E+00	1.615E+00	-3.194E+03	-4.082E+04	1.603E+00
258	2	1	-5.521E-01	-1.019E+00	-1.899E-01	-5.768E+04	-1.702E+04	-1.895E+03	-4.846E-01	-1.086E+00	-3.415E-01	-1.694E+04	-5.777E+04	1.617E+00
258	2	2	-5.452E-01	-1.018E+00	-1.829E-01	-5.768E+04	-1.702E+04	-1.897E+03	-4.827E-01	-1.080E+00	-3.294E-01	-1.694E+04	-5.777E+04	1.617E+00
258	2	3	-9.927E-01	-1.085E+00	-6.254E-01	-5.734E+04	-1.698E+04	-1.821E+03	-4.117E-01	-1.666E+00	-7.486E-01	-1.690E+04	-5.743E+04	1.616E+00
258	2	4	-9.858E-01	-1.084E+00	-6.184E-01	-5.735E+04	-1.698E+04	-1.823E+03	-4.145E-01	-1.655E+00	-7.458E-01	-1.690E+04	-5.743E+04	1.616E+00
258	2	5	-5.488E-01	-1.018E+00	-1.835E-01	-5.768E+04	-1.702E+04	-1.896E+03	-4.856E-01	-1.082E+00	-3.316E-01	-1.693E+04	-5.776E+04	1.617E+00
258	2	6	-5.419E-01	-1.017E+00	-1.765E-01	-5.768E+04	-1.702E+04	-1.897E+03	-4.835E-01	-1.076E+00	-3.193E-01	-1.694E+04	-5.777E+04	1.617E+00
258	2	7	-9.894E-01	-1.084E+00	-6.190E-01	-5.734E+04	-1.698E+04	-1.822E+03	-4.161E-01	-1.658E+00	-7.471E-01	-1.690E+04	-5.742E+04	1.616E+00
258	2	8	-9.825E-01	-1.083E+00	-6.120E-01	-5.735E+04	-1.698E+04	-1.823E+03	-4.189E-01	-1.647E+00	-7.443E-01	-1.690E+04	-5.743E+04	1.616E+00
258	2	9	-1.702E+00	8.842E-01	5.039E-01	-5.810E+04	-1.635E+04	-1.937E+03	9.789E-01	-1.797E+00	1.385E+00	-1.626E+04	-5.819E+04	1.617E+00

258	2	10	-1.695E+00	8.852E-01	5.109E-01	-5.810E+04	-1.635E+04	-1.938E+03	9.827E-01	-1.792E+00	1.382E+00	-1.626E+04	-5.819E+04	1.617E+00
258	2	11	-2.142E+00	8.181E-01	6.841E-02	-5.776E+04	-1.631E+04	-1.863E+03	8.197E-01	-2.144E+00	1.548E+00	-1.622E+04	-5.785E+04	1.616E+00
258	2	12	-2.135E+00	8.191E-01	7.538E-02	-5.777E+04	-1.631E+04	-1.864E+03	8.210E-01	-2.137E+00	1.545E+00	-1.623E+04	-5.785E+04	1.616E+00
258	2	13	-1.699E+00	8.847E-01	5.103E-01	-5.810E+04	-1.635E+04	-1.938E+03	9.818E-01	-1.796E+00	1.383E+00	-1.626E+04	-5.819E+04	1.617E+00
258	2	14	-1.692E+00	8.857E-01	5.173E-01	-5.810E+04	-1.635E+04	-1.939E+03	9.857E-01	-1.792E+00	1.380E+00	-1.626E+04	-5.819E+04	1.617E+00
258	2	15	-2.139E+00	8.186E-01	7.484E-02	-5.776E+04	-1.631E+04	-1.863E+03	8.205E-01	-2.141E+00	1.546E+00	-1.622E+04	-5.785E+04	1.616E+00
258	2	16	-2.132E+00	8.196E-01	8.181E-02	-5.777E+04	-1.631E+04	-1.865E+03	8.219E-01	-2.134E+00	1.543E+00	-1.623E+04	-5.785E+04	1.616E+00
258	3	1	-2.639E-01	-1.429E-01	-5.386E-01	-3.931E+04	-2.164E+04	1.646E+03	3.386E-01	-7.454E-01	2.300E+00	-2.149E+04	-3.946E+04	1.479E+00
258	3	2	-2.534E-01	-1.460E-01	-5.330E-01	-3.931E+04	-2.164E+04	1.646E+03	3.360E-01	-7.354E-01	2.306E+00	-2.149E+04	-3.946E+04	1.479E+00
258	3	3	-9.891E-01	1.711E-01	-8.716E-01	-3.896E+04	-2.157E+04	1.584E+03	6.380E-01	-1.456E+00	2.063E+00	-2.142E+04	-3.910E+04	1.481E+00
258	3	4	-9.786E-01	1.680E-01	-8.660E-01	-3.896E+04	-2.157E+04	1.583E+03	6.333E-01	-1.444E+00	2.064E+00	-2.143E+04	-3.910E+04	1.481E+00
258	3	5	-2.640E-01	-1.430E-01	-5.300E-01	-3.931E+04	-2.164E+04	1.644E+03	3.300E-01	-7.370E-01	2.299E+00	-2.149E+04	-3.946E+04	1.479E+00
258	3	6	-2.535E-01	-1.460E-01	-5.244E-01	-3.931E+04	-2.164E+04	1.644E+03	3.274E-01	-7.269E-01	2.305E+00	-2.149E+04	-3.946E+04	1.479E+00
258	3	7	-9.893E-01	1.710E-01	-8.630E-01	-3.895E+04	-2.157E+04	1.582E+03	6.308E-01	-1.449E+00	2.060E+00	-2.142E+04	-3.910E+04	1.481E+00
258	3	8	-9.788E-01	1.680E-01	-8.574E-01	-3.896E+04	-2.157E+04	1.582E+03	6.261E-01	-1.437E+00	2.061E+00	-2.142E+04	-3.910E+04	1.481E+00
258	3	9	-1.173E+00	-6.735E-01	4.902E-01	-3.955E+04	-2.031E+04	1.470E+03	-3.730E-01	-1.473E+00	1.021E+00	-2.020E+04	-3.966E+04	1.495E+00
258	3	10	-1.162E+00	-6.765E-01	4.958E-01	-3.955E+04	-2.031E+04	1.470E+03	-3.673E-01	-1.472E+00	1.013E+00	-2.020E+04	-3.966E+04	1.495E+00
258	3	11	-1.898E+00	-3.594E-01	1.572E-01	-3.920E+04	-2.023E+04	1.408E+03	-3.435E-01	-1.914E+00	1.470E+00	-2.013E+04	-3.930E+04	1.497E+00
258	3	12	-1.888E+00	-3.625E-01	1.628E-01	-3.920E+04	-2.024E+04	1.408E+03	-3.453E-01	-1.905E+00	1.466E+00	-2.013E+04	-3.930E+04	1.497E+00
258	3	13	-1.173E+00	-6.735E-01	4.988E-01	-3.954E+04	-2.031E+04	1.469E+03	-3.654E-01	-1.481E+00	1.018E+00	-2.020E+04	-3.966E+04	1.495E+00
258	3	14	-1.163E+00	-6.765E-01	5.044E-01	-3.955E+04	-2.031E+04	1.468E+03	-3.597E-01	-1.479E+00	1.010E+00	-2.020E+04	-3.966E+04	1.495E+00
258	3	15	-1.898E+00	-3.595E-01	1.657E-01	-3.919E+04	-2.023E+04	1.406E+03	-3.418E-01	-1.916E+00	1.465E+00	-2.013E+04	-3.930E+04	1.497E+00
258	3	16	-1.888E+00	-3.625E-01	1.713E-01	-3.920E+04	-2.023E+04	1.406E+03	-3.435E-01	-1.907E+00	1.460E+00	-2.013E+04	-3.930E+04	1.497E+00
258	4	1	-8.801E-01	1.050E+00	-6.636E-01	-2.004E+04	-1.702E+04	-2.107E+03	1.256E+00	-1.086E+00	1.872E+00	-1.594E+04	-2.112E+04	2.045E+00
258	4	2	-8.723E-01	1.045E+00	-6.600E-01	-2.004E+04	-1.702E+04	-2.108E+03	1.251E+00	-1.077E+00	1.872E+00	-1.594E+04	-2.112E+04	2.045E+00
258	4	3	-1.396E+00	1.580E+00	-8.478E-01	-1.982E+04	-1.681E+04	-2.241E+03	1.804E+00	-1.621E+00	1.830E+00	-1.562E+04	-2.101E+04	2.061E+00
258	4	4	-1.388E+00	1.575E+00	-8.441E-01	-1.982E+04	-1.681E+04	-2.241E+03	1.799E+00	-1.612E+00	1.830E+00	-1.562E+04	-2.102E+04	2.061E+00
258	4	5	-8.762E-01	1.047E+00	-6.533E-01	-2.004E+04	-1.702E+04	-2.110E+03	1.248E+00	-1.077E+00	1.869E+00	-1.593E+04	-2.113E+04	2.045E+00
258	4	6	-8.684E-01	1.042E+00	-6.496E-01	-2.004E+04	-1.702E+04	-2.110E+03	1.242E+00	-1.068E+00	1.869E+00	-1.593E+04	-2.113E+04	2.045E+00
258	4	7	-1.392E+00	1.577E+00	-8.374E-01	-1.982E+04	-1.681E+04	-2.244E+03	1.797E+00	-1.612E+00	1.828E+00	-1.561E+04	-2.102E+04	2.061E+00
258	4	8	-1.384E+00	1.572E+00	-8.338E-01	-1.982E+04	-1.681E+04	-2.244E+03	1.791E+00	-1.603E+00	1.828E+00	-1.561E+04	-2.102E+04	2.061E+00
258	4	9	-1.262E+00	-2.016E+00	1.818E-01	-1.992E+04	-1.484E+04	-1.792E+03	-1.221E+00	-2.058E+00	2.246E-01	-1.427E+04	-2.049E+04	1.878E+00
258	4	10	-1.254E+00	-2.021E+00	1.854E-01	-1.993E+04	-1.484E+04	-1.792E+03	-1.212E+00	-2.063E+00	2.252E-01	-1.427E+04	-2.049E+04	1.878E+00
258	4	11	-1.778E+00	-1.487E+00	-2.382E-03	-1.970E+04	-1.464E+04	-1.925E+03	-1.487E+00	-1.778E+00	1.579E+00	-1.399E+04	-2.035E+04	1.896E+00
258	4	12	-1.770E+00	-1.491E+00	1.237E-03	-1.970E+04	-1.464E+04	-1.926E+03	-1.491E+00	-1.770E+00	1.566E+00	-1.399E+04	-2.035E+04	1.896E+00
258	4	13	-1.258E+00	-2.019E+00	1.921E-01	-1.992E+04	-1.484E+04	-1.794E+03	-1.212E+00	-2.065E+00	2.338E-01	-1.427E+04	-2.049E+04	1.878E+00
258	4	14	-1.250E+00	-2.024E+00	1.958E-01	-1.993E+04	-1.484E+04	-1.794E+03	-1.204E+00	-2.071E+00	2.342E-01	-1.427E+04	-2.050E+04	1.878E+00
258	4	15	-1.774E+00	-1.490E+00	7.982E-03	-1.970E+04	-1.463E+04	-1.928E+03	-1.490E+00	-1.774E+00	1.543E+00	-1.398E+04	-2.035E+04	1.896E+00
258	4	16	-1.766E+00	-1.495E+00	1.160E-02	-1.970E+04	-1.463E+04	-1.928E+03	-1.494E+00	-1.767E+00	1.528E+00	-1.398E+04	-2.035E+04	1.896E+00
259	1	1	-2.070E-01	2.385E-01	-4.825E-01	-3.941E+04	-2.221E+04	1.638E+03	5.472E-01	-5.157E-01	2.140E+00	-2.206E+04	-3.956E+04	1.477E+00
259	1	2	-1.966E-01	2.351E-01	-4.863E-01	-3.941E+04	-2.222E+04	1.637E+03	5.513E-01	-5.128E-01	2.147E+00	-2.206E+04	-3.957E+04	1.477E+00
259	1	3	-9.330E-01	5.430E-01	-1.170E-01	-3.906E+04	-2.214E+04	1.683E+03	5.523E-01	-9.422E-01	1.649E+00	-2.197E+04	-3.922E+04	1.473E+00
259	1	4	-9.226E-01	5.397E-01	-1.208E-01	-3.906E+04	-2.214E+04	1.682E+03	5.496E-01	-9.325E-01	1.653E+00	-2.197E+04	-3.923E+04	1.473E+00

259	1	5	-2.075E-01	2.358E-01	-4.745E-01	-3.941E+04	-2.221E+04	1.636E+03	5.378E-01	-5.096E-01	2.138E+00	-2.206E+04	-3.956E+04	1.477E+00
259	1	6	-1.971E-01	2.324E-01	-4.783E-01	-3.941E+04	-2.222E+04	1.635E+03	5.420E-01	-5.066E-01	2.145E+00	-2.206E+04	-3.956E+04	1.477E+00
259	1	7	-9.335E-01	5.403E-01	-1.090E-01	-3.905E+04	-2.214E+04	1.681E+03	5.484E-01	-9.416E-01	1.644E+00	-2.197E+04	-3.922E+04	1.473E+00
259	1	8	-9.231E-01	5.370E-01	-1.128E-01	-3.906E+04	-2.214E+04	1.680E+03	5.456E-01	-9.318E-01	1.647E+00	-2.197E+04	-3.922E+04	1.473E+00
259	1	9	-1.231E+00	-1.056E+00	5.006E-01	-3.952E+04	-2.018E+04	1.291E+03	-6.354E-01	-1.652E+00	8.716E-01	-2.009E+04	-3.961E+04	1.504E+00
259	1	10	-1.220E+00	-1.060E+00	4.968E-01	-3.953E+04	-2.018E+04	1.290E+03	-6.368E-01	-1.643E+00	8.654E-01	-2.010E+04	-3.961E+04	1.505E+00
259	1	11	-1.957E+00	-7.519E-01	8.661E-01	-3.917E+04	-2.010E+04	1.336E+03	-2.992E-01	-2.409E+00	1.089E+00	-2.001E+04	-3.926E+04	1.501E+00
259	1	12	-1.946E+00	-7.552E-01	8.623E-01	-3.918E+04	-2.010E+04	1.335E+03	-3.028E-01	-2.399E+00	1.088E+00	-2.001E+04	-3.927E+04	1.501E+00
259	1	13	-1.231E+00	-1.059E+00	5.086E-01	-3.952E+04	-2.018E+04	1.289E+03	-6.293E-01	-1.661E+00	8.692E-01	-2.009E+04	-3.961E+04	1.505E+00
259	1	14	-1.221E+00	-1.062E+00	5.048E-01	-3.953E+04	-2.018E+04	1.288E+03	-6.307E-01	-1.653E+00	8.631E-01	-2.010E+04	-3.961E+04	1.505E+00
259	1	15	-1.957E+00	-7.546E-01	8.741E-01	-3.917E+04	-2.010E+04	1.334E+03	-2.949E-01	-2.417E+00	1.087E+00	-2.001E+04	-3.926E+04	1.501E+00
259	1	16	-1.947E+00	-7.579E-01	8.703E-01	-3.917E+04	-2.010E+04	1.333E+03	-2.984E-01	-2.406E+00	1.085E+00	-2.001E+04	-3.927E+04	1.501E+00
259	2	1	-1.009E+00	2.028E-01	-9.708E-01	-5.817E+04	-1.795E+04	-1.924E+03	7.414E-01	-1.547E+00	2.077E+00	-1.786E+04	-5.826E+04	1.618E+00
259	2	2	-1.002E+00	2.037E-01	-9.764E-01	-5.817E+04	-1.795E+04	-1.924E+03	7.483E-01	-1.547E+00	2.080E+00	-1.786E+04	-5.827E+04	1.618E+00
259	2	3	-1.460E+00	1.351E-01	-5.130E-01	-5.784E+04	-1.790E+04	-1.874E+03	2.858E-01	-1.611E+00	1.857E+00	-1.782E+04	-5.792E+04	1.618E+00
259	2	4	-1.454E+00	1.360E-01	-5.186E-01	-5.784E+04	-1.791E+04	-1.874E+03	2.902E-01	-1.608E+00	1.860E+00	-1.782E+04	-5.793E+04	1.618E+00
259	2	5	-1.013E+00	2.022E-01	-9.645E-01	-5.817E+04	-1.795E+04	-1.927E+03	7.346E-01	-1.545E+00	2.075E+00	-1.786E+04	-5.826E+04	1.619E+00
259	2	6	-1.007E+00	2.031E-01	-9.701E-01	-5.817E+04	-1.795E+04	-1.926E+03	7.415E-01	-1.545E+00	2.077E+00	-1.786E+04	-5.826E+04	1.619E+00
259	2	7	-1.464E+00	1.345E-01	-5.067E-01	-5.783E+04	-1.790E+04	-1.877E+03	2.815E-01	-1.611E+00	1.853E+00	-1.782E+04	-5.792E+04	1.618E+00
259	2	8	-1.458E+00	1.354E-01	-5.123E-01	-5.784E+04	-1.790E+04	-1.877E+03	2.859E-01	-1.608E+00	1.857E+00	-1.782E+04	-5.793E+04	1.618E+00
259	2	9	-1.245E+00	-3.548E-01	6.298E-01	-5.808E+04	-1.621E+04	-1.829E+03	-2.864E-02	-1.571E+00	1.093E+00	-1.613E+04	-5.816E+04	1.614E+00
259	2	10	-1.239E+00	-3.539E-01	6.242E-01	-5.809E+04	-1.621E+04	-1.829E+03	-3.121E-02	-1.561E+00	1.094E+00	-1.613E+04	-5.817E+04	1.614E+00
259	2	11	-1.696E+00	-4.225E-01	1.088E+00	-5.775E+04	-1.617E+04	-1.779E+03	2.010E-01	-2.320E+00	1.050E+00	-1.609E+04	-5.783E+04	1.613E+00
259	2	12	-1.690E+00	-4.216E-01	1.082E+00	-5.775E+04	-1.617E+04	-1.779E+03	1.984E-01	-2.310E+00	1.051E+00	-1.609E+04	-5.783E+04	1.613E+00
259	2	13	-1.249E+00	-3.554E-01	6.361E-01	-5.808E+04	-1.621E+04	-1.831E+03	-2.484E-02	-1.580E+00	1.092E+00	-1.613E+04	-5.816E+04	1.614E+00
259	2	14	-1.243E+00	-3.545E-01	6.305E-01	-5.809E+04	-1.621E+04	-1.831E+03	-2.741E-02	-1.570E+00	1.092E+00	-1.613E+04	-5.817E+04	1.614E+00
259	2	15	-1.700E+00	-4.231E-01	1.094E+00	-5.775E+04	-1.617E+04	-1.782E+03	2.050E-01	-2.328E+00	1.050E+00	-1.609E+04	-5.782E+04	1.614E+00
259	2	16	-1.694E+00	-4.222E-01	1.088E+00	-5.775E+04	-1.617E+04	-1.782E+03	2.023E-01	-2.319E+00	1.050E+00	-1.609E+04	-5.783E+04	1.614E+00
259	3	1	-1.919E+00	8.250E-01	-5.561E-01	-4.147E+04	-4.676E+03	1.725E+03	9.334E-01	-2.028E+00	1.763E+00	-4.595E+03	-4.155E+04	1.524E+00
259	3	2	-1.917E+00	8.244E-01	-5.593E-01	-4.147E+04	-4.674E+03	1.723E+03	9.341E-01	-2.026E+00	1.765E+00	-4.594E+03	-4.155E+04	1.524E+00
259	3	3	-2.178E+00	1.014E+00	-2.463E-01	-4.125E+04	-4.836E+03	1.843E+03	1.033E+00	-2.197E+00	1.647E+00	-4.743E+03	-4.134E+04	1.520E+00
259	3	4	-2.176E+00	1.013E+00	-2.495E-01	-4.125E+04	-4.834E+03	1.842E+03	1.033E+00	-2.195E+00	1.648E+00	-4.741E+03	-4.135E+04	1.520E+00
259	3	5	-1.926E+00	8.247E-01	-5.479E-01	-4.147E+04	-4.674E+03	1.722E+03	9.298E-01	-2.032E+00	1.760E+00	-4.594E+03	-4.155E+04	1.524E+00
259	3	6	-1.924E+00	8.242E-01	-5.511E-01	-4.147E+04	-4.672E+03	1.720E+03	9.306E-01	-2.030E+00	1.762E+00	-4.592E+03	-4.155E+04	1.524E+00
259	3	7	-2.186E+00	1.014E+00	-2.381E-01	-4.125E+04	-4.834E+03	1.841E+03	1.031E+00	-2.203E+00	1.645E+00	-4.741E+03	-4.134E+04	1.520E+00
259	3	8	-2.183E+00	1.013E+00	-2.413E-01	-4.125E+04	-4.832E+03	1.839E+03	1.031E+00	-2.201E+00	1.646E+00	-4.740E+03	-4.134E+04	1.520E+00
259	3	9	-1.035E+00	-1.152E+00	6.520E-01	-4.092E+04	-2.847E+03	1.024E+03	-4.388E-01	-1.748E+00	7.407E-01	-2.819E+03	-4.095E+04	1.544E+00
259	3	10	-1.032E+00	-1.153E+00	6.488E-01	-4.092E+04	-2.845E+03	1.023E+03	-4.409E-01	-1.744E+00	7.392E-01	-2.817E+03	-4.095E+04	1.544E+00
259	3	11	-1.294E+00	-9.631E-01	9.618E-01	-4.070E+04	-3.006E+03	1.143E+03	-1.527E-01	-2.105E+00	8.706E-01	-2.972E+03	-4.074E+04	1.541E+00
259	3	12	-1.292E+00	-9.637E-01	9.586E-01	-4.071E+04	-3.005E+03	1.141E+03	-1.551E-01	-2.100E+00	8.701E-01	-2.970E+03	-4.074E+04	1.541E+00
259	3	13	-1.042E+00	-1.152E+00	6.602E-01	-4.092E+04	-2.844E+03	1.021E+03	-4.348E-01	-1.760E+00	7.439E-01	-2.817E+03	-4.095E+04	1.544E+00
259	3	14	-1.040E+00	-1.153E+00	6.570E-01	-4.092E+04	-2.843E+03	1.020E+03	-4.368E-01	-1.756E+00	7.425E-01	-2.816E+03	-4.095E+04	1.544E+00
259	3	15	-1.302E+00	-9.634E-01	9.700E-01	-4.070E+04	-3.004E+03	1.140E+03	-1.478E-01	-2.117E+00	8.717E-01	-2.970E+03	-4.074E+04	1.541E+00

259	3	16	-1.299E+00	-9.640E-01	9.668E-01	-4.070E+04	-3.003E+03	1.138E+03	-1.503E-01	-2.113E+00	8.712E-01	-2.968E+03	-4.074E+04	1.541E+00
259	4	1	-1.120E+00	8.765E-01	-7.093E-02	-2.004E+04	-1.702E+04	2.530E+03	8.790E-01	-1.122E+00	1.606E+00	-1.558E+04	-2.148E+04	1.054E+00
259	4	2	-1.113E+00	8.717E-01	-7.238E-02	-2.004E+04	-1.702E+04	2.528E+03	8.743E-01	-1.115E+00	1.607E+00	-1.559E+04	-2.148E+04	1.055E+00
259	4	3	-1.649E+00	1.406E+00	1.529E-01	-1.981E+04	-1.722E+04	2.600E+03	1.414E+00	-1.657E+00	1.521E+00	-1.561E+04	-2.142E+04	1.016E+00
259	4	4	-1.642E+00	1.401E+00	1.515E-01	-1.981E+04	-1.722E+04	2.598E+03	1.409E+00	-1.650E+00	1.521E+00	-1.561E+04	-2.142E+04	1.017E+00
259	4	5	-1.124E+00	8.742E-01	-6.103E-02	-2.004E+04	-1.702E+04	2.526E+03	8.760E-01	-1.125E+00	1.601E+00	-1.559E+04	-2.147E+04	1.055E+00
259	4	6	-1.117E+00	8.693E-01	-6.247E-02	-2.004E+04	-1.702E+04	2.524E+03	8.713E-01	-1.119E+00	1.602E+00	-1.559E+04	-2.147E+04	1.055E+00
259	4	7	-1.653E+00	1.404E+00	1.629E-01	-1.981E+04	-1.722E+04	2.596E+03	1.412E+00	-1.662E+00	1.518E+00	-1.561E+04	-2.141E+04	1.017E+00
259	4	8	-1.646E+00	1.399E+00	1.614E-01	-1.981E+04	-1.722E+04	2.594E+03	1.407E+00	-1.655E+00	1.518E+00	-1.561E+04	-2.141E+04	1.017E+00
259	4	9	-1.023E+00	-1.838E+00	5.196E-01	-1.986E+04	-1.438E+04	1.797E+03	-7.700E-01	-2.091E+00	4.529E-01	-1.384E+04	-2.040E+04	1.281E+00
259	4	10	-1.016E+00	-1.843E+00	5.182E-01	-1.987E+04	-1.438E+04	1.796E+03	-7.664E-01	-2.092E+00	4.487E-01	-1.384E+04	-2.040E+04	1.281E+00
259	4	11	-1.552E+00	-1.308E+00	7.435E-01	-1.963E+04	-1.458E+04	1.867E+03	-6.769E-01	-2.184E+00	8.667E-01	-1.396E+04	-2.025E+04	1.253E+00
259	4	12	-1.545E+00	-1.313E+00	7.421E-01	-1.964E+04	-1.457E+04	1.865E+03	-6.782E-01	-2.180E+00	8.630E-01	-1.396E+04	-2.025E+04	1.253E+00
259	4	13	-1.027E+00	-1.840E+00	5.295E-01	-1.986E+04	-1.437E+04	1.793E+03	-7.657E-01	-2.101E+00	4.579E-01	-1.384E+04	-2.039E+04	1.281E+00
259	4	14	-1.020E+00	-1.845E+00	5.281E-01	-1.986E+04	-1.437E+04	1.792E+03	-7.622E-01	-2.102E+00	4.538E-01	-1.384E+04	-2.040E+04	1.282E+00
259	4	15	-1.556E+00	-1.311E+00	7.534E-01	-1.963E+04	-1.457E+04	1.863E+03	-6.701E-01	-2.197E+00	8.661E-01	-1.396E+04	-2.024E+04	1.253E+00
259	4	16	-1.549E+00	-1.316E+00	7.520E-01	-1.963E+04	-1.457E+04	1.861E+03	-6.714E-01	-2.193E+00	8.625E-01	-1.396E+04	-2.024E+04	1.254E+00
260	1	1	-2.047E+00	5.717E-03	-3.057E-01	-4.035E+04	-1.407E+03	1.264E+03	5.028E-02	-2.091E+00	1.716E+00	-1.366E+03	-4.039E+04	1.538E+00
260	1	2	-2.044E+00	5.308E-03	-3.065E-01	-4.035E+04	-1.408E+03	1.263E+03	5.017E-02	-2.089E+00	1.716E+00	-1.367E+03	-4.039E+04	1.538E+00
260	1	3	-2.318E+00	5.359E-02	-2.166E-01	-4.011E+04	-1.369E+03	1.383E+03	7.322E-02	-2.337E+00	1.661E+00	-1.320E+03	-4.016E+04	1.535E+00
260	1	4	-2.315E+00	5.318E-02	-2.175E-01	-4.011E+04	-1.370E+03	1.382E+03	7.298E-02	-2.335E+00	1.662E+00	-1.320E+03	-4.016E+04	1.535E+00
260	1	5	-2.054E+00	5.340E-03	-3.042E-01	-4.035E+04	-1.407E+03	1.261E+03	4.934E-02	-2.098E+00	1.714E+00	-1.366E+03	-4.039E+04	1.538E+00
260	1	6	-2.051E+00	4.932E-03	-3.050E-01	-4.035E+04	-1.407E+03	1.260E+03	4.922E-02	-2.096E+00	1.715E+00	-1.367E+03	-4.039E+04	1.538E+00
260	1	7	-2.325E+00	5.321E-02	-2.152E-01	-4.011E+04	-1.369E+03	1.380E+03	7.252E-02	-2.345E+00	1.660E+00	-1.320E+03	-4.016E+04	1.535E+00
260	1	8	-2.323E+00	5.280E-02	-2.160E-01	-4.011E+04	-1.369E+03	1.378E+03	7.228E-02	-2.342E+00	1.661E+00	-1.320E+03	-4.016E+04	1.535E+00
260	1	9	-8.668E-01	-8.823E-04	2.162E-01	-4.010E+04	-1.436E+03	3.148E+02	5.009E-02	-9.178E-01	1.339E+00	-1.434E+03	-4.010E+04	1.563E+00
260	1	10	-8.642E-01	-1.291E-03	2.154E-01	-4.010E+04	-1.437E+03	3.133E+02	4.948E-02	-9.150E-01	1.339E+00	-1.434E+03	-4.010E+04	1.563E+00
260	1	11	-1.138E+00	4.699E-02	3.052E-01	-3.986E+04	-1.398E+03	4.335E+02	1.210E-01	-1.212E+00	1.333E+00	-1.393E+03	-3.986E+04	1.560E+00
260	1	12	-1.136E+00	4.658E-02	3.044E-01	-3.986E+04	-1.399E+03	4.321E+02	1.204E-01	-1.209E+00	1.333E+00	-1.394E+03	-3.987E+04	1.560E+00
260	1	13	-8.742E-01	-1.259E-03	2.177E-01	-4.009E+04	-1.436E+03	3.115E+02	5.001E-02	-9.255E-01	1.339E+00	-1.434E+03	-4.010E+04	1.563E+00
260	1	14	-8.716E-01	-1.667E-03	2.169E-01	-4.010E+04	-1.437E+03	3.100E+02	4.940E-02	-9.227E-01	1.340E+00	-1.434E+03	-4.010E+04	1.563E+00
260	1	15	-1.145E+00	4.661E-02	3.067E-01	-3.986E+04	-1.398E+03	4.302E+02	1.209E-01	-1.220E+00	1.333E+00	-1.393E+03	-3.986E+04	1.560E+00
260	1	16	-1.143E+00	4.620E-02	3.059E-01	-3.986E+04	-1.399E+03	4.288E+02	1.203E-01	-1.217E+00	1.333E+00	-1.394E+03	-3.986E+04	1.560E+00
260	2	1	-2.449E+00	-4.776E-02	-1.031E+00	-5.494E+04	4.773E+02	-4.677E+02	3.342E-01	-2.831E+00	1.926E+00	4.813E+02	-5.495E+04	1.579E+00
260	2	2	-2.446E+00	-4.733E-02	-1.032E+00	-5.495E+04	4.763E+02	-4.692E+02	3.353E-01	-2.829E+00	1.926E+00	4.803E+02	-5.495E+04	1.579E+00
260	2	3	-2.746E+00	-9.221E-02	-9.733E-01	-5.479E+04	5.686E+02	-3.419E+02	2.265E-01	-3.064E+00	1.887E+00	5.707E+02	-5.479E+04	1.577E+00
260	2	4	-2.743E+00	-9.178E-02	-9.739E-01	-5.479E+04	5.676E+02	-3.434E+02	2.275E-01	-3.062E+00	1.888E+00	5.697E+02	-5.479E+04	1.577E+00
260	2	5	-2.457E+00	-4.884E-02	-1.029E+00	-5.494E+04	4.790E+02	-4.713E+02	3.311E-01	-2.837E+00	1.924E+00	4.830E+02	-5.495E+04	1.579E+00
260	2	6	-2.454E+00	-4.842E-02	-1.030E+00	-5.494E+04	4.780E+02	-4.727E+02	3.322E-01	-2.834E+00	1.925E+00	4.820E+02	-5.495E+04	1.579E+00
260	2	7	-2.753E+00	-9.329E-02	-9.714E-01	-5.479E+04	5.702E+02	-3.454E+02	2.237E-01	-3.070E+00	1.886E+00	5.724E+02	-5.479E+04	1.577E+00
260	2	8	-2.750E+00	-9.287E-02	-9.720E-01	-5.479E+04	5.692E+02	-3.469E+02	2.247E-01	-3.068E+00	1.887E+00	5.714E+02	-5.479E+04	1.577E+00
260	2	9	-4.144E-01	5.388E-02	1.034E+00	-5.413E+04	1.070E+03	-7.172E+02	8.794E-01	-1.240E+00	8.968E-01	1.079E+03	-5.414E+04	1.584E+00
260	2	10	-4.116E-01	5.430E-02	1.033E+00	-5.414E+04	1.069E+03	-7.187E+02	8.802E-01	-1.238E+00	8.963E-01	1.078E+03	-5.414E+04	1.584E+00

260	2	11	-7.108E-01	9.426E-03	1.091E+00	-5.398E+04	1.161E+03	-5.914E+02	7.985E-01	-1.500E+00	9.448E-01	1.168E+03	-5.398E+04	1.582E+00
260	2	12	-7.080E-01	9.848E-03	1.091E+00	-5.398E+04	1.160E+03	-5.929E+02	7.992E-01	-1.497E+00	9.443E-01	1.167E+03	-5.398E+04	1.582E+00
260	2	13	-4.217E-01	5.279E-02	1.035E+00	-5.413E+04	1.072E+03	-7.208E+02	8.778E-01	-1.247E+00	8.980E-01	1.081E+03	-5.414E+04	1.584E+00
260	2	14	-4.188E-01	5.321E-02	1.035E+00	-5.413E+04	1.071E+03	-7.222E+02	8.786E-01	-1.244E+00	8.975E-01	1.080E+03	-5.414E+04	1.584E+00
260	2	15	-7.180E-01	8.341E-03	1.093E+00	-5.397E+04	1.163E+03	-5.949E+02	7.971E-01	-1.507E+00	9.458E-01	1.169E+03	-5.398E+04	1.582E+00
260	2	16	-7.152E-01	8.763E-03	1.093E+00	-5.398E+04	1.162E+03	-5.964E+02	7.978E-01	-1.504E+00	9.454E-01	1.168E+03	-5.398E+04	1.582E+00
260	3	1	-2.813E+00	3.473E-01	-2.967E-01	-4.060E+04	-8.139E+02	-2.613E+03	3.749E-01	-2.841E+00	1.664E+00	-6.431E+02	-4.077E+04	1.636E+00
260	3	2	-2.810E+00	3.468E-01	-2.975E-01	-4.060E+04	-8.140E+02	-2.614E+03	3.746E-01	-2.838E+00	1.664E+00	-6.430E+02	-4.077E+04	1.636E+00
260	3	3	-3.120E+00	4.171E-01	-2.037E-01	-4.037E+04	-8.282E+02	-2.497E+03	4.288E-01	-3.131E+00	1.628E+00	-6.711E+02	-4.053E+04	1.634E+00
260	3	4	-3.117E+00	4.165E-01	-2.045E-01	-4.038E+04	-8.283E+02	-2.499E+03	4.283E-01	-3.129E+00	1.628E+00	-6.710E+02	-4.053E+04	1.634E+00
260	3	5	-2.820E+00	3.467E-01	-2.952E-01	-4.060E+04	-8.131E+02	-2.616E+03	3.740E-01	-2.847E+00	1.663E+00	-6.418E+02	-4.077E+04	1.636E+00
260	3	6	-2.817E+00	3.462E-01	-2.960E-01	-4.060E+04	-8.132E+02	-2.618E+03	3.737E-01	-2.845E+00	1.663E+00	-6.418E+02	-4.077E+04	1.636E+00
260	3	7	-3.127E+00	4.165E-01	-2.022E-01	-4.037E+04	-8.274E+02	-2.501E+03	4.280E-01	-3.138E+00	1.628E+00	-6.698E+02	-4.053E+04	1.634E+00
260	3	8	-3.124E+00	4.160E-01	-2.030E-01	-4.038E+04	-8.275E+02	-2.502E+03	4.276E-01	-3.135E+00	1.628E+00	-6.698E+02	-4.053E+04	1.634E+00
260	3	9	-2.928E-03	-3.923E-01	2.063E-01	-3.994E+04	-1.342E+02	-3.397E+03	8.605E-02	-4.813E-01	4.072E-01	1.536E+02	-4.023E+04	1.655E+00
260	3	10	-5.899E-05	-3.928E-01	2.055E-01	-3.995E+04	-1.343E+02	-3.398E+03	8.778E-02	-4.807E-01	4.040E-01	1.537E+02	-4.023E+04	1.655E+00
260	3	11	-3.094E-01	-3.225E-01	2.993E-01	-3.972E+04	-1.484E+02	-3.282E+03	-1.661E-02	-6.154E-01	7.745E-01	1.219E+02	-3.999E+04	1.653E+00
260	3	12	-3.066E-01	-3.231E-01	2.985E-01	-3.972E+04	-1.485E+02	-3.283E+03	-1.623E-02	-6.134E-01	7.716E-01	1.220E+02	-3.999E+04	1.653E+00
260	3	13	-9.926E-03	-3.928E-01	2.078E-01	-3.994E+04	-1.334E+02	-3.401E+03	8.119E-02	-4.840E-01	4.132E-01	1.550E+02	-4.023E+04	1.655E+00
260	3	14	-7.057E-03	-3.934E-01	2.070E-01	-3.994E+04	-1.335E+02	-3.402E+03	8.290E-02	-4.833E-01	4.100E-01	1.551E+02	-4.023E+04	1.655E+00
260	3	15	-3.164E-01	-3.231E-01	3.008E-01	-3.972E+04	-1.476E+02	-3.285E+03	-1.892E-02	-6.206E-01	7.799E-01	1.233E+02	-3.999E+04	1.653E+00
260	3	16	-3.136E-01	-3.236E-01	3.000E-01	-3.972E+04	-1.477E+02	-3.287E+03	-1.856E-02	-6.186E-01	7.770E-01	1.234E+02	-3.999E+04	1.653E+00
260	4	1	-2.411E+00	4.030E-01	4.239E-01	-2.612E+04	-3.886E+03	6.312E+02	4.655E-01	-2.473E+00	1.424E+00	-3.868E+03	-2.614E+04	1.542E+00
260	4	2	-2.408E+00	4.017E-01	4.229E-01	-2.612E+04	-3.886E+03	6.294E+02	4.639E-01	-2.470E+00	1.425E+00	-3.868E+03	-2.614E+04	1.543E+00
260	4	3	-2.691E+00	5.606E-01	5.577E-01	-2.581E+04	-3.919E+03	7.882E+02	6.536E-01	-2.784E+00	1.406E+00	-3.891E+03	-2.584E+04	1.535E+00
260	4	4	-2.689E+00	5.593E-01	5.566E-01	-2.581E+04	-3.919E+03	7.864E+02	6.520E-01	-2.781E+00	1.406E+00	-3.891E+03	-2.584E+04	1.535E+00
260	4	5	-2.418E+00	4.032E-01	4.251E-01	-2.611E+04	-3.887E+03	6.271E+02	4.658E-01	-2.481E+00	1.424E+00	-3.869E+03	-2.613E+04	1.543E+00
260	4	6	-2.415E+00	4.018E-01	4.240E-01	-2.612E+04	-3.886E+03	6.254E+02	4.643E-01	-2.478E+00	1.425E+00	-3.869E+03	-2.613E+04	1.543E+00
260	4	7	-2.698E+00	5.608E-01	5.588E-01	-2.581E+04	-3.920E+03	7.841E+02	6.539E-01	-2.791E+00	1.406E+00	-3.892E+03	-2.583E+04	1.535E+00
260	4	8	-2.696E+00	5.594E-01	5.578E-01	-2.581E+04	-3.919E+03	7.823E+02	6.523E-01	-2.789E+00	1.406E+00	-3.892E+03	-2.584E+04	1.535E+00
260	4	9	-4.559E-01	-4.448E-01	-6.158E-01	-2.601E+04	-3.706E+03	-5.102E+02	1.655E-01	-1.066E+00	2.352E+00	-3.694E+03	-2.602E+04	1.594E+00
260	4	10	-4.532E-01	-4.462E-01	-6.169E-01	-2.601E+04	-3.706E+03	-5.119E+02	1.672E-01	-1.067E+00	2.353E+00	-3.694E+03	-2.602E+04	1.594E+00
260	4	11	-7.362E-01	-2.872E-01	-4.820E-01	-2.570E+04	-3.739E+03	-3.532E+02	2.003E-02	-1.043E+00	2.138E+00	-3.734E+03	-2.571E+04	1.587E+00
260	4	12	-7.336E-01	-2.886E-01	-4.831E-01	-2.570E+04	-3.739E+03	-3.549E+02	2.080E-02	-1.043E+00	2.140E+00	-3.733E+03	-2.571E+04	1.587E+00
260	4	13	-4.630E-01	-4.446E-01	-6.146E-01	-2.600E+04	-3.706E+03	-5.142E+02	1.609E-01	-1.069E+00	2.349E+00	-3.695E+03	-2.602E+04	1.594E+00
260	4	14	-4.604E-01	-4.460E-01	-6.157E-01	-2.601E+04	-3.706E+03	-5.160E+02	1.626E-01	-1.069E+00	2.350E+00	-3.694E+03	-2.602E+04	1.594E+00
260	4	15	-7.434E-01	-2.871E-01	-4.809E-01	-2.570E+04	-3.740E+03	-3.572E+02	1.706E-02	-1.047E+00	2.135E+00	-3.734E+03	-2.570E+04	1.587E+00
260	4	16	-7.407E-01	-2.884E-01	-4.819E-01	-2.570E+04	-3.739E+03	-3.590E+02	1.782E-02	-1.047E+00	2.137E+00	-3.734E+03	-2.571E+04	1.587E+00
261	1	1	2.631E-01	-2.576E+00	-9.835E-01	2.010E+03	-1.252E+04	3.486E+02	5.705E-01	-2.884E+00	-3.029E-01	2.018E+03	-1.252E+04	2.398E-02
261	1	2	2.630E-01	-2.563E+00	-9.815E-01	2.009E+03	-1.252E+04	3.485E+02	5.704E-01	-2.870E+00	-3.036E-01	2.017E+03	-1.253E+04	2.396E-02
261	1	3	1.667E-01	-3.375E+00	-1.440E+00	2.052E+03	-1.228E+04	2.846E+02	6.786E-01	-3.886E+00	-3.414E-01	2.058E+03	-1.229E+04	1.985E-02
261	1	4	1.667E-01	-3.361E+00	-1.438E+00	2.051E+03	-1.228E+04	2.845E+02	6.787E-01	-3.873E+00	-3.420E-01	2.057E+03	-1.229E+04	1.983E-02
261	1	5	2.638E-01	-2.552E+00	-9.793E-01	2.008E+03	-1.252E+04	3.495E+02	5.708E-01	-2.859E+00	-3.039E-01	2.017E+03	-1.253E+04	2.403E-02

261	1	6	2.637E-01	-2.539E+00	-9.772E-01	2.007E+03	-1.253E+04	3.494E+02	5.708E-01	-2.846E+00	-3.045E-01	2.016E+03	-1.254E+04	2.402E-02
261	1	7	1.674E-01	-3.350E+00	-1.436E+00	2.051E+03	-1.229E+04	2.855E+02	6.792E-01	-3.862E+00	-3.423E-01	2.056E+03	-1.229E+04	1.990E-02
261	1	8	1.673E-01	-3.337E+00	-1.434E+00	2.050E+03	-1.229E+04	2.854E+02	6.794E-01	-3.849E+00	-3.430E-01	2.056E+03	-1.230E+04	1.989E-02
261	1	9	-3.787E-01	-1.932E+00	1.686E+00	2.096E+03	-1.135E+04	9.012E+01	7.007E-01	-3.012E+00	5.695E-01	2.097E+03	-1.135E+04	6.703E-03
261	1	10	-3.788E-01	-1.919E+00	1.688E+00	2.095E+03	-1.135E+04	9.001E+01	7.065E-01	-3.004E+00	5.714E-01	2.096E+03	-1.135E+04	6.694E-03
261	1	11	-4.750E-01	-2.730E+00	1.229E+00	2.138E+03	-1.111E+04	2.616E+01	6.523E-02	-3.271E+00	4.142E-01	2.138E+03	-1.111E+04	1.974E-03
261	1	12	-4.751E-01	-2.717E+00	1.231E+00	2.138E+03	-1.112E+04	2.605E+01	6.888E-02	-3.261E+00	4.161E-01	2.138E+03	-1.112E+04	1.966E-03
261	1	13	-3.780E-01	-1.908E+00	1.690E+00	2.095E+03	-1.135E+04	9.104E+01	7.121E-01	-2.998E+00	5.729E-01	2.095E+03	-1.135E+04	6.769E-03
261	1	14	-3.781E-01	-1.894E+00	1.692E+00	2.094E+03	-1.136E+04	9.093E+01	7.179E-01	-2.990E+00	5.748E-01	2.094E+03	-1.136E+04	6.760E-03
261	1	15	-4.743E-01	-2.706E+00	1.233E+00	2.137E+03	-1.112E+04	2.708E+01	7.289E-02	-3.253E+00	4.176E-01	2.137E+03	-1.112E+04	2.043E-03
261	1	16	-4.744E-01	-2.693E+00	1.235E+00	2.136E+03	-1.112E+04	2.697E+01	7.658E-02	-3.244E+00	4.196E-01	2.136E+03	-1.112E+04	2.034E-03
261	2	1	-1.624E-01	-3.388E+00	-1.425E+00	4.453E+03	-4.425E+03	1.326E+03	3.768E-01	-3.927E+00	-3.618E-01	4.646E+03	-4.619E+03	1.451E-01
261	2	2	-1.634E-01	-3.369E+00	-1.421E+00	4.451E+03	-4.432E+03	1.326E+03	3.756E-01	-3.908E+00	-3.626E-01	4.644E+03	-4.626E+03	1.451E-01
261	2	3	-1.960E-02	-4.514E+00	-2.018E+00	4.655E+03	-4.024E+03	1.476E+03	7.536E-01	-5.287E+00	-3.659E-01	4.899E+03	-4.268E+03	1.639E-01
261	2	4	-2.057E-02	-4.495E+00	-2.014E+00	4.653E+03	-4.031E+03	1.476E+03	7.524E-01	-5.268E+00	-3.665E-01	4.897E+03	-4.275E+03	1.638E-01
261	2	5	-1.632E-01	-3.358E+00	-1.418E+00	4.451E+03	-4.435E+03	1.327E+03	3.757E-01	-3.897E+00	-3.631E-01	4.645E+03	-4.629E+03	1.452E-01
261	2	6	-1.642E-01	-3.338E+00	-1.414E+00	4.449E+03	-4.441E+03	1.327E+03	3.745E-01	-3.877E+00	-3.639E-01	4.643E+03	-4.635E+03	1.451E-01
261	2	7	-2.034E-02	-4.484E+00	-2.012E+00	4.653E+03	-4.033E+03	1.477E+03	7.526E-01	-5.257E+00	-3.668E-01	4.897E+03	-4.278E+03	1.639E-01
261	2	8	-2.130E-02	-4.464E+00	-2.008E+00	4.651E+03	-4.040E+03	1.477E+03	7.514E-01	-5.237E+00	-3.674E-01	4.895E+03	-4.284E+03	1.638E-01
261	2	9	8.272E-01	-2.960E+00	1.678E+00	3.539E+03	-4.722E+03	4.979E+02	1.463E+00	-3.596E+00	3.625E-01	3.568E+03	-4.751E+03	5.999E-02
261	2	10	8.262E-01	-2.941E+00	1.682E+00	3.537E+03	-4.728E+03	4.977E+02	1.468E+00	-3.582E+00	3.644E-01	3.567E+03	-4.758E+03	5.994E-02
261	2	11	9.700E-01	-4.086E+00	1.084E+00	3.741E+03	-4.320E+03	6.476E+02	1.193E+00	-4.309E+00	2.026E-01	3.792E+03	-4.372E+03	7.965E-02
261	2	12	9.691E-01	-4.067E+00	1.088E+00	3.739E+03	-4.327E+03	6.474E+02	1.194E+00	-4.292E+00	2.040E-01	3.791E+03	-4.379E+03	7.958E-02
261	2	13	8.265E-01	-2.930E+00	1.684E+00	3.537E+03	-4.731E+03	4.993E+02	1.471E+00	-3.574E+00	3.655E-01	3.567E+03	-4.761E+03	6.011E-02
261	2	14	8.255E-01	-2.910E+00	1.688E+00	3.535E+03	-4.737E+03	4.991E+02	1.475E+00	-3.560E+00	3.674E-01	3.565E+03	-4.767E+03	6.005E-02
261	2	15	9.693E-01	-4.056E+00	1.091E+00	3.739E+03	-4.330E+03	6.490E+02	1.196E+00	-4.282E+00	2.048E-01	3.791E+03	-4.381E+03	7.975E-02
261	2	16	9.683E-01	-4.036E+00	1.095E+00	3.737E+03	-4.336E+03	6.488E+02	1.197E+00	-4.265E+00	2.062E-01	3.789E+03	-4.388E+03	7.968E-02
261	3	1	-8.385E-01	-2.302E+00	-1.638E+00	2.586E+03	1.962E+03	1.193E+03	2.233E-01	-3.364E+00	-5.753E-01	3.506E+03	1.041E+03	6.574E-01
261	3	2	-8.368E-01	-2.289E+00	-1.632E+00	2.585E+03	1.955E+03	1.191E+03	2.229E-01	-3.349E+00	-5.760E-01	3.502E+03	1.038E+03	6.563E-01
261	3	3	-1.292E+00	-3.029E+00	-2.263E+00	2.754E+03	2.424E+03	1.318E+03	2.641E-01	-4.584E+00	-6.022E-01	3.918E+03	1.260E+03	7.232E-01
261	3	4	-1.290E+00	-3.015E+00	-2.257E+00	2.753E+03	2.418E+03	1.317E+03	2.639E-01	-4.569E+00	-6.029E-01	3.913E+03	1.258E+03	7.222E-01
261	3	5	-8.370E-01	-2.278E+00	-1.629E+00	2.585E+03	1.953E+03	1.192E+03	2.239E-01	-3.339E+00	-5.772E-01	3.502E+03	1.036E+03	6.559E-01
261	3	6	-8.353E-01	-2.265E+00	-1.623E+00	2.584E+03	1.947E+03	1.191E+03	2.235E-01	-3.324E+00	-5.780E-01	3.498E+03	1.033E+03	6.548E-01
261	3	7	-1.290E+00	-3.005E+00	-2.255E+00	2.753E+03	2.416E+03	1.318E+03	2.651E-01	-4.560E+00	-6.038E-01	3.913E+03	1.256E+03	7.218E-01
261	3	8	-1.289E+00	-2.991E+00	-2.249E+00	2.752E+03	2.410E+03	1.317E+03	2.649E-01	-4.545E+00	-6.045E-01	3.909E+03	1.253E+03	7.208E-01
261	3	9	1.897E+00	-2.476E+00	1.158E+00	1.736E+03	7.300E+02	7.194E+02	2.184E+00	-2.764E+00	2.435E-01	2.111E+03	3.551E+02	4.804E-01
261	3	10	1.898E+00	-2.463E+00	1.164E+00	1.735E+03	7.237E+02	7.183E+02	2.189E+00	-2.754E+00	2.451E-01	2.107E+03	3.508E+02	4.788E-01
261	3	11	1.443E+00	-3.202E+00	5.319E-01	1.904E+03	1.193E+03	8.452E+02	1.503E+00	-3.262E+00	1.126E-01	2.465E+03	6.312E+02	5.862E-01
261	3	12	1.445E+00	-3.189E+00	5.379E-01	1.903E+03	1.186E+03	8.441E+02	1.507E+00	-3.251E+00	1.140E-01	2.462E+03	6.275E+02	5.847E-01
261	3	13	1.898E+00	-2.452E+00	1.166E+00	1.735E+03	7.218E+02	7.187E+02	2.191E+00	-2.745E+00	2.461E-01	2.108E+03	3.491E+02	4.784E-01
261	3	14	1.900E+00	-2.439E+00	1.172E+00	1.734E+03	7.155E+02	7.176E+02	2.196E+00	-2.735E+00	2.477E-01	2.105E+03	3.448E+02	4.769E-01
261	3	15	1.445E+00	-3.178E+00	5.402E-01	1.903E+03	1.184E+03	8.446E+02	1.507E+00	-3.241E+00	1.148E-01	2.462E+03	6.259E+02	5.843E-01
261	3	16	1.447E+00	-3.165E+00	5.462E-01	1.902E+03	1.178E+03	8.435E+02	1.510E+00	-3.229E+00	1.163E-01	2.458E+03	6.222E+02	5.828E-01

261	4	1	-6.294E-01	-1.492E+00	-1.203E+00	4.699E+02	-6.332E+03	1.810E+03	2.172E-01	-2.338E+00	-6.133E-01	9.216E+02	-6.784E+03	2.446E-01
261	4	2	-6.268E-01	-1.484E+00	-1.199E+00	4.707E+02	-6.337E+03	1.810E+03	2.178E-01	-2.329E+00	-6.137E-01	9.220E+02	-6.788E+03	2.444E-01
261	4	3	-8.891E-01	-1.888E+00	-1.679E+00	4.098E+02	-6.075E+03	1.902E+03	3.632E-01	-3.140E+00	-6.408E-01	9.263E+02	-6.591E+03	2.652E-01
261	4	4	-8.865E-01	-1.881E+00	-1.675E+00	4.106E+02	-6.079E+03	1.901E+03	3.639E-01	-3.131E+00	-6.412E-01	9.266E+02	-6.595E+03	2.650E-01
261	4	5	-6.265E-01	-1.474E+00	-1.197E+00	4.709E+02	-6.339E+03	1.811E+03	2.193E-01	-2.320E+00	-6.153E-01	9.226E+02	-6.790E+03	2.444E-01
261	4	6	-6.239E-01	-1.466E+00	-1.193E+00	4.716E+02	-6.343E+03	1.811E+03	2.199E-01	-2.310E+00	-6.156E-01	9.230E+02	-6.795E+03	2.443E-01
261	4	7	-8.861E-01	-1.870E+00	-1.673E+00	4.107E+02	-6.081E+03	1.903E+03	3.656E-01	-3.122E+00	-6.424E-01	9.272E+02	-6.598E+03	2.651E-01
261	4	8	-8.835E-01	-1.863E+00	-1.669E+00	4.115E+02	-6.086E+03	1.902E+03	3.662E-01	-3.112E+00	-6.427E-01	9.276E+02	-6.602E+03	2.649E-01
261	4	9	4.742E-01	-1.449E+00	1.159E+00	6.853E+02	-6.148E+03	1.340E+03	1.019E+00	-1.994E+00	4.392E-01	9.388E+02	-6.402E+03	1.869E-01
261	4	10	4.768E-01	-1.442E+00	1.163E+00	6.861E+02	-6.153E+03	1.340E+03	1.025E+00	-1.990E+00	4.406E-01	9.393E+02	-6.406E+03	1.868E-01
261	4	11	2.146E-01	-1.846E+00	6.832E-01	6.252E+02	-5.891E+03	1.432E+03	4.206E-01	-2.052E+00	2.928E-01	9.258E+02	-6.192E+03	2.070E-01
261	4	12	2.172E-01	-1.838E+00	6.870E-01	6.260E+02	-5.895E+03	1.431E+03	4.257E-01	-2.047E+00	2.946E-01	9.263E+02	-6.196E+03	2.068E-01
261	4	13	4.772E-01	-1.431E+00	1.166E+00	6.863E+02	-6.155E+03	1.341E+03	1.029E+00	-1.984E+00	4.424E-01	9.398E+02	-6.408E+03	1.868E-01
261	4	14	4.798E-01	-1.424E+00	1.169E+00	6.870E+02	-6.159E+03	1.341E+03	1.036E+00	-1.980E+00	4.438E-01	9.403E+02	-6.413E+03	1.867E-01
261	4	15	2.175E-01	-1.828E+00	6.894E-01	6.261E+02	-5.897E+03	1.433E+03	4.282E-01	-2.038E+00	2.966E-01	9.269E+02	-6.198E+03	2.069E-01
261	4	16	2.201E-01	-1.820E+00	6.932E-01	6.269E+02	-5.902E+03	1.432E+03	4.333E-01	-2.034E+00	2.984E-01	9.274E+02	-6.202E+03	2.068E-01
262	1	1	9.939E-01	-1.188E+00	4.421E-02	-4.688E+03	-8.902E+03	1.998E+03	9.948E-01	-1.189E+00	2.025E-02	-3.891E+03	-9.698E+03	3.794E-01
262	1	2	9.892E-01	-1.179E+00	4.127E-02	-4.688E+03	-8.906E+03	1.998E+03	9.900E-01	-1.180E+00	1.902E-02	-3.892E+03	-9.702E+03	3.792E-01
262	1	3	1.549E+00	-1.672E+00	3.312E-01	-4.645E+03	-8.577E+03	1.971E+03	1.582E+00	-1.706E+00	1.014E-01	-3.827E+03	-9.395E+03	3.934E-01
262	1	4	1.544E+00	-1.663E+00	3.283E-01	-4.645E+03	-8.581E+03	1.972E+03	1.577E+00	-1.696E+00	1.010E-01	-3.827E+03	-9.399E+03	3.932E-01
262	1	5	9.924E-01	-1.173E+00	3.731E-02	-4.688E+03	-8.906E+03	1.999E+03	9.930E-01	-1.174E+00	1.722E-02	-3.891E+03	-9.703E+03	3.793E-01
262	1	6	9.877E-01	-1.164E+00	3.438E-02	-4.688E+03	-8.910E+03	1.999E+03	9.883E-01	-1.164E+00	1.597E-02	-3.892E+03	-9.707E+03	3.791E-01
262	1	7	1.547E+00	-1.656E+00	3.243E-01	-4.645E+03	-8.581E+03	1.973E+03	1.580E+00	-1.689E+00	9.988E-02	-3.827E+03	-9.400E+03	3.933E-01
262	1	8	1.542E+00	-1.647E+00	3.214E-01	-4.645E+03	-8.585E+03	1.973E+03	1.575E+00	-1.679E+00	9.942E-02	-3.827E+03	-9.404E+03	3.931E-01
262	1	9	-2.169E+00	-2.214E+00	1.503E+00	-4.145E+03	-9.751E+03	1.975E+03	-6.883E-01	-3.695E+00	7.779E-01	-3.519E+03	-1.038E+04	3.069E-01
262	1	10	-2.174E+00	-2.205E+00	1.500E+00	-4.145E+03	-9.755E+03	1.975E+03	-6.891E-01	-3.690E+00	7.802E-01	-3.519E+03	-1.038E+04	3.068E-01
262	1	11	-1.614E+00	-2.698E+00	1.790E+00	-4.102E+03	-9.426E+03	1.949E+03	-2.857E-01	-4.026E+00	6.385E-01	-3.465E+03	-1.006E+04	3.160E-01
262	1	12	-1.619E+00	-2.689E+00	1.787E+00	-4.102E+03	-9.430E+03	1.949E+03	-2.883E-01	-4.019E+00	6.400E-01	-3.465E+03	-1.007E+04	3.158E-01
262	1	13	-2.171E+00	-2.199E+00	1.496E+00	-4.145E+03	-9.755E+03	1.976E+03	-6.883E-01	-3.681E+00	7.807E-01	-3.519E+03	-1.038E+04	3.069E-01
262	1	14	-2.175E+00	-2.190E+00	1.493E+00	-4.145E+03	-9.759E+03	1.977E+03	-6.891E-01	-3.676E+00	7.830E-01	-3.519E+03	-1.039E+04	3.068E-01
262	1	15	-1.616E+00	-2.682E+00	1.783E+00	-4.102E+03	-9.430E+03	1.950E+03	-2.877E-01	-4.010E+00	6.401E-01	-3.465E+03	-1.007E+04	3.159E-01
262	1	16	-1.621E+00	-2.673E+00	1.780E+00	-4.103E+03	-9.435E+03	1.950E+03	-2.903E-01	-4.003E+00	6.417E-01	-3.465E+03	-1.007E+04	3.158E-01
262	2	1	1.743E+00	-6.868E-04	1.063E+00	-8.304E+03	-7.288E+03	5.218E+02	2.246E+00	-5.036E-01	4.419E-01	-7.068E+03	-8.524E+03	1.171E+00
262	2	2	1.736E+00	-2.596E-04	1.058E+00	-8.304E+03	-7.290E+03	5.226E+02	2.237E+00	-5.003E-01	4.419E-01	-7.069E+03	-8.525E+03	1.170E+00
262	2	3	2.648E+00	-7.333E-02	1.343E+00	-8.356E+03	-7.151E+03	4.921E+02	3.200E+00	-6.248E-01	3.895E-01	-6.976E+03	-8.532E+03	1.228E+00
262	2	4	2.642E+00	-7.238E-02	1.339E+00	-8.356E+03	-7.153E+03	4.928E+02	3.191E+00	-6.216E-01	3.893E-01	-6.977E+03	-8.532E+03	1.227E+00
262	2	5	1.741E+00	1.961E-04	1.056E+00	-8.303E+03	-7.288E+03	5.247E+02	2.239E+00	-4.977E-01	4.407E-01	-7.066E+03	-8.525E+03	1.170E+00
262	2	6	1.735E+00	1.143E-03	1.051E+00	-8.303E+03	-7.290E+03	5.254E+02	2.230E+00	-4.945E-01	4.406E-01	-7.067E+03	-8.526E+03	1.169E+00
262	2	7	2.647E+00	-7.244E-02	1.336E+00	-8.355E+03	-7.151E+03	4.949E+02	3.194E+00	-6.193E-01	3.884E-01	-6.974E+03	-8.532E+03	1.227E+00
262	2	8	2.640E+00	-7.150E-02	1.332E+00	-8.355E+03	-7.153E+03	4.957E+02	3.185E+00	-6.161E-01	3.882E-01	-6.975E+03	-8.533E+03	1.226E+00
262	2	9	-3.638E+00	3.613E-01	8.170E-02	-7.519E+03	-7.272E+03	7.636E+02	3.630E-01	-3.640E+00	1.550E+00	-6.622E+03	-8.169E+03	8.656E-01
262	2	10	-3.645E+00	3.623E-01	7.699E-02	-7.519E+03	-7.274E+03	7.643E+02	3.638E-01	-3.646E+00	1.552E+00	-6.622E+03	-8.170E+03	8.649E-01
262	2	11	-2.733E+00	2.887E-01	3.623E-01	-7.571E+03	-7.135E+03	7.338E+02	3.315E-01	-2.776E+00	1.453E+00	-6.587E+03	-8.118E+03	9.299E-01



263	1	7	1.458E+00	-1.321E+00	1.056E+00	-4.683E+03	-8.501E+03	-2.070E+03	1.813E+00	-1.677E+00	3.250E-01	-3.776E+03	-9.408E+03	-4.129E-01
263	1	8	1.452E+00	-1.316E+00	1.056E+00	-4.683E+03	-8.505E+03	-2.070E+03	1.809E+00	-1.673E+00	3.259E-01	-3.777E+03	-9.411E+03	-4.127E-01
263	1	9	-2.080E+00	-2.611E+00	-2.913E+00	-4.078E+03	-9.855E+03	-2.019E+03	5.789E-01	-5.270E+00	-7.400E-01	-3.442E+03	-1.049E+04	-3.050E-01
263	1	10	-2.085E+00	-2.606E+00	-2.912E+00	-4.078E+03	-9.859E+03	-2.019E+03	5.782E-01	-5.270E+00	-7.408E-01	-3.443E+03	-1.049E+04	-3.049E-01
263	1	11	-1.540E+00	-3.125E+00	-2.694E+00	-4.040E+03	-9.511E+03	-2.001E+03	4.761E-01	-5.141E+00	-6.424E-01	-3.386E+03	-1.016E+04	-3.157E-01
263	1	12	-1.545E+00	-3.120E+00	-2.694E+00	-4.040E+03	-9.515E+03	-2.000E+03	4.745E-01	-5.139E+00	-6.432E-01	-3.387E+03	-1.017E+04	-3.155E-01
263	1	13	-2.085E+00	-2.629E+00	-2.924E+00	-4.077E+03	-9.852E+03	-2.017E+03	5.797E-01	-5.293E+00	-7.390E-01	-3.442E+03	-1.049E+04	-3.049E-01
263	1	14	-2.090E+00	-2.624E+00	-2.924E+00	-4.077E+03	-9.856E+03	-2.017E+03	5.790E-01	-5.293E+00	-7.399E-01	-3.442E+03	-1.049E+04	-3.047E-01
263	1	15	-1.544E+00	-3.143E+00	-2.706E+00	-4.039E+03	-9.508E+03	-1.999E+03	4.778E-01	-5.165E+00	-6.418E-01	-3.386E+03	-1.016E+04	-3.156E-01
263	1	16	-1.550E+00	-3.138E+00	-2.706E+00	-4.039E+03	-9.512E+03	-1.999E+03	4.761E-01	-5.163E+00	-6.427E-01	-3.386E+03	-1.016E+04	-3.154E-01
263	2	1	2.187E+00	-2.766E+00	2.276E+00	-1.237E+03	-6.557E+03	-2.545E+03	3.073E+00	-3.653E+00	3.716E-01	-2.155E+02	-7.578E+03	-3.816E-01
263	2	2	2.179E+00	-2.754E+00	2.273E+00	-1.236E+03	-6.561E+03	-2.544E+03	3.066E+00	-3.642E+00	3.723E-01	-2.165E+02	-7.581E+03	-3.813E-01
263	2	3	3.047E+00	-3.897E+00	2.778E+00	-1.357E+03	-6.135E+03	-2.647E+03	4.021E+00	-4.872E+00	3.374E-01	-1.809E+02	-7.311E+03	-4.183E-01
263	2	4	3.039E+00	-3.885E+00	2.775E+00	-1.357E+03	-6.140E+03	-2.646E+03	4.014E+00	-4.861E+00	3.379E-01	-1.821E+02	-7.314E+03	-4.179E-01
263	2	5	2.178E+00	-2.798E+00	2.259E+00	-1.234E+03	-6.547E+03	-2.542E+03	3.050E+00	-3.670E+00	3.686E-01	-2.138E+02	-7.567E+03	-3.816E-01
263	2	6	2.170E+00	-2.786E+00	2.256E+00	-1.233E+03	-6.552E+03	-2.541E+03	3.043E+00	-3.660E+00	3.693E-01	-2.148E+02	-7.571E+03	-3.813E-01
263	2	7	3.037E+00	-3.929E+00	2.762E+00	-1.354E+03	-6.126E+03	-2.644E+03	3.999E+00	-4.891E+00	3.352E-01	-1.792E+02	-7.301E+03	-4.183E-01
263	2	8	3.030E+00	-3.917E+00	2.759E+00	-1.354E+03	-6.130E+03	-2.643E+03	3.992E+00	-4.879E+00	3.356E-01	-1.804E+02	-7.304E+03	-4.180E-01
263	2	9	-4.046E+00	-3.897E+00	-5.039E+00	3.286E+02	-6.342E+03	-1.438E+03	1.069E+00	-9.011E+00	2.349E+00	6.254E+02	-6.639E+03	-2.035E-01
263	2	10	-4.053E+00	-3.885E+00	-5.042E+00	3.290E+02	-6.347E+03	-1.437E+03	1.073E+00	-9.012E+00	2.348E+00	6.252E+02	-6.643E+03	-2.033E-01
263	2	11	-3.186E+00	-5.028E+00	-4.537E+00	2.078E+02	-5.920E+03	-1.540E+03	5.226E-01	-8.736E+00	-6.853E-01	5.731E+02	-6.285E+03	-2.329E-01
263	2	12	-3.194E+00	-5.016E+00	-4.540E+00	2.082E+02	-5.925E+03	-1.539E+03	5.252E-01	-8.735E+00	-6.863E-01	5.728E+02	-6.289E+03	-2.326E-01
263	2	13	-4.055E+00	-3.928E+00	-5.056E+00	3.315E+02	-6.333E+03	-1.435E+03	1.065E+00	-9.048E+00	2.350E+00	6.274E+02	-6.629E+03	-2.033E-01
263	2	14	-4.063E+00	-3.917E+00	-5.058E+00	3.319E+02	-6.337E+03	-1.434E+03	1.069E+00	-9.049E+00	2.349E+00	6.272E+02	-6.632E+03	-2.031E-01
263	2	15	-3.195E+00	-5.059E+00	-4.553E+00	2.107E+02	-5.911E+03	-1.537E+03	5.206E-01	-8.775E+00	-6.844E-01	5.750E+02	-6.275E+03	-2.327E-01
263	2	16	-3.203E+00	-5.048E+00	-4.556E+00	2.111E+02	-5.915E+03	-1.536E+03	5.232E-01	-8.774E+00	-6.855E-01	5.746E+02	-6.279E+03	-2.324E-01
263	3	1	3.452E+00	-1.906E+00	8.500E-01	-4.820E+03	-2.863E+03	-1.416E+03	3.583E+00	-2.038E+00	1.536E-01	-2.120E+03	-5.563E+03	2.054E+00
263	3	2	3.441E+00	-1.899E+00	8.502E-01	-4.820E+03	-2.865E+03	-1.417E+03	3.573E+00	-2.031E+00	1.541E-01	-2.121E+03	-5.563E+03	2.054E+00
263	3	3	4.634E+00	-2.611E+00	1.068E+00	-4.965E+03	-2.692E+03	-1.333E+03	4.788E+00	-2.765E+00	1.434E-01	-2.077E+03	-5.580E+03	2.003E+00
263	3	4	4.624E+00	-2.604E+00	1.068E+00	-4.964E+03	-2.694E+03	-1.333E+03	4.778E+00	-2.759E+00	1.437E-01	-2.078E+03	-5.580E+03	2.003E+00
263	3	5	3.438E+00	-1.920E+00	8.386E-01	-4.818E+03	-2.857E+03	-1.413E+03	3.566E+00	-2.048E+00	1.517E-01	-2.118E+03	-5.557E+03	2.053E+00
263	3	6	3.428E+00	-1.913E+00	8.388E-01	-4.818E+03	-2.859E+03	-1.413E+03	3.556E+00	-2.041E+00	1.522E-01	-2.119E+03	-5.558E+03	2.053E+00
263	3	7	4.620E+00	-2.625E+00	1.057E+00	-4.963E+03	-2.686E+03	-1.329E+03	4.771E+00	-2.776E+00	1.419E-01	-2.075E+03	-5.574E+03	2.002E+00
263	3	8	4.610E+00	-2.618E+00	1.057E+00	-4.962E+03	-2.688E+03	-1.329E+03	4.761E+00	-2.769E+00	1.423E-01	-2.076E+03	-5.575E+03	2.002E+00
263	3	9	-6.011E+00	-9.809E-01	-2.912E+00	-3.175E+03	-1.640E+03	-1.258E+03	3.517E-01	-7.343E+00	2.000E+00	-9.342E+02	-3.881E+03	2.082E+00
263	3	10	-6.021E+00	-9.735E-01	-2.911E+00	-3.174E+03	-1.642E+03	-1.258E+03	3.558E-01	-7.350E+00	1.999E+00	-9.351E+02	-3.881E+03	2.083E+00
263	3	11	-4.828E+00	-1.686E+00	-2.694E+00	-3.320E+03	-1.469E+03	-1.174E+03	-1.389E-01	-6.375E+00	2.092E+00	-8.999E+02	-3.889E+03	2.022E+00
263	3	12	-4.839E+00	-1.679E+00	-2.693E+00	-3.319E+03	-1.471E+03	-1.174E+03	-1.362E-01	-6.381E+00	2.091E+00	-9.009E+02	-3.889E+03	2.023E+00
263	3	13	-6.024E+00	-9.948E-01	-2.923E+00	-3.173E+03	-1.634E+03	-1.254E+03	3.464E-01	-7.365E+00	2.001E+00	-9.327E+02	-3.875E+03	2.081E+00
263	3	14	-6.034E+00	-9.875E-01	-2.923E+00	-3.173E+03	-1.636E+03	-1.254E+03	3.505E-01	-7.372E+00	2.000E+00	-9.335E+02	-3.875E+03	2.081E+00
263	3	15	-4.842E+00	-1.700E+00	-2.705E+00	-3.318E+03	-1.464E+03	-1.170E+03	-1.430E-01	-6.399E+00	2.093E+00	-8.979E+02	-3.884E+03	2.021E+00
263	3	16	-4.852E+00	-1.693E+00	-2.705E+00	-3.317E+03	-1.466E+03	-1.171E+03	-1.402E-01	-6.405E+00	2.092E+00	-8.989E+02	-3.884E+03	2.022E+00
263	4	1	2.188E+00	6.576E-02	-4.532E-01	-8.329E+03	-7.321E+03	5.533E+02	2.281E+00	-2.695E-02	-2.018E-01	-7.077E+03	-8.573E+03	1.155E+00

263	4	2	2.180E+00	6.649E-02	-4.501E-01	-8.329E+03	-7.323E+03	5.535E+02	2.272E+00	-2.537E-02	-2.013E-01	-7.078E+03	-8.574E+03	1.154E+00
263	4	3	3.048E+00	-1.297E-02	-7.655E-01	-8.272E+03	-7.183E+03	5.973E+02	3.229E+00	-1.937E-01	-2.319E-01	-6.919E+03	-8.536E+03	1.155E+00
263	4	4	3.041E+00	-1.225E-02	-7.624E-01	-8.272E+03	-7.185E+03	5.974E+02	3.220E+00	-1.921E-01	-2.316E-01	-6.921E+03	-8.536E+03	1.155E+00
263	4	5	2.179E+00	6.553E-02	-4.595E-01	-8.329E+03	-7.321E+03	5.559E+02	2.275E+00	-3.005E-02	-2.051E-01	-7.074E+03	-8.575E+03	1.154E+00
263	4	6	2.171E+00	6.626E-02	-4.565E-01	-8.328E+03	-7.322E+03	5.561E+02	2.266E+00	-2.846E-02	-2.046E-01	-7.076E+03	-8.575E+03	1.153E+00
263	4	7	3.039E+00	-1.320E-02	-7.718E-01	-8.272E+03	-7.182E+03	5.999E+02	3.223E+00	-1.973E-01	-2.341E-01	-6.917E+03	-8.537E+03	1.154E+00
263	4	8	3.032E+00	-1.248E-02	-7.688E-01	-8.272E+03	-7.184E+03	6.001E+02	3.215E+00	-1.956E-01	-2.339E-01	-6.918E+03	-8.538E+03	1.154E+00
263	4	9	-4.044E+00	3.002E-01	-6.618E-01	-7.604E+03	-7.228E+03	6.047E+02	3.987E-01	-4.142E+00	1.719E+00	-6.783E+03	-8.049E+03	9.362E-01
263	4	10	-4.051E+00	3.009E-01	-6.587E-01	-7.604E+03	-7.230E+03	6.049E+02	3.984E-01	-4.149E+00	1.718E+00	-6.784E+03	-8.050E+03	9.354E-01
263	4	11	-3.184E+00	2.214E-01	-9.741E-01	-7.547E+03	-7.089E+03	6.486E+02	4.804E-01	-3.443E+00	1.831E+00	-6.631E+03	-8.006E+03	9.551E-01
263	4	12	-3.191E+00	2.221E-01	-9.711E-01	-7.547E+03	-7.091E+03	6.488E+02	4.791E-01	-3.448E+00	1.829E+00	-6.632E+03	-8.007E+03	9.543E-01
263	4	13	-4.053E+00	2.999E-01	-6.681E-01	-7.604E+03	-7.227E+03	6.073E+02	4.002E-01	-4.153E+00	1.720E+00	-6.780E+03	-8.051E+03	9.357E-01
263	4	14	-4.060E+00	3.007E-01	-6.651E-01	-7.604E+03	-7.229E+03	6.075E+02	3.998E-01	-4.160E+00	1.719E+00	-6.781E+03	-8.052E+03	9.350E-01
263	4	15	-3.193E+00	2.212E-01	-9.805E-01	-7.547E+03	-7.089E+03	6.513E+02	4.827E-01	-3.454E+00	1.831E+00	-6.628E+03	-8.008E+03	9.546E-01
263	4	16	-3.200E+00	2.219E-01	-9.774E-01	-7.547E+03	-7.091E+03	6.515E+02	4.814E-01	-3.460E+00	1.830E+00	-6.629E+03	-8.009E+03	9.539E-01
264	1	1	3.562E-01	-2.662E+00	1.902E+00	2.012E+03	-1.297E+04	-4.054E+02	1.275E+00	-3.581E+00	4.500E-01	2.023E+03	-1.298E+04	-2.703E-02
264	1	2	3.558E-01	-2.654E+00	1.899E+00	2.011E+03	-1.297E+04	-4.049E+02	1.274E+00	-3.572E+00	4.503E-01	2.022E+03	-1.298E+04	-2.699E-02
264	1	3	4.405E-01	-3.552E+00	2.336E+00	2.057E+03	-1.274E+04	-4.520E+02	1.517E+00	-4.629E+00	4.319E-01	2.071E+03	-1.276E+04	-3.050E-02
264	1	4	4.401E-01	-3.543E+00	2.334E+00	2.056E+03	-1.274E+04	-4.515E+02	1.516E+00	-4.620E+00	4.321E-01	2.070E+03	-1.276E+04	-3.047E-02
264	1	5	3.541E-01	-2.685E+00	1.899E+00	2.013E+03	-1.296E+04	-4.035E+02	1.267E+00	-3.598E+00	4.480E-01	2.024E+03	-1.297E+04	-2.692E-02
264	1	6	3.536E-01	-2.676E+00	1.897E+00	2.013E+03	-1.296E+04	-4.030E+02	1.266E+00	-3.589E+00	4.484E-01	2.024E+03	-1.297E+04	-2.688E-02
264	1	7	4.384E-01	-3.575E+00	2.334E+00	2.059E+03	-1.273E+04	-4.501E+02	1.510E+00	-4.646E+00	4.304E-01	2.072E+03	-1.275E+04	-3.040E-02
264	1	8	4.379E-01	-3.566E+00	2.331E+00	2.058E+03	-1.273E+04	-4.496E+02	1.509E+00	-4.637E+00	4.306E-01	2.072E+03	-1.275E+04	-3.036E-02
264	1	9	-6.537E-01	-1.788E+00	-2.587E+00	2.138E+03	-1.099E+04	3.065E+01	1.428E+00	-3.870E+00	-6.775E-01	2.138E+03	-1.099E+04	2.335E-03
264	1	10	-6.542E-01	-1.780E+00	-2.590E+00	2.137E+03	-1.099E+04	3.115E+01	1.433E+00	-3.867E+00	-6.784E-01	2.137E+03	-1.099E+04	2.373E-03
264	1	11	-5.694E-01	-2.678E+00	-2.152E+00	2.183E+03	-1.076E+04	-1.596E+01	7.732E-01	-4.020E+00	-5.577E-01	2.183E+03	-1.076E+04	-1.234E-03
264	1	12	-5.699E-01	-2.669E+00	-2.155E+00	2.182E+03	-1.076E+04	-1.546E+01	7.778E-01	-4.017E+00	-5.588E-01	2.182E+03	-1.076E+04	-1.195E-03
264	1	13	-6.559E-01	-1.811E+00	-2.589E+00	2.139E+03	-1.098E+04	3.251E+01	1.420E+00	-3.886E+00	-6.757E-01	2.139E+03	-1.098E+04	2.479E-03
264	1	14	-6.563E-01	-1.802E+00	-2.592E+00	2.139E+03	-1.098E+04	3.301E+01	1.425E+00	-3.884E+00	-6.766E-01	2.139E+03	-1.098E+04	2.517E-03
264	1	15	-5.716E-01	-2.700E+00	-2.155E+00	2.185E+03	-1.075E+04	-1.410E+01	7.673E-01	-4.039E+00	-5.560E-01	2.185E+03	-1.075E+04	-1.090E-03
264	1	16	-5.720E-01	-2.692E+00	-2.157E+00	2.184E+03	-1.075E+04	-1.360E+01	7.719E-01	-4.036E+00	-5.571E-01	2.184E+03	-1.075E+04	-1.052E-03
264	2	1	-8.762E-01	-1.650E+00	1.947E+00	4.450E+02	-6.531E+03	-2.021E+03	7.221E-01	-3.248E+00	6.874E-01	9.881E+02	-7.074E+03	-2.626E-01
264	2	2	-8.735E-01	-1.646E+00	1.943E+00	4.456E+02	-6.534E+03	-2.020E+03	7.214E-01	-3.241E+00	6.873E-01	9.882E+02	-7.077E+03	-2.624E-01
264	2	3	-1.135E+00	-2.112E+00	2.423E+00	3.817E+02	-6.249E+03	-2.092E+03	8.484E-01	-4.095E+00	6.860E-01	9.867E+02	-6.854E+03	-2.815E-01
264	2	4	-1.132E+00	-2.108E+00	2.419E+00	3.823E+02	-6.252E+03	-2.092E+03	8.476E-01	-4.088E+00	6.859E-01	9.866E+02	-6.857E+03	-2.813E-01
264	2	5	-8.768E-01	-1.667E+00	1.948E+00	4.444E+02	-6.524E+03	-2.019E+03	7.155E-01	-3.259E+00	6.853E-01	9.870E+02	-7.067E+03	-2.626E-01
264	2	6	-8.741E-01	-1.663E+00	1.944E+00	4.451E+02	-6.527E+03	-2.018E+03	7.148E-01	-3.252E+00	6.853E-01	9.870E+02	-7.069E+03	-2.624E-01
264	2	7	-1.135E+00	-2.129E+00	2.423E+00	3.811E+02	-6.242E+03	-2.090E+03	8.417E-01	-4.106E+00	6.843E-01	9.855E+02	-6.847E+03	-2.815E-01
264	2	8	-1.133E+00	-2.125E+00	2.420E+00	3.818E+02	-6.245E+03	-2.089E+03	8.410E-01	-4.099E+00	6.843E-01	9.855E+02	-6.849E+03	-2.813E-01
264	2	9	7.203E-01	-1.248E+00	-1.903E+00	7.047E+02	-5.987E+03	-1.239E+03	1.879E+00	-2.406E+00	-5.468E-01	9.268E+02	-6.209E+03	-1.773E-01
264	2	10	7.230E-01	-1.244E+00	-1.907E+00	7.054E+02	-5.990E+03	-1.238E+03	1.885E+00	-2.406E+00	-5.474E-01	9.271E+02	-6.212E+03	-1.771E-01
264	2	11	4.616E-01	-1.709E+00	-1.427E+00	6.414E+02	-5.705E+03	-1.310E+03	1.169E+00	-2.417E+00	-4.603E-01	9.014E+02	-5.965E+03	-1.958E-01
264	2	12	4.642E-01	-1.706E+00	-1.431E+00	6.421E+02	-5.708E+03	-1.310E+03	1.175E+00	-2.417E+00	-4.611E-01	9.016E+02	-5.968E+03	-1.956E-01

264	2	13	7.198E-01	-1.265E+00	-1.903E+00	7.042E+02	-5.980E+03	-1.237E+03	1.873E+00	-2.418E+00	-5.451E-01	9.257E+02	-6.202E+03	-1.772E-01
264	2	14	7.224E-01	-1.261E+00	-1.907E+00	7.048E+02	-5.983E+03	-1.236E+03	1.880E+00	-2.418E+00	-5.456E-01	9.260E+02	-6.204E+03	-1.770E-01
264	2	15	4.610E-01	-1.727E+00	-1.427E+00	6.409E+02	-5.698E+03	-1.308E+03	1.165E+00	-2.431E+00	-4.584E-01	9.002E+02	-5.957E+03	-1.957E-01
264	2	16	4.637E-01	-1.723E+00	-1.431E+00	6.416E+02	-5.701E+03	-1.307E+03	1.171E+00	-2.430E+00	-4.592E-01	9.005E+02	-5.960E+03	-1.955E-01
264	3	1	-1.640E+00	-2.161E+00	2.426E+00	2.831E+03	2.131E+03	-1.337E+03	5.393E-01	-4.340E+00	7.319E-01	3.863E+03	1.099E+03	-6.574E-01
264	3	2	-1.637E+00	-2.153E+00	2.420E+00	2.829E+03	2.126E+03	-1.336E+03	5.388E-01	-4.328E+00	7.323E-01	3.859E+03	1.096E+03	-6.567E-01
264	3	3	-2.051E+00	-2.967E+00	3.060E+00	2.989E+03	2.624E+03	-1.465E+03	5.852E-01	-5.603E+00	7.111E-01	4.283E+03	1.331E+03	-7.234E-01
264	3	4	-2.048E+00	-2.959E+00	3.054E+00	2.988E+03	2.619E+03	-1.464E+03	5.846E-01	-5.591E+00	7.113E-01	4.279E+03	1.328E+03	-7.228E-01
264	3	5	-1.635E+00	-2.185E+00	2.427E+00	2.830E+03	2.137E+03	-1.338E+03	5.330E-01	-4.353E+00	7.290E-01	3.865E+03	1.101E+03	-6.587E-01
264	3	6	-1.632E+00	-2.177E+00	2.422E+00	2.828E+03	2.132E+03	-1.336E+03	5.325E-01	-4.342E+00	7.294E-01	3.861E+03	1.099E+03	-6.579E-01
264	3	7	-2.046E+00	-2.991E+00	3.062E+00	2.988E+03	2.630E+03	-1.465E+03	5.795E-01	-5.616E+00	7.088E-01	4.285E+03	1.333E+03	-7.246E-01
264	3	8	-2.043E+00	-2.983E+00	3.056E+00	2.987E+03	2.625E+03	-1.464E+03	5.789E-01	-5.605E+00	7.091E-01	4.281E+03	1.330E+03	-7.239E-01
264	3	9	2.665E+00	-2.574E+00	-1.951E+00	1.578E+03	6.639E+02	-6.393E+02	3.311E+00	-3.221E+00	-3.201E-01	1.907E+03	3.351E+02	-4.750E-01
264	3	10	2.668E+00	-2.566E+00	-1.957E+00	1.577E+03	6.586E+02	-6.380E+02	3.318E+00	-3.217E+00	-3.210E-01	1.904E+03	3.317E+02	-4.735E-01
264	3	11	2.254E+00	-3.380E+00	-1.317E+00	1.737E+03	1.157E+03	-7.670E+02	2.546E+00	-3.673E+00	-2.187E-01	2.267E+03	6.270E+02	-6.048E-01
264	3	12	2.257E+00	-3.372E+00	-1.323E+00	1.735E+03	1.152E+03	-7.656E+02	2.552E+00	-3.667E+00	-2.196E-01	2.263E+03	6.242E+02	-6.034E-01
264	3	13	2.669E+00	-2.598E+00	-1.949E+00	1.577E+03	6.696E+02	-6.399E+02	3.312E+00	-3.241E+00	-3.186E-01	1.908E+03	3.390E+02	-4.769E-01
264	3	14	2.672E+00	-2.590E+00	-1.955E+00	1.576E+03	6.643E+02	-6.385E+02	3.319E+00	-3.237E+00	-3.195E-01	1.904E+03	3.356E+02	-4.754E-01
264	3	15	2.259E+00	-3.404E+00	-1.315E+00	1.736E+03	1.163E+03	-7.675E+02	2.549E+00	-3.695E+00	-2.174E-01	2.268E+03	6.300E+02	-6.068E-01
264	3	16	2.262E+00	-3.396E+00	-1.321E+00	1.734E+03	1.157E+03	-7.661E+02	2.555E+00	-3.690E+00	-2.184E-01	2.264E+03	6.272E+02	-6.055E-01
264	4	1	-3.832E-01	-3.173E+00	2.386E+00	4.722E+03	-4.530E+03	-1.630E+03	9.857E-01	-4.542E+00	5.209E-01	5.001E+03	-4.809E+03	-1.694E-01
264	4	2	-3.832E-01	-3.160E+00	2.381E+00	4.720E+03	-4.535E+03	-1.629E+03	9.848E-01	-4.528E+00	5.215E-01	4.999E+03	-4.813E+03	-1.692E-01
264	4	3	-4.993E-01	-4.408E+00	2.967E+00	4.922E+03	-4.090E+03	-1.751E+03	1.100E+00	-6.007E+00	4.942E-01	5.250E+03	-4.418E+03	-1.853E-01
264	4	4	-4.993E-01	-4.395E+00	2.963E+00	4.920E+03	-4.094E+03	-1.749E+03	1.099E+00	-5.993E+00	4.946E-01	5.247E+03	-4.422E+03	-1.851E-01
264	4	5	-3.800E-01	-3.203E+00	2.385E+00	4.722E+03	-4.521E+03	-1.627E+03	9.799E-01	-4.563E+00	5.182E-01	5.000E+03	-4.799E+03	-1.692E-01
264	4	6	-3.801E-01	-3.190E+00	2.380E+00	4.720E+03	-4.526E+03	-1.625E+03	9.790E-01	-4.549E+00	5.188E-01	4.998E+03	-4.803E+03	-1.690E-01
264	4	7	-4.961E-01	-4.437E+00	2.967E+00	4.922E+03	-4.081E+03	-1.747E+03	1.095E+00	-6.028E+00	4.922E-01	5.249E+03	-4.408E+03	-1.851E-01
264	4	8	-4.962E-01	-4.425E+00	2.962E+00	4.920E+03	-4.085E+03	-1.746E+03	1.094E+00	-6.014E+00	4.926E-01	5.246E+03	-4.412E+03	-1.850E-01
264	4	9	1.315E+00	-3.114E+00	-2.629E+00	3.392E+03	-4.599E+03	-3.165E+02	2.538E+00	-4.337E+00	-4.354E-01	3.405E+03	-4.612E+03	-3.952E-02
264	4	10	1.315E+00	-3.101E+00	-2.634E+00	3.390E+03	-4.604E+03	-3.153E+02	2.544E+00	-4.330E+00	-4.366E-01	3.403E+03	-4.616E+03	-3.936E-02
264	4	11	1.199E+00	-4.349E+00	-2.048E+00	3.592E+03	-4.159E+03	-4.371E+02	1.873E+00	-5.023E+00	-3.180E-01	3.616E+03	-4.184E+03	-5.615E-02
264	4	12	1.199E+00	-4.336E+00	-2.052E+00	3.590E+03	-4.164E+03	-4.359E+02	1.877E+00	-5.014E+00	-3.191E-01	3.614E+03	-4.188E+03	-5.598E-02
264	4	13	1.318E+00	-3.144E+00	-2.630E+00	3.392E+03	-4.590E+03	-3.131E+02	2.536E+00	-4.362E+00	-4.337E-01	3.405E+03	-4.602E+03	-3.914E-02
264	4	14	1.318E+00	-3.131E+00	-2.635E+00	3.390E+03	-4.595E+03	-3.119E+02	2.542E+00	-4.355E+00	-4.348E-01	3.402E+03	-4.607E+03	-3.898E-02
264	4	15	1.202E+00	-4.379E+00	-2.049E+00	3.592E+03	-4.150E+03	-4.336E+02	1.873E+00	-5.050E+00	-3.167E-01	3.616E+03	-4.174E+03	-5.578E-02
264	4	16	1.202E+00	-4.366E+00	-2.053E+00	3.590E+03	-4.155E+03	-4.324E+02	1.877E+00	-5.041E+00	-3.177E-01	3.614E+03	-4.179E+03	-5.561E-02
265	1	1	-8.344E-01	2.389E-01	-1.206E-01	3.134E+03	2.690E+03	1.824E+03	2.523E-01	-8.478E-01	1.681E+00	4.749E+03	1.075E+03	7.249E-01
265	1	2	-8.346E-01	2.396E-01	-1.175E-01	3.133E+03	2.690E+03	1.822E+03	2.524E-01	-8.473E-01	1.679E+00	4.748E+03	1.076E+03	7.249E-01
265	1	3	-4.497E-01	7.135E-02	-3.743E-01	3.268E+03	2.825E+03	1.958E+03	2.668E-01	-6.452E-01	2.052E+00	5.016E+03	1.076E+03	7.290E-01
265	1	4	-4.499E-01	7.208E-02	-3.712E-01	3.268E+03	2.825E+03	1.957E+03	2.649E-01	-6.427E-01	2.050E+00	5.015E+03	1.077E+03	7.290E-01
265	1	5	-8.360E-01	2.423E-01	-1.127E-01	3.134E+03	2.692E+03	1.823E+03	2.540E-01	-8.477E-01	1.674E+00	4.749E+03	1.077E+03	7.250E-01
265	1	6	-8.361E-01	2.430E-01	-1.097E-01	3.134E+03	2.692E+03	1.822E+03	2.541E-01	-8.472E-01	1.671E+00	4.748E+03	1.078E+03	7.250E-01
265	1	7	-4.513E-01	7.473E-02	-3.664E-01	3.269E+03	2.826E+03	1.957E+03	2.627E-01	-6.393E-01	2.045E+00	5.017E+03	1.078E+03	7.291E-01

265	1	8	-4.514E-01	7.546E-02	-3.633E-01	3.269E+03	2.826E+03	1.956E+03	2.608E-01	-6.368E-01	2.043E+00	5.016E+03	1.079E+03	7.291E-01
265	1	9	1.747E+00	-9.607E-01	-1.837E+00	2.292E+03	1.903E+03	1.299E+03	2.675E+00	-1.889E+00	-4.679E-01	3.411E+03	7.836E+02	7.111E-01
265	1	10	1.747E+00	-9.600E-01	-1.834E+00	2.292E+03	1.903E+03	1.298E+03	2.672E+00	-1.886E+00	-4.675E-01	3.410E+03	7.847E+02	7.110E-01
265	1	11	2.131E+00	-1.128E+00	-2.091E+00	2.426E+03	2.037E+03	1.433E+03	3.152E+00	-2.149E+00	-4.543E-01	3.678E+03	7.851E+02	7.179E-01
265	1	12	2.131E+00	-1.128E+00	-2.088E+00	2.426E+03	2.037E+03	1.432E+03	3.150E+00	-2.146E+00	-4.540E-01	3.677E+03	7.862E+02	7.179E-01
265	1	13	1.745E+00	-9.573E-01	-1.829E+00	2.293E+03	1.904E+03	1.298E+03	2.668E+00	-1.880E+00	-4.673E-01	3.412E+03	7.857E+02	7.112E-01
265	1	14	1.745E+00	-9.566E-01	-1.826E+00	2.293E+03	1.904E+03	1.297E+03	2.666E+00	-1.877E+00	-4.669E-01	3.410E+03	7.868E+02	7.111E-01
265	1	15	2.130E+00	-1.125E+00	-2.083E+00	2.427E+03	2.039E+03	1.433E+03	3.146E+00	-2.141E+00	-4.538E-01	3.679E+03	7.871E+02	7.180E-01
265	1	16	2.130E+00	-1.124E+00	-2.080E+00	2.427E+03	2.039E+03	1.432E+03	3.143E+00	-2.138E+00	-4.535E-01	3.677E+03	7.882E+02	7.180E-01
265	2	1	-3.713E-01	3.444E-01	6.237E-02	4.027E+03	1.520E+03	7.808E+02	3.498E-01	-3.767E-01	1.485E+00	4.250E+03	1.297E+03	2.786E-01
265	2	2	-3.693E-01	3.419E-01	6.476E-02	4.028E+03	1.521E+03	7.814E+02	3.478E-01	-3.751E-01	1.481E+00	4.252E+03	1.298E+03	2.787E-01
265	2	3	-4.750E-01	4.864E-01	-1.971E-01	3.910E+03	1.452E+03	7.536E+02	5.252E-01	-5.138E-01	1.765E+00	4.123E+03	1.239E+03	2.750E-01
265	2	4	-4.730E-01	4.839E-01	-1.947E-01	3.912E+03	1.453E+03	7.542E+02	5.220E-01	-5.111E-01	1.764E+00	4.125E+03	1.240E+03	2.751E-01
265	2	5	-3.662E-01	3.404E-01	6.926E-02	4.031E+03	1.523E+03	7.826E+02	3.471E-01	-3.730E-01	1.474E+00	4.255E+03	1.299E+03	2.790E-01
265	2	6	-3.642E-01	3.379E-01	7.165E-02	4.032E+03	1.524E+03	7.832E+02	3.452E-01	-3.715E-01	1.470E+00	4.257E+03	1.300E+03	2.791E-01
265	2	7	-4.699E-01	4.824E-01	-1.902E-01	3.914E+03	1.454E+03	7.555E+02	5.190E-01	-5.065E-01	1.761E+00	4.128E+03	1.241E+03	2.754E-01
265	2	8	-4.679E-01	4.799E-01	-1.878E-01	3.916E+03	1.456E+03	7.560E+02	5.158E-01	-5.038E-01	1.759E+00	4.129E+03	1.242E+03	2.756E-01
265	2	9	-5.000E-01	9.306E-01	-1.772E+00	3.318E+03	1.369E+03	7.818E+02	2.126E+00	-1.696E+00	2.164E+00	3.593E+03	1.095E+03	3.381E-01
265	2	10	-4.981E-01	9.281E-01	-1.770E+00	3.320E+03	1.371E+03	7.823E+02	2.123E+00	-1.693E+00	2.165E+00	3.595E+03	1.096E+03	3.382E-01
265	2	11	-6.037E-01	1.073E+00	-2.031E+00	3.202E+03	1.301E+03	7.546E+02	2.432E+00	-1.963E+00	2.161E+00	3.465E+03	1.038E+03	3.355E-01
265	2	12	-6.017E-01	1.070E+00	-2.029E+00	3.203E+03	1.302E+03	7.551E+02	2.429E+00	-1.960E+00	2.161E+00	3.467E+03	1.039E+03	3.357E-01
265	2	13	-4.950E-01	9.266E-01	-1.765E+00	3.322E+03	1.372E+03	7.836E+02	2.119E+00	-1.687E+00	2.165E+00	3.598E+03	1.096E+03	3.385E-01
265	2	14	-4.930E-01	9.241E-01	-1.763E+00	3.323E+03	1.373E+03	7.841E+02	2.115E+00	-1.684E+00	2.165E+00	3.600E+03	1.097E+03	3.387E-01
265	2	15	-5.987E-01	1.069E+00	-2.025E+00	3.205E+03	1.304E+03	7.564E+02	2.424E+00	-1.954E+00	2.161E+00	3.470E+03	1.039E+03	3.360E-01
265	2	16	-5.967E-01	1.066E+00	-2.022E+00	3.207E+03	1.305E+03	7.569E+02	2.421E+00	-1.952E+00	2.161E+00	3.471E+03	1.041E+03	3.362E-01
265	3	1	1.456E-01	-2.986E-03	3.715E-02	1.908E+03	4.154E+02	1.180E+03	1.543E-01	-1.176E-02	2.319E-01	2.558E+03	-2.343E+02	5.034E-01
265	3	2	1.480E-01	-2.882E-03	3.832E-02	1.909E+03	4.159E+02	1.180E+03	1.572E-01	-1.206E-02	2.350E-01	2.559E+03	-2.339E+02	5.033E-01
265	3	3	-1.550E-01	4.462E-03	-9.118E-02	1.854E+03	3.830E+02	1.154E+03	4.585E-02	-1.964E-01	1.997E+00	2.486E+03	-2.498E+02	5.017E-01
265	3	4	-1.526E-01	4.566E-03	-9.001E-02	1.855E+03	3.835E+02	1.154E+03	4.547E-02	-1.935E-01	1.997E+00	2.488E+03	-2.494E+02	5.016E-01
265	3	5	1.536E-01	-1.921E-03	4.096E-02	1.911E+03	4.159E+02	1.181E+03	1.637E-01	-1.205E-02	2.425E-01	2.561E+03	-2.339E+02	5.032E-01
265	3	6	1.560E-01	-1.817E-03	4.213E-02	1.912E+03	4.164E+02	1.181E+03	1.665E-01	-1.236E-02	2.452E-01	2.562E+03	-2.335E+02	5.031E-01
265	3	7	-1.470E-01	5.527E-03	-8.737E-02	1.856E+03	3.836E+02	1.155E+03	4.523E-02	-1.867E-01	1.997E+00	2.489E+03	-2.494E+02	5.015E-01
265	3	8	-1.446E-01	5.631E-03	-8.620E-02	1.858E+03	3.840E+02	1.155E+03	4.485E-02	-1.838E-01	1.998E+00	2.490E+03	-2.490E+02	5.014E-01
265	3	9	-1.974E+00	-6.380E-02	-8.847E-01	1.714E+03	5.184E+02	1.012E+03	2.829E-01	-2.321E+00	1.944E+00	2.292E+03	-5.915E+01	5.186E-01
265	3	10	-1.972E+00	-6.370E-02	-8.835E-01	1.715E+03	5.188E+02	1.012E+03	2.826E-01	-2.318E+00	1.944E+00	2.293E+03	-5.870E+01	5.185E-01
265	3	11	-2.275E+00	-5.636E-02	-1.013E+00	1.660E+03	4.860E+02	9.860E+02	3.366E-01	-2.668E+00	1.941E+00	2.220E+03	-7.454E+01	5.170E-01
265	3	12	-2.272E+00	-5.625E-02	-1.012E+00	1.661E+03	4.865E+02	9.861E+02	3.362E-01	-2.665E+00	1.941E+00	2.221E+03	-7.408E+01	5.169E-01
265	3	13	-1.966E+00	-6.274E-02	-8.809E-01	1.717E+03	5.189E+02	1.013E+03	2.823E-01	-2.311E+00	1.944E+00	2.295E+03	-5.871E+01	5.183E-01
265	3	14	-1.964E+00	-6.263E-02	-8.797E-01	1.718E+03	5.194E+02	1.013E+03	2.820E-01	-2.308E+00	1.944E+00	2.296E+03	-5.825E+01	5.182E-01
265	3	15	-2.267E+00	-5.529E-02	-1.009E+00	1.662E+03	4.865E+02	9.867E+02	3.360E-01	-2.658E+00	1.941E+00	2.223E+03	-7.409E+01	5.167E-01
265	3	16	-2.264E+00	-5.519E-02	-1.008E+00	1.664E+03	4.870E+02	9.869E+02	3.356E-01	-2.655E+00	1.941E+00	2.224E+03	-7.363E+01	5.166E-01
265	4	1	-1.764E-01	-1.230E-01	-1.442E-01	4.725E+02	2.072E+03	1.300E+03	-3.014E-03	-2.963E-01	2.265E+00	2.798E+03	-2.539E+02	1.061E+00
265	4	2	-1.761E-01	-1.197E-01	-1.424E-01	4.720E+02	2.071E+03	1.300E+03	-2.732E-03	-2.930E-01	2.258E+00	2.798E+03	-2.545E+02	1.061E+00

265	4	3	-2.710E-01	-3.961E-01	-2.699E-01	5.248E+02	2.206E+03	1.355E+03	-5.645E-02	-6.106E-01	-6.716E-01	2.960E+03	-2.290E+02	1.063E+00
265	4	4	-2.707E-01	-3.927E-01	-2.681E-01	5.243E+02	2.205E+03	1.355E+03	-5.677E-02	-6.067E-01	-6.735E-01	2.959E+03	-2.296E+02	1.063E+00
265	4	5	-1.750E-01	-1.145E-01	-1.394E-01	4.720E+02	2.072E+03	1.301E+03	-2.111E-03	-2.874E-01	2.249E+00	2.799E+03	-2.549E+02	1.061E+00
265	4	6	-1.747E-01	-1.112E-01	-1.376E-01	4.715E+02	2.071E+03	1.301E+03	-1.772E-03	-2.842E-01	2.243E+00	2.798E+03	-2.555E+02	1.061E+00
265	4	7	-2.696E-01	-3.876E-01	-2.651E-01	5.243E+02	2.206E+03	1.356E+03	-5.700E-02	-6.002E-01	-6.759E-01	2.960E+03	-2.300E+02	1.063E+00
265	4	8	-2.693E-01	-3.843E-01	-2.633E-01	5.238E+02	2.205E+03	1.355E+03	-5.732E-02	-5.963E-01	-6.779E-01	2.959E+03	-2.306E+02	1.063E+00
265	4	9	4.137E-01	-1.970E+00	-9.481E-01	2.736E+02	1.441E+03	1.012E+03	7.449E-01	-2.301E+00	-3.360E-01	2.025E+03	-3.106E+02	1.047E+00
265	4	10	4.140E-01	-1.966E+00	-9.463E-01	2.731E+02	1.440E+03	1.011E+03	7.444E-01	-2.297E+00	-3.359E-01	2.024E+03	-3.112E+02	1.047E+00
265	4	11	3.191E-01	-2.243E+00	-1.074E+00	3.259E+02	1.575E+03	1.067E+03	7.097E-01	-2.633E+00	-3.489E-01	2.186E+03	-2.856E+02	1.050E+00
265	4	12	3.194E-01	-2.239E+00	-1.072E+00	3.254E+02	1.574E+03	1.066E+03	7.092E-01	-2.629E+00	-3.487E-01	2.185E+03	-2.861E+02	1.050E+00
265	4	13	4.151E-01	-1.961E+00	-9.433E-01	2.731E+02	1.441E+03	1.012E+03	7.441E-01	-2.290E+00	-3.355E-01	2.025E+03	-3.116E+02	1.047E+00
265	4	14	4.154E-01	-1.958E+00	-9.415E-01	2.726E+02	1.440E+03	1.012E+03	7.435E-01	-2.286E+00	-3.354E-01	2.025E+03	-3.122E+02	1.047E+00
265	4	15	3.205E-01	-2.234E+00	-1.069E+00	3.254E+02	1.574E+03	1.067E+03	7.088E-01	-2.623E+00	-3.484E-01	2.186E+03	-2.866E+02	1.050E+00
265	4	16	3.208E-01	-2.231E+00	-1.067E+00	3.249E+02	1.574E+03	1.067E+03	7.083E-01	-2.618E+00	-3.483E-01	2.186E+03	-2.872E+02	1.050E+00
266	1	1	2.782E+00	-6.999E-02	1.199E+00	-4.369E+03	-8.934E+02	9.420E+02	3.219E+00	-5.071E-01	3.496E-01	-6.545E+02	-4.608E+03	1.322E+00
266	1	2	2.773E+00	-7.014E-02	1.194E+00	-4.368E+03	-8.930E+02	9.436E+02	3.208E+00	-5.051E-01	3.493E-01	-6.533E+02	-4.608E+03	1.322E+00
266	1	3	4.108E+00	-3.514E-03	1.593E+00	-4.529E+03	-9.371E+02	8.666E+02	4.653E+00	-5.486E-01	3.297E-01	-7.390E+02	-4.727E+03	1.346E+00
266	1	4	4.098E+00	-3.664E-03	1.588E+00	-4.528E+03	-9.368E+02	8.681E+02	4.641E+00	-5.466E-01	3.294E-01	-7.379E+02	-4.727E+03	1.346E+00
266	1	5	2.778E+00	-7.097E-02	1.194E+00	-4.368E+03	-8.919E+02	9.459E+02	3.212E+00	-5.053E-01	3.488E-01	-6.511E+02	-4.608E+03	1.322E+00
266	1	6	2.768E+00	-7.112E-02	1.189E+00	-4.367E+03	-8.915E+02	9.475E+02	3.201E+00	-5.033E-01	3.486E-01	-6.499E+02	-4.608E+03	1.321E+00
266	1	7	4.104E+00	-4.492E-03	1.588E+00	-4.527E+03	-9.357E+02	8.704E+02	4.646E+00	-5.469E-01	3.291E-01	-7.358E+02	-4.727E+03	1.345E+00
266	1	8	4.094E+00	-4.642E-03	1.583E+00	-4.526E+03	-9.353E+02	8.720E+02	4.634E+00	-5.449E-01	3.289E-01	-7.347E+02	-4.727E+03	1.345E+00
266	1	9	-4.883E+00	3.559E-01	-2.803E-01	-3.092E+03	-5.225E+02	7.914E+02	3.708E-01	-4.898E+00	1.624E+00	-2.983E+02	-3.316E+03	1.295E+00
266	1	10	-4.892E+00	3.557E-01	-2.853E-01	-3.091E+03	-5.221E+02	7.929E+02	3.712E-01	-4.908E+00	1.625E+00	-2.971E+02	-3.316E+03	1.294E+00
266	1	11	-3.557E+00	4.224E-01	1.138E-01	-3.252E+03	-5.663E+02	7.159E+02	4.256E-01	-3.560E+00	1.542E+00	-3.874E+02	-3.431E+03	1.326E+00
266	1	12	-3.566E+00	4.222E-01	1.087E-01	-3.251E+03	-5.659E+02	7.175E+02	4.252E-01	-3.569E+00	1.544E+00	-3.862E+02	-3.431E+03	1.325E+00
266	1	13	-4.887E+00	3.549E-01	-2.852E-01	-3.091E+03	-5.210E+02	7.952E+02	3.704E-01	-4.902E+00	1.625E+00	-2.948E+02	-3.317E+03	1.294E+00
266	1	14	-4.896E+00	3.548E-01	-2.903E-01	-3.090E+03	-5.206E+02	7.968E+02	3.708E-01	-4.912E+00	1.626E+00	-2.935E+02	-3.317E+03	1.293E+00
266	1	15	-3.561E+00	4.214E-01	1.089E-01	-3.250E+03	-5.648E+02	7.198E+02	4.244E-01	-3.564E+00	1.543E+00	-3.840E+02	-3.431E+03	1.325E+00
266	1	16	-3.571E+00	4.212E-01	1.038E-01	-3.249E+03	-5.644E+02	7.213E+02	4.239E-01	-3.573E+00	1.545E+00	-3.829E+02	-3.431E+03	1.324E+00
266	2	1	2.773E+00	-8.800E-01	1.177E+00	-8.709E+03	-1.132E+03	4.411E+01	3.120E+00	-1.227E+00	2.862E-01	-1.132E+03	-8.710E+03	1.565E+00
266	2	2	2.764E+00	-8.762E-01	1.172E+00	-8.710E+03	-1.133E+03	4.478E+01	3.109E+00	-1.221E+00	2.861E-01	-1.133E+03	-8.710E+03	1.565E+00
266	2	3	4.033E+00	-1.175E+00	1.524E+00	-8.637E+03	-1.076E+03	4.108E-01	4.446E+00	-1.589E+00	2.648E-01	-1.076E+03	-8.637E+03	1.571E+00
266	2	4	4.023E+00	-1.172E+00	1.519E+00	-8.638E+03	-1.077E+03	1.085E+00	4.435E+00	-1.583E+00	2.646E-01	-1.077E+03	-8.638E+03	1.571E+00
266	2	5	2.771E+00	-8.786E-01	1.174E+00	-8.709E+03	-1.132E+03	4.762E+01	3.116E+00	-1.224E+00	2.859E-01	-1.131E+03	-8.709E+03	1.565E+00
266	2	6	2.762E+00	-8.747E-01	1.169E+00	-8.709E+03	-1.133E+03	4.830E+01	3.105E+00	-1.218E+00	2.858E-01	-1.132E+03	-8.710E+03	1.564E+00
266	2	7	4.031E+00	-1.174E+00	1.521E+00	-8.637E+03	-1.076E+03	3.926E+00	4.443E+00	-1.586E+00	2.645E-01	-1.076E+03	-8.637E+03	1.570E+00
266	2	8	4.021E+00	-1.170E+00	1.516E+00	-8.638E+03	-1.076E+03	4.600E+00	4.432E+00	-1.581E+00	2.644E-01	-1.076E+03	-8.638E+03	1.570E+00
266	2	9	-4.369E+00	-6.553E-03	2.724E-01	-7.777E+03	-8.621E+02	9.855E+01	1.039E-02	-4.386E+00	1.509E+00	-8.607E+02	-7.778E+03	1.557E+00
266	2	10	-4.378E+00	-2.702E-03	2.674E-01	-7.777E+03	-8.629E+02	9.923E+01	1.358E-02	-4.394E+00	1.510E+00	-8.615E+02	-7.779E+03	1.556E+00
266	2	11	-3.109E+00	-3.020E-01	6.194E-01	-7.705E+03	-8.059E+02	5.485E+01	-1.714E-01	-3.240E+00	1.363E+00	-8.055E+02	-7.705E+03	1.563E+00
266	2	12	-3.119E+00	-2.981E-01	6.144E-01	-7.706E+03	-8.067E+02	5.553E+01	-1.701E-01	-3.247E+00	1.365E+00	-8.063E+02	-7.706E+03	1.563E+00
266	2	13	-4.371E+00	-5.118E-03	2.697E-01	-7.776E+03	-8.615E+02	1.021E+02	1.148E-02	-4.387E+00	1.509E+00	-8.600E+02	-7.777E+03	1.556E+00

266	2	14	-4.380E+00	-1.266E-03	2.646E-01	-7.777E+03	-8.623E+02	1.027E+02	1.467E-02	-4.396E+00	1.511E+00	-8.607E+02	-7.778E+03	1.556E+00
266	2	15	-3.111E+00	-3.006E-01	6.167E-01	-7.704E+03	-8.053E+02	5.837E+01	-1.712E-01	-3.241E+00	1.364E+00	-8.048E+02	-7.705E+03	1.562E+00
266	2	16	-3.121E+00	-2.967E-01	6.116E-01	-7.705E+03	-8.061E+02	5.904E+01	-1.699E-01	-3.248E+00	1.366E+00	-8.056E+02	-7.705E+03	1.562E+00
266	3	1	2.765E+00	-8.503E-03	1.199E+00	-4.385E+03	-2.414E+02	1.826E+02	3.211E+00	-4.552E-01	3.566E-01	-2.334E+02	-4.393E+03	1.527E+00
266	3	2	2.755E+00	-8.692E-03	1.194E+00	-4.384E+03	-2.415E+02	1.835E+02	3.200E+00	-4.532E-01	3.563E-01	-2.334E+02	-4.392E+03	1.527E+00
266	3	3	3.959E+00	5.425E-03	1.594E+00	-4.514E+03	-2.121E+02	1.286E+02	4.522E+00	-5.568E-01	3.392E-01	-2.083E+02	-4.518E+03	1.541E+00
266	3	4	3.950E+00	5.236E-03	1.588E+00	-4.513E+03	-2.122E+02	1.294E+02	4.510E+00	-5.549E-01	3.390E-01	-2.083E+02	-4.517E+03	1.541E+00
266	3	5	2.765E+00	-1.118E-02	1.194E+00	-4.382E+03	-2.404E+02	1.859E+02	3.208E+00	-4.544E-01	3.553E-01	-2.321E+02	-4.391E+03	1.526E+00
266	3	6	2.755E+00	-1.137E-02	1.189E+00	-4.381E+03	-2.405E+02	1.867E+02	3.196E+00	-4.524E-01	3.551E-01	-2.321E+02	-4.390E+03	1.526E+00
266	3	7	3.959E+00	2.745E-03	1.589E+00	-4.512E+03	-2.111E+02	1.318E+02	4.518E+00	-5.562E-01	3.383E-01	-2.071E+02	-4.516E+03	1.540E+00
266	3	8	3.950E+00	2.556E-03	1.584E+00	-4.511E+03	-2.112E+02	1.327E+02	4.507E+00	-5.542E-01	3.381E-01	-2.071E+02	-4.515E+03	1.540E+00
266	3	9	-3.855E+00	-2.682E-02	-2.802E-01	-3.246E+03	-3.230E+02	2.697E+01	-6.419E-03	-3.876E+00	1.643E+00	-3.228E+02	-3.246E+03	1.562E+00
266	3	10	-3.864E+00	-2.700E-02	-2.853E-01	-3.245E+03	-3.231E+02	2.784E+01	-5.914E-03	-3.886E+00	1.645E+00	-3.229E+02	-3.245E+03	1.561E+00
266	3	11	-2.660E+00	-1.289E-02	1.140E-01	-3.375E+03	-2.937E+02	-2.708E+01	-7.989E-03	-2.665E+00	1.528E+00	-2.935E+02	-3.375E+03	1.580E+00
266	3	12	-2.670E+00	-1.308E-02	1.089E-01	-3.374E+03	-2.938E+02	-2.620E+01	-8.621E-03	-2.674E+00	1.530E+00	-2.936E+02	-3.374E+03	1.579E+00
266	3	13	-3.855E+00	-2.950E-02	-2.851E-01	-3.243E+03	-3.220E+02	3.025E+01	-8.365E-03	-3.876E+00	1.645E+00	-3.217E+02	-3.244E+03	1.560E+00
266	3	14	-3.865E+00	-2.968E-02	-2.902E-01	-3.243E+03	-3.221E+02	3.112E+01	-7.849E-03	-3.887E+00	1.646E+00	-3.218E+02	-3.243E+03	1.560E+00
266	3	15	-2.661E+00	-1.557E-02	1.091E-01	-3.373E+03	-2.927E+02	-2.380E+01	-1.108E-02	-2.665E+00	1.530E+00	-2.926E+02	-3.373E+03	1.579E+00
266	3	16	-2.670E+00	-1.576E-02	1.040E-01	-3.372E+03	-2.928E+02	-2.292E+01	-1.169E-02	-2.674E+00	1.532E+00	-2.927E+02	-3.372E+03	1.578E+00
266	4	1	2.774E+00	8.588E-01	1.216E+00	-8.998E+01	-4.179E+02	2.783E+02	3.364E+00	2.687E-01	4.518E-01	6.904E+01	-5.770E+02	5.192E-01
266	4	2	2.765E+00	8.546E-01	1.211E+00	-8.748E+01	-4.167E+02	2.791E+02	3.352E+00	2.676E-01	4.515E-01	7.189E+01	-5.761E+02	5.189E-01
266	4	3	4.034E+00	1.120E+00	1.668E+00	-3.599E+02	-4.801E+02	2.484E+02	4.791E+00	3.625E-01	4.264E-01	-1.644E+02	-6.756E+02	6.668E-01
266	4	4	4.024E+00	1.116E+00	1.663E+00	-3.574E+02	-4.789E+02	2.492E+02	4.779E+00	3.613E-01	4.261E-01	-1.617E+02	-6.747E+02	6.659E-01
266	4	5	2.772E+00	8.537E-01	1.209E+00	-8.682E+01	-4.155E+02	2.806E+02	3.356E+00	2.698E-01	4.500E-01	7.403E+01	-5.764E+02	5.205E-01
266	4	6	2.762E+00	8.495E-01	1.204E+00	-8.431E+01	-4.143E+02	2.814E+02	3.343E+00	2.686E-01	4.497E-01	7.687E+01	-5.755E+02	5.202E-01
266	4	7	4.032E+00	1.115E+00	1.661E+00	-3.568E+02	-4.777E+02	2.508E+02	4.783E+00	3.632E-01	4.251E-01	-1.593E+02	-6.752E+02	6.671E-01
266	4	8	4.022E+00	1.111E+00	1.656E+00	-3.543E+02	-4.765E+02	2.515E+02	4.771E+00	3.620E-01	4.248E-01	-1.565E+02	-6.742E+02	6.662E-01
266	4	9	-4.368E+00	3.929E-01	-8.382E-01	1.393E+03	-2.907E+02	3.444E+02	5.361E-01	-4.512E+00	1.740E+00	1.461E+03	-3.585E+02	1.942E-01
266	4	10	-4.378E+00	3.887E-01	-8.433E-01	1.396E+03	-2.896E+02	3.452E+02	5.335E-01	-4.523E+00	1.741E+00	1.464E+03	-3.575E+02	1.944E-01
266	4	11	-3.109E+00	6.542E-01	-3.863E-01	1.123E+03	-3.529E+02	3.146E+02	6.934E-01	-3.148E+00	1.672E+00	1.187E+03	-4.171E+02	2.015E-01
266	4	12	-3.118E+00	6.500E-01	-3.914E-01	1.126E+03	-3.517E+02	3.154E+02	6.902E-01	-3.158E+00	1.673E+00	1.190E+03	-4.162E+02	2.017E-01
266	4	13	-4.371E+00	3.878E-01	-8.453E-01	1.396E+03	-2.883E+02	3.468E+02	5.335E-01	-4.516E+00	1.741E+00	1.465E+03	-3.569E+02	1.953E-01
266	4	14	-4.380E+00	3.836E-01	-8.505E-01	1.399E+03	-2.872E+02	3.475E+02	5.309E-01	-4.527E+00	1.742E+00	1.468E+03	-3.560E+02	1.955E-01
266	4	15	-3.111E+00	6.491E-01	-3.934E-01	1.126E+03	-3.505E+02	3.169E+02	6.898E-01	-3.152E+00	1.674E+00	1.192E+03	-4.156E+02	2.027E-01
266	4	16	-3.120E+00	6.449E-01	-3.986E-01	1.129E+03	-3.493E+02	3.177E+02	6.866E-01	-3.162E+00	1.675E+00	1.194E+03	-4.147E+02	2.030E-01
267	1	1	3.722E+00	-1.483E-01	-1.039E+00	-4.479E+03	-8.997E+02	-1.141E+03	3.983E+00	-4.094E-01	-2.463E-01	-5.668E+02	-4.812E+03	1.855E+00
267	1	2	3.711E+00	-1.480E-01	-1.034E+00	-4.478E+03	-8.995E+02	-1.141E+03	3.970E+00	-4.077E-01	-2.460E-01	-5.664E+02	-4.811E+03	1.855E+00
267	1	3	4.989E+00	-1.998E-01	-1.449E+00	-4.639E+03	-9.519E+02	-1.063E+03	5.367E+00	-5.772E-01	-2.547E-01	-6.673E+02	-4.923E+03	1.832E+00
267	1	4	4.978E+00	-1.995E-01	-1.445E+00	-4.638E+03	-9.518E+02	-1.064E+03	5.354E+00	-5.755E-01	-2.546E-01	-6.670E+02	-4.923E+03	1.832E+00
267	1	5	3.711E+00	-1.463E-01	-1.041E+00	-4.478E+03	-9.004E+02	-1.137E+03	3.974E+00	-4.094E-01	-2.475E-01	-5.699E+02	-4.808E+03	1.854E+00
267	1	6	3.699E+00	-1.460E-01	-1.037E+00	-4.477E+03	-9.003E+02	-1.137E+03	3.961E+00	-4.077E-01	-2.473E-01	-5.695E+02	-4.808E+03	1.854E+00
267	1	7	4.978E+00	-1.978E-01	-1.452E+00	-4.638E+03	-9.527E+02	-1.059E+03	5.357E+00	-5.772E-01	-2.556E-01	-6.702E+02	-4.920E+03	1.832E+00
267	1	8	4.967E+00	-1.975E-01	-1.448E+00	-4.637E+03	-9.526E+02	-1.059E+03	5.345E+00	-5.755E-01	-2.555E-01	-6.699E+02	-4.920E+03	1.832E+00

267	1	9	-5.774E+00	5.546E-01	1.346E-01	-2.941E+03	-4.831E+02	-7.106E+02	5.575E-01	-5.776E+00	1.550E+00	-2.924E+02	-3.131E+03	1.833E+00
267	1	10	-5.785E+00	5.549E-01	1.390E-01	-2.940E+03	-4.829E+02	-7.109E+02	5.580E-01	-5.788E+00	1.549E+00	-2.920E+02	-3.131E+03	1.833E+00
267	1	11	-4.506E+00	5.032E-01	-2.762E-01	-3.101E+03	-5.353E+02	-6.326E+02	5.184E-01	-4.522E+00	1.626E+00	-3.878E+02	-3.248E+03	1.800E+00
267	1	12	-4.518E+00	5.035E-01	-2.718E-01	-3.100E+03	-5.352E+02	-6.330E+02	5.182E-01	-4.533E+00	1.625E+00	-3.875E+02	-3.248E+03	1.800E+00
267	1	13	-5.785E+00	5.566E-01	1.320E-01	-2.940E+03	-4.838E+02	-7.061E+02	5.594E-01	-5.787E+00	1.550E+00	-2.953E+02	-3.128E+03	1.832E+00
267	1	14	-5.796E+00	5.569E-01	1.365E-01	-2.939E+03	-4.837E+02	-7.064E+02	5.598E-01	-5.799E+00	1.549E+00	-2.950E+02	-3.128E+03	1.832E+00
267	1	15	-4.518E+00	5.052E-01	-2.788E-01	-3.100E+03	-5.361E+02	-6.281E+02	5.206E-01	-4.533E+00	1.626E+00	-3.905E+02	-3.245E+03	1.799E+00
267	1	16	-4.529E+00	5.055E-01	-2.744E-01	-3.099E+03	-5.360E+02	-6.285E+02	5.204E-01	-4.544E+00	1.625E+00	-3.902E+02	-3.245E+03	1.799E+00
267	2	1	3.520E+00	6.300E-01	-1.268E+00	-2.773E+02	-3.453E+02	-3.428E+02	3.997E+00	1.528E-01	-3.601E-01	3.322E+01	-6.558E+02	-7.359E-01
267	2	2	3.508E+00	6.269E-01	-1.263E+00	-2.749E+02	-3.447E+02	-3.429E+02	3.984E+00	1.517E-01	-3.599E-01	3.482E+01	-6.545E+02	-7.347E-01
267	2	3	4.723E+00	9.130E-01	-1.737E+00	-5.562E+02	-4.195E+02	-3.064E+02	5.396E+00	2.401E-01	-3.696E-01	-1.739E+02	-8.018E+02	2.246E+00
267	2	4	4.712E+00	9.100E-01	-1.732E+00	-5.539E+02	-4.189E+02	-3.065E+02	5.383E+00	2.390E-01	-3.695E-01	-1.725E+02	-8.003E+02	2.248E+00
267	2	5	3.508E+00	6.346E-01	-1.271E+00	-2.774E+02	-3.476E+02	-3.405E+02	3.989E+00	1.531E-01	-3.621E-01	2.976E+01	-6.548E+02	-7.340E-01
267	2	6	3.497E+00	6.315E-01	-1.266E+00	-2.751E+02	-3.470E+02	-3.405E+02	3.976E+00	1.521E-01	-3.619E-01	3.136E+01	-6.535E+02	-7.328E-01
267	2	7	4.711E+00	9.176E-01	-1.740E+00	-5.563E+02	-4.218E+02	-3.041E+02	5.388E+00	2.403E-01	-3.712E-01	-1.776E+02	-8.005E+02	2.247E+00
267	2	8	4.700E+00	9.146E-01	-1.736E+00	-5.540E+02	-4.212E+02	-3.042E+02	5.375E+00	2.392E-01	-3.711E-01	-1.763E+02	-7.989E+02	2.249E+00
267	2	9	-5.067E+00	6.064E-01	9.053E-01	1.698E+03	-3.096E+02	-3.746E+02	7.473E-01	-5.208E+00	1.416E+00	1.766E+03	-3.772E+02	-1.786E-01
267	2	10	-5.078E+00	6.033E-01	9.098E-01	1.700E+03	-3.091E+02	-3.746E+02	7.455E-01	-5.221E+00	1.416E+00	1.768E+03	-3.766E+02	-1.785E-01
267	2	11	-3.864E+00	8.894E-01	4.360E-01	1.419E+03	-3.838E+02	-3.382E+02	9.291E-01	-3.904E+00	1.480E+00	1.480E+03	-4.452E+02	-1.795E-01
267	2	12	-3.875E+00	8.864E-01	4.405E-01	1.421E+03	-3.833E+02	-3.383E+02	9.268E-01	-3.916E+00	1.479E+00	1.483E+03	-4.446E+02	-1.793E-01
267	2	13	-5.079E+00	6.109E-01	9.021E-01	1.698E+03	-3.119E+02	-3.722E+02	7.505E-01	-5.219E+00	1.417E+00	1.765E+03	-3.787E+02	-1.774E-01
267	2	14	-5.090E+00	6.079E-01	9.066E-01	1.700E+03	-3.114E+02	-3.723E+02	7.487E-01	-5.231E+00	1.417E+00	1.767E+03	-3.781E+02	-1.773E-01
267	2	15	-3.876E+00	8.940E-01	4.327E-01	1.419E+03	-3.861E+02	-3.358E+02	9.329E-01	-3.915E+00	1.481E+00	1.479E+03	-4.466E+02	-1.781E-01
267	2	16	-3.887E+00	8.909E-01	4.373E-01	1.421E+03	-3.856E+02	-3.359E+02	9.306E-01	-3.927E+00	1.480E+00	1.482E+03	-4.460E+02	-1.780E-01
267	3	1	3.316E+00	3.508E-02	-1.039E+00	-4.446E+03	-1.905E+02	-3.253E+02	3.617E+00	-2.662E-01	-2.823E-01	-1.658E+02	-4.470E+03	1.647E+00
267	3	2	3.305E+00	3.531E-02	-1.034E+00	-4.445E+03	-1.909E+02	-3.251E+02	3.605E+00	-2.645E-01	-2.821E-01	-1.662E+02	-4.470E+03	1.647E+00
267	3	3	4.457E+00	1.582E-02	-1.450E+00	-4.583E+03	-1.692E+02	-3.661E+02	4.888E+00	-4.156E-01	-2.892E-01	-1.390E+02	-4.613E+03	1.653E+00
267	3	4	4.445E+00	1.605E-02	-1.445E+00	-4.582E+03	-1.696E+02	-3.659E+02	4.875E+00	-4.139E-01	-2.891E-01	-1.394E+02	-4.612E+03	1.653E+00
267	3	5	3.304E+00	3.764E-02	-1.041E+00	-4.446E+03	-1.917E+02	-3.214E+02	3.607E+00	-2.662E-01	-2.838E-01	-1.675E+02	-4.470E+03	1.646E+00
267	3	6	3.292E+00	3.787E-02	-1.037E+00	-4.445E+03	-1.921E+02	-3.212E+02	3.595E+00	-2.645E-01	-2.837E-01	-1.680E+02	-4.469E+03	1.646E+00
267	3	7	4.444E+00	1.838E-02	-1.452E+00	-4.583E+03	-1.704E+02	-3.622E+02	4.878E+00	-4.156E-01	-2.904E-01	-1.408E+02	-4.612E+03	1.652E+00
267	3	8	4.433E+00	1.861E-02	-1.448E+00	-4.582E+03	-1.708E+02	-3.620E+02	4.865E+00	-4.139E-01	-2.903E-01	-1.413E+02	-4.612E+03	1.652E+00
267	3	9	-4.362E+00	-3.473E-02	1.344E-01	-3.123E+03	-3.424E+02	1.091E+02	-3.056E-02	-4.366E+00	1.540E+00	-3.381E+02	-3.127E+03	1.532E+00
267	3	10	-4.373E+00	-3.450E-02	1.388E-01	-3.122E+03	-3.428E+02	1.093E+02	-3.006E-02	-4.377E+00	1.539E+00	-3.385E+02	-3.126E+03	1.532E+00
267	3	11	-3.221E+00	-5.399E-02	-2.765E-01	-3.260E+03	-3.211E+02	6.831E+01	-3.003E-02	-3.245E+00	1.657E+00	-3.195E+02	-3.261E+03	1.548E+00
267	3	12	-3.233E+00	-5.376E-02	-2.721E-01	-3.259E+03	-3.215E+02	6.853E+01	-3.064E-02	-3.256E+00	1.656E+00	-3.199E+02	-3.261E+03	1.547E+00
267	3	13	-4.374E+00	-3.217E-02	1.319E-01	-3.123E+03	-3.436E+02	1.130E+02	-2.817E-02	-4.378E+00	1.540E+00	-3.390E+02	-3.127E+03	1.530E+00
267	3	14	-4.386E+00	-3.194E-02	1.363E-01	-3.122E+03	-3.440E+02	1.132E+02	-2.768E-02	-4.390E+00	1.540E+00	-3.394E+02	-3.127E+03	1.530E+00
267	3	15	-3.234E+00	-5.143E-02	-2.790E-01	-3.260E+03	-3.223E+02	7.220E+01	-2.716E-02	-3.258E+00	1.658E+00	-3.205E+02	-3.262E+03	1.546E+00
267	3	16	-3.245E+00	-5.120E-02	-2.746E-01	-3.259E+03	-3.227E+02	7.241E+01	-2.777E-02	-3.269E+00	1.656E+00	-3.209E+02	-3.261E+03	1.546E+00
267	4	1	3.519E+00	-7.692E-01	-8.053E-01	-8.692E+03	-1.161E+03	-1.079E+02	3.665E+00	-9.154E-01	-1.796E-01	-1.159E+03	-8.694E+03	1.585E+00
267	4	2	3.508E+00	-7.656E-01	-8.010E-01	-8.693E+03	-1.161E+03	-1.075E+02	3.653E+00	-9.108E-01	-1.793E-01	-1.160E+03	-8.694E+03	1.585E+00
267	4	3	4.722E+00	-1.071E+00	-1.167E+00	-8.621E+03	-1.105E+03	-7.169E+01	4.948E+00	-1.297E+00	-1.915E-01	-1.104E+03	-8.621E+03	1.580E+00

267	4	4	4.711E+00	-1.067E+00	-1.163E+00	-8.621E+03	-1.106E+03	-7.129E+01	4.936E+00	-1.293E+00	-1.913E-01	-1.105E+03	-8.622E+03	1.580E+00
267	4	5	3.507E+00	-7.692E-01	-8.071E-01	-8.691E+03	-1.161E+03	-1.041E+02	3.654E+00	-9.165E-01	-1.805E-01	-1.159E+03	-8.693E+03	1.585E+00
267	4	6	3.496E+00	-7.656E-01	-8.028E-01	-8.692E+03	-1.161E+03	-1.036E+02	3.642E+00	-9.118E-01	-1.801E-01	-1.160E+03	-8.693E+03	1.585E+00
267	4	7	4.710E+00	-1.071E+00	-1.169E+00	-8.620E+03	-1.105E+03	-6.787E+01	4.937E+00	-1.298E+00	-1.921E-01	-1.104E+03	-8.620E+03	1.580E+00
267	4	8	4.699E+00	-1.067E+00	-1.164E+00	-8.620E+03	-1.106E+03	-6.746E+01	4.925E+00	-1.294E+00	-1.919E-01	-1.105E+03	-8.621E+03	1.580E+00
267	4	9	-5.068E+00	-1.124E-01	-6.317E-01	-7.807E+03	-8.164E+02	1.487E+02	-3.317E-02	-5.147E+00	1.696E+00	-8.133E+02	-7.810E+03	1.550E+00
267	4	10	-5.079E+00	-1.089E-01	-6.274E-01	-7.807E+03	-8.173E+02	1.491E+02	-3.088E-02	-5.157E+00	1.694E+00	-8.141E+02	-7.811E+03	1.549E+00
267	4	11	-3.865E+00	-4.142E-01	-9.933E-01	-7.735E+03	-7.607E+02	1.849E+02	-1.487E-01	-4.130E+00	1.832E+00	-7.558E+02	-7.740E+03	1.544E+00
267	4	12	-3.876E+00	-4.107E-01	-9.890E-01	-7.736E+03	-7.615E+02	1.853E+02	-1.483E-01	-4.138E+00	1.830E+00	-7.566E+02	-7.741E+03	1.544E+00
267	4	13	-5.079E+00	-1.125E-01	-6.335E-01	-7.806E+03	-8.164E+02	1.526E+02	-3.293E-02	-5.159E+00	1.696E+00	-8.131E+02	-7.809E+03	1.549E+00
267	4	14	-5.091E+00	-1.089E-01	-6.292E-01	-7.806E+03	-8.172E+02	1.530E+02	-3.064E-02	-5.169E+00	1.695E+00	-8.139E+02	-7.810E+03	1.549E+00
267	4	15	-3.876E+00	-4.143E-01	-9.951E-01	-7.734E+03	-7.606E+02	1.888E+02	-1.486E-01	-4.142E+00	1.832E+00	-7.555E+02	-7.739E+03	1.544E+00
267	4	16	-3.888E+00	-4.107E-01	-9.908E-01	-7.735E+03	-7.614E+02	1.892E+02	-1.482E-01	-4.150E+00	1.830E+00	-7.563E+02	-7.740E+03	1.544E+00
268	1	1	-1.235E+00	3.699E-01	-1.583E-01	3.421E+03	2.990E+03	-1.982E+03	3.853E-01	-1.250E+00	1.668E+00	5.199E+03	1.212E+03	-7.312E-01
268	1	2	-1.233E+00	3.693E-01	-1.587E-01	3.420E+03	2.989E+03	-1.981E+03	3.848E-01	-1.249E+00	1.669E+00	5.197E+03	1.212E+03	-7.312E-01
268	1	3	-1.557E+00	4.959E-01	-3.540E-01	3.531E+03	3.093E+03	-2.118E+03	5.552E-01	-1.616E+00	1.737E+00	5.441E+03	1.183E+03	-7.339E-01
268	1	4	-1.555E+00	4.953E-01	-3.545E-01	3.530E+03	3.092E+03	-2.117E+03	5.548E-01	-1.614E+00	1.737E+00	5.439E+03	1.183E+03	-7.338E-01
268	1	5	-1.227E+00	3.639E-01	-1.465E-01	3.418E+03	2.986E+03	-1.983E+03	3.773E-01	-1.241E+00	1.662E+00	5.197E+03	1.208E+03	-7.312E-01
268	1	6	-1.225E+00	3.633E-01	-1.470E-01	3.417E+03	2.985E+03	-1.981E+03	3.768E-01	-1.239E+00	1.662E+00	5.194E+03	1.208E+03	-7.311E-01
268	1	7	-1.549E+00	4.899E-01	-3.423E-01	3.528E+03	3.089E+03	-2.119E+03	5.458E-01	-1.605E+00	1.733E+00	5.439E+03	1.179E+03	-7.338E-01
268	1	8	-1.547E+00	4.893E-01	-3.428E-01	3.527E+03	3.088E+03	-2.117E+03	5.454E-01	-1.604E+00	1.733E+00	5.436E+03	1.179E+03	-7.338E-01
268	1	9	2.867E+00	-1.394E+00	2.582E+00	2.112E+03	1.757E+03	-1.224E+03	4.084E+00	-2.611E+00	4.404E-01	3.171E+03	6.977E+02	-7.134E-01
268	1	10	2.869E+00	-1.395E+00	2.581E+00	2.111E+03	1.756E+03	-1.222E+03	4.085E+00	-2.611E+00	4.403E-01	3.168E+03	6.981E+02	-7.133E-01
268	1	11	2.545E+00	-1.268E+00	2.386E+00	2.222E+03	1.860E+03	-1.360E+03	3.693E+00	-2.416E+00	4.483E-01	3.413E+03	6.692E+02	-7.193E-01
268	1	12	2.547E+00	-1.269E+00	2.385E+00	2.221E+03	1.859E+03	-1.358E+03	3.694E+00	-2.415E+00	4.481E-01	3.410E+03	6.696E+02	-7.192E-01
268	1	13	2.875E+00	-1.400E+00	2.593E+00	2.109E+03	1.753E+03	-1.224E+03	4.098E+00	-2.623E+00	4.408E-01	3.168E+03	6.939E+02	-7.133E-01
268	1	14	2.876E+00	-1.400E+00	2.593E+00	2.108E+03	1.752E+03	-1.223E+03	4.099E+00	-2.623E+00	4.406E-01	3.166E+03	6.943E+02	-7.132E-01
268	1	15	2.553E+00	-1.274E+00	2.398E+00	2.219E+03	1.856E+03	-1.360E+03	3.707E+00	-2.428E+00	4.486E-01	3.410E+03	6.654E+02	-7.192E-01
268	1	16	2.554E+00	-1.275E+00	2.397E+00	2.218E+03	1.855E+03	-1.359E+03	3.708E+00	-2.428E+00	4.484E-01	3.407E+03	6.659E+02	-7.191E-01
268	2	1	-3.723E-01	1.737E-01	4.474E-02	5.285E+02	2.275E+03	-1.429E+03	1.773E-01	-3.759E-01	1.490E+00	3.076E+03	-2.732E+02	2.082E+00
268	2	2	-3.718E-01	1.742E-01	4.435E-02	5.279E+02	2.273E+03	-1.429E+03	1.778E-01	-3.754E-01	1.490E+00	3.075E+03	-2.735E+02	2.082E+00
268	2	3	-4.599E-01	3.850E-01	-5.700E-02	5.803E+02	2.396E+03	-1.471E+03	3.888E-01	-4.637E-01	1.638E+00	3.217E+03	-2.403E+02	2.080E+00
268	2	4	-4.594E-01	3.855E-01	-5.738E-02	5.797E+02	2.395E+03	-1.470E+03	3.893E-01	-4.633E-01	1.638E+00	3.215E+03	-2.406E+02	2.080E+00
268	2	5	-3.722E-01	1.611E-01	5.127E-02	5.285E+02	2.273E+03	-1.428E+03	1.660E-01	-3.771E-01	1.476E+00	3.074E+03	-2.722E+02	2.082E+00
268	2	6	-3.717E-01	1.616E-01	5.088E-02	5.279E+02	2.272E+03	-1.427E+03	1.664E-01	-3.766E-01	1.477E+00	3.072E+03	-2.726E+02	2.082E+00
268	2	7	-4.599E-01	3.724E-01	-5.047E-02	5.803E+02	2.395E+03	-1.469E+03	3.755E-01	-4.629E-01	1.631E+00	3.215E+03	-2.393E+02	2.080E+00
268	2	8	-4.594E-01	3.729E-01	-5.085E-02	5.797E+02	2.394E+03	-1.469E+03	3.760E-01	-4.625E-01	1.632E+00	3.213E+03	-2.397E+02	2.080E+00
268	2	9	6.053E-01	-2.768E+00	1.284E+00	2.432E+02	1.345E+03	-9.609E+02	1.039E+00	-3.201E+00	3.254E-01	1.901E+03	-3.136E+02	2.096E+00
268	2	10	6.058E-01	-2.768E+00	1.284E+00	2.426E+02	1.343E+03	-9.604E+02	1.039E+00	-3.201E+00	3.253E-01	1.900E+03	-3.140E+02	2.096E+00
268	2	11	5.177E-01	-2.557E+00	1.183E+00	2.950E+02	1.466E+03	-1.003E+03	9.199E-01	-2.959E+00	3.278E-01	2.042E+03	-2.805E+02	2.092E+00
268	2	12	5.182E-01	-2.556E+00	1.182E+00	2.944E+02	1.465E+03	-1.002E+03	9.202E-01	-2.958E+00	3.278E-01	2.040E+03	-2.808E+02	2.092E+00
268	2	13	6.054E-01	-2.781E+00	1.291E+00	2.432E+02	1.343E+03	-9.594E+02	1.041E+00	-3.217E+00	3.257E-01	1.899E+03	-3.127E+02	2.096E+00
268	2	14	6.059E-01	-2.780E+00	1.290E+00	2.426E+02	1.342E+03	-9.589E+02	1.042E+00	-3.216E+00	3.256E-01	1.898E+03	-3.130E+02	2.096E+00

268	2	15	5.177E-01	-2.570E+00	1.189E+00	2.950E+02	1.465E+03	-1.001E+03	9.226E-01	-2.974E+00	3.282E-01	2.040E+03	-2.796E+02	2.092E+00
268	2	16	5.182E-01	-2.569E+00	1.189E+00	2.944E+02	1.464E+03	-1.001E+03	9.229E-01	-2.974E+00	3.281E-01	2.038E+03	-2.799E+02	2.092E+00
268	3	1	5.045E-01	-5.854E-02	-1.504E-01	2.074E+03	4.053E+02	-1.241E+03	5.422E-01	-9.617E-02	-2.453E-01	2.735E+03	-2.559E+02	-4.895E-01
268	3	2	5.043E-01	-5.864E-02	-1.502E-01	2.074E+03	4.056E+02	-1.241E+03	5.419E-01	-9.623E-02	-2.452E-01	2.735E+03	-2.554E+02	-4.895E-01
268	3	3	7.290E-01	-5.075E-02	-2.441E-01	2.023E+03	3.702E+02	-1.261E+03	7.991E-01	-1.208E-01	-2.796E-01	2.705E+03	-3.112E+02	-4.954E-01
268	3	4	7.288E-01	-5.085E-02	-2.439E-01	2.023E+03	3.706E+02	-1.261E+03	7.988E-01	-1.209E-01	-2.796E-01	2.705E+03	-3.108E+02	-4.954E-01
268	3	5	4.918E-01	-5.959E-02	-1.446E-01	2.070E+03	4.049E+02	-1.240E+03	5.274E-01	-9.520E-02	-2.415E-01	2.731E+03	-2.559E+02	-4.897E-01
268	3	6	4.915E-01	-5.970E-02	-1.445E-01	2.070E+03	4.053E+02	-1.240E+03	5.271E-01	-9.526E-02	-2.414E-01	2.731E+03	-2.554E+02	-4.897E-01
268	3	7	7.163E-01	-5.180E-02	-2.383E-01	2.020E+03	3.699E+02	-1.260E+03	7.842E-01	-1.197E-01	-2.776E-01	2.701E+03	-3.113E+02	-4.956E-01
268	3	8	7.160E-01	-5.191E-02	-2.381E-01	2.020E+03	3.703E+02	-1.260E+03	7.839E-01	-1.198E-01	-2.776E-01	2.701E+03	-3.108E+02	-4.956E-01
268	3	9	-2.874E+00	-1.034E-02	1.228E+00	1.649E+03	5.483E+02	-9.610E+02	4.443E-01	-3.328E+00	1.216E+00	2.206E+03	-8.742E+00	-5.253E-01
268	3	10	-2.874E+00	-1.045E-02	1.228E+00	1.649E+03	5.487E+02	-9.608E+02	4.443E-01	-3.329E+00	1.216E+00	2.206E+03	-8.267E+00	-5.253E-01
268	3	11	-2.649E+00	-2.552E-03	1.135E+00	1.599E+03	5.133E+02	-9.813E+02	4.172E-01	-3.069E+00	1.216E+00	2.177E+03	-6.537E+01	-5.328E-01
268	3	12	-2.649E+00	-2.659E-03	1.135E+00	1.599E+03	5.136E+02	-9.811E+02	4.172E-01	-3.069E+00	1.216E+00	2.177E+03	-6.490E+01	-5.328E-01
268	3	13	-2.886E+00	-1.140E-02	1.234E+00	1.646E+03	5.480E+02	-9.598E+02	4.456E-01	-3.344E+00	1.216E+00	2.202E+03	-8.817E+00	-5.257E-01
268	3	14	-2.887E+00	-1.150E-02	1.234E+00	1.646E+03	5.483E+02	-9.595E+02	4.456E-01	-3.344E+00	1.216E+00	2.202E+03	-8.342E+00	-5.257E-01
268	3	15	-2.662E+00	-3.606E-03	1.140E+00	1.595E+03	5.130E+02	-9.801E+02	4.185E-01	-3.084E+00	1.216E+00	2.174E+03	-6.546E+01	-5.332E-01
268	3	16	-2.662E+00	-3.713E-03	1.140E+00	1.595E+03	5.133E+02	-9.799E+02	4.185E-01	-3.084E+00	1.216E+00	2.174E+03	-6.499E+01	-5.332E-01
268	4	1	-3.052E-01	3.115E-02	-3.504E-01	4.261E+03	1.640E+03	-7.796E+02	2.516E-01	-5.257E-01	2.132E+00	4.475E+03	1.426E+03	-2.683E-01
268	4	2	-3.042E-01	2.996E-02	-3.503E-01	4.261E+03	1.641E+03	-7.796E+02	2.510E-01	-5.253E-01	2.134E+00	4.475E+03	1.426E+03	-2.684E-01
268	4	3	-4.203E-01	1.666E-01	-5.440E-01	4.344E+03	1.565E+03	-7.564E+02	4.913E-01	-7.450E-01	2.109E+00	4.536E+03	1.373E+03	-2.493E-01
268	4	4	-4.193E-01	1.654E-01	-5.440E-01	4.344E+03	1.566E+03	-7.564E+02	4.906E-01	-7.445E-01	2.110E+00	4.536E+03	1.373E+03	-2.494E-01
268	4	5	-3.106E-01	3.671E-02	-3.394E-01	4.255E+03	1.637E+03	-7.776E+02	2.443E-01	-5.182E-01	2.120E+00	4.469E+03	1.423E+03	-2.680E-01
268	4	6	-3.096E-01	3.551E-02	-3.394E-01	4.255E+03	1.637E+03	-7.776E+02	2.437E-01	-5.177E-01	2.121E+00	4.469E+03	1.424E+03	-2.681E-01
268	4	7	-4.256E-01	1.722E-01	-5.331E-01	4.338E+03	1.562E+03	-7.544E+02	4.844E-01	-7.379E-01	2.101E+00	4.530E+03	1.370E+03	-2.489E-01
268	4	8	-4.246E-01	1.710E-01	-5.330E-01	4.338E+03	1.563E+03	-7.544E+02	4.837E-01	-7.374E-01	2.101E+00	4.530E+03	1.371E+03	-2.490E-01
268	4	9	-5.593E-01	1.257E+00	2.529E+00	3.023E+03	1.319E+03	-8.613E+02	3.036E+00	-2.338E+00	9.578E-01	3.382E+03	9.599E+02	-3.955E-01
268	4	10	-5.583E-01	1.256E+00	2.529E+00	3.023E+03	1.320E+03	-8.613E+02	3.035E+00	-2.338E+00	9.576E-01	3.382E+03	9.603E+02	-3.956E-01
268	4	11	-6.744E-01	1.393E+00	2.335E+00	3.106E+03	1.245E+03	-8.381E+02	2.913E+00	-2.194E+00	9.938E-01	3.428E+03	9.231E+02	-3.666E-01
268	4	12	-6.734E-01	1.392E+00	2.335E+00	3.106E+03	1.245E+03	-8.381E+02	2.912E+00	-2.194E+00	9.936E-01	3.428E+03	9.235E+02	-3.667E-01
268	4	13	-5.646E-01	1.263E+00	2.540E+00	3.017E+03	1.316E+03	-8.593E+02	3.048E+00	-2.350E+00	9.581E-01	3.376E+03	9.577E+02	-3.953E-01
268	4	14	-5.636E-01	1.262E+00	2.540E+00	3.017E+03	1.317E+03	-8.594E+02	3.048E+00	-2.350E+00	9.579E-01	3.376E+03	9.582E+02	-3.954E-01
268	4	15	-6.797E-01	1.398E+00	2.346E+00	3.100E+03	1.242E+03	-8.361E+02	2.925E+00	-2.206E+00	9.939E-01	3.421E+03	9.209E+02	-3.664E-01
268	4	16	-6.787E-01	1.397E+00	2.346E+00	3.100E+03	1.242E+03	-8.362E+02	2.925E+00	-2.206E+00	9.937E-01	3.421E+03	9.213E+02	-3.665E-01
269	1	1	-1.405E+00	9.758E-02	-7.018E-01	1.876E+03	4.204E+02	1.202E+03	3.743E-01	-1.682E+00	1.946E+00	2.553E+03	-2.568E+02	5.131E-01
269	1	2	-1.408E+00	9.781E-02	-7.028E-01	1.876E+03	4.203E+02	1.201E+03	3.749E-01	-1.685E+00	1.946E+00	2.552E+03	-2.566E+02	5.131E-01
269	1	3	-1.234E+00	1.610E-01	-6.138E-01	1.770E+03	3.732E+02	1.167E+03	3.926E-01	-1.466E+00	1.932E+00	2.432E+03	-2.885E+02	5.158E-01
269	1	4	-1.236E+00	1.613E-01	-6.148E-01	1.770E+03	3.732E+02	1.167E+03	3.932E-01	-1.468E+00	1.932E+00	2.432E+03	-2.884E+02	5.157E-01
269	1	5	-1.416E+00	9.692E-02	-7.075E-01	1.875E+03	4.206E+02	1.201E+03	3.762E-01	-1.695E+00	1.947E+00	2.552E+03	-2.558E+02	5.130E-01
269	1	6	-1.418E+00	9.714E-02	-7.085E-01	1.875E+03	4.206E+02	1.200E+03	3.768E-01	-1.698E+00	1.947E+00	2.551E+03	-2.556E+02	5.130E-01
269	1	7	-1.245E+00	1.604E-01	-6.194E-01	1.770E+03	3.735E+02	1.166E+03	3.945E-01	-1.479E+00	1.932E+00	2.431E+03	-2.876E+02	5.157E-01
269	1	8	-1.247E+00	1.606E-01	-6.205E-01	1.769E+03	3.734E+02	1.166E+03	3.951E-01	-1.481E+00	1.932E+00	2.430E+03	-2.874E+02	5.157E-01
269	1	9	-1.109E+00	-1.181E-02	-5.905E-01	1.940E+03	4.372E+02	1.250E+03	2.455E-01	-1.367E+00	1.982E+00	2.648E+03	-2.699E+02	5.147E-01

269	1	10	-1.111E+00	-1.159E-02	-5.915E-01	1.940E+03	4.372E+02	1.250E+03	2.462E-01	-1.369E+00	1.982E+00	2.647E+03	-2.697E+02	5.147E-01
269	1	11	-9.379E-01	5.165E-02	-5.025E-01	1.835E+03	3.901E+02	1.216E+03	2.620E-01	-1.148E+00	1.967E+00	2.527E+03	-3.016E+02	5.173E-01
269	1	12	-9.400E-01	5.187E-02	-5.035E-01	1.835E+03	3.901E+02	1.215E+03	2.627E-01	-1.151E+00	1.967E+00	2.526E+03	-3.015E+02	5.173E-01
269	1	13	-1.120E+00	-1.248E-02	-5.962E-01	1.940E+03	4.375E+02	1.249E+03	2.475E-01	-1.380E+00	1.982E+00	2.646E+03	-2.689E+02	5.147E-01
269	1	14	-1.122E+00	-1.225E-02	-5.972E-01	1.940E+03	4.374E+02	1.249E+03	2.481E-01	-1.382E+00	1.982E+00	2.646E+03	-2.687E+02	5.147E-01
269	1	15	-9.485E-01	5.098E-02	-5.081E-01	1.834E+03	3.904E+02	1.215E+03	2.640E-01	-1.161E+00	1.968E+00	2.525E+03	-3.007E+02	5.172E-01
269	1	16	-9.505E-01	5.120E-02	-5.092E-01	1.834E+03	3.903E+02	1.214E+03	2.646E-01	-1.164E+00	1.968E+00	2.525E+03	-3.005E+02	5.172E-01
269	2	1	3.315E-03	-1.147E+00	-5.043E-01	4.471E+02	1.772E+03	1.100E+03	1.931E-01	-1.337E+00	-3.600E-01	2.393E+03	-1.744E+02	1.056E+00
269	2	2	3.194E-03	-1.149E+00	-5.053E-01	4.471E+02	1.771E+03	1.100E+03	1.934E-01	-1.339E+00	-3.600E-01	2.393E+03	-1.744E+02	1.056E+00
269	2	3	-5.794E-03	-1.306E+00	-5.706E-01	4.784E+02	1.812E+03	1.080E+03	2.091E-01	-1.521E+00	-3.602E-01	2.414E+03	-1.241E+02	1.062E+00
269	2	4	-5.915E-03	-1.308E+00	-5.715E-01	4.784E+02	1.811E+03	1.080E+03	2.094E-01	-1.523E+00	-3.603E-01	2.413E+03	-1.241E+02	1.062E+00
269	2	5	2.252E-03	-1.157E+00	-5.092E-01	4.467E+02	1.769E+03	1.099E+03	1.941E-01	-1.349E+00	-3.603E-01	2.390E+03	-1.747E+02	1.056E+00
269	2	6	2.131E-03	-1.159E+00	-5.101E-01	4.467E+02	1.768E+03	1.099E+03	1.944E-01	-1.351E+00	-3.604E-01	2.389E+03	-1.746E+02	1.056E+00
269	2	7	-6.856E-03	-1.316E+00	-5.754E-01	4.780E+02	1.808E+03	1.079E+03	2.101E-01	-1.533E+00	-3.606E-01	2.411E+03	-1.244E+02	1.062E+00
269	2	8	-6.977E-03	-1.318E+00	-5.763E-01	4.780E+02	1.808E+03	1.079E+03	2.103E-01	-1.535E+00	-3.606E-01	2.410E+03	-1.244E+02	1.062E+00
269	2	9	-4.935E-02	-8.055E-01	-3.953E-01	4.411E+02	1.852E+03	1.132E+03	1.196E-01	-9.744E-01	-4.038E-01	2.480E+03	-1.869E+02	1.064E+00
269	2	10	-4.947E-02	-8.075E-01	-3.962E-01	4.411E+02	1.852E+03	1.131E+03	1.198E-01	-9.768E-01	-4.038E-01	2.480E+03	-1.869E+02	1.064E+00
269	2	11	-5.846E-02	-9.643E-01	-4.615E-01	4.724E+02	1.892E+03	1.112E+03	1.353E-01	-1.158E+00	-3.974E-01	2.501E+03	-1.369E+02	1.069E+00
269	2	12	-5.858E-02	-9.663E-01	-4.625E-01	4.724E+02	1.891E+03	1.112E+03	1.355E-01	-1.160E+00	-3.974E-01	2.501E+03	-1.368E+02	1.069E+00
269	2	13	-5.042E-02	-8.159E-01	-4.001E-01	4.407E+02	1.849E+03	1.131E+03	1.205E-01	-9.869E-01	-4.038E-01	2.477E+03	-1.872E+02	1.064E+00
269	2	14	-5.054E-02	-8.179E-01	-4.010E-01	4.407E+02	1.849E+03	1.131E+03	1.208E-01	-9.892E-01	-4.038E-01	2.476E+03	-1.871E+02	1.064E+00
269	2	15	-5.952E-02	-9.748E-01	-4.664E-01	4.720E+02	1.889E+03	1.111E+03	1.362E-01	-1.171E+00	-3.974E-01	2.498E+03	-1.371E+02	1.069E+00
269	2	16	-5.964E-02	-9.767E-01	-4.673E-01	4.720E+02	1.888E+03	1.111E+03	1.365E-01	-1.173E+00	-3.974E-01	2.497E+03	-1.371E+02	1.069E+00
269	3	1	8.835E-01	-5.567E-01	-1.043E+00	1.383E+03	3.638E+03	7.665E+02	1.431E+00	-1.104E+00	-4.833E-01	3.874E+03	1.147E+03	1.272E+00
269	3	2	8.844E-01	-5.574E-01	-1.045E+00	1.382E+03	3.637E+03	7.662E+02	1.433E+00	-1.106E+00	-4.834E-01	3.872E+03	1.146E+03	1.272E+00
269	3	3	7.431E-01	-4.453E-01	-1.184E+00	1.452E+03	3.579E+03	7.944E+02	1.474E+00	-1.176E+00	-5.529E-01	3.843E+03	1.188E+03	1.250E+00
269	3	4	7.440E-01	-4.460E-01	-1.186E+00	1.452E+03	3.578E+03	7.941E+02	1.476E+00	-1.178E+00	-5.529E-01	3.842E+03	1.188E+03	1.250E+00
269	3	5	8.883E-01	-5.619E-01	-1.052E+00	1.380E+03	3.633E+03	7.647E+02	1.441E+00	-1.115E+00	-4.837E-01	3.868E+03	1.145E+03	1.273E+00
269	3	6	8.892E-01	-5.626E-01	-1.054E+00	1.379E+03	3.632E+03	7.643E+02	1.443E+00	-1.116E+00	-4.838E-01	3.867E+03	1.144E+03	1.273E+00
269	3	7	7.479E-01	-4.505E-01	-1.193E+00	1.450E+03	3.575E+03	7.926E+02	1.484E+00	-1.187E+00	-5.527E-01	3.838E+03	1.187E+03	1.250E+00
269	3	8	7.488E-01	-4.512E-01	-1.195E+00	1.449E+03	3.574E+03	7.922E+02	1.486E+00	-1.189E+00	-5.528E-01	3.837E+03	1.186E+03	1.250E+00
269	3	9	6.633E-01	-5.135E-01	-7.678E-01	1.441E+03	3.793E+03	8.040E+02	1.042E+00	-8.924E-01	-4.584E-01	4.041E+03	1.192E+03	1.271E+00
269	3	10	6.643E-01	-5.142E-01	-7.696E-01	1.440E+03	3.792E+03	8.036E+02	1.044E+00	-8.942E-01	-4.587E-01	4.040E+03	1.192E+03	1.271E+00
269	3	11	5.229E-01	-4.021E-01	-9.090E-01	1.511E+03	3.734E+03	8.319E+02	1.080E+00	-9.595E-01	-5.501E-01	4.011E+03	1.234E+03	1.250E+00
269	3	12	5.239E-01	-4.028E-01	-9.108E-01	1.510E+03	3.733E+03	8.315E+02	1.082E+00	-9.614E-01	-5.501E-01	4.010E+03	1.234E+03	1.250E+00
269	3	13	6.681E-01	-5.187E-01	-7.767E-01	1.438E+03	3.788E+03	8.021E+02	1.052E+00	-9.028E-01	-4.592E-01	4.036E+03	1.190E+03	1.271E+00
269	3	14	6.691E-01	-5.194E-01	-7.785E-01	1.438E+03	3.787E+03	8.018E+02	1.054E+00	-9.045E-01	-4.594E-01	4.035E+03	1.190E+03	1.271E+00
269	3	15	5.277E-01	-4.073E-01	-9.180E-01	1.508E+03	3.730E+03	8.300E+02	1.090E+00	-9.700E-01	-5.499E-01	4.006E+03	1.232E+03	1.250E+00
269	3	16	5.287E-01	-4.080E-01	-9.198E-01	1.508E+03	3.729E+03	8.297E+02	1.093E+00	-9.718E-01	-5.499E-01	4.004E+03	1.232E+03	1.250E+00
269	4	1	-4.636E-01	7.431E-01	-1.313E+00	2.397E+03	2.804E+03	1.691E+03	1.585E+00	-1.306E+00	2.141E+00	4.304E+03	8.975E+02	8.452E-01
269	4	2	-4.646E-01	7.446E-01	-1.315E+00	2.397E+03	2.803E+03	1.691E+03	1.588E+00	-1.308E+00	2.141E+00	4.303E+03	8.971E+02	8.452E-01
269	4	3	-5.469E-01	9.659E-01	-1.155E+00	2.320E+03	2.724E+03	1.570E+03	1.590E+00	-1.171E+00	2.066E+00	4.105E+03	9.388E+02	8.494E-01
269	4	4	-5.479E-01	9.675E-01	-1.157E+00	2.319E+03	2.723E+03	1.570E+03	1.593E+00	-1.173E+00	2.066E+00	4.104E+03	9.384E+02	8.494E-01

269	4	5	-4.683E-01	7.476E-01	-1.323E+00	2.395E+03	2.802E+03	1.691E+03	1.596E+00	-1.317E+00	2.141E+00	4.302E+03	8.952E+02	8.453E-01
269	4	6	-4.693E-01	7.492E-01	-1.325E+00	2.394E+03	2.801E+03	1.691E+03	1.598E+00	-1.319E+00	2.141E+00	4.301E+03	8.947E+02	8.453E-01
269	4	7	-5.516E-01	9.705E-01	-1.165E+00	2.317E+03	2.722E+03	1.570E+03	1.601E+00	-1.182E+00	2.067E+00	4.103E+03	9.365E+02	8.495E-01
269	4	8	-5.526E-01	9.720E-01	-1.166E+00	2.316E+03	2.721E+03	1.570E+03	1.603E+00	-1.184E+00	2.067E+00	4.102E+03	9.360E+02	8.495E-01
269	4	9	-3.349E-01	3.356E-01	-1.036E+00	2.509E+03	2.918E+03	1.739E+03	1.089E+00	-1.088E+00	2.200E+00	4.464E+03	9.628E+02	8.439E-01
269	4	10	-3.359E-01	3.371E-01	-1.038E+00	2.509E+03	2.917E+03	1.738E+03	1.092E+00	-1.090E+00	2.199E+00	4.463E+03	9.624E+02	8.439E-01
269	4	11	-4.182E-01	5.584E-01	-8.771E-01	2.431E+03	2.838E+03	1.618E+03	1.074E+00	-9.338E-01	2.102E+00	4.265E+03	1.004E+03	8.479E-01
269	4	12	-4.192E-01	5.600E-01	-8.790E-01	2.431E+03	2.837E+03	1.618E+03	1.077E+00	-9.358E-01	2.102E+00	4.264E+03	1.004E+03	8.479E-01
269	4	13	-3.396E-01	3.401E-01	-1.046E+00	2.507E+03	2.916E+03	1.739E+03	1.100E+00	-1.099E+00	2.199E+00	4.462E+03	9.605E+02	8.440E-01
269	4	14	-3.406E-01	3.417E-01	-1.048E+00	2.506E+03	2.915E+03	1.739E+03	1.102E+00	-1.101E+00	2.199E+00	4.461E+03	9.600E+02	8.440E-01
269	4	15	-4.229E-01	5.630E-01	-8.869E-01	2.429E+03	2.836E+03	1.618E+03	1.085E+00	-9.447E-01	2.103E+00	4.263E+03	1.002E+03	8.480E-01
269	4	16	-4.239E-01	5.645E-01	-8.888E-01	2.428E+03	2.835E+03	1.618E+03	1.087E+00	-9.467E-01	2.102E+00	4.262E+03	1.001E+03	8.480E-01
270	1	1	1.007E+00	3.519E-01	6.830E-01	-4.251E+02	4.748E+02	2.846E+02	1.437E+00	-7.810E-02	5.619E-01	5.573E+02	-5.076E+02	1.289E+00
270	1	2	1.008E+00	3.501E-01	6.833E-01	-4.255E+02	4.748E+02	2.842E+02	1.437E+00	-7.937E-02	5.612E-01	5.570E+02	-5.077E+02	1.289E+00
270	1	3	7.246E-01	-6.549E-01	2.667E-01	-3.600E+02	6.978E+02	3.227E+02	7.744E-01	-7.047E-01	1.845E-01	7.885E+02	-4.507E+02	1.297E+00
270	1	4	7.254E-01	-6.566E-01	2.670E-01	-3.604E+02	6.978E+02	3.222E+02	7.752E-01	-7.064E-01	1.844E-01	7.882E+02	-4.508E+02	1.297E+00
270	1	5	1.012E+00	3.471E-01	6.882E-01	-4.274E+02	4.732E+02	2.823E+02	1.444E+00	-8.488E-02	5.605E-01	5.543E+02	-5.086E+02	1.291E+00
270	1	6	1.012E+00	3.453E-01	6.885E-01	-4.278E+02	4.731E+02	2.819E+02	1.444E+00	-8.616E-02	5.598E-01	5.541E+02	-5.087E+02	1.291E+00
270	1	7	7.295E-01	-6.597E-01	2.719E-01	-3.623E+02	6.961E+02	3.204E+02	7.808E-01	-7.111E-01	1.866E-01	7.856E+02	-4.517E+02	1.299E+00
270	1	8	7.303E-01	-6.615E-01	2.722E-01	-3.627E+02	6.961E+02	3.199E+02	7.816E-01	-7.128E-01	1.864E-01	7.853E+02	-4.519E+02	1.299E+00
270	1	9	7.713E-01	2.928E-01	5.355E-01	-3.725E+02	4.192E+02	3.352E+02	1.119E+00	-5.451E-02	5.753E-01	5.421E+02	-4.954E+02	1.219E+00
270	1	10	7.721E-01	2.910E-01	5.358E-01	-3.729E+02	4.192E+02	3.348E+02	1.119E+00	-5.576E-02	5.744E-01	5.418E+02	-4.954E+02	1.220E+00
270	1	11	4.891E-01	-7.140E-01	1.193E-01	-3.074E+02	6.422E+02	3.733E+02	5.009E-01	-7.257E-01	9.787E-02	7.714E+02	-4.366E+02	1.238E+00
270	1	12	4.899E-01	-7.158E-01	1.195E-01	-3.078E+02	6.422E+02	3.729E+02	5.017E-01	-7.275E-01	9.787E-02	7.711E+02	-4.366E+02	1.238E+00
270	1	13	7.761E-01	2.879E-01	5.407E-01	-3.748E+02	4.176E+02	3.329E+02	1.125E+00	-6.124E-02	5.734E-01	5.389E+02	-4.961E+02	1.221E+00
270	1	14	7.769E-01	2.862E-01	5.410E-01	-3.752E+02	4.176E+02	3.325E+02	1.126E+00	-6.249E-02	5.725E-01	5.386E+02	-4.962E+02	1.222E+00
270	1	15	4.940E-01	-7.188E-01	1.245E-01	-3.097E+02	6.406E+02	3.710E+02	5.066E-01	-7.315E-01	1.012E-01	7.682E+02	-4.374E+02	1.239E+00
270	1	16	4.948E-01	-7.206E-01	1.247E-01	-3.101E+02	6.406E+02	3.705E+02	5.074E-01	-7.333E-01	1.012E-01	7.679E+02	-4.375E+02	1.240E+00
270	2	1	-1.367E-02	6.173E-01	9.799E-01	-2.584E+02	-3.948E+03	7.840E+01	1.331E+00	-7.276E-01	9.411E-01	-2.567E+02	-3.950E+03	2.124E-02
270	2	2	-1.344E-02	6.156E-01	9.803E-01	-2.586E+02	-3.948E+03	7.770E+01	1.331E+00	-7.284E-01	9.406E-01	-2.569E+02	-3.950E+03	2.105E-02
270	2	3	-3.551E-02	-3.577E-01	5.897E-01	-2.845E+02	-3.850E+03	4.988E+01	4.147E-01	-8.079E-01	6.521E-01	-2.838E+02	-3.851E+03	1.398E-02
270	2	4	-3.528E-02	-3.593E-01	5.901E-01	-2.847E+02	-3.850E+03	4.918E+01	4.146E-01	-8.092E-01	6.514E-01	-2.840E+02	-3.851E+03	1.379E-02
270	2	5	-1.105E-02	6.111E-01	9.836E-01	-2.595E+02	-3.949E+03	7.486E+01	1.332E+00	-7.316E-01	9.385E-01	-2.580E+02	-3.951E+03	2.028E-02
270	2	6	-1.082E-02	6.095E-01	9.841E-01	-2.597E+02	-3.949E+03	7.416E+01	1.331E+00	-7.325E-01	9.381E-01	-2.582E+02	-3.951E+03	2.009E-02
270	2	7	-3.288E-02	-3.639E-01	5.934E-01	-2.856E+02	-3.852E+03	4.633E+01	4.177E-01	-8.145E-01	6.494E-01	-2.850E+02	-3.852E+03	1.299E-02
270	2	8	-3.265E-02	-3.655E-01	5.938E-01	-2.858E+02	-3.852E+03	4.563E+01	4.176E-01	-8.158E-01	6.488E-01	-2.852E+02	-3.852E+03	1.279E-02
270	2	9	5.660E-03	4.430E-01	7.057E-01	-2.357E+02	-3.910E+03	1.833E+02	9.632E-01	-5.144E-01	9.357E-01	-2.266E+02	-3.919E+03	4.972E-02
270	2	10	5.889E-03	4.414E-01	7.061E-01	-2.359E+02	-3.910E+03	1.826E+02	9.626E-01	-5.153E-01	9.350E-01	-2.269E+02	-3.919E+03	4.953E-02
270	2	11	-1.617E-02	-5.319E-01	3.155E-01	-2.619E+02	-3.813E+03	1.548E+02	1.334E-01	-6.815E-01	4.428E-01	-2.552E+02	-3.819E+03	4.348E-02
270	2	12	-1.595E-02	-5.336E-01	3.159E-01	-2.621E+02	-3.813E+03	1.541E+02	1.336E-01	-6.831E-01	4.422E-01	-2.554E+02	-3.819E+03	4.329E-02
270	2	13	8.284E-03	4.369E-01	7.094E-01	-2.368E+02	-3.911E+03	1.798E+02	9.637E-01	-5.185E-01	9.321E-01	-2.281E+02	-3.920E+03	4.876E-02
270	2	14	8.513E-03	4.352E-01	7.098E-01	-2.370E+02	-3.911E+03	1.791E+02	9.631E-01	-5.193E-01	9.314E-01	-2.283E+02	-3.920E+03	4.858E-02
270	2	15	-1.355E-02	-5.381E-01	3.192E-01	-2.630E+02	-3.814E+03	1.512E+02	1.373E-01	-6.890E-01	4.415E-01	-2.566E+02	-3.820E+03	4.249E-02

270	2	16	-1.332E-02	-5.397E-01	3.196E-01	-2.632E+02	-3.814E+03	1.505E+02	1.375E-01	-6.906E-01	4.409E-01	-2.568E+02	-3.820E+03	4.229E-02
270	3	1	-8.264E-01	3.511E-01	1.281E+00	-9.343E+02	-8.268E+03	6.201E+01	1.172E+00	-1.647E+00	1.001E+00	-9.338E+02	-8.269E+03	8.454E-03
270	3	2	-8.266E-01	3.493E-01	1.281E+00	-9.343E+02	-8.268E+03	6.134E+01	1.171E+00	-1.648E+00	1.001E+00	-9.337E+02	-8.269E+03	8.364E-03
270	3	3	-5.245E-01	-6.555E-01	9.083E-01	-1.007E+03	-8.353E+03	3.433E+01	3.207E-01	-1.501E+00	7.494E-01	-1.006E+03	-8.353E+03	4.673E-03
270	3	4	-5.247E-01	-6.572E-01	9.089E-01	-1.007E+03	-8.353E+03	3.367E+01	3.203E-01	-1.502E+00	7.490E-01	-1.006E+03	-8.353E+03	4.583E-03
270	3	5	-8.271E-01	3.462E-01	1.283E+00	-9.346E+02	-8.268E+03	5.836E+01	1.170E+00	-1.651E+00	9.999E-01	-9.342E+02	-8.269E+03	7.957E-03
270	3	6	-8.273E-01	3.445E-01	1.283E+00	-9.346E+02	-8.268E+03	5.770E+01	1.169E+00	-1.652E+00	9.995E-01	-9.341E+02	-8.269E+03	7.867E-03
270	3	7	-5.252E-01	-6.603E-01	9.106E-01	-1.007E+03	-8.353E+03	3.068E+01	3.203E-01	-1.506E+00	7.484E-01	-1.007E+03	-8.353E+03	4.177E-03
270	3	8	-5.254E-01	-6.621E-01	9.112E-01	-1.007E+03	-8.353E+03	3.002E+01	3.200E-01	-1.507E+00	7.480E-01	-1.007E+03	-8.353E+03	4.086E-03
270	3	9	-6.501E-01	2.921E-01	8.796E-01	-9.373E+02	-8.157E+03	1.456E+02	8.189E-01	-1.177E+00	1.031E+00	-9.344E+02	-8.160E+03	2.016E-02
270	3	10	-6.503E-01	2.904E-01	8.802E-01	-9.373E+02	-8.156E+03	1.450E+02	8.180E-01	-1.178E+00	1.031E+00	-9.344E+02	-8.159E+03	2.007E-02
270	3	11	-3.483E-01	-7.144E-01	5.075E-01	-1.010E+03	-8.241E+03	1.179E+02	8.123E-03	-1.071E+00	6.123E-01	-1.008E+03	-8.243E+03	1.630E-02
270	3	12	-3.485E-01	-7.162E-01	5.080E-01	-1.010E+03	-8.241E+03	1.173E+02	7.922E-03	-1.073E+00	6.118E-01	-1.008E+03	-8.243E+03	1.621E-02
270	3	13	-6.509E-01	2.873E-01	8.819E-01	-9.377E+02	-8.157E+03	1.420E+02	8.171E-01	-1.181E+00	1.030E+00	-9.349E+02	-8.160E+03	1.966E-02
270	3	14	-6.511E-01	2.855E-01	8.825E-01	-9.376E+02	-8.157E+03	1.413E+02	8.162E-01	-1.182E+00	1.029E+00	-9.348E+02	-8.159E+03	1.956E-02
270	3	15	-3.490E-01	-7.192E-01	5.097E-01	-1.010E+03	-8.241E+03	1.143E+02	8.173E-03	-1.076E+00	6.112E-01	-1.008E+03	-8.243E+03	1.580E-02
270	3	16	-3.492E-01	-7.210E-01	5.103E-01	-1.010E+03	-8.241E+03	1.136E+02	7.973E-03	-1.078E+00	6.107E-01	-1.008E+03	-8.243E+03	1.571E-02
270	4	1	1.975E-01	8.669E-02	9.796E-01	-7.513E+02	-3.883E+03	7.935E+02	1.123E+00	-8.391E-01	7.572E-01	-5.617E+02	-4.072E+03	2.345E-01
270	4	2	1.978E-01	8.478E-02	9.800E-01	-7.514E+02	-3.883E+03	7.927E+02	1.123E+00	-8.403E-01	7.566E-01	-5.622E+02	-4.072E+03	2.344E-01
270	4	3	2.323E-01	-9.536E-01	5.895E-01	-7.136E+02	-3.767E+03	8.588E+02	4.754E-01	-1.197E+00	3.912E-01	-4.886E+02	-3.992E+03	2.562E-01
270	4	4	2.326E-01	-9.555E-01	5.899E-01	-7.137E+02	-3.767E+03	8.579E+02	4.757E-01	-1.199E+00	3.909E-01	-4.891E+02	-3.991E+03	2.560E-01
270	4	5	1.990E-01	8.317E-02	9.833E-01	-7.525E+02	-3.883E+03	7.894E+02	1.126E+00	-8.439E-01	7.560E-01	-5.647E+02	-4.071E+03	2.335E-01
270	4	6	1.993E-01	8.127E-02	9.837E-01	-7.526E+02	-3.883E+03	7.886E+02	1.126E+00	-8.452E-01	7.554E-01	-5.652E+02	-4.070E+03	2.333E-01
270	4	7	2.338E-01	-9.571E-01	5.932E-01	-7.147E+02	-3.767E+03	8.546E+02	4.788E-01	-1.202E+00	3.918E-01	-4.918E+02	-3.990E+03	2.552E-01
270	4	8	2.341E-01	-9.590E-01	5.936E-01	-7.148E+02	-3.767E+03	8.538E+02	4.791E-01	-1.204E+00	3.915E-01	-4.922E+02	-3.990E+03	2.550E-01
270	4	9	1.189E-01	1.428E-01	7.054E-01	-7.326E+02	-3.864E+03	8.998E+02	8.364E-01	-5.747E-01	7.939E-01	-4.925E+02	-4.104E+03	2.608E-01
270	4	10	1.192E-01	1.409E-01	7.058E-01	-7.328E+02	-3.864E+03	8.990E+02	8.360E-01	-5.758E-01	7.931E-01	-4.930E+02	-4.104E+03	2.606E-01
270	4	11	1.536E-01	-8.974E-01	3.153E-01	-6.949E+02	-3.749E+03	9.650E+02	2.410E-01	-9.848E-01	2.702E-01	-4.155E+02	-4.028E+03	2.818E-01
270	4	12	1.540E-01	-8.993E-01	3.157E-01	-6.950E+02	-3.748E+03	9.642E+02	2.414E-01	-9.867E-01	2.700E-01	-4.160E+02	-4.027E+03	2.817E-01
270	4	13	1.204E-01	1.393E-01	7.092E-01	-7.338E+02	-3.865E+03	8.956E+02	8.391E-01	-5.794E-01	7.921E-01	-4.957E+02	-4.103E+03	2.598E-01
270	4	14	1.207E-01	1.374E-01	7.096E-01	-7.339E+02	-3.865E+03	8.948E+02	8.387E-01	-5.806E-01	7.913E-01	-4.962E+02	-4.102E+03	2.596E-01
270	4	15	1.551E-01	-9.010E-01	3.191E-01	-6.960E+02	-3.749E+03	9.609E+02	2.440E-01	-9.899E-01	2.718E-01	-4.188E+02	-4.026E+03	2.809E-01
270	4	16	1.555E-01	-9.029E-01	3.195E-01	-6.961E+02	-3.749E+03	9.601E+02	2.444E-01	-9.918E-01	2.716E-01	-4.193E+02	-4.026E+03	2.807E-01
271	1	1	-7.278E-01	1.032E+00	-9.438E-01	-9.706E+02	-8.246E+03	4.309E+01	1.442E+00	-1.138E+00	1.981E+00	-9.704E+02	-8.246E+03	5.923E-03
271	1	2	-7.277E-01	1.032E+00	-9.436E-01	-9.705E+02	-8.246E+03	4.249E+01	1.443E+00	-1.138E+00	1.981E+00	-9.703E+02	-8.246E+03	5.840E-03
271	1	3	-4.198E-01	1.903E-02	-5.517E-01	-1.041E+03	-8.331E+03	-1.460E+01	3.934E-01	-7.941E-01	2.167E+00	-1.041E+03	-8.331E+03	-2.002E-03
271	1	4	-4.197E-01	1.939E-02	-5.515E-01	-1.041E+03	-8.331E+03	-1.520E+01	3.934E-01	-7.937E-01	2.167E+00	-1.041E+03	-8.331E+03	-2.086E-03
271	1	5	-7.271E-01	1.037E+00	-9.416E-01	-9.704E+02	-8.246E+03	3.942E+01	1.445E+00	-1.135E+00	1.980E+00	-9.702E+02	-8.246E+03	5.417E-03
271	1	6	-7.269E-01	1.037E+00	-9.413E-01	-9.703E+02	-8.246E+03	3.881E+01	1.445E+00	-1.135E+00	1.980E+00	-9.701E+02	-8.246E+03	5.334E-03
271	1	7	-4.190E-01	2.390E-02	-5.495E-01	-1.041E+03	-8.331E+03	-1.827E+01	3.949E-01	-7.900E-01	2.165E+00	-1.041E+03	-8.331E+03	-2.506E-03
271	1	8	-4.189E-01	2.426E-02	-5.492E-01	-1.041E+03	-8.331E+03	-1.888E+01	3.949E-01	-7.895E-01	2.164E+00	-1.041E+03	-8.331E+03	-2.590E-03
271	1	9	-7.580E-01	-4.031E-01	-1.241E+00	-9.071E+02	-8.176E+03	1.569E+02	6.734E-01	-1.834E+00	2.285E+00	-9.037E+02	-8.180E+03	2.157E-02
271	1	10	-7.579E-01	-4.027E-01	-1.241E+00	-9.070E+02	-8.176E+03	1.563E+02	6.734E-01	-1.834E+00	2.285E+00	-9.036E+02	-8.180E+03	2.149E-02

271	1	11	-4.500E-01	-1.416E+00	-8.492E-01	-9.774E+02	-8.262E+03	9.922E+01	4.398E-02	-1.910E+00	-5.268E-01	-9.761E+02	-8.263E+03	1.362E-02
271	1	12	-4.499E-01	-1.416E+00	-8.489E-01	-9.773E+02	-8.262E+03	9.861E+01	4.390E-02	-1.909E+00	-5.268E-01	-9.760E+02	-8.263E+03	1.353E-02
271	1	13	-7.573E-01	-3.982E-01	-1.239E+00	-9.069E+02	-8.177E+03	1.532E+02	6.743E-01	-1.830E+00	2.284E+00	-9.037E+02	-8.180E+03	2.107E-02
271	1	14	-7.572E-01	-3.978E-01	-1.239E+00	-9.068E+02	-8.177E+03	1.526E+02	6.742E-01	-1.829E+00	2.284E+00	-9.036E+02	-8.180E+03	2.098E-02
271	1	15	-4.492E-01	-1.411E+00	-8.470E-01	-9.772E+02	-8.262E+03	9.554E+01	4.378E-02	-1.904E+00	-5.272E-01	-9.759E+02	-8.263E+03	1.311E-02
271	1	16	-4.491E-01	-1.411E+00	-8.467E-01	-9.771E+02	-8.262E+03	9.494E+01	4.371E-02	-1.904E+00	-5.271E-01	-9.759E+02	-8.263E+03	1.303E-02
271	2	1	1.558E-02	1.106E+00	-8.481E-01	-2.334E+02	-4.038E+03	-1.395E+02	1.569E+00	-4.474E-01	2.071E+00	-2.283E+02	-4.043E+03	-3.660E-02
271	2	2	1.533E-02	1.106E+00	-8.477E-01	-2.332E+02	-4.038E+03	-1.401E+02	1.569E+00	-4.472E-01	2.070E+00	-2.281E+02	-4.043E+03	-3.676E-02
271	2	3	1.434E-03	1.297E-01	-4.452E-01	-2.559E+02	-3.941E+03	-2.113E+02	5.154E-01	-3.843E-01	2.285E+00	-2.438E+02	-3.953E+03	-5.710E-02
271	2	4	1.182E-03	1.301E-01	-4.448E-01	-2.557E+02	-3.940E+03	-2.119E+02	5.152E-01	-3.838E-01	2.284E+00	-2.436E+02	-3.953E+03	-5.726E-02
271	2	5	1.296E-02	1.112E+00	-8.444E-01	-2.323E+02	-4.037E+03	-1.431E+02	1.570E+00	-4.449E-01	2.068E+00	-2.270E+02	-4.042E+03	-3.754E-02
271	2	6	1.270E-02	1.113E+00	-8.440E-01	-2.322E+02	-4.037E+03	-1.437E+02	1.570E+00	-4.447E-01	2.067E+00	-2.267E+02	-4.042E+03	-3.770E-02
271	2	7	-1.191E-03	1.359E-01	-4.415E-01	-2.548E+02	-3.940E+03	-2.149E+02	5.141E-01	-3.794E-01	2.279E+00	-2.423E+02	-3.952E+03	-5.807E-02
271	2	8	-1.443E-03	1.363E-01	-4.411E-01	-2.546E+02	-3.939E+03	-2.155E+02	5.139E-01	-3.790E-01	2.279E+00	-2.421E+02	-3.952E+03	-5.822E-02
271	2	9	-1.211E-02	-7.811E-02	-8.696E-01	-2.783E+02	-3.836E+03	2.271E+01	8.251E-01	-9.153E-01	-7.664E-01	-2.782E+02	-3.836E+03	6.384E-03
271	2	10	-1.237E-02	-7.766E-02	-8.692E-01	-2.781E+02	-3.836E+03	2.213E+01	8.248E-01	-9.148E-01	-7.666E-01	-2.780E+02	-3.836E+03	6.220E-03
271	2	11	-2.626E-02	-1.054E+00	-4.667E-01	-3.008E+02	-3.739E+03	-4.912E+01	1.540E-01	-1.235E+00	-3.686E-01	-3.001E+02	-3.740E+03	-1.428E-02
271	2	12	-2.651E-02	-1.054E+00	-4.663E-01	-3.006E+02	-3.739E+03	-4.970E+01	1.536E-01	-1.234E+00	-3.685E-01	-2.999E+02	-3.739E+03	-1.445E-02
271	2	13	-1.474E-02	-7.192E-02	-8.659E-01	-2.772E+02	-3.835E+03	1.911E+01	8.230E-01	-9.097E-01	-7.689E-01	-2.771E+02	-3.835E+03	5.372E-03
271	2	14	-1.499E-02	-7.146E-02	-8.655E-01	-2.770E+02	-3.835E+03	1.853E+01	8.227E-01	-9.092E-01	-7.691E-01	-2.769E+02	-3.835E+03	5.208E-03
271	2	15	-2.888E-02	-1.048E+00	-4.630E-01	-2.997E+02	-3.738E+03	-5.272E+01	1.500E-01	-1.227E+00	-3.687E-01	-2.989E+02	-3.739E+03	-1.533E-02
271	2	16	-2.914E-02	-1.048E+00	-4.626E-01	-2.995E+02	-3.738E+03	-5.330E+01	1.496E-01	-1.227E+00	-3.687E-01	-2.987E+02	-3.738E+03	-1.550E-02
271	3	1	8.266E-01	1.033E+00	-7.567E-01	-4.048E+02	2.365E+02	-2.487E+02	1.693E+00	1.660E-01	2.289E+00	3.216E+02	-4.899E+02	1.901E+00
271	3	2	8.260E-01	1.033E+00	-7.562E-01	-4.044E+02	2.368E+02	-2.491E+02	1.693E+00	1.663E-01	2.288E+00	3.222E+02	-4.898E+02	1.901E+00
271	3	3	5.115E-01	1.949E-02	-3.339E-01	-3.208E+02	4.680E+02	-3.320E+02	6.803E-01	-1.493E-01	-4.679E-01	5.891E+02	-4.419E+02	1.921E+00
271	3	4	5.110E-01	1.986E-02	-3.335E-01	-3.205E+02	4.682E+02	-3.324E+02	6.795E-01	-1.487E-01	-4.680E-01	5.896E+02	-4.419E+02	1.921E+00
271	3	5	8.217E-01	1.038E+00	-7.515E-01	-4.024E+02	2.381E+02	-2.510E+02	1.689E+00	1.705E-01	2.285E+00	3.248E+02	-4.891E+02	1.903E+00
271	3	6	8.212E-01	1.038E+00	-7.510E-01	-4.021E+02	2.384E+02	-2.514E+02	1.688E+00	1.708E-01	2.285E+00	3.253E+02	-4.890E+02	1.904E+00
271	3	7	5.067E-01	2.435E-02	-3.288E-01	-3.184E+02	4.696E+02	-3.344E+02	6.732E-01	-1.422E-01	-4.690E-01	5.924E+02	-4.412E+02	1.923E+00
271	3	8	5.061E-01	2.472E-02	-3.283E-01	-3.181E+02	4.699E+02	-3.348E+02	6.725E-01	-1.416E-01	-4.691E-01	5.929E+02	-4.411E+02	1.923E+00
271	3	9	1.015E+00	-4.023E-01	-5.021E-01	-4.420E+02	6.243E+02	-2.965E+02	1.175E+00	-5.622E-01	-3.083E-01	7.012E+02	-5.189E+02	1.825E+00
271	3	10	1.014E+00	-4.019E-01	-5.017E-01	-4.417E+02	6.246E+02	-2.969E+02	1.174E+00	-5.616E-01	-3.082E-01	7.017E+02	-5.188E+02	1.825E+00
271	3	11	6.997E-01	-1.415E+00	-7.941E-02	-3.580E+02	8.558E+02	-3.798E+02	7.027E-01	-1.418E+00	-3.747E-02	9.648E+02	-4.671E+02	1.850E+00
271	3	12	6.991E-01	-1.415E+00	-7.894E-02	-3.577E+02	8.560E+02	-3.802E+02	7.021E-01	-1.418E+00	-3.727E-02	9.653E+02	-4.670E+02	1.851E+00
271	3	13	1.010E+00	-3.974E-01	-4.970E-01	-4.397E+02	6.260E+02	-2.988E+02	1.168E+00	-5.552E-01	-3.075E-01	7.040E+02	-5.177E+02	1.826E+00
271	3	14	1.009E+00	-3.970E-01	-4.965E-01	-4.393E+02	6.262E+02	-2.992E+02	1.167E+00	-5.546E-01	-3.074E-01	7.045E+02	-5.176E+02	1.827E+00
271	3	15	6.948E-01	-1.411E+00	-7.422E-02	-3.557E+02	8.574E+02	-3.821E+02	6.975E-01	-1.413E+00	-3.519E-02	9.678E+02	-4.660E+02	1.852E+00
271	3	16	6.943E-01	-1.410E+00	-7.375E-02	-3.553E+02	8.577E+02	-3.825E+02	6.969E-01	-1.413E+00	-3.499E-02	9.682E+02	-4.659E+02	1.852E+00
271	4	1	5.901E-02	9.596E-01	-8.478E-01	-7.768E+02	-4.007E+03	-8.767E+02	1.469E+00	-4.507E-01	2.112E+00	-5.542E+02	-4.229E+03	-2.487E-01
271	4	2	5.882E-02	9.599E-01	-8.474E-01	-7.766E+02	-4.007E+03	-8.774E+02	1.469E+00	-4.504E-01	2.112E+00	-5.537E+02	-4.230E+03	-2.488E-01
271	4	3	1.145E-01	-9.209E-02	-4.451E-01	-7.422E+02	-3.886E+03	-9.928E+02	4.681E-01	-4.457E-01	-6.714E-01	-4.550E+02	-4.174E+03	-2.816E-01
271	4	4	1.143E-01	-9.180E-02	-4.447E-01	-7.420E+02	-3.886E+03	-9.934E+02	4.677E-01	-4.452E-01	-6.715E-01	-4.545E+02	-4.174E+03	-2.818E-01
271	4	5	5.751E-02	9.632E-01	-8.441E-01	-7.757E+02	-4.007E+03	-8.810E+02	1.468E+00	-4.475E-01	2.110E+00	-5.511E+02	-4.231E+03	-2.496E-01

271	4	6	5.733E-02	9.635E-01	-8.437E-01	-7.755E+02	-4.006E+03	-8.816E+02	1.468E+00	-4.473E-01	2.110E+00	-5.506E+02	-4.231E+03	-2.498E-01
271	4	7	1.130E-01	-8.855E-02	-4.413E-01	-7.411E+02	-3.886E+03	-9.970E+02	4.649E-01	-4.404E-01	-6.731E-01	-4.517E+02	-4.176E+03	-2.825E-01
271	4	8	1.129E-01	-8.826E-02	-4.409E-01	-7.409E+02	-3.886E+03	-9.977E+02	4.646E-01	-4.400E-01	-6.733E-01	-4.512E+02	-4.176E+03	-2.827E-01
271	4	9	2.447E-01	-7.263E-01	-8.693E-01	-7.192E+02	-3.752E+03	-7.132E+02	7.548E-01	-1.236E+00	-5.307E-01	-5.598E+02	-3.911E+03	-2.198E-01
271	4	10	2.445E-01	-7.260E-01	-8.689E-01	-7.190E+02	-3.751E+03	-7.138E+02	7.544E-01	-1.236E+00	-5.307E-01	-5.594E+02	-3.911E+03	-2.200E-01
271	4	11	3.002E-01	-1.778E+00	-4.665E-01	-6.846E+02	-3.631E+03	-8.292E+02	4.001E-01	-1.878E+00	-2.110E-01	-4.673E+02	-3.848E+03	-2.563E-01
271	4	12	3.000E-01	-1.778E+00	-4.661E-01	-6.844E+02	-3.631E+03	-8.298E+02	3.998E-01	-1.878E+00	-2.109E-01	-4.668E+02	-3.849E+03	-2.565E-01
271	4	13	2.432E-01	-7.228E-01	-8.655E-01	-7.181E+02	-3.751E+03	-7.174E+02	7.514E-01	-1.231E+00	-5.309E-01	-5.569E+02	-3.912E+03	-2.209E-01
271	4	14	2.430E-01	-7.225E-01	-8.652E-01	-7.179E+02	-3.751E+03	-7.181E+02	7.510E-01	-1.230E+00	-5.309E-01	-5.565E+02	-3.913E+03	-2.211E-01
271	4	15	2.987E-01	-1.774E+00	-4.628E-01	-6.835E+02	-3.631E+03	-8.334E+02	3.973E-01	-1.873E+00	-2.099E-01	-4.641E+02	-3.850E+03	-2.573E-01
271	4	16	2.985E-01	-1.774E+00	-4.624E-01	-6.833E+02	-3.631E+03	-8.341E+02	3.970E-01	-1.873E+00	-2.098E-01	-4.636E+02	-3.850E+03	-2.575E-01
272	1	1	6.230E-01	-5.304E-01	5.032E-01	1.429E+03	3.899E+03	-7.306E+02	8.117E-01	-7.191E-01	3.587E-01	4.099E+03	1.229E+03	1.838E+00
272	1	2	6.225E-01	-5.299E-01	5.022E-01	1.430E+03	3.899E+03	-7.310E+02	8.106E-01	-7.181E-01	3.584E-01	4.099E+03	1.230E+03	1.838E+00
272	1	3	4.202E-01	-3.835E-01	7.854E-01	1.533E+03	3.761E+03	-7.983E+02	9.006E-01	-8.639E-01	5.489E-01	4.018E+03	1.276E+03	1.882E+00
272	1	4	4.197E-01	-3.830E-01	7.844E-01	1.533E+03	3.762E+03	-7.986E+02	8.994E-01	-8.628E-01	5.489E-01	4.019E+03	1.276E+03	1.882E+00
272	1	5	6.182E-01	-5.252E-01	4.942E-01	1.432E+03	3.903E+03	-7.325E+02	8.022E-01	-7.092E-01	3.564E-01	4.104E+03	1.231E+03	1.838E+00
272	1	6	6.177E-01	-5.247E-01	4.932E-01	1.433E+03	3.904E+03	-7.329E+02	8.011E-01	-7.082E-01	3.561E-01	4.105E+03	1.232E+03	1.838E+00
272	1	7	4.154E-01	-3.783E-01	7.764E-01	1.536E+03	3.766E+03	-8.002E+02	8.905E-01	-8.534E-01	5.491E-01	4.024E+03	1.278E+03	1.882E+00
272	1	8	4.149E-01	-3.778E-01	7.754E-01	1.536E+03	3.767E+03	-8.006E+02	8.893E-01	-8.523E-01	5.491E-01	4.025E+03	1.278E+03	1.882E+00
272	1	9	1.015E+00	-6.094E-01	1.225E+00	1.324E+03	3.553E+03	-7.766E+02	1.672E+00	-1.267E+00	4.928E-01	3.797E+03	1.080E+03	1.875E+00
272	1	10	1.014E+00	-6.090E-01	1.224E+00	1.324E+03	3.553E+03	-7.769E+02	1.671E+00	-1.266E+00	4.927E-01	3.797E+03	1.080E+03	1.875E+00
272	1	11	8.117E-01	-4.625E-01	1.507E+00	1.427E+03	3.416E+03	-8.443E+02	1.811E+00	-1.462E+00	5.855E-01	3.726E+03	1.117E+03	1.923E+00
272	1	12	8.112E-01	-4.620E-01	1.506E+00	1.427E+03	3.416E+03	-8.446E+02	1.810E+00	-1.461E+00	5.855E-01	3.727E+03	1.117E+03	1.923E+00
272	1	13	1.010E+00	-6.042E-01	1.216E+00	1.327E+03	3.557E+03	-7.785E+02	1.662E+00	-1.257E+00	4.925E-01	3.802E+03	1.082E+03	1.875E+00
272	1	14	1.009E+00	-6.038E-01	1.215E+00	1.327E+03	3.558E+03	-7.788E+02	1.661E+00	-1.256E+00	4.924E-01	3.803E+03	1.082E+03	1.876E+00
272	1	15	8.069E-01	-4.573E-01	1.499E+00	1.430E+03	3.420E+03	-8.462E+02	1.801E+00	-1.452E+00	5.858E-01	3.731E+03	1.119E+03	1.923E+00
272	1	16	8.064E-01	-4.568E-01	1.497E+00	1.430E+03	3.421E+03	-8.465E+02	1.800E+00	-1.450E+00	5.858E-01	3.732E+03	1.119E+03	1.923E+00
272	2	1	-6.259E-02	-4.998E-01	2.664E-01	4.255E+02	1.842E+03	-1.152E+03	6.345E-02	-6.259E-01	4.418E-01	2.486E+03	-2.183E+02	2.081E+00
272	2	2	-6.246E-02	-4.987E-01	2.659E-01	4.256E+02	1.842E+03	-1.152E+03	6.332E-02	-6.245E-01	4.419E-01	2.486E+03	-2.183E+02	2.080E+00
272	2	3	-5.417E-02	-8.122E-01	4.053E-01	4.592E+02	1.924E+03	-1.124E+03	1.217E-01	-9.881E-01	4.094E-01	2.533E+03	-1.503E+02	2.068E+00
272	2	4	-5.405E-02	-8.111E-01	4.047E-01	4.592E+02	1.924E+03	-1.125E+03	1.216E-01	-9.867E-01	4.094E-01	2.534E+03	-1.503E+02	2.067E+00
272	2	5	-6.152E-02	-4.894E-01	2.616E-01	4.259E+02	1.845E+03	-1.153E+03	6.249E-02	-6.134E-01	4.427E-01	2.489E+03	-2.180E+02	2.080E+00
272	2	6	-6.140E-02	-4.883E-01	2.611E-01	4.260E+02	1.846E+03	-1.153E+03	6.237E-02	-6.121E-01	4.427E-01	2.490E+03	-2.180E+02	2.080E+00
272	2	7	-5.311E-02	-8.018E-01	4.005E-01	4.596E+02	1.927E+03	-1.125E+03	1.207E-01	-9.756E-01	4.096E-01	2.537E+03	-1.501E+02	2.067E+00
272	2	8	-5.299E-02	-8.007E-01	3.999E-01	4.597E+02	1.928E+03	-1.126E+03	1.206E-01	-9.743E-01	4.095E-01	2.537E+03	-1.501E+02	2.067E+00
272	2	9	-1.109E-02	-1.362E+00	5.935E-01	4.548E+02	1.700E+03	-1.076E+03	2.126E-01	-1.586E+00	3.604E-01	2.320E+03	-1.656E+02	2.094E+00
272	2	10	-1.096E-02	-1.361E+00	5.929E-01	4.548E+02	1.701E+03	-1.076E+03	2.125E-01	-1.585E+00	3.604E-01	2.321E+03	-1.656E+02	2.094E+00
272	2	11	-2.671E-03	-1.675E+00	7.323E-01	4.884E+02	1.782E+03	-1.049E+03	2.727E-01	-1.950E+00	3.597E-01	2.367E+03	-9.675E+01	2.080E+00
272	2	12	-2.548E-03	-1.673E+00	7.318E-01	4.885E+02	1.783E+03	-1.049E+03	2.726E-01	-1.949E+00	3.597E-01	2.368E+03	-9.675E+01	2.080E+00
272	2	13	-1.002E-02	-1.352E+00	5.887E-01	4.552E+02	1.703E+03	-1.077E+03	2.116E-01	-1.573E+00	3.601E-01	2.324E+03	-1.653E+02	2.094E+00
272	2	14	-9.902E-03	-1.351E+00	5.881E-01	4.552E+02	1.704E+03	-1.077E+03	2.115E-01	-1.572E+00	3.601E-01	2.324E+03	-1.653E+02	2.094E+00
272	2	15	-1.608E-03	-1.664E+00	7.275E-01	4.889E+02	1.785E+03	-1.050E+03	2.718E-01	-1.938E+00	3.595E-01	2.371E+03	-9.651E+01	2.080E+00
272	2	16	-1.486E-03	-1.663E+00	7.269E-01	4.889E+02	1.786E+03	-1.050E+03	2.717E-01	-1.936E+00	3.594E-01	2.371E+03	-9.650E+01	2.080E+00

272	3	1	-6.664E-01	-9.210E-02	5.523E-01	2.014E+03	4.628E+02	-1.296E+03	2.432E-01	-1.002E+00	1.025E+00	2.749E+03	-2.719E+02	-5.157E-01
272	3	2	-6.652E-01	-9.212E-02	5.517E-01	2.015E+03	4.628E+02	-1.296E+03	2.430E-01	-1.000E+00	1.025E+00	2.749E+03	-2.720E+02	-5.157E-01
272	3	3	-9.969E-01	-2.209E-02	3.865E-01	1.908E+03	4.154E+02	-1.231E+03	1.126E-01	-1.132E+00	1.236E+00	2.602E+03	-2.778E+02	-5.128E-01
272	3	4	-9.957E-01	-2.212E-02	3.859E-01	1.909E+03	4.154E+02	-1.231E+03	1.123E-01	-1.130E+00	1.236E+00	2.602E+03	-2.779E+02	-5.128E-01
272	3	5	-6.558E-01	-9.143E-02	5.466E-01	2.015E+03	4.626E+02	-1.297E+03	2.415E-01	-9.888E-01	1.024E+00	2.750E+03	-2.729E+02	-5.158E-01
272	3	6	-6.546E-01	-9.146E-02	5.460E-01	2.015E+03	4.626E+02	-1.297E+03	2.413E-01	-9.873E-01	1.023E+00	2.751E+03	-2.730E+02	-5.158E-01
272	3	7	-9.864E-01	-2.143E-02	3.808E-01	1.909E+03	4.152E+02	-1.232E+03	1.108E-01	-1.119E+00	1.237E+00	2.603E+03	-2.788E+02	-5.129E-01
272	3	8	-9.852E-01	-2.146E-02	3.802E-01	1.909E+03	4.152E+02	-1.232E+03	1.105E-01	-1.117E+00	1.237E+00	2.603E+03	-2.789E+02	-5.129E-01
272	3	9	-1.416E+00	1.662E-01	8.571E-01	1.799E+03	3.992E+02	-1.174E+03	5.414E-01	-1.791E+00	1.158E+00	2.465E+03	-2.677E+02	-5.166E-01
272	3	10	-1.415E+00	1.661E-01	8.564E-01	1.799E+03	3.992E+02	-1.174E+03	5.411E-01	-1.790E+00	1.158E+00	2.466E+03	-2.678E+02	-5.167E-01
272	3	11	-1.747E+00	2.362E-01	6.913E-01	1.692E+03	3.518E+02	-1.109E+03	4.534E-01	-1.964E+00	1.266E+00	2.318E+03	-2.736E+02	-5.135E-01
272	3	12	-1.746E+00	2.361E-01	6.906E-01	1.693E+03	3.518E+02	-1.109E+03	4.531E-01	-1.962E+00	1.266E+00	2.318E+03	-2.737E+02	-5.135E-01
272	3	13	-1.406E+00	1.668E-01	8.514E-01	1.799E+03	3.989E+02	-1.175E+03	5.395E-01	-1.778E+00	1.158E+00	2.467E+03	-2.687E+02	-5.167E-01
272	3	14	-1.404E+00	1.668E-01	8.507E-01	1.799E+03	3.990E+02	-1.175E+03	5.392E-01	-1.777E+00	1.158E+00	2.467E+03	-2.688E+02	-5.167E-01
272	3	15	-1.736E+00	2.368E-01	6.856E-01	1.693E+03	3.515E+02	-1.110E+03	4.517E-01	-1.951E+00	1.267E+00	2.319E+03	-2.746E+02	-5.136E-01
272	3	16	-1.735E+00	2.368E-01	6.849E-01	1.693E+03	3.516E+02	-1.110E+03	4.514E-01	-1.950E+00	1.267E+00	2.320E+03	-2.747E+02	-5.136E-01
272	4	1	-1.767E-01	-9.053E-03	6.244E-01	2.605E+03	3.023E+03	-1.800E+03	5.371E-01	-7.228E-01	8.521E-01	4.627E+03	1.002E+03	2.298E+00
272	4	2	-1.762E-01	-9.690E-03	6.233E-01	2.606E+03	3.023E+03	-1.800E+03	5.359E-01	-7.217E-01	8.518E-01	4.627E+03	1.002E+03	2.298E+00
272	4	3	-3.267E-01	2.929E-01	9.313E-01	2.502E+03	2.920E+03	-1.685E+03	9.646E-01	-9.983E-01	9.460E-01	4.410E+03	1.013E+03	2.294E+00
272	4	4	-3.261E-01	2.923E-01	9.302E-01	2.503E+03	2.921E+03	-1.685E+03	9.633E-01	-9.971E-01	9.459E-01	4.410E+03	1.014E+03	2.294E+00
272	4	5	-1.720E-01	-1.360E-02	6.145E-01	2.608E+03	3.025E+03	-1.800E+03	5.268E-01	-7.124E-01	8.495E-01	4.629E+03	1.004E+03	2.299E+00
272	4	6	-1.715E-01	-1.424E-02	6.134E-01	2.608E+03	3.025E+03	-1.800E+03	5.256E-01	-7.113E-01	8.491E-01	4.629E+03	1.005E+03	2.299E+00
272	4	7	-3.220E-01	2.884E-01	9.215E-01	2.505E+03	2.922E+03	-1.685E+03	9.539E-01	-9.875E-01	9.453E-01	4.412E+03	1.015E+03	2.295E+00
272	4	8	-3.214E-01	2.877E-01	9.204E-01	2.505E+03	2.923E+03	-1.685E+03	9.526E-01	-9.863E-01	9.452E-01	4.412E+03	1.016E+03	2.295E+00
272	4	9	-5.864E-01	1.033E+00	1.324E+00	2.297E+03	2.700E+03	-1.628E+03	1.775E+00	-1.329E+00	1.060E+00	4.139E+03	8.575E+02	2.295E+00
272	4	10	-5.859E-01	1.032E+00	1.323E+00	2.297E+03	2.700E+03	-1.628E+03	1.774E+00	-1.328E+00	1.060E+00	4.140E+03	8.581E+02	2.295E+00
272	4	11	-7.364E-01	1.335E+00	1.631E+00	2.194E+03	2.597E+03	-1.513E+03	2.231E+00	-1.633E+00	1.068E+00	3.922E+03	8.688E+02	2.290E+00
272	4	12	-7.359E-01	1.334E+00	1.630E+00	2.194E+03	2.598E+03	-1.513E+03	2.230E+00	-1.632E+00	1.068E+00	3.922E+03	8.694E+02	2.290E+00
272	4	13	-5.818E-01	1.028E+00	1.314E+00	2.300E+03	2.702E+03	-1.628E+03	1.764E+00	-1.318E+00	1.060E+00	4.141E+03	8.600E+02	2.295E+00
272	4	14	-5.812E-01	1.027E+00	1.313E+00	2.300E+03	2.702E+03	-1.628E+03	1.763E+00	-1.317E+00	1.060E+00	4.142E+03	8.606E+02	2.295E+00
272	4	15	-7.317E-01	1.330E+00	1.621E+00	2.196E+03	2.599E+03	-1.513E+03	2.220E+00	-1.622E+00	1.069E+00	3.924E+03	8.713E+02	2.290E+00
272	4	16	-7.312E-01	1.329E+00	1.620E+00	2.197E+03	2.600E+03	-1.513E+03	2.219E+00	-1.621E+00	1.069E+00	3.925E+03	8.719E+02	2.290E+00
273	1	1	3.631E-01	-3.150E+00	5.945E-01	2.297E+03	1.821E+03	-1.066E+03	4.610E-01	-3.247E+00	1.632E-01	3.151E+03	9.660E+02	-6.757E-01
273	1	2	3.643E-01	-3.153E+00	5.944E-01	2.296E+03	1.821E+03	-1.066E+03	4.620E-01	-3.251E+00	1.630E-01	3.151E+03	9.664E+02	-6.759E-01
273	1	3	6.714E-01	-2.357E+00	5.551E-02	2.165E+03	1.359E+03	-9.523E+02	6.724E-01	-2.358E+00	1.832E-02	2.796E+03	7.276E+02	-5.852E-01
273	1	4	6.725E-01	-2.361E+00	5.541E-02	2.164E+03	1.359E+03	-9.521E+02	6.735E-01	-2.362E+00	1.826E-02	2.796E+03	7.281E+02	-5.854E-01
273	1	5	3.647E-01	-3.174E+00	5.996E-01	2.296E+03	1.828E+03	-1.067E+03	4.636E-01	-3.273E+00	1.634E-01	3.154E+03	9.700E+02	-6.772E-01
273	1	6	3.659E-01	-3.177E+00	5.995E-01	2.296E+03	1.828E+03	-1.066E+03	4.646E-01	-3.276E+00	1.631E-01	3.154E+03	9.705E+02	-6.774E-01
273	1	7	6.730E-01	-2.382E+00	6.064E-02	2.165E+03	1.365E+03	-9.524E+02	6.742E-01	-2.383E+00	1.984E-02	2.798E+03	7.322E+02	-5.868E-01
273	1	8	6.741E-01	-2.385E+00	6.053E-02	2.164E+03	1.366E+03	-9.522E+02	6.753E-01	-2.386E+00	1.977E-02	2.798E+03	7.327E+02	-5.870E-01
273	1	9	-5.018E-02	-3.060E+00	1.007E+00	2.382E+03	1.799E+03	-1.115E+03	2.558E-01	-3.366E+00	2.949E-01	3.243E+03	9.373E+02	-6.576E-01
273	1	10	-4.902E-02	-3.064E+00	1.007E+00	2.382E+03	1.799E+03	-1.115E+03	2.565E-01	-3.369E+00	2.945E-01	3.243E+03	9.378E+02	-6.577E-01
273	1	11	2.580E-01	-2.268E+00	4.683E-01	2.250E+03	1.337E+03	-1.001E+03	3.421E-01	-2.352E+00	1.776E-01	2.894E+03	6.927E+02	-5.714E-01

273	1	12	2.592E-01	-2.271E+00	4.682E-01	2.250E+03	1.337E+03	-1.001E+03	3.431E-01	-2.355E+00	1.772E-01	2.894E+03	6.932E+02	-5.716E-01
273	1	13	-4.857E-02	-3.084E+00	1.012E+00	2.382E+03	1.806E+03	-1.116E+03	2.581E-01	-3.391E+00	2.941E-01	3.246E+03	9.415E+02	-6.590E-01
273	1	14	-4.741E-02	-3.088E+00	1.012E+00	2.381E+03	1.806E+03	-1.115E+03	2.588E-01	-3.394E+00	2.937E-01	3.246E+03	9.420E+02	-6.592E-01
273	1	15	2.596E-01	-2.292E+00	4.734E-01	2.250E+03	1.343E+03	-1.001E+03	3.447E-01	-2.377E+00	1.777E-01	2.896E+03	6.974E+02	-5.729E-01
273	1	16	2.608E-01	-2.296E+00	4.733E-01	2.250E+03	1.344E+03	-1.001E+03	3.456E-01	-2.380E+00	1.773E-01	2.896E+03	6.980E+02	-5.730E-01
273	2	1	4.653E-01	-4.398E+00	1.200E-01	4.184E+03	-4.151E+03	-1.006E+03	4.682E-01	-4.401E+00	2.465E-02	4.304E+03	-4.271E+03	-1.185E-01
273	2	2	4.660E-01	-4.402E+00	1.193E-01	4.184E+03	-4.149E+03	-1.006E+03	4.689E-01	-4.405E+00	2.449E-02	4.303E+03	-4.269E+03	-1.184E-01
273	2	3	5.527E-01	-3.167E+00	-3.427E-01	4.010E+03	-4.585E+03	-9.143E+02	5.840E-01	-3.198E+00	-9.111E-02	4.106E+03	-4.681E+03	-1.048E-01
273	2	4	5.535E-01	-3.171E+00	-3.433E-01	4.010E+03	-4.583E+03	-9.135E+02	5.849E-01	-3.203E+00	-9.115E-02	4.106E+03	-4.679E+03	-1.047E-01
273	2	5	4.672E-01	-4.428E+00	1.227E-01	4.185E+03	-4.142E+03	-1.004E+03	4.703E-01	-4.431E+00	2.504E-02	4.304E+03	-4.261E+03	-1.183E-01
273	2	6	4.680E-01	-4.433E+00	1.221E-01	4.185E+03	-4.141E+03	-1.003E+03	4.710E-01	-4.436E+00	2.489E-02	4.304E+03	-4.260E+03	-1.182E-01
273	2	7	5.547E-01	-3.197E+00	-3.400E-01	4.011E+03	-4.576E+03	-9.119E+02	5.852E-01	-3.228E+00	-8.965E-02	4.107E+03	-4.672E+03	-1.046E-01
273	2	8	5.554E-01	-3.201E+00	-3.406E-01	4.011E+03	-4.574E+03	-9.112E+02	5.861E-01	-3.232E+00	-8.969E-02	4.107E+03	-4.670E+03	-1.046E-01
273	2	9	2.554E-01	-4.193E+00	6.466E-01	4.269E+03	-4.275E+03	-1.130E+03	3.475E-01	-4.285E+00	1.415E-01	4.416E+03	-4.421E+03	-1.293E-01
273	2	10	2.561E-01	-4.198E+00	6.460E-01	4.269E+03	-4.273E+03	-1.129E+03	3.479E-01	-4.290E+00	1.412E-01	4.416E+03	-4.420E+03	-1.292E-01
273	2	11	3.428E-01	-2.962E+00	1.840E-01	4.095E+03	-4.708E+03	-1.038E+03	3.530E-01	-2.972E+00	5.543E-02	4.216E+03	-4.829E+03	-1.158E-01
273	2	12	3.436E-01	-2.967E+00	1.833E-01	4.095E+03	-4.707E+03	-1.037E+03	3.537E-01	-2.977E+00	5.516E-02	4.215E+03	-4.828E+03	-1.157E-01
273	2	13	2.573E-01	-4.223E+00	6.493E-01	4.270E+03	-4.266E+03	-1.128E+03	3.495E-01	-4.316E+00	1.411E-01	4.416E+03	-4.412E+03	-1.292E-01
273	2	14	2.581E-01	-4.228E+00	6.487E-01	4.270E+03	-4.264E+03	-1.127E+03	3.500E-01	-4.320E+00	1.408E-01	4.416E+03	-4.411E+03	-1.291E-01
273	2	15	3.448E-01	-2.992E+00	1.867E-01	4.096E+03	-4.700E+03	-1.036E+03	3.552E-01	-3.003E+00	5.571E-02	4.216E+03	-4.820E+03	-1.156E-01
273	2	16	3.455E-01	-2.997E+00	1.861E-01	4.096E+03	-4.698E+03	-1.035E+03	3.559E-01	-3.007E+00	5.544E-02	4.216E+03	-4.818E+03	-1.156E-01
273	3	1	-1.258E-01	-3.019E+00	-2.389E-01	2.116E+03	-1.171E+04	-1.973E+02	-1.062E-01	-3.039E+00	-8.183E-02	2.119E+03	-1.171E+04	-1.427E-02
273	3	2	-1.261E-01	-3.022E+00	-2.397E-01	2.116E+03	-1.171E+04	-1.969E+02	-1.064E-01	-3.042E+00	-8.202E-02	2.119E+03	-1.171E+04	-1.424E-02
273	3	3	-1.851E-01	-2.162E+00	-5.617E-01	2.070E+03	-1.194E+04	-1.603E+02	-3.667E-02	-2.310E+00	-2.584E-01	2.072E+03	-1.194E+04	-1.144E-02
273	3	4	-1.854E-01	-2.165E+00	-5.625E-01	2.070E+03	-1.194E+04	-1.599E+02	-3.677E-02	-2.314E+00	-2.584E-01	2.072E+03	-1.194E+04	-1.141E-02
273	3	5	-1.272E-01	-3.043E+00	-2.379E-01	2.117E+03	-1.170E+04	-1.959E+02	-1.079E-01	-3.062E+00	-8.088E-02	2.120E+03	-1.170E+04	-1.417E-02
273	3	6	-1.275E-01	-3.046E+00	-2.387E-01	2.118E+03	-1.170E+04	-1.955E+02	-1.082E-01	-3.065E+00	-8.108E-02	2.120E+03	-1.170E+04	-1.415E-02
273	3	7	-1.865E-01	-2.185E+00	-5.607E-01	2.071E+03	-1.193E+04	-1.590E+02	-4.000E-02	-2.332E+00	-2.556E-01	2.073E+03	-1.194E+04	-1.135E-02
273	3	8	-1.869E-01	-2.189E+00	-5.615E-01	2.072E+03	-1.193E+04	-1.585E+02	-4.010E-02	-2.335E+00	-2.556E-01	2.074E+03	-1.193E+04	-1.132E-02
273	3	9	-2.767E-02	-3.053E+00	2.895E-01	2.108E+03	-1.194E+04	-2.474E+02	-2.138E-04	-3.081E+00	9.455E-02	2.112E+03	-1.194E+04	-1.761E-02
273	3	10	-2.799E-02	-3.057E+00	2.887E-01	2.108E+03	-1.193E+04	-2.470E+02	-7.131E-04	-3.084E+00	9.420E-02	2.112E+03	-1.194E+04	-1.758E-02
273	3	11	-8.699E-02	-2.196E+00	-3.330E-02	2.062E+03	-1.217E+04	-2.105E+02	-8.646E-02	-2.197E+00	-1.578E-02	2.065E+03	-1.217E+04	-1.479E-02
273	3	12	-8.731E-02	-2.199E+00	-3.413E-02	2.062E+03	-1.217E+04	-2.100E+02	-8.676E-02	-2.200E+00	-1.615E-02	2.065E+03	-1.217E+04	-1.476E-02
273	3	13	-2.909E-02	-3.077E+00	2.905E-01	2.109E+03	-1.193E+04	-2.461E+02	-1.639E-03	-3.104E+00	9.420E-02	2.114E+03	-1.193E+04	-1.752E-02
273	3	14	-2.941E-02	-3.080E+00	2.897E-01	2.109E+03	-1.193E+04	-2.457E+02	-2.138E-03	-3.107E+00	9.385E-02	2.114E+03	-1.193E+04	-1.750E-02
273	3	15	-8.841E-02	-2.220E+00	-3.230E-02	2.063E+03	-1.216E+04	-2.091E+02	-8.792E-02	-2.220E+00	-1.515E-02	2.066E+03	-1.216E+04	-1.470E-02
273	3	16	-8.872E-02	-2.223E+00	-3.313E-02	2.064E+03	-1.216E+04	-2.087E+02	-8.821E-02	-2.223E+00	-1.552E-02	2.067E+03	-1.216E+04	-1.467E-02
273	4	1	-2.627E-01	-1.773E+00	2.285E-01	5.223E+02	-5.973E+03	-1.641E+03	-2.289E-01	-1.806E+00	1.469E-01	9.135E+02	-6.365E+03	-2.340E-01
273	4	2	-2.626E-01	-1.775E+00	2.282E-01	5.222E+02	-5.972E+03	-1.641E+03	-2.290E-01	-1.809E+00	1.465E-01	9.133E+02	-6.363E+03	-2.339E-01
273	4	3	-3.172E-02	-1.351E+00	-1.563E-01	5.803E+02	-6.257E+03	-1.584E+03	-1.345E-02	-1.369E+00	-1.164E-01	9.297E+02	-6.606E+03	-2.170E-01
273	4	4	-3.162E-02	-1.353E+00	-1.566E-01	5.803E+02	-6.256E+03	-1.584E+03	-1.331E-02	-1.371E+00	-1.164E-01	9.295E+02	-6.605E+03	-2.170E-01
273	4	5	-2.645E-01	-1.790E+00	2.319E-01	5.215E+02	-5.967E+03	-1.640E+03	-2.300E-01	-1.825E+00	1.475E-01	9.124E+02	-6.358E+03	-2.340E-01
273	4	6	-2.644E-01	-1.792E+00	2.315E-01	5.215E+02	-5.966E+03	-1.639E+03	-2.301E-01	-1.827E+00	1.471E-01	9.122E+02	-6.357E+03	-2.340E-01

273	4	7	-3.348E-02	-1.368E+00	-1.529E-01	5.796E+02	-6.250E+03	-1.583E+03	-1.619E-02	-1.386E+00	-1.126E-01	9.286E+02	-6.599E+03	-2.170E-01
273	4	8	-3.339E-02	-1.370E+00	-1.532E-01	5.795E+02	-6.249E+03	-1.582E+03	-1.605E-02	-1.388E+00	-1.127E-01	9.284E+02	-6.598E+03	-2.170E-01
273	4	9	-3.680E-01	-1.922E+00	6.430E-01	5.248E+02	-6.106E+03	-1.728E+03	-1.364E-01	-2.154E+00	3.457E-01	9.478E+02	-6.529E+03	-2.402E-01
273	4	10	-3.679E-01	-1.924E+00	6.427E-01	5.247E+02	-6.105E+03	-1.727E+03	-1.368E-01	-2.155E+00	3.452E-01	9.476E+02	-6.528E+03	-2.401E-01
273	4	11	-1.370E-01	-1.500E+00	2.582E-01	5.828E+02	-6.389E+03	-1.671E+03	-8.972E-02	-1.547E+00	1.811E-01	9.624E+02	-6.769E+03	-2.234E-01
273	4	12	-1.369E-01	-1.502E+00	2.579E-01	5.828E+02	-6.388E+03	-1.670E+03	-8.981E-02	-1.549E+00	1.806E-01	9.622E+02	-6.768E+03	-2.234E-01
273	4	13	-3.698E-01	-1.940E+00	6.464E-01	5.240E+02	-6.100E+03	-1.726E+03	-1.379E-01	-2.171E+00	3.445E-01	9.468E+02	-6.522E+03	-2.402E-01
273	4	14	-3.697E-01	-1.942E+00	6.461E-01	5.240E+02	-6.099E+03	-1.725E+03	-1.382E-01	-2.173E+00	3.440E-01	9.466E+02	-6.521E+03	-2.402E-01
273	4	15	-1.388E-01	-1.518E+00	2.616E-01	5.821E+02	-6.383E+03	-1.669E+03	-9.079E-02	-1.565E+00	1.814E-01	9.614E+02	-6.762E+03	-2.235E-01
273	4	16	-1.387E-01	-1.520E+00	2.613E-01	5.820E+02	-6.382E+03	-1.669E+03	-9.088E-02	-1.568E+00	1.809E-01	9.612E+02	-6.761E+03	-2.234E-01
274	1	1	-2.573E-01	-2.127E+00	-1.256E+00	-4.153E+03	-2.072E+03	-1.210E+03	3.739E-01	-2.758E+00	-4.656E-01	-1.517E+03	-4.708E+03	2.001E+00
274	1	2	-2.596E-01	-2.129E+00	-1.258E+00	-4.153E+03	-2.072E+03	-1.209E+03	3.733E-01	-2.762E+00	-4.660E-01	-1.517E+03	-4.708E+03	2.001E+00
274	1	3	-1.209E+00	-1.439E+00	-1.423E+00	-4.053E+03	-2.258E+03	-1.275E+03	1.037E-01	-2.751E+00	-7.451E-01	-1.596E+03	-4.715E+03	2.050E+00
274	1	4	-1.211E+00	-1.441E+00	-1.425E+00	-4.052E+03	-2.257E+03	-1.275E+03	1.035E-01	-2.755E+00	-7.452E-01	-1.596E+03	-4.714E+03	2.049E+00
274	1	5	-2.633E-01	-2.142E+00	-1.266E+00	-4.153E+03	-2.068E+03	-1.207E+03	3.735E-01	-2.779E+00	-4.662E-01	-1.516E+03	-4.705E+03	2.000E+00
274	1	6	-2.656E-01	-2.144E+00	-1.268E+00	-4.152E+03	-2.067E+03	-1.206E+03	3.729E-01	-2.782E+00	-4.666E-01	-1.515E+03	-4.704E+03	2.000E+00
274	1	7	-1.215E+00	-1.453E+00	-1.432E+00	-4.052E+03	-2.253E+03	-1.272E+03	1.028E-01	-2.771E+00	-7.438E-01	-1.595E+03	-4.711E+03	2.048E+00
274	1	8	-1.217E+00	-1.455E+00	-1.434E+00	-4.052E+03	-2.253E+03	-1.271E+03	1.026E-01	-2.775E+00	-7.439E-01	-1.595E+03	-4.710E+03	2.048E+00
274	1	9	-1.810E-01	-2.071E+00	-4.033E-01	-4.154E+03	-2.184E+03	-1.291E+03	-9.856E-02	-2.154E+00	-2.017E-01	-1.545E+03	-4.793E+03	2.030E+00
274	1	10	-1.833E-01	-2.073E+00	-4.053E-01	-4.154E+03	-2.183E+03	-1.291E+03	-1.000E-01	-2.157E+00	-2.026E-01	-1.545E+03	-4.793E+03	2.030E+00
274	1	11	-1.133E+00	-1.383E+00	-5.696E-01	-4.054E+03	-2.369E+03	-1.357E+03	-6.745E-01	-1.841E+00	-6.773E-01	-1.615E+03	-4.809E+03	2.078E+00
274	1	12	-1.135E+00	-1.385E+00	-5.716E-01	-4.054E+03	-2.369E+03	-1.356E+03	-6.747E-01	-1.845E+00	-6.778E-01	-1.615E+03	-4.808E+03	2.078E+00
274	1	13	-1.870E-01	-2.086E+00	-4.124E-01	-4.154E+03	-2.179E+03	-1.288E+03	-1.013E-01	-2.172E+00	-2.049E-01	-1.544E+03	-4.790E+03	2.029E+00
274	1	14	-1.892E-01	-2.088E+00	-4.144E-01	-4.154E+03	-2.178E+03	-1.287E+03	-1.027E-01	-2.175E+00	-2.058E-01	-1.544E+03	-4.789E+03	2.029E+00
274	1	15	-1.139E+00	-1.398E+00	-5.788E-01	-4.054E+03	-2.365E+03	-1.353E+03	-6.750E-01	-1.861E+00	-6.753E-01	-1.614E+03	-4.805E+03	2.077E+00
274	1	16	-1.141E+00	-1.400E+00	-5.808E-01	-4.054E+03	-2.364E+03	-1.353E+03	-6.752E-01	-1.865E+00	-6.758E-01	-1.614E+03	-4.804E+03	2.077E+00
274	2	1	-7.779E-02	6.704E-02	-1.157E+00	-8.048E+03	-7.159E+03	-6.004E+02	1.154E+00	-1.165E+00	2.325E+00	-6.856E+03	-8.350E+03	2.038E+00
274	2	2	-7.919E-02	6.693E-02	-1.158E+00	-8.048E+03	-7.159E+03	-5.999E+02	1.155E+00	-1.167E+00	2.325E+00	-6.857E+03	-8.350E+03	2.037E+00
274	2	3	-7.820E-01	1.347E-01	-8.577E-01	-8.005E+03	-7.317E+03	-6.389E+02	6.488E-01	-1.296E+00	2.111E+00	-6.936E+03	-8.387E+03	2.109E+00
274	2	4	-7.834E-01	1.346E-01	-8.587E-01	-8.005E+03	-7.317E+03	-6.383E+02	6.493E-01	-1.298E+00	2.111E+00	-6.936E+03	-8.386E+03	2.109E+00
274	2	5	-8.151E-02	6.648E-02	-1.164E+00	-8.049E+03	-7.159E+03	-5.977E+02	1.159E+00	-1.174E+00	2.324E+00	-6.859E+03	-8.349E+03	2.036E+00
274	2	6	-8.291E-02	6.637E-02	-1.165E+00	-8.049E+03	-7.159E+03	-5.972E+02	1.159E+00	-1.176E+00	2.324E+00	-6.859E+03	-8.348E+03	2.036E+00
274	2	7	-7.858E-01	1.342E-01	-8.644E-01	-8.006E+03	-7.317E+03	-6.362E+02	6.533E-01	-1.305E+00	2.112E+00	-6.938E+03	-8.385E+03	2.108E+00
274	2	8	-7.872E-01	1.340E-01	-8.655E-01	-8.006E+03	-7.317E+03	-6.356E+02	6.538E-01	-1.307E+00	2.112E+00	-6.938E+03	-8.384E+03	2.108E+00
274	2	9	-2.261E-01	1.558E-01	-5.512E-01	-7.945E+03	-7.186E+03	-7.075E+02	5.482E-01	-6.185E-01	2.189E+00	-6.762E+03	-8.368E+03	2.110E+00
274	2	10	-2.275E-01	1.556E-01	-5.522E-01	-7.945E+03	-7.186E+03	-7.070E+02	5.486E-01	-6.204E-01	2.189E+00	-6.763E+03	-8.368E+03	2.110E+00
274	2	11	-9.303E-01	2.234E-01	-2.515E-01	-7.902E+03	-7.344E+03	-7.460E+02	2.759E-01	-9.828E-01	1.776E+00	-6.827E+03	-8.419E+03	2.177E+00
274	2	12	-9.317E-01	2.233E-01	-2.526E-01	-7.902E+03	-7.344E+03	-7.454E+02	2.761E-01	-9.845E-01	1.777E+00	-6.827E+03	-8.419E+03	2.177E+00
274	2	13	-2.298E-01	1.552E-01	-5.579E-01	-7.945E+03	-7.186E+03	-7.048E+02	5.529E-01	-6.275E-01	2.190E+00	-6.765E+03	-8.366E+03	2.109E+00
274	2	14	-2.312E-01	1.551E-01	-5.590E-01	-7.945E+03	-7.186E+03	-7.043E+02	5.533E-01	-6.294E-01	2.190E+00	-6.765E+03	-8.366E+03	2.109E+00
274	2	15	-9.340E-01	2.229E-01	-2.582E-01	-7.903E+03	-7.344E+03	-7.433E+02	2.779E-01	-9.890E-01	1.781E+00	-6.829E+03	-8.417E+03	2.176E+00
274	2	16	-9.354E-01	2.228E-01	-2.593E-01	-7.903E+03	-7.344E+03	-7.427E+02	2.781E-01	-9.908E-01	1.781E+00	-6.830E+03	-8.417E+03	2.176E+00
274	3	1	1.009E-01	-2.303E+00	-1.257E+00	-4.435E+03	-9.069E+03	-2.008E+03	6.383E-01	-2.840E+00	-4.039E-01	-3.687E+03	-9.818E+03	-3.570E-01

274	3	2	1.004E-01	-2.306E+00	-1.259E+00	-4.435E+03	-9.069E+03	-2.007E+03	6.388E-01	-2.844E+00	-4.041E-01	-3.687E+03	-9.817E+03	-3.570E-01
274	3	3	-3.581E-01	-1.777E+00	-1.424E+00	-4.402E+03	-9.395E+03	-1.994E+03	5.230E-01	-2.658E+00	-5.542E-01	-3.703E+03	-1.009E+04	-3.370E-01
274	3	4	-3.586E-01	-1.780E+00	-1.426E+00	-4.401E+03	-9.395E+03	-1.994E+03	5.237E-01	-2.662E+00	-5.542E-01	-3.703E+03	-1.009E+04	-3.370E-01
274	3	5	9.941E-02	-2.319E+00	-1.266E+00	-4.435E+03	-9.066E+03	-2.007E+03	6.411E-01	-2.861E+00	-4.042E-01	-3.687E+03	-9.814E+03	-3.570E-01
274	3	6	9.886E-02	-2.322E+00	-1.268E+00	-4.435E+03	-9.066E+03	-2.006E+03	6.416E-01	-2.865E+00	-4.043E-01	-3.687E+03	-9.814E+03	-3.570E-01
274	3	7	-3.596E-01	-1.794E+00	-1.433E+00	-4.401E+03	-9.392E+03	-1.993E+03	5.255E-01	-2.679E+00	-5.534E-01	-3.703E+03	-1.009E+04	-3.370E-01
274	3	8	-3.601E-01	-1.796E+00	-1.435E+00	-4.401E+03	-9.392E+03	-1.993E+03	5.262E-01	-2.683E+00	-5.534E-01	-3.703E+03	-1.009E+04	-3.369E-01
274	3	9	-2.719E-01	-2.056E+00	-4.039E-01	-4.423E+03	-9.086E+03	-2.053E+03	-1.847E-01	-2.143E+00	-2.126E-01	-3.648E+03	-9.861E+03	-3.610E-01
274	3	10	-2.725E-01	-2.059E+00	-4.059E-01	-4.423E+03	-9.085E+03	-2.053E+03	-1.845E-01	-2.147E+00	-2.133E-01	-3.648E+03	-9.860E+03	-3.610E-01
274	3	11	-7.309E-01	-1.530E+00	-5.703E-01	-4.389E+03	-9.412E+03	-2.040E+03	-4.341E-01	-1.827E+00	-4.798E-01	-3.665E+03	-1.014E+04	-3.411E-01
274	3	12	-7.315E-01	-1.533E+00	-5.724E-01	-4.389E+03	-9.411E+03	-2.039E+03	-4.335E-01	-1.831E+00	-4.800E-01	-3.665E+03	-1.014E+04	-3.410E-01
274	3	13	-2.734E-01	-2.073E+00	-4.131E-01	-4.423E+03	-9.082E+03	-2.052E+03	-1.831E-01	-2.163E+00	-2.152E-01	-3.648E+03	-9.857E+03	-3.610E-01
274	3	14	-2.740E-01	-2.076E+00	-4.151E-01	-4.422E+03	-9.082E+03	-2.051E+03	-1.829E-01	-2.167E+00	-2.159E-01	-3.648E+03	-9.856E+03	-3.610E-01
274	3	15	-7.324E-01	-1.547E+00	-5.795E-01	-4.389E+03	-9.409E+03	-2.038E+03	-4.313E-01	-1.848E+00	-4.791E-01	-3.665E+03	-1.013E+04	-3.410E-01
274	3	16	-7.330E-01	-1.550E+00	-5.815E-01	-4.389E+03	-9.408E+03	-2.038E+03	-4.307E-01	-1.852E+00	-4.793E-01	-3.665E+03	-1.013E+04	-3.410E-01
274	4	1	-7.987E-02	-4.495E+00	-1.502E+00	-5.363E+02	-6.058E+03	-2.014E+03	3.825E-01	-4.958E+00	-2.987E-01	1.203E+02	-6.714E+03	-3.151E-01
274	4	2	-8.128E-02	-4.500E+00	-1.505E+00	-5.359E+02	-6.056E+03	-2.013E+03	3.825E-01	-4.964E+00	-2.990E-01	1.205E+02	-6.713E+03	-3.151E-01
274	4	3	-7.837E-01	-3.352E+00	-1.843E+00	-4.557E+02	-6.479E+03	-1.935E+03	1.786E-01	-4.314E+00	-4.812E-01	1.126E+02	-7.047E+03	-2.856E-01
274	4	4	-7.851E-01	-3.357E+00	-1.846E+00	-4.553E+02	-6.478E+03	-1.935E+03	1.789E-01	-4.321E+00	-4.812E-01	1.127E+02	-7.046E+03	-2.856E-01
274	4	5	-8.361E-02	-4.526E+00	-1.513E+00	-5.347E+02	-6.049E+03	-2.012E+03	3.830E-01	-4.993E+00	-2.990E-01	1.214E+02	-6.705E+03	-3.152E-01
274	4	6	-8.501E-02	-4.531E+00	-1.516E+00	-5.342E+02	-6.047E+03	-2.011E+03	3.829E-01	-4.999E+00	-2.993E-01	1.215E+02	-6.703E+03	-3.152E-01
274	4	7	-7.874E-01	-3.383E+00	-1.855E+00	-4.541E+02	-6.470E+03	-1.933E+03	1.786E-01	-4.349E+00	-4.802E-01	1.136E+02	-7.038E+03	-2.856E-01
274	4	8	-7.889E-01	-3.388E+00	-1.858E+00	-4.537E+02	-6.469E+03	-1.933E+03	1.789E-01	-4.355E+00	-4.802E-01	1.138E+02	-7.036E+03	-2.856E-01
274	4	9	-2.281E-01	-4.281E+00	-4.016E-01	-6.288E+02	-6.180E+03	-2.120E+03	-1.887E-01	-4.321E+00	-9.780E-02	8.810E+01	-6.896E+03	-3.261E-01
274	4	10	-2.295E-01	-4.286E+00	-4.045E-01	-6.283E+02	-6.178E+03	-2.119E+03	-1.895E-01	-4.326E+00	-9.843E-02	8.825E+01	-6.895E+03	-3.261E-01
274	4	11	-9.319E-01	-3.138E+00	-7.429E-01	-5.482E+02	-6.601E+03	-2.041E+03	-7.051E-01	-3.365E+00	-2.964E-01	7.577E+01	-7.225E+03	-2.967E-01
274	4	12	-9.333E-01	-3.143E+00	-7.458E-01	-5.477E+02	-6.600E+03	-2.040E+03	-7.051E-01	-3.371E+00	-2.969E-01	7.593E+01	-7.223E+03	-2.966E-01
274	4	13	-2.318E-01	-4.312E+00	-4.132E-01	-6.271E+02	-6.171E+03	-2.118E+03	-1.904E-01	-4.354E+00	-9.991E-02	8.920E+01	-6.887E+03	-3.262E-01
274	4	14	-2.332E-01	-4.317E+00	-4.162E-01	-6.267E+02	-6.169E+03	-2.117E+03	-1.913E-01	-4.359E+00	-1.005E-01	8.934E+01	-6.885E+03	-3.262E-01
274	4	15	-9.357E-01	-3.169E+00	-7.545E-01	-5.466E+02	-6.592E+03	-2.039E+03	-7.046E-01	-3.400E+00	-2.971E-01	7.684E+01	-7.215E+03	-2.967E-01
274	4	16	-9.371E-01	-3.174E+00	-7.575E-01	-5.461E+02	-6.591E+03	-2.038E+03	-7.047E-01	-3.406E+00	-2.977E-01	7.700E+01	-7.214E+03	-2.967E-01
275	1	1	6.281E-01	-2.259E+00	9.438E-02	-4.303E+03	-2.222E+03	1.256E+03	6.312E-01	-2.262E+00	3.265E-02	-1.632E+03	-4.893E+03	1.131E+00
275	1	2	6.286E-01	-2.257E+00	9.326E-02	-4.303E+03	-2.222E+03	1.256E+03	6.316E-01	-2.260E+00	3.227E-02	-1.632E+03	-4.894E+03	1.131E+00
275	1	3	-3.479E-01	-1.483E+00	4.179E-01	-4.190E+03	-2.467E+03	1.363E+03	-2.106E-01	-1.620E+00	3.173E-01	-1.716E+03	-4.940E+03	1.067E+00
275	1	4	-3.473E-01	-1.482E+00	4.168E-01	-4.190E+03	-2.467E+03	1.363E+03	-2.107E-01	-1.618E+00	3.169E-01	-1.716E+03	-4.941E+03	1.067E+00
275	1	5	6.341E-01	-2.244E+00	8.521E-02	-4.304E+03	-2.227E+03	1.259E+03	6.366E-01	-2.246E+00	2.957E-02	-1.633E+03	-4.897E+03	1.130E+00
275	1	6	6.346E-01	-2.242E+00	8.408E-02	-4.303E+03	-2.227E+03	1.260E+03	6.371E-01	-2.245E+00	2.919E-02	-1.633E+03	-4.898E+03	1.130E+00
275	1	7	-3.419E-01	-1.468E+00	4.087E-01	-4.190E+03	-2.471E+03	1.366E+03	-2.092E-01	-1.601E+00	3.139E-01	-1.717E+03	-4.945E+03	1.066E+00
275	1	8	-3.413E-01	-1.467E+00	4.076E-01	-4.190E+03	-2.472E+03	1.367E+03	-2.092E-01	-1.599E+00	3.134E-01	-1.717E+03	-4.945E+03	1.066E+00
275	1	9	-1.068E+00	-2.143E+00	1.443E+00	-4.012E+03	-1.915E+03	1.159E+03	-6.634E-02	-3.145E+00	6.071E-01	-1.400E+03	-4.527E+03	1.153E+00
275	1	10	-1.068E+00	-2.142E+00	1.441E+00	-4.012E+03	-1.915E+03	1.160E+03	-6.653E-02	-3.143E+00	6.071E-01	-1.400E+03	-4.528E+03	1.153E+00
275	1	11	-2.044E+00	-1.367E+00	1.766E+00	-3.899E+03	-2.160E+03	1.266E+03	9.230E-02	-3.504E+00	8.801E-01	-1.493E+03	-4.566E+03	1.086E+00
275	1	12	-2.044E+00	-1.366E+00	1.765E+00	-3.899E+03	-2.160E+03	1.267E+03	9.233E-02	-3.502E+00	8.803E-01	-1.493E+03	-4.566E+03	1.086E+00

275	1	13	-1.062E+00	-2.128E+00	1.433E+00	-4.013E+03	-1.920E+03	1.163E+03	-6.607E-02	-3.125E+00	6.074E-01	-1.402E+03	-4.531E+03	1.152E+00
275	1	14	-1.062E+00	-2.127E+00	1.432E+00	-4.013E+03	-1.920E+03	1.164E+03	-6.625E-02	-3.122E+00	6.074E-01	-1.402E+03	-4.532E+03	1.152E+00
275	1	15	-2.038E+00	-1.353E+00	1.757E+00	-3.900E+03	-2.165E+03	1.270E+03	9.454E-02	-3.485E+00	8.818E-01	-1.494E+03	-4.570E+03	1.085E+00
275	1	16	-2.038E+00	-1.351E+00	1.756E+00	-3.900E+03	-2.165E+03	1.271E+03	9.458E-02	-3.483E+00	8.820E-01	-1.494E+03	-4.571E+03	1.085E+00
275	2	1	3.201E-01	-4.444E+00	-1.942E-01	-7.622E+02	-6.092E+03	2.205E+03	3.280E-01	-4.452E+00	-4.067E-02	3.155E+01	-6.886E+03	3.456E-01
275	2	2	3.204E-01	-4.441E+00	-1.956E-01	-7.623E+02	-6.093E+03	2.205E+03	3.284E-01	-4.449E+00	-4.099E-02	3.164E+01	-6.887E+03	3.456E-01
275	2	3	-3.937E-01	-3.061E+00	3.200E-01	-6.504E+02	-6.589E+03	2.107E+03	-3.558E-01	-3.099E+00	1.177E-01	2.147E+01	-7.260E+03	3.086E-01
275	2	4	-3.934E-01	-3.058E+00	3.186E-01	-6.505E+02	-6.589E+03	2.108E+03	-3.558E-01	-3.095E+00	1.174E-01	2.155E+01	-7.262E+03	3.087E-01
275	2	5	3.238E-01	-4.413E+00	-2.058E-01	-7.640E+02	-6.102E+03	2.207E+03	3.328E-01	-4.422E+00	-4.335E-02	3.030E+01	-6.896E+03	3.455E-01
275	2	6	3.241E-01	-4.410E+00	-2.073E-01	-7.641E+02	-6.103E+03	2.207E+03	3.332E-01	-4.419E+00	-4.367E-02	3.039E+01	-6.897E+03	3.455E-01
275	2	7	-3.899E-01	-3.030E+00	3.083E-01	-6.522E+02	-6.598E+03	2.110E+03	-3.544E-01	-3.065E+00	1.147E-01	2.027E+01	-7.270E+03	3.086E-01
275	2	8	-3.897E-01	-3.027E+00	3.069E-01	-6.523E+02	-6.599E+03	2.110E+03	-3.544E-01	-3.062E+00	1.144E-01	2.035E+01	-7.271E+03	3.086E-01
275	2	9	-6.345E-01	-4.811E+00	1.970E+00	-4.138E+02	-5.948E+03	1.924E+03	1.482E-01	-5.594E+00	3.781E-01	1.892E+02	-6.551E+03	3.038E-01
275	2	10	-6.342E-01	-4.808E+00	1.969E+00	-4.139E+02	-5.949E+03	1.924E+03	1.479E-01	-5.590E+00	3.781E-01	1.893E+02	-6.553E+03	3.038E-01
275	2	11	-1.348E+00	-3.428E+00	2.484E+00	-3.020E+02	-6.445E+03	1.827E+03	3.050E-01	-5.081E+00	5.872E-01	2.001E+02	-6.947E+03	2.683E-01
275	2	12	-1.348E+00	-3.425E+00	2.483E+00	-3.021E+02	-6.446E+03	1.827E+03	3.049E-01	-5.078E+00	5.873E-01	2.001E+02	-6.948E+03	2.683E-01
275	2	13	-6.307E-01	-4.780E+00	1.959E+00	-4.156E+02	-5.958E+03	1.926E+03	1.477E-01	-5.559E+00	3.783E-01	1.880E+02	-6.561E+03	3.037E-01
275	2	14	-6.304E-01	-4.777E+00	1.957E+00	-4.157E+02	-5.959E+03	1.927E+03	1.474E-01	-5.555E+00	3.783E-01	1.881E+02	-6.563E+03	3.037E-01
275	2	15	-1.344E+00	-3.397E+00	2.473E+00	-3.038E+02	-6.454E+03	1.829E+03	3.064E-01	-5.048E+00	5.887E-01	1.989E+02	-6.957E+03	2.683E-01
275	2	16	-1.344E+00	-3.394E+00	2.471E+00	-3.039E+02	-6.455E+03	1.829E+03	3.063E-01	-5.044E+00	5.888E-01	1.990E+02	-6.958E+03	2.683E-01
275	3	1	1.760E-02	-2.064E+00	9.500E-02	-4.483E+03	-8.966E+03	2.027E+03	2.193E-02	-2.069E+00	4.551E-02	-3.702E+03	-9.747E+03	3.676E-01
275	3	2	1.761E-02	-2.063E+00	9.388E-02	-4.483E+03	-8.967E+03	2.028E+03	2.184E-02	-2.067E+00	4.501E-02	-3.702E+03	-9.748E+03	3.676E-01
275	3	3	-4.414E-01	-1.378E+00	4.187E-01	-4.438E+03	-9.312E+03	2.056E+03	-2.816E-01	-1.538E+00	3.647E-01	-3.687E+03	-1.006E+04	3.504E-01
275	3	4	-4.414E-01	-1.377E+00	4.176E-01	-4.438E+03	-9.312E+03	2.056E+03	-2.821E-01	-1.536E+00	3.645E-01	-3.687E+03	-1.006E+04	3.504E-01
275	3	5	1.910E-02	-2.048E+00	8.582E-02	-4.484E+03	-8.970E+03	2.029E+03	2.266E-02	-2.051E+00	4.143E-02	-3.702E+03	-9.751E+03	3.676E-01
275	3	6	1.911E-02	-2.046E+00	8.469E-02	-4.484E+03	-8.970E+03	2.029E+03	2.258E-02	-2.049E+00	4.092E-02	-3.702E+03	-9.752E+03	3.676E-01
275	3	7	-4.399E-01	-1.362E+00	4.095E-01	-4.439E+03	-9.316E+03	2.057E+03	-2.842E-01	-1.517E+00	3.632E-01	-3.687E+03	-1.007E+04	3.504E-01
275	3	8	-4.399E-01	-1.360E+00	4.084E-01	-4.439E+03	-9.316E+03	2.058E+03	-2.847E-01	-1.515E+00	3.630E-01	-3.687E+03	-1.007E+04	3.504E-01
275	3	9	-1.949E-01	-2.579E+00	1.443E+00	-4.378E+03	-9.121E+03	1.976E+03	4.848E-01	-3.259E+00	4.402E-01	-3.663E+03	-9.837E+03	3.473E-01
275	3	10	-1.949E-01	-2.578E+00	1.442E+00	-4.378E+03	-9.122E+03	1.976E+03	4.843E-01	-3.257E+00	4.402E-01	-3.662E+03	-9.837E+03	3.474E-01
275	3	11	-6.539E-01	-1.894E+00	1.767E+00	-4.333E+03	-9.467E+03	2.005E+03	5.987E-01	-3.146E+00	6.167E-01	-3.643E+03	-1.016E+04	3.315E-01
275	3	12	-6.539E-01	-1.892E+00	1.766E+00	-4.333E+03	-9.467E+03	2.005E+03	5.983E-01	-3.144E+00	6.168E-01	-3.643E+03	-1.016E+04	3.315E-01
275	3	13	-1.934E-01	-2.563E+00	1.434E+00	-4.379E+03	-9.125E+03	1.978E+03	4.820E-01	-3.238E+00	4.402E-01	-3.663E+03	-9.841E+03	3.474E-01
275	3	14	-1.934E-01	-2.561E+00	1.433E+00	-4.379E+03	-9.125E+03	1.978E+03	4.815E-01	-3.236E+00	4.402E-01	-3.663E+03	-9.842E+03	3.474E-01
275	3	15	-6.524E-01	-1.877E+00	1.758E+00	-4.334E+03	-9.471E+03	2.006E+03	5.967E-01	-3.126E+00	6.178E-01	-3.643E+03	-1.016E+04	3.316E-01
275	3	16	-6.524E-01	-1.875E+00	1.757E+00	-4.334E+03	-9.471E+03	2.007E+03	5.962E-01	-3.124E+00	6.179E-01	-3.643E+03	-1.016E+04	3.316E-01
275	4	1	3.221E-01	1.250E-01	6.225E-01	-8.020E+03	-7.190E+03	-6.421E+02	8.538E-01	-4.067E-01	7.069E-01	-6.840E+03	-8.369E+03	2.069E+00
275	4	2	3.224E-01	1.251E-01	6.217E-01	-8.020E+03	-7.190E+03	-6.415E+02	8.532E-01	-4.057E-01	7.067E-01	-6.841E+03	-8.369E+03	2.069E+00
275	4	3	-3.920E-01	1.952E-01	2.777E-01	-7.984E+03	-7.352E+03	-5.982E+02	3.057E-01	-5.025E-01	1.192E+00	-6.991E+03	-8.344E+03	2.113E+00
275	4	4	-3.918E-01	1.954E-01	2.768E-01	-7.983E+03	-7.352E+03	-5.977E+02	3.053E-01	-5.017E-01	1.193E+00	-6.991E+03	-8.344E+03	2.113E+00
275	4	5	3.258E-01	1.256E-01	6.158E-01	-8.020E+03	-7.191E+03	-6.393E+02	8.496E-01	-3.982E-01	7.048E-01	-6.843E+03	-8.367E+03	2.069E+00
275	4	6	3.261E-01	1.257E-01	6.150E-01	-8.020E+03	-7.190E+03	-6.388E+02	8.490E-01	-3.972E-01	7.046E-01	-6.844E+03	-8.366E+03	2.068E+00
275	4	7	-3.883E-01	1.958E-01	2.710E-01	-7.983E+03	-7.352E+03	-5.955E+02	3.021E-01	-4.946E-01	1.197E+00	-6.994E+03	-8.342E+03	2.113E+00

275	4	8	-3.880E-01	1.959E-01	2.701E-01	-7.983E+03	-7.352E+03	-5.949E+02	3.017E-01	-4.938E-01	1.198E+00	-6.994E+03	-8.341E+03	2.112E+00
275	4	9	-6.323E-01	9.280E-02	1.155E+00	-7.973E+03	-7.147E+03	-7.214E+02	9.404E-01	-1.480E+00	9.375E-01	-6.729E+03	-8.391E+03	2.096E+00
275	4	10	-6.320E-01	9.294E-02	1.154E+00	-7.973E+03	-7.147E+03	-7.209E+02	9.398E-01	-1.479E+00	9.376E-01	-6.729E+03	-8.391E+03	2.096E+00
275	4	11	-1.346E+00	1.630E-01	8.097E-01	-7.937E+03	-7.308E+03	-6.776E+02	5.152E-01	-1.699E+00	1.161E+00	-6.876E+03	-8.369E+03	2.139E+00
275	4	12	-1.346E+00	1.632E-01	8.089E-01	-7.936E+03	-7.308E+03	-6.770E+02	5.148E-01	-1.698E+00	1.161E+00	-6.876E+03	-8.369E+03	2.139E+00
275	4	13	-6.286E-01	9.336E-02	1.148E+00	-7.973E+03	-7.147E+03	-7.187E+02	9.356E-01	-1.471E+00	9.377E-01	-6.731E+03	-8.389E+03	2.096E+00
275	4	14	-6.283E-01	9.350E-02	1.147E+00	-7.973E+03	-7.147E+03	-7.181E+02	9.350E-01	-1.470E+00	9.378E-01	-6.732E+03	-8.388E+03	2.095E+00
275	4	15	-1.343E+00	1.636E-01	8.030E-01	-7.936E+03	-7.309E+03	-6.748E+02	5.114E-01	-1.690E+00	1.162E+00	-6.879E+03	-8.367E+03	2.139E+00
275	4	16	-1.342E+00	1.637E-01	8.022E-01	-7.936E+03	-7.309E+03	-6.743E+02	5.109E-01	-1.690E+00	1.162E+00	-6.879E+03	-8.366E+03	2.139E+00
276	1	1	-3.991E-01	-3.213E+00	-1.376E+00	2.486E+03	1.993E+03	1.171E+03	1.621E-01	-3.774E+00	-3.872E-01	3.436E+03	1.042E+03	6.816E-01
276	1	2	-3.994E-01	-3.211E+00	-1.376E+00	2.486E+03	1.992E+03	1.171E+03	1.619E-01	-3.772E+00	-3.874E-01	3.436E+03	1.042E+03	6.815E-01
276	1	3	-6.064E-02	-2.248E+00	-8.365E-01	2.351E+03	1.498E+03	1.063E+03	2.227E-01	-2.531E+00	-3.265E-01	3.070E+03	7.796E+02	5.945E-01
276	1	4	-6.098E-02	-2.245E+00	-8.361E-01	2.351E+03	1.498E+03	1.063E+03	2.224E-01	-2.528E+00	-3.267E-01	3.070E+03	7.794E+02	5.944E-01
276	1	5	-4.007E-01	-3.189E+00	-1.371E+00	2.486E+03	1.986E+03	1.171E+03	1.606E-01	-3.750E+00	-3.886E-01	3.434E+03	1.038E+03	6.802E-01
276	1	6	-4.010E-01	-3.186E+00	-1.371E+00	2.486E+03	1.985E+03	1.171E+03	1.604E-01	-3.748E+00	-3.887E-01	3.433E+03	1.038E+03	6.800E-01
276	1	7	-6.226E-02	-2.223E+00	-8.314E-01	2.351E+03	1.491E+03	1.063E+03	2.206E-01	-2.506E+00	-3.279E-01	3.068E+03	7.750E+02	5.931E-01
276	1	8	-6.260E-02	-2.221E+00	-8.310E-01	2.352E+03	1.491E+03	1.062E+03	2.203E-01	-2.504E+00	-3.281E-01	3.068E+03	7.748E+02	5.929E-01
276	1	9	6.827E-01	-3.356E+00	-2.815E-01	2.197E+03	1.756E+03	1.009E+03	7.022E-01	-3.375E+00	-6.927E-02	3.009E+03	9.435E+02	6.780E-01
276	1	10	6.823E-01	-3.353E+00	-2.811E-01	2.197E+03	1.756E+03	1.009E+03	7.018E-01	-3.373E+00	-6.922E-02	3.009E+03	9.434E+02	6.778E-01
276	1	11	1.021E+00	-2.390E+00	2.582E-01	2.062E+03	1.262E+03	9.006E+02	1.041E+00	-2.409E+00	7.512E-02	2.647E+03	6.765E+02	5.763E-01
276	1	12	1.021E+00	-2.387E+00	2.586E-01	2.062E+03	1.261E+03	9.005E+02	1.040E+00	-2.407E+00	7.530E-02	2.647E+03	6.763E+02	5.762E-01
276	1	13	6.810E-01	-3.331E+00	-2.764E-01	2.197E+03	1.749E+03	1.009E+03	7.000E-01	-3.350E+00	-6.846E-02	3.007E+03	9.394E+02	6.763E-01
276	1	14	6.807E-01	-3.329E+00	-2.760E-01	2.197E+03	1.749E+03	1.009E+03	6.996E-01	-3.348E+00	-6.841E-02	3.007E+03	9.393E+02	6.761E-01
276	1	15	1.019E+00	-2.366E+00	2.633E-01	2.062E+03	1.255E+03	9.005E+02	1.040E+00	-2.386E+00	7.716E-02	2.646E+03	6.717E+02	5.747E-01
276	1	16	1.019E+00	-2.363E+00	2.637E-01	2.063E+03	1.254E+03	9.004E+02	1.040E+00	-2.384E+00	7.734E-02	2.645E+03	6.715E+02	5.745E-01
276	2	1	-5.045E-01	-2.062E+00	-9.581E-01	4.955E+02	-6.070E+03	1.804E+03	-4.857E-02	-2.518E+00	-4.442E-01	9.588E+02	-6.533E+03	2.513E-01
276	2	2	-5.045E-01	-2.060E+00	-9.578E-01	4.956E+02	-6.071E+03	1.805E+03	-4.839E-02	-2.516E+00	-4.444E-01	9.590E+02	-6.534E+03	2.513E-01
276	2	3	-2.738E-01	-1.539E+00	-5.733E-01	5.565E+02	-6.411E+03	1.697E+03	-5.272E-02	-1.761E+00	-3.680E-01	9.479E+02	-6.803E+03	2.267E-01
276	2	4	-2.737E-01	-1.538E+00	-5.730E-01	5.565E+02	-6.412E+03	1.698E+03	-5.261E-02	-1.759E+00	-3.683E-01	9.481E+02	-6.804E+03	2.267E-01
276	2	5	-5.028E-01	-2.044E+00	-9.547E-01	4.963E+02	-6.077E+03	1.806E+03	-4.651E-02	-2.501E+00	-4.458E-01	9.599E+02	-6.540E+03	2.512E-01
276	2	6	-5.027E-01	-2.042E+00	-9.545E-01	4.963E+02	-6.077E+03	1.806E+03	-4.633E-02	-2.499E+00	-4.460E-01	9.600E+02	-6.541E+03	2.513E-01
276	2	7	-2.720E-01	-1.522E+00	-5.699E-01	5.572E+02	-6.418E+03	1.699E+03	-5.118E-02	-1.743E+00	-3.697E-01	9.490E+02	-6.810E+03	2.266E-01
276	2	8	-2.720E-01	-1.520E+00	-5.696E-01	5.573E+02	-6.419E+03	1.699E+03	-5.108E-02	-1.741E+00	-3.699E-01	9.491E+02	-6.811E+03	2.266E-01
276	2	9	-1.425E-01	-1.869E+00	4.689E-02	5.382E+02	-5.861E+03	1.597E+03	-1.412E-01	-1.870E+00	2.714E-02	9.144E+02	-6.237E+03	2.314E-01
276	2	10	-1.424E-01	-1.867E+00	4.717E-02	5.383E+02	-5.861E+03	1.597E+03	-1.412E-01	-1.868E+00	2.733E-02	9.146E+02	-6.238E+03	2.314E-01
276	2	11	8.826E-02	-1.346E+00	4.317E-01	5.992E+02	-6.202E+03	1.489E+03	2.082E-01	-1.466E+00	2.709E-01	9.110E+02	-6.514E+03	2.064E-01
276	2	12	8.831E-02	-1.344E+00	4.320E-01	5.992E+02	-6.203E+03	1.490E+03	2.085E-01	-1.464E+00	2.714E-01	9.111E+02	-6.515E+03	2.064E-01
276	2	13	-1.407E-01	-1.851E+00	5.028E-02	5.390E+02	-5.867E+03	1.598E+03	-1.393E-01	-1.853E+00	2.936E-02	9.155E+02	-6.244E+03	2.314E-01
276	2	14	-1.407E-01	-1.849E+00	5.056E-02	5.390E+02	-5.868E+03	1.598E+03	-1.392E-01	-1.851E+00	2.956E-02	9.157E+02	-6.245E+03	2.314E-01
276	2	15	9.002E-02	-1.329E+00	4.351E-01	5.999E+02	-6.209E+03	1.491E+03	2.128E-01	-1.451E+00	2.751E-01	9.121E+02	-6.521E+03	2.064E-01
276	2	16	9.007E-02	-1.327E+00	4.354E-01	6.000E+02	-6.210E+03	1.491E+03	2.132E-01	-1.450E+00	2.756E-01	9.122E+02	-6.522E+03	2.064E-01
276	3	1	5.540E-02	-3.289E+00	-6.491E-01	2.115E+03	-1.198E+04	2.805E+02	1.770E-01	-3.410E+00	-1.852E-01	2.120E+03	-1.199E+04	1.989E-02
276	3	2	5.549E-02	-3.286E+00	-6.491E-01	2.115E+03	-1.199E+04	2.808E+02	1.771E-01	-3.408E+00	-1.853E-01	2.120E+03	-1.199E+04	1.991E-02

276	3	3	-1.786E-02	-2.292E+00	-3.099E-01	2.055E+03	-1.233E+04	2.301E+02	2.360E-02	-2.334E+00	-1.330E-01	2.058E+03	-1.233E+04	1.599E-02
276	3	4	-1.777E-02	-2.290E+00	-3.098E-01	2.054E+03	-1.233E+04	2.304E+02	2.373E-02	-2.332E+00	-1.331E-01	2.058E+03	-1.233E+04	1.601E-02
276	3	5	5.682E-02	-3.265E+00	-6.481E-01	2.113E+03	-1.199E+04	2.820E+02	1.788E-01	-3.387E+00	-1.860E-01	2.119E+03	-1.200E+04	1.998E-02
276	3	6	5.691E-02	-3.263E+00	-6.481E-01	2.113E+03	-1.199E+04	2.823E+02	1.789E-01	-3.385E+00	-1.861E-01	2.119E+03	-1.200E+04	2.000E-02
276	3	7	-1.644E-02	-2.269E+00	-3.089E-01	2.053E+03	-1.234E+04	2.315E+02	2.515E-02	-2.311E+00	-1.338E-01	2.057E+03	-1.234E+04	1.608E-02
276	3	8	-1.635E-02	-2.267E+00	-3.089E-01	2.053E+03	-1.234E+04	2.318E+02	2.527E-02	-2.308E+00	-1.340E-01	2.057E+03	-1.234E+04	1.610E-02
276	3	9	-1.995E-01	-3.107E+00	5.592E-01	2.143E+03	-1.144E+04	1.632E+02	-9.571E-02	-3.211E+00	1.836E-01	2.145E+03	-1.145E+04	1.201E-02
276	3	10	-1.994E-01	-3.105E+00	5.592E-01	2.142E+03	-1.144E+04	1.635E+02	-9.552E-02	-3.209E+00	1.837E-01	2.144E+03	-1.145E+04	1.203E-02
276	3	11	-2.728E-01	-2.111E+00	8.984E-01	2.082E+03	-1.179E+04	1.127E+02	9.334E-02	-2.477E+00	3.870E-01	2.083E+03	-1.179E+04	8.128E-03
276	3	12	-2.727E-01	-2.109E+00	8.984E-01	2.082E+03	-1.179E+04	1.130E+02	9.379E-02	-2.475E+00	3.873E-01	2.083E+03	-1.179E+04	8.149E-03
276	3	13	-1.981E-01	-3.084E+00	5.602E-01	2.141E+03	-1.145E+04	1.646E+02	-9.319E-02	-3.189E+00	1.852E-01	2.143E+03	-1.145E+04	1.211E-02
276	3	14	-1.980E-01	-3.081E+00	5.602E-01	2.141E+03	-1.145E+04	1.649E+02	-9.300E-02	-3.186E+00	1.853E-01	2.143E+03	-1.145E+04	1.213E-02
276	3	15	-2.714E-01	-2.088E+00	8.994E-01	2.081E+03	-1.180E+04	1.142E+02	9.862E-02	-2.458E+00	3.903E-01	2.082E+03	-1.180E+04	8.227E-03
276	3	16	-2.713E-01	-2.085E+00	8.994E-01	2.081E+03	-1.180E+04	1.145E+02	9.908E-02	-2.456E+00	3.906E-01	2.082E+03	-1.180E+04	8.248E-03
276	4	1	1.076E-01	-4.439E+00	-1.053E+00	4.387E+03	-4.164E+03	1.231E+03	3.398E-01	-4.671E+00	-2.169E-01	4.561E+03	-4.337E+03	1.402E-01
276	4	2	1.073E-01	-4.436E+00	-1.053E+00	4.387E+03	-4.165E+03	1.231E+03	3.396E-01	-4.668E+00	-2.170E-01	4.561E+03	-4.338E+03	1.402E-01
276	4	3	2.485E-01	-3.001E+00	-5.871E-01	4.212E+03	-4.668E+03	1.117E+03	3.513E-01	-3.104E+00	-1.734E-01	4.350E+03	-4.806E+03	1.233E-01
276	4	4	2.482E-01	-2.998E+00	-5.869E-01	4.212E+03	-4.669E+03	1.118E+03	3.511E-01	-3.101E+00	-1.735E-01	4.350E+03	-4.807E+03	1.233E-01
276	4	5	1.057E-01	-4.409E+00	-1.051E+00	4.386E+03	-4.173E+03	1.233E+03	3.382E-01	-4.642E+00	-2.178E-01	4.560E+03	-4.347E+03	1.403E-01
276	4	6	1.054E-01	-4.406E+00	-1.050E+00	4.386E+03	-4.174E+03	1.234E+03	3.379E-01	-4.639E+00	-2.179E-01	4.560E+03	-4.348E+03	1.403E-01
276	4	7	2.465E-01	-2.971E+00	-5.844E-01	4.211E+03	-4.677E+03	1.120E+03	3.494E-01	-3.074E+00	-1.742E-01	4.350E+03	-4.816E+03	1.234E-01
276	4	8	2.462E-01	-2.968E+00	-5.842E-01	4.211E+03	-4.678E+03	1.120E+03	3.491E-01	-3.071E+00	-1.743E-01	4.350E+03	-4.817E+03	1.234E-01
276	4	9	5.724E-01	-4.594E+00	2.447E-01	4.084E+03	-4.069E+03	8.999E+02	5.840E-01	-4.605E+00	4.722E-02	4.182E+03	-4.167E+03	1.086E-01
276	4	10	5.721E-01	-4.590E+00	2.449E-01	4.084E+03	-4.070E+03	9.003E+02	5.837E-01	-4.602E+00	4.729E-02	4.182E+03	-4.168E+03	1.087E-01
276	4	11	7.133E-01	-3.156E+00	7.109E-01	3.909E+03	-4.573E+03	7.863E+02	8.398E-01	-3.282E+00	1.761E-01	3.981E+03	-4.646E+03	9.166E-02
276	4	12	7.130E-01	-3.153E+00	7.111E-01	3.909E+03	-4.574E+03	7.867E+02	8.396E-01	-3.279E+00	1.763E-01	3.981E+03	-4.647E+03	9.170E-02
276	4	13	5.704E-01	-4.563E+00	2.474E-01	4.083E+03	-4.078E+03	9.023E+02	5.823E-01	-4.575E+00	4.804E-02	4.182E+03	-4.177E+03	1.088E-01
276	4	14	5.701E-01	-4.560E+00	2.476E-01	4.083E+03	-4.079E+03	9.028E+02	5.821E-01	-4.572E+00	4.811E-02	4.182E+03	-4.178E+03	1.088E-01
276	4	15	7.113E-01	-3.125E+00	7.136E-01	3.908E+03	-4.583E+03	7.887E+02	8.397E-01	-3.254E+00	1.781E-01	3.980E+03	-4.655E+03	9.185E-02
276	4	16	7.110E-01	-3.122E+00	7.138E-01	3.908E+03	-4.584E+03	7.892E+02	8.396E-01	-3.251E+00	1.783E-01	3.980E+03	-4.656E+03	9.189E-02
277	1	1	-1.037E+00	-4.271E-02	2.401E-01	-4.005E+04	-4.336E+02	-2.967E+03	1.222E-02	-1.092E+00	1.346E+00	-2.127E+02	-4.028E+04	1.645E+00
277	1	2	-1.038E+00	-4.281E-02	2.402E-01	-4.005E+04	-4.335E+02	-2.968E+03	1.215E-02	-1.093E+00	1.346E+00	-2.124E+02	-4.028E+04	1.645E+00
277	1	3	-7.514E-01	-9.687E-02	1.577E-01	-4.030E+04	-4.465E+02	-3.059E+03	-6.086E-02	-7.874E-01	1.346E+00	-2.130E+02	-4.053E+04	1.647E+00
277	1	4	-7.524E-01	-9.697E-02	1.579E-01	-4.030E+04	-4.464E+02	-3.060E+03	-6.092E-02	-7.884E-01	1.346E+00	-2.127E+02	-4.053E+04	1.647E+00
277	1	5	-1.044E+00	-4.278E-02	2.419E-01	-4.005E+04	-4.328E+02	-2.969E+03	1.257E-02	-1.100E+00	1.346E+00	-2.116E+02	-4.027E+04	1.645E+00
277	1	6	-1.045E+00	-4.288E-02	2.421E-01	-4.005E+04	-4.327E+02	-2.970E+03	1.251E-02	-1.101E+00	1.346E+00	-2.113E+02	-4.027E+04	1.645E+00
277	1	7	-7.590E-01	-9.694E-02	1.595E-01	-4.030E+04	-4.457E+02	-3.062E+03	-6.050E-02	-7.955E-01	1.346E+00	-2.119E+02	-4.053E+04	1.647E+00
277	1	8	-7.600E-01	-9.704E-02	1.597E-01	-4.030E+04	-4.456E+02	-3.063E+03	-6.057E-02	-7.964E-01	1.346E+00	-2.116E+02	-4.053E+04	1.647E+00
277	1	9	-2.294E+00	1.162E-01	-1.539E-01	-4.027E+04	-4.954E+02	-2.898E+03	1.259E-01	-2.304E+00	1.634E+00	-2.853E+02	-4.048E+04	1.643E+00
277	1	10	-2.295E+00	1.161E-01	-1.537E-01	-4.027E+04	-4.953E+02	-2.899E+03	1.258E-01	-2.305E+00	1.634E+00	-2.850E+02	-4.048E+04	1.643E+00
277	1	11	-2.008E+00	6.199E-02	-2.363E-01	-4.052E+04	-5.083E+02	-2.991E+03	8.861E-02	-2.035E+00	1.683E+00	-2.859E+02	-4.074E+04	1.645E+00
277	1	12	-2.009E+00	6.189E-02	-2.361E-01	-4.051E+04	-5.082E+02	-2.992E+03	8.846E-02	-2.036E+00	1.683E+00	-2.856E+02	-4.074E+04	1.645E+00
277	1	13	-2.301E+00	1.161E-01	-1.521E-01	-4.027E+04	-4.946E+02	-2.901E+03	1.256E-01	-2.311E+00	1.633E+00	-2.842E+02	-4.048E+04	1.643E+00

277	1	14	-2.302E+00	1.160E-01	-1.519E-01	-4.027E+04	-4.945E+02	-2.902E+03	1.255E-01	-2.312E+00	1.633E+00	-2.839E+02	-4.048E+04	1.643E+00
277	1	15	-2.016E+00	6.192E-02	-2.344E-01	-4.051E+04	-5.075E+02	-2.993E+03	8.804E-02	-2.042E+00	1.682E+00	-2.848E+02	-4.074E+04	1.645E+00
277	1	16	-2.017E+00	6.183E-02	-2.343E-01	-4.051E+04	-5.074E+02	-2.994E+03	8.790E-02	-2.043E+00	1.682E+00	-2.846E+02	-4.074E+04	1.645E+00
277	2	1	-1.153E+00	1.461E-01	-2.280E-03	-2.580E+04	-3.840E+03	1.201E+02	1.461E-01	-1.153E+00	1.573E+00	-3.839E+03	-2.580E+04	1.565E+00
277	2	2	-1.154E+00	1.461E-01	-2.232E-03	-2.580E+04	-3.840E+03	1.190E+02	1.461E-01	-1.154E+00	1.573E+00	-3.839E+03	-2.580E+04	1.565E+00
277	2	3	-8.869E-01	1.410E-02	-1.118E-01	-2.612E+04	-3.812E+03	-6.086E+00	2.776E-02	-9.005E-01	1.692E+00	-3.812E+03	-2.612E+04	1.571E+00
277	2	4	-8.879E-01	1.411E-02	-1.117E-01	-2.612E+04	-3.812E+03	-7.135E+00	2.774E-02	-9.015E-01	1.692E+00	-3.812E+03	-2.612E+04	1.571E+00
277	2	5	-1.161E+00	1.471E-01	-4.099E-04	-2.579E+04	-3.840E+03	1.176E+02	1.471E-01	-1.161E+00	1.571E+00	-3.839E+03	-2.579E+04	1.565E+00
277	2	6	-1.162E+00	1.471E-01	-3.612E-04	-2.579E+04	-3.840E+03	1.166E+02	1.471E-01	-1.162E+00	1.571E+00	-3.840E+03	-2.579E+04	1.565E+00
277	2	7	-8.943E-01	1.509E-02	-1.099E-01	-2.612E+04	-3.812E+03	-8.547E+00	2.818E-02	-9.074E-01	1.689E+00	-3.812E+03	-2.612E+04	1.571E+00
277	2	8	-8.953E-01	1.510E-02	-1.098E-01	-2.611E+04	-3.812E+03	-9.595E+00	2.816E-02	-9.084E-01	1.689E+00	-3.812E+03	-2.611E+04	1.571E+00
277	2	9	-2.189E+00	9.403E-02	4.445E-02	-2.592E+04	-3.857E+03	2.220E+02	9.489E-02	-2.190E+00	1.551E+00	-3.855E+03	-2.592E+04	1.561E+00
277	2	10	-2.190E+00	9.404E-02	4.450E-02	-2.592E+04	-3.857E+03	2.210E+02	9.491E-02	-2.191E+00	1.551E+00	-3.855E+03	-2.592E+04	1.561E+00
277	2	11	-1.923E+00	-3.798E-02	-6.502E-02	-2.624E+04	-3.829E+03	9.589E+01	-3.574E-02	-1.925E+00	1.605E+00	-3.829E+03	-2.624E+04	1.567E+00
277	2	12	-1.924E+00	-3.797E-02	-6.498E-02	-2.624E+04	-3.830E+03	9.484E+01	-3.573E-02	-1.926E+00	1.605E+00	-3.829E+03	-2.624E+04	1.567E+00
277	2	13	-2.196E+00	9.501E-02	4.632E-02	-2.591E+04	-3.857E+03	2.196E+02	9.595E-02	-2.197E+00	1.551E+00	-3.855E+03	-2.592E+04	1.561E+00
277	2	14	-2.197E+00	9.502E-02	4.637E-02	-2.591E+04	-3.857E+03	2.185E+02	9.596E-02	-2.198E+00	1.551E+00	-3.855E+03	-2.591E+04	1.561E+00
277	2	15	-1.930E+00	-3.699E-02	-6.315E-02	-2.624E+04	-3.830E+03	9.343E+01	-3.489E-02	-1.932E+00	1.604E+00	-3.829E+03	-2.624E+04	1.567E+00
277	2	16	-1.931E+00	-3.698E-02	-6.311E-02	-2.623E+04	-3.830E+03	9.238E+01	-3.488E-02	-1.933E+00	1.604E+00	-3.829E+03	-2.623E+04	1.567E+00
277	3	1	-1.292E+00	6.979E-02	2.348E-01	-4.002E+04	-1.388E+03	8.163E+02	1.091E-01	-1.331E+00	1.405E+00	-1.370E+03	-4.004E+04	1.550E+00
277	3	2	-1.293E+00	6.975E-02	2.349E-01	-4.002E+04	-1.388E+03	8.153E+02	1.091E-01	-1.333E+00	1.405E+00	-1.371E+03	-4.003E+04	1.550E+00
277	3	3	-1.030E+00	3.063E-02	1.558E-01	-4.027E+04	-1.429E+03	7.192E+02	5.305E-02	-1.052E+00	1.428E+00	-1.415E+03	-4.029E+04	1.552E+00
277	3	4	-1.031E+00	3.059E-02	1.560E-01	-4.027E+04	-1.429E+03	7.183E+02	5.304E-02	-1.054E+00	1.428E+00	-1.416E+03	-4.029E+04	1.552E+00
277	3	5	-1.300E+00	6.970E-02	2.366E-01	-4.002E+04	-1.387E+03	8.144E+02	1.094E-01	-1.339E+00	1.404E+00	-1.370E+03	-4.003E+04	1.550E+00
277	3	6	-1.301E+00	6.966E-02	2.367E-01	-4.002E+04	-1.387E+03	8.134E+02	1.094E-01	-1.340E+00	1.404E+00	-1.370E+03	-4.003E+04	1.550E+00
277	3	7	-1.038E+00	3.053E-02	1.576E-01	-4.027E+04	-1.429E+03	7.173E+02	5.331E-02	-1.060E+00	1.427E+00	-1.415E+03	-4.028E+04	1.552E+00
277	3	8	-1.039E+00	3.049E-02	1.578E-01	-4.027E+04	-1.429E+03	7.163E+02	5.330E-02	-1.061E+00	1.427E+00	-1.415E+03	-4.028E+04	1.552E+00
277	3	9	-2.088E+00	2.155E-02	-1.549E-01	-4.020E+04	-1.388E+03	9.153E+02	3.286E-02	-2.100E+00	1.644E+00	-1.366E+03	-4.022E+04	1.547E+00
277	3	10	-2.089E+00	2.151E-02	-1.548E-01	-4.020E+04	-1.388E+03	9.143E+02	3.279E-02	-2.101E+00	1.644E+00	-1.366E+03	-4.022E+04	1.547E+00
277	3	11	-1.826E+00	-1.762E-02	-2.339E-01	-4.046E+04	-1.429E+03	8.182E+02	1.213E-02	-1.856E+00	1.697E+00	-1.412E+03	-4.047E+04	1.550E+00
277	3	12	-1.827E+00	-1.766E-02	-2.337E-01	-4.045E+04	-1.429E+03	8.172E+02	1.203E-02	-1.857E+00	1.697E+00	-1.412E+03	-4.047E+04	1.550E+00
277	3	13	-2.096E+00	2.145E-02	-1.531E-01	-4.020E+04	-1.388E+03	9.133E+02	3.247E-02	-2.107E+00	1.643E+00	-1.366E+03	-4.022E+04	1.547E+00
277	3	14	-2.097E+00	2.141E-02	-1.530E-01	-4.020E+04	-1.388E+03	9.124E+02	3.240E-02	-2.108E+00	1.643E+00	-1.366E+03	-4.022E+04	1.547E+00
277	3	15	-1.834E+00	-1.771E-02	-2.321E-01	-4.045E+04	-1.429E+03	8.163E+02	1.147E-02	-1.863E+00	1.696E+00	-1.412E+03	-4.047E+04	1.550E+00
277	3	16	-1.835E+00	-1.775E-02	-2.319E-01	-4.045E+04	-1.429E+03	8.153E+02	1.137E-02	-1.864E+00	1.696E+00	-1.412E+03	-4.047E+04	1.550E+00
277	4	1	-1.175E+00	-1.207E-01	4.804E-01	-5.438E+04	9.198E+02	6.033E+02	6.530E-02	-1.361E+00	1.201E+00	9.263E+02	-5.439E+04	1.560E+00
277	4	2	-1.176E+00	-1.209E-01	4.807E-01	-5.438E+04	9.200E+02	6.023E+02	6.524E-02	-1.362E+00	1.201E+00	9.266E+02	-5.439E+04	1.560E+00
277	4	3	-8.950E-01	-7.865E-02	4.220E-01	-5.456E+04	8.279E+02	5.019E+02	1.003E-01	-1.074E+00	1.170E+00	8.324E+02	-5.456E+04	1.562E+00
277	4	4	-8.960E-01	-7.880E-02	4.223E-01	-5.456E+04	8.282E+02	5.009E+02	1.002E-01	-1.075E+00	1.170E+00	8.327E+02	-5.456E+04	1.562E+00
277	4	5	-1.183E+00	-1.219E-01	4.822E-01	-5.438E+04	9.212E+02	6.012E+02	6.449E-02	-1.369E+00	1.202E+00	9.277E+02	-5.439E+04	1.560E+00
277	4	6	-1.184E+00	-1.220E-01	4.825E-01	-5.438E+04	9.215E+02	6.003E+02	6.443E-02	-1.370E+00	1.202E+00	9.280E+02	-5.439E+04	1.560E+00
277	4	7	-9.026E-01	-7.980E-02	4.238E-01	-5.456E+04	8.293E+02	4.998E+02	9.940E-02	-1.082E+00	1.171E+00	8.338E+02	-5.456E+04	1.562E+00
277	4	8	-9.036E-01	-7.995E-02	4.241E-01	-5.456E+04	8.296E+02	4.988E+02	9.933E-02	-1.083E+00	1.171E+00	8.341E+02	-5.456E+04	1.562E+00

277	4	9	-2.193E+00	4.198E-02	-3.500E-01	-5.466E+04	8.605E+02	5.787E+02	9.551E-02	-2.247E+00	1.723E+00	8.665E+02	-5.467E+04	1.560E+00
277	4	10	-2.194E+00	4.183E-02	-3.497E-01	-5.466E+04	8.607E+02	5.777E+02	9.525E-02	-2.247E+00	1.722E+00	8.668E+02	-5.467E+04	1.560E+00
277	4	11	-1.913E+00	8.404E-02	-4.084E-01	-5.484E+04	7.686E+02	4.772E+02	1.643E-01	-1.993E+00	1.765E+00	7.727E+02	-5.484E+04	1.562E+00
277	4	12	-1.914E+00	8.389E-02	-4.081E-01	-5.484E+04	7.689E+02	4.763E+02	1.641E-01	-1.994E+00	1.765E+00	7.729E+02	-5.484E+04	1.562E+00
277	4	13	-2.201E+00	4.083E-02	-3.482E-01	-5.466E+04	8.619E+02	5.766E+02	9.368E-02	-2.254E+00	1.721E+00	8.679E+02	-5.467E+04	1.560E+00
277	4	14	-2.202E+00	4.068E-02	-3.479E-01	-5.466E+04	8.622E+02	5.756E+02	9.343E-02	-2.254E+00	1.721E+00	8.681E+02	-5.467E+04	1.560E+00
277	4	15	-1.920E+00	8.289E-02	-4.066E-01	-5.484E+04	7.700E+02	4.752E+02	1.623E-01	-2.000E+00	1.764E+00	7.741E+02	-5.484E+04	1.562E+00
277	4	16	-1.921E+00	8.274E-02	-4.063E-01	-5.484E+04	7.703E+02	4.742E+02	1.620E-01	-2.001E+00	1.763E+00	7.743E+02	-5.484E+04	1.562E+00
278	1	1	-1.348E+00	-2.685E-01	7.465E-01	-4.100E+04	-3.813E+03	1.444E+03	1.130E-01	-1.729E+00	1.098E+00	-3.757E+03	-4.105E+04	1.532E+00
278	1	2	-1.349E+00	-2.686E-01	7.477E-01	-4.100E+04	-3.813E+03	1.443E+03	1.137E-01	-1.731E+00	1.098E+00	-3.757E+03	-4.105E+04	1.532E+00
278	1	3	-1.091E+00	-4.069E-01	4.382E-01	-4.123E+04	-3.677E+03	1.337E+03	-1.930E-01	-1.305E+00	1.117E+00	-3.629E+03	-4.128E+04	1.535E+00
278	1	4	-1.092E+00	-4.070E-01	4.394E-01	-4.123E+04	-3.676E+03	1.336E+03	-1.924E-01	-1.307E+00	1.117E+00	-3.629E+03	-4.128E+04	1.535E+00
278	1	5	-1.355E+00	-2.673E-01	7.547E-01	-4.099E+04	-3.812E+03	1.442E+03	1.191E-01	-1.741E+00	1.098E+00	-3.756E+03	-4.105E+04	1.532E+00
278	1	6	-1.356E+00	-2.674E-01	7.559E-01	-4.099E+04	-3.811E+03	1.441E+03	1.198E-01	-1.743E+00	1.097E+00	-3.756E+03	-4.105E+04	1.532E+00
278	1	7	-1.098E+00	-4.056E-01	4.464E-01	-4.123E+04	-3.675E+03	1.335E+03	-1.870E-01	-1.317E+00	1.115E+00	-3.628E+03	-4.128E+04	1.535E+00
278	1	8	-1.099E+00	-4.057E-01	4.476E-01	-4.123E+04	-3.675E+03	1.334E+03	-1.863E-01	-1.319E+00	1.115E+00	-3.627E+03	-4.128E+04	1.535E+00
278	1	9	-2.058E+00	2.564E-01	-4.687E-02	-4.120E+04	-3.961E+03	1.531E+03	2.574E-01	-2.059E+00	1.591E+00	-3.898E+03	-4.126E+04	1.530E+00
278	1	10	-2.059E+00	2.563E-01	-4.566E-02	-4.120E+04	-3.960E+03	1.530E+03	2.572E-01	-2.060E+00	1.591E+00	-3.898E+03	-4.126E+04	1.530E+00
278	1	11	-1.801E+00	1.181E-01	-3.552E-01	-4.144E+04	-3.824E+03	1.425E+03	1.817E-01	-1.865E+00	1.748E+00	-3.770E+03	-4.149E+04	1.533E+00
278	1	12	-1.802E+00	1.180E-01	-3.539E-01	-4.144E+04	-3.824E+03	1.424E+03	1.811E-01	-1.866E+00	1.747E+00	-3.770E+03	-4.149E+04	1.533E+00
278	1	13	-2.065E+00	2.577E-01	-3.864E-02	-4.120E+04	-3.959E+03	1.529E+03	2.583E-01	-2.066E+00	1.587E+00	-3.896E+03	-4.126E+04	1.530E+00
278	1	14	-2.066E+00	2.576E-01	-3.744E-02	-4.120E+04	-3.959E+03	1.528E+03	2.582E-01	-2.067E+00	1.587E+00	-3.896E+03	-4.126E+04	1.530E+00
278	1	15	-1.809E+00	1.193E-01	-3.469E-01	-4.144E+04	-3.822E+03	1.423E+03	1.798E-01	-1.869E+00	1.744E+00	-3.769E+03	-4.149E+04	1.533E+00
278	1	16	-1.810E+00	1.192E-01	-3.457E-01	-4.144E+04	-3.822E+03	1.422E+03	1.793E-01	-1.870E+00	1.743E+00	-3.768E+03	-4.149E+04	1.533E+00
278	2	1	-1.486E+00	2.225E-01	7.702E-01	-1.984E+04	-1.597E+04	2.096E+03	5.184E-01	-1.782E+00	1.204E+00	-1.505E+04	-2.076E+04	1.158E+00
278	2	2	-1.487E+00	2.222E-01	7.715E-01	-1.984E+04	-1.597E+04	2.095E+03	5.190E-01	-1.783E+00	1.204E+00	-1.505E+04	-2.076E+04	1.158E+00
278	2	3	-9.043E-01	-2.263E-01	5.758E-01	-2.009E+04	-1.583E+04	2.004E+03	1.029E-01	-1.233E+00	1.051E+00	-1.504E+04	-2.089E+04	1.193E+00
278	2	4	-9.051E-01	-2.265E-01	5.771E-01	-2.009E+04	-1.583E+04	2.003E+03	1.036E-01	-1.235E+00	1.051E+00	-1.504E+04	-2.089E+04	1.194E+00
278	2	5	-1.490E+00	2.229E-01	7.803E-01	-1.984E+04	-1.597E+04	2.093E+03	5.251E-01	-1.792E+00	1.201E+00	-1.505E+04	-2.075E+04	1.158E+00
278	2	6	-1.491E+00	2.227E-01	7.817E-01	-1.984E+04	-1.597E+04	2.092E+03	5.257E-01	-1.794E+00	1.201E+00	-1.505E+04	-2.075E+04	1.159E+00
278	2	7	-9.081E-01	-2.258E-01	5.859E-01	-2.009E+04	-1.583E+04	2.000E+03	1.110E-01	-1.245E+00	1.049E+00	-1.504E+04	-2.089E+04	1.194E+00
278	2	8	-9.089E-01	-2.261E-01	5.873E-01	-2.009E+04	-1.583E+04	1.999E+03	1.118E-01	-1.247E+00	1.049E+00	-1.504E+04	-2.088E+04	1.194E+00
278	2	9	-1.728E+00	-2.236E-01	6.673E-02	-1.984E+04	-1.595E+04	2.249E+03	-2.206E-01	-1.731E+00	1.527E+00	-1.492E+04	-2.087E+04	1.142E+00
278	2	10	-1.728E+00	-2.238E-01	6.806E-02	-1.984E+04	-1.595E+04	2.248E+03	-2.208E-01	-1.731E+00	1.526E+00	-1.492E+04	-2.087E+04	1.143E+00
278	2	11	-1.146E+00	-6.724E-01	-1.277E-01	-2.010E+04	-1.581E+04	2.157E+03	-6.401E-01	-1.178E+00	1.818E+00	-1.491E+04	-2.100E+04	1.177E+00
278	2	12	-1.147E+00	-6.726E-01	-1.263E-01	-2.010E+04	-1.581E+04	2.155E+03	-6.410E-01	-1.178E+00	1.816E+00	-1.491E+04	-2.099E+04	1.177E+00
278	2	13	-1.731E+00	-2.232E-01	7.689E-02	-1.984E+04	-1.595E+04	2.246E+03	-2.193E-01	-1.735E+00	1.520E+00	-1.492E+04	-2.087E+04	1.143E+00
278	2	14	-1.732E+00	-2.234E-01	7.822E-02	-1.984E+04	-1.595E+04	2.245E+03	-2.194E-01	-1.736E+00	1.519E+00	-1.492E+04	-2.087E+04	1.143E+00
278	2	15	-1.150E+00	-6.719E-01	-1.175E-01	-2.010E+04	-1.581E+04	2.153E+03	-6.446E-01	-1.177E+00	1.799E+00	-1.492E+04	-2.099E+04	1.177E+00
278	2	16	-1.151E+00	-6.722E-01	-1.162E-01	-2.010E+04	-1.581E+04	2.152E+03	-6.454E-01	-1.177E+00	1.797E+00	-1.492E+04	-2.099E+04	1.177E+00
278	3	1	-1.479E+00	-2.552E-01	8.480E-01	-3.924E+04	-2.101E+04	1.320E+03	1.786E-01	-1.913E+00	1.098E+00	-2.091E+04	-3.934E+04	1.499E+00
278	3	2	-1.480E+00	-2.555E-01	8.492E-01	-3.924E+04	-2.101E+04	1.319E+03	1.792E-01	-1.914E+00	1.098E+00	-2.091E+04	-3.934E+04	1.499E+00
278	3	3	-6.375E-01	-5.352E-01	4.888E-01	-3.964E+04	-2.112E+04	1.253E+03	-9.491E-02	-1.078E+00	8.375E-01	-2.103E+04	-3.973E+04	1.504E+00

278	3	4	-6.381E-01	-5.355E-01	4.900E-01	-3.964E+04	-2.112E+04	1.252E+03	-9.413E-02	-1.079E+00	8.375E-01	-2.103E+04	-3.973E+04	1.504E+00
278	3	5	-1.479E+00	-2.566E-01	8.563E-01	-3.925E+04	-2.101E+04	1.318E+03	1.842E-01	-1.920E+00	1.095E+00	-2.092E+04	-3.934E+04	1.499E+00
278	3	6	-1.480E+00	-2.568E-01	8.575E-01	-3.925E+04	-2.101E+04	1.317E+03	1.849E-01	-1.922E+00	1.095E+00	-2.092E+04	-3.934E+04	1.499E+00
278	3	7	-6.377E-01	-5.366E-01	4.971E-01	-3.964E+04	-2.112E+04	1.251E+03	-8.745E-02	-1.087E+00	8.361E-01	-2.103E+04	-3.973E+04	1.504E+00
278	3	8	-6.383E-01	-5.368E-01	4.983E-01	-3.964E+04	-2.112E+04	1.250E+03	-8.667E-02	-1.088E+00	8.361E-01	-2.103E+04	-3.973E+04	1.504E+00
278	3	9	-1.515E+00	2.850E-02	-1.228E-01	-3.931E+04	-2.118E+04	1.567E+03	3.821E-02	-1.524E+00	1.650E+00	-2.104E+04	-3.944E+04	1.485E+00
278	3	10	-1.515E+00	2.823E-02	-1.216E-01	-3.931E+04	-2.118E+04	1.566E+03	3.775E-02	-1.525E+00	1.649E+00	-2.104E+04	-3.944E+04	1.485E+00
278	3	11	-6.732E-01	-2.515E-01	-4.820E-01	-3.971E+04	-2.128E+04	1.500E+03	6.376E-02	-9.884E-01	2.150E+00	-2.116E+04	-3.983E+04	1.490E+00
278	3	12	-6.737E-01	-2.518E-01	-4.808E-01	-3.970E+04	-2.128E+04	1.500E+03	6.231E-02	-9.878E-01	2.149E+00	-2.116E+04	-3.983E+04	1.490E+00
278	3	13	-1.515E+00	2.717E-02	-1.144E-01	-3.931E+04	-2.118E+04	1.565E+03	3.561E-02	-1.523E+00	1.644E+00	-2.104E+04	-3.944E+04	1.485E+00
278	3	14	-1.516E+00	2.689E-02	-1.133E-01	-3.931E+04	-2.118E+04	1.564E+03	3.516E-02	-1.524E+00	1.644E+00	-2.104E+04	-3.944E+04	1.485E+00
278	3	15	-6.734E-01	-2.528E-01	-4.737E-01	-3.971E+04	-2.129E+04	1.498E+03	5.514E-02	-9.813E-01	2.147E+00	-2.116E+04	-3.983E+04	1.490E+00
278	3	16	-6.739E-01	-2.531E-01	-4.725E-01	-3.971E+04	-2.129E+04	1.498E+03	5.369E-02	-9.807E-01	2.147E+00	-2.116E+04	-3.983E+04	1.490E+00
278	4	1	-1.338E+00	-7.693E-01	8.301E-01	-5.783E+04	-1.672E+04	-1.906E+03	-1.761E-01	-1.931E+00	9.503E-01	-1.663E+04	-5.792E+04	1.617E+00
278	4	2	-1.338E+00	-7.694E-01	8.311E-01	-5.783E+04	-1.672E+04	-1.907E+03	-1.754E-01	-1.932E+00	9.503E-01	-1.663E+04	-5.792E+04	1.617E+00
278	4	3	-8.273E-01	-6.927E-01	3.454E-01	-5.820E+04	-1.677E+04	-1.862E+03	-4.081E-01	-1.112E+00	8.816E-01	-1.669E+04	-5.828E+04	1.616E+00
278	4	4	-8.282E-01	-6.929E-01	3.465E-01	-5.820E+04	-1.677E+04	-1.863E+03	-4.075E-01	-1.114E+00	8.818E-01	-1.669E+04	-5.828E+04	1.616E+00
278	4	5	-1.341E+00	-7.698E-01	8.365E-01	-5.783E+04	-1.672E+04	-1.907E+03	-1.716E-01	-1.939E+00	9.500E-01	-1.663E+04	-5.792E+04	1.617E+00
278	4	6	-1.342E+00	-7.700E-01	8.375E-01	-5.783E+04	-1.672E+04	-1.908E+03	-1.710E-01	-1.941E+00	9.500E-01	-1.663E+04	-5.792E+04	1.617E+00
278	4	7	-8.310E-01	-6.933E-01	3.518E-01	-5.820E+04	-1.677E+04	-1.863E+03	-4.037E-01	-1.121E+00	8.820E-01	-1.669E+04	-5.828E+04	1.616E+00
278	4	8	-8.318E-01	-6.934E-01	3.529E-01	-5.820E+04	-1.677E+04	-1.864E+03	-4.031E-01	-1.122E+00	8.822E-01	-1.669E+04	-5.828E+04	1.616E+00
278	4	9	-1.842E+00	4.855E-01	-2.306E-01	-5.808E+04	-1.712E+04	-1.885E+03	5.081E-01	-1.865E+00	1.669E+00	-1.703E+04	-5.816E+04	1.617E+00
278	4	10	-1.843E+00	4.853E-01	-2.295E-01	-5.808E+04	-1.712E+04	-1.886E+03	5.078E-01	-1.865E+00	1.668E+00	-1.703E+04	-5.816E+04	1.617E+00
278	4	11	-1.332E+00	5.620E-01	-7.152E-01	-5.845E+04	-1.717E+04	-1.842E+03	8.018E-01	-1.571E+00	1.894E+00	-1.709E+04	-5.853E+04	1.615E+00
278	4	12	-1.333E+00	5.619E-01	-7.142E-01	-5.845E+04	-1.717E+04	-1.843E+03	8.010E-01	-1.572E+00	1.894E+00	-1.709E+04	-5.853E+04	1.615E+00
278	4	13	-1.846E+00	4.849E-01	-2.242E-01	-5.808E+04	-1.712E+04	-1.887E+03	5.063E-01	-1.867E+00	1.666E+00	-1.703E+04	-5.816E+04	1.617E+00
278	4	14	-1.847E+00	4.848E-01	-2.231E-01	-5.808E+04	-1.712E+04	-1.888E+03	5.060E-01	-1.868E+00	1.665E+00	-1.703E+04	-5.816E+04	1.617E+00
278	4	15	-1.335E+00	5.615E-01	-7.089E-01	-5.845E+04	-1.717E+04	-1.843E+03	7.971E-01	-1.571E+00	1.892E+00	-1.709E+04	-5.853E+04	1.615E+00
278	4	16	-1.336E+00	5.613E-01	-7.078E-01	-5.845E+04	-1.717E+04	-1.844E+03	7.963E-01	-1.571E+00	1.891E+00	-1.709E+04	-5.853E+04	1.615E+00
279	1	1	-1.426E+00	1.061E-01	8.326E-02	-3.930E+04	-2.135E+04	1.257E+03	1.106E-01	-1.430E+00	1.517E+00	-2.127E+04	-3.939E+04	1.501E+00
279	1	2	-1.426E+00	1.063E-01	8.412E-02	-3.930E+04	-2.135E+04	1.256E+03	1.109E-01	-1.431E+00	1.516E+00	-2.127E+04	-3.939E+04	1.501E+00
279	1	3	-5.821E-01	-1.707E-01	4.946E-01	-3.970E+04	-2.145E+04	1.310E+03	1.592E-01	-9.121E-01	9.825E-01	-2.136E+04	-3.979E+04	1.500E+00
279	1	4	-5.827E-01	-1.706E-01	4.954E-01	-3.970E+04	-2.145E+04	1.309E+03	1.600E-01	-9.132E-01	9.824E-01	-2.136E+04	-3.979E+04	1.500E+00
279	1	5	-1.425E+00	1.075E-01	9.159E-02	-3.931E+04	-2.135E+04	1.255E+03	1.129E-01	-1.431E+00	1.511E+00	-2.127E+04	-3.939E+04	1.501E+00
279	1	6	-1.426E+00	1.076E-01	9.244E-02	-3.930E+04	-2.135E+04	1.254E+03	1.131E-01	-1.431E+00	1.511E+00	-2.127E+04	-3.939E+04	1.501E+00
279	1	7	-5.819E-01	-1.694E-01	5.029E-01	-3.970E+04	-2.145E+04	1.308E+03	1.679E-01	-9.192E-01	9.800E-01	-2.136E+04	-3.979E+04	1.500E+00
279	1	8	-5.825E-01	-1.693E-01	5.038E-01	-3.970E+04	-2.145E+04	1.307E+03	1.686E-01	-9.204E-01	9.800E-01	-2.136E+04	-3.979E+04	1.500E+00
279	1	9	-1.572E+00	-3.507E-01	-8.830E-01	-3.925E+04	-2.085E+04	1.520E+03	1.121E-01	-2.035E+00	2.054E+00	-2.073E+04	-3.937E+04	1.489E+00
279	1	10	-1.573E+00	-3.506E-01	-8.821E-01	-3.925E+04	-2.085E+04	1.519E+03	1.114E-01	-2.035E+00	2.053E+00	-2.073E+04	-3.937E+04	1.489E+00
279	1	11	-7.289E-01	-6.276E-01	-4.716E-01	-3.965E+04	-2.095E+04	1.573E+03	-2.039E-01	-1.153E+00	2.303E+00	-2.082E+04	-3.978E+04	1.487E+00
279	1	12	-7.294E-01	-6.275E-01	-4.708E-01	-3.965E+04	-2.095E+04	1.572E+03	-2.049E-01	-1.152E+00	2.302E+00	-2.082E+04	-3.978E+04	1.487E+00
279	1	13	-1.572E+00	-3.494E-01	-8.746E-01	-3.925E+04	-2.085E+04	1.518E+03	1.064E-01	-2.028E+00	2.051E+00	-2.073E+04	-3.937E+04	1.489E+00
279	1	14	-1.573E+00	-3.493E-01	-8.738E-01	-3.925E+04	-2.085E+04	1.517E+03	1.056E-01	-2.028E+00	2.051E+00	-2.073E+04	-3.937E+04	1.489E+00

279	1	15	-7.287E-01	-6.262E-01	-4.633E-01	-3.965E+04	-2.095E+04	1.571E+03	-2.114E-01	-1.144E+00	2.301E+00	-2.082E+04	-3.978E+04	1.488E+00
279	1	16	-7.292E-01	-6.261E-01	-4.624E-01	-3.965E+04	-2.095E+04	1.570E+03	-2.124E-01	-1.143E+00	2.301E+00	-2.082E+04	-3.978E+04	1.488E+00
279	2	1	-1.753E+00	5.338E-02	-1.305E-01	-1.984E+04	-1.619E+04	-2.284E+03	6.276E-02	-1.763E+00	1.643E+00	-1.509E+04	-2.094E+04	2.019E+00
279	2	2	-1.753E+00	5.315E-02	-1.294E-01	-1.984E+04	-1.619E+04	-2.285E+03	6.236E-02	-1.762E+00	1.642E+00	-1.509E+04	-2.094E+04	2.019E+00
279	2	3	-1.144E+00	-3.954E-01	1.201E-01	-2.012E+04	-1.604E+04	-2.191E+03	-3.766E-01	-1.163E+00	1.416E+00	-1.508E+04	-2.107E+04	1.981E+00
279	2	4	-1.144E+00	-3.956E-01	1.212E-01	-2.012E+04	-1.604E+04	-2.192E+03	-3.764E-01	-1.163E+00	1.414E+00	-1.508E+04	-2.107E+04	1.981E+00
279	2	5	-1.749E+00	5.295E-02	-1.204E-01	-1.985E+04	-1.619E+04	-2.287E+03	6.095E-02	-1.757E+00	1.637E+00	-1.509E+04	-2.095E+04	2.019E+00
279	2	6	-1.749E+00	5.271E-02	-1.192E-01	-1.985E+04	-1.619E+04	-2.288E+03	6.056E-02	-1.757E+00	1.637E+00	-1.509E+04	-2.095E+04	2.019E+00
279	2	7	-1.140E+00	-3.958E-01	1.302E-01	-2.012E+04	-1.604E+04	-2.194E+03	-3.737E-01	-1.162E+00	1.403E+00	-1.508E+04	-2.108E+04	1.982E+00
279	2	8	-1.140E+00	-3.960E-01	1.314E-01	-2.012E+04	-1.604E+04	-2.195E+03	-3.735E-01	-1.163E+00	1.401E+00	-1.508E+04	-2.108E+04	1.982E+00
279	2	9	-1.537E+00	-4.945E-02	-8.094E-01	-1.980E+04	-1.574E+04	-2.029E+03	3.060E-01	-1.893E+00	1.985E+00	-1.490E+04	-2.064E+04	1.963E+00
279	2	10	-1.537E+00	-4.969E-02	-8.082E-01	-1.980E+04	-1.574E+04	-2.030E+03	3.049E-01	-1.892E+00	1.984E+00	-1.490E+04	-2.064E+04	1.963E+00
279	2	11	-9.282E-01	-4.982E-01	-5.588E-01	-2.007E+04	-1.559E+04	-1.936E+03	-1.144E-01	-1.312E+00	2.173E+00	-1.487E+04	-2.079E+04	1.927E+00
279	2	12	-9.280E-01	-4.984E-01	-5.576E-01	-2.007E+04	-1.559E+04	-1.937E+03	-1.157E-01	-1.311E+00	2.172E+00	-1.486E+04	-2.079E+04	1.927E+00
279	2	13	-1.533E+00	-4.988E-02	-7.992E-01	-1.980E+04	-1.574E+04	-2.032E+03	2.988E-01	-1.882E+00	1.982E+00	-1.490E+04	-2.064E+04	1.964E+00
279	2	14	-1.533E+00	-5.012E-02	-7.981E-01	-1.980E+04	-1.574E+04	-2.033E+03	2.977E-01	-1.881E+00	1.982E+00	-1.490E+04	-2.064E+04	1.964E+00
279	2	15	-9.243E-01	-4.986E-01	-5.486E-01	-2.007E+04	-1.559E+04	-1.939E+03	-1.230E-01	-1.300E+00	2.171E+00	-1.486E+04	-2.079E+04	1.927E+00
279	2	16	-9.242E-01	-4.989E-01	-5.475E-01	-2.007E+04	-1.559E+04	-1.940E+03	-1.242E-01	-1.299E+00	2.171E+00	-1.486E+04	-2.080E+04	1.927E+00
279	3	1	-2.145E+00	3.860E-01	4.042E-02	-4.122E+04	-4.099E+03	-1.590E+03	3.867E-01	-2.146E+00	1.555E+00	-4.031E+03	-4.128E+04	1.614E+00
279	3	2	-2.144E+00	3.857E-01	4.124E-02	-4.122E+04	-4.099E+03	-1.590E+03	3.864E-01	-2.145E+00	1.554E+00	-4.031E+03	-4.128E+04	1.614E+00
279	3	3	-1.837E+00	2.551E-01	4.059E-01	-4.147E+04	-3.959E+03	-1.475E+03	3.311E-01	-1.913E+00	1.386E+00	-3.901E+03	-4.153E+04	1.610E+00
279	3	4	-1.836E+00	2.548E-01	4.068E-01	-4.147E+04	-3.960E+03	-1.476E+03	3.311E-01	-1.912E+00	1.385E+00	-3.902E+03	-4.153E+04	1.610E+00
279	3	5	-2.138E+00	3.848E-01	4.864E-02	-4.122E+04	-4.100E+03	-1.592E+03	3.857E-01	-2.139E+00	1.552E+00	-4.032E+03	-4.129E+04	1.614E+00
279	3	6	-2.137E+00	3.845E-01	4.947E-02	-4.122E+04	-4.101E+03	-1.592E+03	3.854E-01	-2.138E+00	1.551E+00	-4.032E+03	-4.129E+04	1.614E+00
279	3	7	-1.829E+00	2.539E-01	4.142E-01	-4.148E+04	-3.961E+03	-1.477E+03	3.332E-01	-1.909E+00	1.382E+00	-3.903E+03	-4.153E+04	1.610E+00
279	3	8	-1.829E+00	2.536E-01	4.150E-01	-4.148E+04	-3.961E+03	-1.478E+03	3.332E-01	-1.908E+00	1.381E+00	-3.903E+03	-4.153E+04	1.610E+00
279	3	9	-1.408E+00	-3.868E-01	-8.190E-01	-4.093E+04	-3.657E+03	-1.396E+03	6.772E-02	-1.863E+00	2.077E+00	-3.605E+03	-4.098E+04	1.608E+00
279	3	10	-1.407E+00	-3.871E-01	-8.182E-01	-4.093E+04	-3.658E+03	-1.397E+03	6.694E-02	-1.861E+00	2.077E+00	-3.605E+03	-4.098E+04	1.608E+00
279	3	11	-1.100E+00	-5.177E-01	-4.534E-01	-4.118E+04	-3.518E+03	-1.282E+03	-2.699E-01	-1.348E+00	2.071E+00	-3.474E+03	-4.123E+04	1.605E+00
279	3	12	-1.099E+00	-5.180E-01	-4.526E-01	-4.118E+04	-3.518E+03	-1.283E+03	-2.707E-01	-1.346E+00	2.071E+00	-3.474E+03	-4.123E+04	1.605E+00
279	3	13	-1.401E+00	-3.880E-01	-8.108E-01	-4.093E+04	-3.659E+03	-1.398E+03	6.154E-02	-1.850E+00	2.077E+00	-3.606E+03	-4.098E+04	1.608E+00
279	3	14	-1.400E+00	-3.883E-01	-8.099E-01	-4.093E+04	-3.659E+03	-1.399E+03	6.076E-02	-1.849E+00	2.077E+00	-3.606E+03	-4.098E+04	1.608E+00
279	3	15	-1.093E+00	-5.189E-01	-4.452E-01	-4.119E+04	-3.519E+03	-1.284E+03	-2.761E-01	-1.335E+00	2.070E+00	-3.475E+03	-4.123E+04	1.605E+00
279	3	16	-1.092E+00	-5.192E-01	-4.444E-01	-4.119E+04	-3.519E+03	-1.285E+03	-2.769E-01	-1.334E+00	2.070E+00	-3.475E+03	-4.123E+04	1.605E+00
279	4	1	-1.816E+00	4.188E-01	2.529E-01	-5.807E+04	-1.723E+04	1.940E+03	4.470E-01	-1.844E+00	1.460E+00	-1.714E+04	-5.817E+04	1.523E+00
279	4	2	-1.816E+00	4.188E-01	2.534E-01	-5.807E+04	-1.723E+04	1.939E+03	4.472E-01	-1.844E+00	1.459E+00	-1.714E+04	-5.817E+04	1.523E+00
279	4	3	-1.276E+00	4.998E-01	7.818E-01	-5.844E+04	-1.729E+04	1.847E+03	7.949E-01	-1.571E+00	1.210E+00	-1.720E+04	-5.853E+04	1.526E+00
279	4	4	-1.276E+00	4.998E-01	7.823E-01	-5.844E+04	-1.729E+04	1.846E+03	7.953E-01	-1.572E+00	1.210E+00	-1.720E+04	-5.853E+04	1.526E+00
279	4	5	-1.812E+00	4.193E-01	2.593E-01	-5.808E+04	-1.723E+04	1.937E+03	4.491E-01	-1.842E+00	1.457E+00	-1.714E+04	-5.817E+04	1.524E+00
279	4	6	-1.812E+00	4.194E-01	2.598E-01	-5.808E+04	-1.723E+04	1.937E+03	4.492E-01	-1.842E+00	1.456E+00	-1.714E+04	-5.817E+04	1.524E+00
279	4	7	-1.272E+00	5.003E-01	7.882E-01	-5.845E+04	-1.729E+04	1.845E+03	8.001E-01	-1.572E+00	1.207E+00	-1.720E+04	-5.853E+04	1.526E+00
279	4	8	-1.272E+00	5.003E-01	7.887E-01	-5.845E+04	-1.729E+04	1.844E+03	8.004E-01	-1.572E+00	1.207E+00	-1.720E+04	-5.853E+04	1.526E+00
279	4	9	-1.442E+00	-7.080E-01	-8.939E-01	-5.782E+04	-1.660E+04	1.907E+03	-1.087E-01	-2.041E+00	2.161E+00	-1.651E+04	-5.791E+04	1.525E+00

279	4	10	-1.442E+00	-7.080E-01	-8.934E-01	-5.782E+04	-1.660E+04	1.906E+03	-1.091E-01	-2.041E+00	2.161E+00	-1.651E+04	-5.791E+04	1.525E+00
279	4	11	-9.020E-01	-6.271E-01	-3.649E-01	-5.819E+04	-1.665E+04	1.814E+03	-3.746E-01	-1.154E+00	2.176E+00	-1.657E+04	-5.827E+04	1.527E+00
279	4	12	-9.019E-01	-6.270E-01	-3.644E-01	-5.819E+04	-1.665E+04	1.814E+03	-3.750E-01	-1.154E+00	2.176E+00	-1.657E+04	-5.827E+04	1.527E+00
279	4	13	-1.438E+00	-7.075E-01	-8.875E-01	-5.782E+04	-1.660E+04	1.905E+03	-1.131E-01	-2.033E+00	2.161E+00	-1.651E+04	-5.791E+04	1.525E+00
279	4	14	-1.438E+00	-7.075E-01	-8.870E-01	-5.782E+04	-1.660E+04	1.904E+03	-1.135E-01	-2.032E+00	2.161E+00	-1.651E+04	-5.791E+04	1.525E+00
279	4	15	-8.983E-01	-6.265E-01	-3.585E-01	-5.820E+04	-1.665E+04	1.812E+03	-3.790E-01	-1.146E+00	2.175E+00	-1.657E+04	-5.827E+04	1.527E+00
279	4	16	-8.982E-01	-6.265E-01	-3.580E-01	-5.820E+04	-1.665E+04	1.812E+03	-3.794E-01	-1.145E+00	2.175E+00	-1.657E+04	-5.827E+04	1.527E+00
280	1	1	-2.193E+00	2.601E-02	1.645E-01	-4.019E+04	-1.386E+03	-9.906E+02	3.814E-02	-2.205E+00	1.497E+00	-1.361E+03	-4.022E+04	1.596E+00
280	1	2	-2.192E+00	2.599E-02	1.647E-01	-4.019E+04	-1.386E+03	-9.913E+02	3.815E-02	-2.205E+00	1.497E+00	-1.361E+03	-4.022E+04	1.596E+00
280	1	3	-1.883E+00	-1.325E-02	2.480E-01	-4.047E+04	-1.427E+03	-8.747E+02	1.908E-02	-1.915E+00	1.441E+00	-1.408E+03	-4.049E+04	1.593E+00
280	1	4	-1.882E+00	-1.327E-02	2.482E-01	-4.047E+04	-1.427E+03	-8.754E+02	1.913E-02	-1.914E+00	1.441E+00	-1.407E+03	-4.049E+04	1.593E+00
280	1	5	-2.186E+00	2.611E-02	1.663E-01	-4.020E+04	-1.386E+03	-9.929E+02	3.854E-02	-2.198E+00	1.496E+00	-1.361E+03	-4.022E+04	1.596E+00
280	1	6	-2.185E+00	2.609E-02	1.665E-01	-4.020E+04	-1.386E+03	-9.936E+02	3.856E-02	-2.197E+00	1.496E+00	-1.361E+03	-4.022E+04	1.596E+00
280	1	7	-1.875E+00	-1.316E-02	2.498E-01	-4.047E+04	-1.427E+03	-8.770E+02	1.977E-02	-1.908E+00	1.440E+00	-1.408E+03	-4.049E+04	1.593E+00
280	1	8	-1.875E+00	-1.317E-02	2.500E-01	-4.047E+04	-1.427E+03	-8.777E+02	1.982E-02	-1.908E+00	1.440E+00	-1.408E+03	-4.049E+04	1.593E+00
280	1	9	-1.335E+00	6.427E-02	-2.454E-01	-3.998E+04	-1.390E+03	-7.431E+02	1.061E-01	-1.376E+00	1.740E+00	-1.376E+03	-3.999E+04	1.590E+00
280	1	10	-1.334E+00	6.425E-02	-2.452E-01	-3.998E+04	-1.390E+03	-7.438E+02	1.060E-01	-1.376E+00	1.740E+00	-1.376E+03	-3.999E+04	1.590E+00
280	1	11	-1.024E+00	2.501E-02	-1.619E-01	-4.025E+04	-1.431E+03	-6.273E+02	4.942E-02	-1.049E+00	1.720E+00	-1.421E+03	-4.026E+04	1.587E+00
280	1	12	-1.023E+00	2.499E-02	-1.617E-01	-4.025E+04	-1.431E+03	-6.280E+02	4.937E-02	-1.048E+00	1.720E+00	-1.421E+03	-4.026E+04	1.587E+00
280	1	13	-1.327E+00	6.437E-02	-2.436E-01	-3.998E+04	-1.391E+03	-7.454E+02	1.058E-01	-1.368E+00	1.739E+00	-1.376E+03	-3.999E+04	1.590E+00
280	1	14	-1.326E+00	6.435E-02	-2.434E-01	-3.998E+04	-1.390E+03	-7.461E+02	1.057E-01	-1.368E+00	1.739E+00	-1.376E+03	-3.999E+04	1.590E+00
280	1	15	-1.017E+00	2.510E-02	-1.601E-01	-4.025E+04	-1.432E+03	-6.296E+02	4.916E-02	-1.041E+00	1.720E+00	-1.422E+03	-4.026E+04	1.587E+00
280	1	16	-1.016E+00	2.509E-02	-1.599E-01	-4.025E+04	-1.432E+03	-6.303E+02	4.910E-02	-1.040E+00	1.720E+00	-1.421E+03	-4.026E+04	1.587E+00
280	2	1	-2.340E+00	1.756E-01	-1.361E-01	-2.588E+04	-3.874E+03	-3.200E+02	1.829E-01	-2.347E+00	1.625E+00	-3.870E+03	-2.589E+04	1.585E+00
280	2	2	-2.339E+00	1.754E-01	-1.359E-01	-2.588E+04	-3.874E+03	-3.207E+02	1.828E-01	-2.346E+00	1.625E+00	-3.870E+03	-2.589E+04	1.585E+00
280	2	3	-2.032E+00	4.337E-02	-2.674E-02	-2.624E+04	-3.842E+03	-1.720E+02	4.371E-02	-2.032E+00	1.584E+00	-3.840E+03	-2.624E+04	1.578E+00
280	2	4	-2.031E+00	4.322E-02	-2.656E-02	-2.624E+04	-3.842E+03	-1.727E+02	4.356E-02	-2.031E+00	1.584E+00	-3.840E+03	-2.624E+04	1.579E+00
280	2	5	-2.332E+00	1.746E-01	-1.342E-01	-2.589E+04	-3.874E+03	-3.228E+02	1.818E-01	-2.340E+00	1.624E+00	-3.869E+03	-2.589E+04	1.585E+00
280	2	6	-2.332E+00	1.745E-01	-1.341E-01	-2.589E+04	-3.874E+03	-3.235E+02	1.816E-01	-2.339E+00	1.624E+00	-3.869E+03	-2.589E+04	1.585E+00
280	2	7	-2.024E+00	4.239E-02	-2.488E-02	-2.624E+04	-3.841E+03	-1.748E+02	4.268E-02	-2.024E+00	1.583E+00	-3.840E+03	-2.624E+04	1.579E+00
280	2	8	-2.023E+00	4.223E-02	-2.470E-02	-2.624E+04	-3.841E+03	-1.755E+02	4.253E-02	-2.024E+00	1.583E+00	-3.840E+03	-2.624E+04	1.579E+00
280	2	9	-1.151E+00	7.179E-02	8.166E-02	-2.575E+04	-3.827E+03	-3.721E+01	7.721E-02	-1.157E+00	1.504E+00	-3.827E+03	-2.575E+04	1.572E+00
280	2	10	-1.150E+00	7.163E-02	8.184E-02	-2.575E+04	-3.827E+03	-3.794E+01	7.709E-02	-1.156E+00	1.504E+00	-3.827E+03	-2.575E+04	1.573E+00
280	2	11	-8.428E-01	-6.045E-02	1.910E-01	-2.610E+04	-3.794E+03	1.108E+02	-1.630E-02	-8.870E-01	1.344E+00	-3.794E+03	-2.610E+04	1.566E+00
280	2	12	-8.420E-01	-6.060E-02	1.912E-01	-2.610E+04	-3.794E+03	1.100E+02	-1.632E-02	-8.863E-01	1.343E+00	-3.793E+03	-2.610E+04	1.566E+00
280	2	13	-1.144E+00	7.080E-02	8.352E-02	-2.575E+04	-3.826E+03	-3.998E+01	7.652E-02	-1.149E+00	1.502E+00	-3.826E+03	-2.575E+04	1.573E+00
280	2	14	-1.143E+00	7.065E-02	8.370E-02	-2.575E+04	-3.826E+03	-4.072E+01	7.640E-02	-1.149E+00	1.502E+00	-3.826E+03	-2.575E+04	1.573E+00
280	2	15	-8.353E-01	-6.143E-02	1.929E-01	-2.611E+04	-3.794E+03	1.080E+02	-1.601E-02	-8.807E-01	1.340E+00	-3.793E+03	-2.611E+04	1.566E+00
280	2	16	-8.345E-01	-6.158E-02	1.931E-01	-2.611E+04	-3.794E+03	1.073E+02	-1.604E-02	-8.801E-01	1.339E+00	-3.793E+03	-2.611E+04	1.566E+00
280	3	1	-2.500E+00	1.695E-01	1.614E-01	-4.029E+04	-5.394E+02	2.835E+03	1.792E-01	-2.510E+00	1.511E+00	-3.382E+02	-4.050E+04	1.500E+00
280	3	2	-2.499E+00	1.695E-01	1.616E-01	-4.029E+04	-5.394E+02	2.835E+03	1.792E-01	-2.509E+00	1.511E+00	-3.383E+02	-4.050E+04	1.500E+00
280	3	3	-2.179E+00	1.143E-01	2.483E-01	-4.056E+04	-5.612E+02	2.952E+03	1.409E-01	-2.206E+00	1.464E+00	-3.446E+02	-4.077E+04	1.498E+00
280	3	4	-2.178E+00	1.143E-01	2.485E-01	-4.056E+04	-5.613E+02	2.951E+03	1.409E-01	-2.205E+00	1.464E+00	-3.447E+02	-4.077E+04	1.498E+00

280	3	5	-2.492E+00	1.696E-01	1.632E-01	-4.030E+04	-5.401E+02	2.833E+03	1.796E-01	-2.502E+00	1.510E+00	-3.393E+02	-4.050E+04	1.500E+00
280	3	6	-2.492E+00	1.696E-01	1.634E-01	-4.030E+04	-5.402E+02	2.832E+03	1.796E-01	-2.502E+00	1.510E+00	-3.394E+02	-4.050E+04	1.500E+00
280	3	7	-2.171E+00	1.144E-01	2.502E-01	-4.056E+04	-5.619E+02	2.949E+03	1.414E-01	-2.198E+00	1.463E+00	-3.457E+02	-4.078E+04	1.498E+00
280	3	8	-2.171E+00	1.143E-01	2.503E-01	-4.056E+04	-5.620E+02	2.948E+03	1.415E-01	-2.198E+00	1.463E+00	-3.458E+02	-4.078E+04	1.498E+00
280	3	9	-9.819E-01	-8.871E-02	-2.488E-01	-3.998E+04	-3.699E+02	3.027E+03	-2.408E-02	-1.047E+00	1.825E+00	-1.400E+02	-4.021E+04	1.495E+00
280	3	10	-9.811E-01	-8.872E-02	-2.486E-01	-3.998E+04	-3.700E+02	3.026E+03	-2.414E-02	-1.046E+00	1.825E+00	-1.401E+02	-4.021E+04	1.495E+00
280	3	11	-6.609E-01	-1.439E-01	-1.618E-01	-4.024E+04	-3.918E+02	3.143E+03	-9.745E-02	-7.074E-01	1.850E+00	-1.454E+02	-4.049E+04	1.493E+00
280	3	12	-6.601E-01	-1.439E-01	-1.617E-01	-4.024E+04	-3.918E+02	3.142E+03	-9.750E-02	-7.066E-01	1.851E+00	-1.455E+02	-4.049E+04	1.493E+00
280	3	13	-9.743E-01	-8.864E-02	-2.470E-01	-3.998E+04	-3.706E+02	3.024E+03	-2.443E-02	-1.039E+00	1.825E+00	-1.411E+02	-4.021E+04	1.495E+00
280	3	14	-9.735E-01	-8.865E-02	-2.468E-01	-3.998E+04	-3.707E+02	3.024E+03	-2.449E-02	-1.038E+00	1.825E+00	-1.412E+02	-4.021E+04	1.495E+00
280	3	15	-6.533E-01	-1.439E-01	-1.600E-01	-4.024E+04	-3.925E+02	3.141E+03	-9.778E-02	-6.994E-01	1.851E+00	-1.465E+02	-4.049E+04	1.493E+00
280	3	16	-6.525E-01	-1.439E-01	-1.598E-01	-4.024E+04	-3.925E+02	3.140E+03	-9.783E-02	-6.986E-01	1.851E+00	-1.466E+02	-4.049E+04	1.493E+00
280	4	1	-2.353E+00	1.466E-02	4.553E-01	-5.471E+04	8.269E+02	5.127E+02	9.922E-02	-2.437E+00	1.387E+00	8.316E+02	-5.472E+04	1.562E+00
280	4	2	-2.352E+00	1.478E-02	4.555E-01	-5.471E+04	8.267E+02	5.120E+02	9.944E-02	-2.436E+00	1.387E+00	8.314E+02	-5.472E+04	1.562E+00
280	4	3	-2.031E+00	6.293E-02	5.297E-01	-5.489E+04	7.215E+02	6.353E+02	1.893E-01	-2.157E+00	1.337E+00	7.288E+02	-5.490E+04	1.559E+00
280	4	4	-2.030E+00	6.306E-02	5.299E-01	-5.489E+04	7.213E+02	6.346E+02	1.896E-01	-2.157E+00	1.336E+00	7.286E+02	-5.490E+04	1.559E+00
280	4	5	-2.345E+00	1.581E-02	4.571E-01	-5.471E+04	8.252E+02	5.103E+02	1.012E-01	-2.430E+00	1.386E+00	8.299E+02	-5.472E+04	1.562E+00
280	4	6	-2.344E+00	1.593E-02	4.573E-01	-5.471E+04	8.250E+02	5.095E+02	1.014E-01	-2.430E+00	1.386E+00	8.297E+02	-5.472E+04	1.562E+00
280	4	7	-2.023E+00	6.408E-02	5.315E-01	-5.489E+04	7.198E+02	6.329E+02	1.916E-01	-2.151E+00	1.335E+00	7.270E+02	-5.490E+04	1.559E+00
280	4	8	-2.022E+00	6.421E-02	5.317E-01	-5.489E+04	7.196E+02	6.322E+02	1.919E-01	-2.150E+00	1.335E+00	7.268E+02	-5.490E+04	1.559E+00
280	4	9	-1.165E+00	-1.015E-01	-5.825E-01	-5.431E+04	9.786E+02	4.492E+02	1.555E-01	-1.422E+00	1.986E+00	9.823E+02	-5.431E+04	1.563E+00
280	4	10	-1.164E+00	-1.014E-01	-5.823E-01	-5.431E+04	9.784E+02	4.485E+02	1.556E-01	-1.421E+00	1.986E+00	9.821E+02	-5.431E+04	1.563E+00
280	4	11	-8.430E-01	-5.321E-02	-5.081E-01	-5.449E+04	8.732E+02	5.718E+02	1.954E-01	-1.092E+00	2.026E+00	8.791E+02	-5.450E+04	1.560E+00
280	4	12	-8.422E-01	-5.309E-02	-5.080E-01	-5.449E+04	8.730E+02	5.711E+02	1.955E-01	-1.091E+00	2.026E+00	8.789E+02	-5.450E+04	1.560E+00
280	4	13	-1.157E+00	-1.003E-01	-5.807E-01	-5.431E+04	9.770E+02	4.467E+02	1.564E-01	-1.414E+00	1.987E+00	9.806E+02	-5.431E+04	1.563E+00
280	4	14	-1.156E+00	-1.002E-01	-5.805E-01	-5.431E+04	9.768E+02	4.460E+02	1.565E-01	-1.413E+00	1.987E+00	9.804E+02	-5.431E+04	1.563E+00
280	4	15	-8.353E-01	-5.206E-02	-5.064E-01	-5.449E+04	8.716E+02	5.693E+02	1.965E-01	-1.084E+00	2.027E+00	8.774E+02	-5.450E+04	1.561E+00
280	4	16	-8.345E-01	-5.194E-02	-5.062E-01	-5.449E+04	8.714E+02	5.686E+02	1.966E-01	-1.083E+00	2.027E+00	8.772E+02	-5.450E+04	1.561E+00
281	1	1	-7.600E-01	-9.704E-02	-1.597E-01	-4.030E+04	-4.456E+02	3.063E+03	-6.057E-02	-7.964E-01	1.795E+00	-2.116E+02	-4.053E+04	1.495E+00
281	1	2	-7.590E-01	-9.694E-02	-1.595E-01	-4.030E+04	-4.457E+02	3.062E+03	-6.050E-02	-7.955E-01	1.795E+00	-2.119E+02	-4.053E+04	1.495E+00
281	1	3	-1.045E+00	-4.288E-02	-2.421E-01	-4.005E+04	-4.327E+02	2.970E+03	1.251E-02	-1.101E+00	1.796E+00	-2.113E+02	-4.027E+04	1.496E+00
281	1	4	-1.044E+00	-4.278E-02	-2.419E-01	-4.005E+04	-4.328E+02	2.969E+03	1.257E-02	-1.100E+00	1.796E+00	-2.116E+02	-4.027E+04	1.496E+00
281	1	5	-7.524E-01	-9.697E-02	-1.579E-01	-4.030E+04	-4.464E+02	3.060E+03	-6.092E-02	-7.884E-01	1.795E+00	-2.127E+02	-4.053E+04	1.495E+00
281	1	6	-7.514E-01	-9.687E-02	-1.577E-01	-4.030E+04	-4.465E+02	3.059E+03	-6.086E-02	-7.874E-01	1.795E+00	-2.130E+02	-4.053E+04	1.495E+00
281	1	7	-1.038E+00	-4.281E-02	-2.402E-01	-4.005E+04	-4.335E+02	2.968E+03	1.215E-02	-1.093E+00	1.796E+00	-2.124E+02	-4.028E+04	1.496E+00
281	1	8	-1.037E+00	-4.271E-02	-2.401E-01	-4.005E+04	-4.336E+02	2.967E+03	1.222E-02	-1.092E+00	1.796E+00	-2.127E+02	-4.028E+04	1.496E+00
281	1	9	-2.017E+00	6.183E-02	2.343E-01	-4.051E+04	-5.074E+02	2.994E+03	8.790E-02	-2.043E+00	1.460E+00	-2.846E+02	-4.074E+04	1.497E+00
281	1	10	-2.016E+00	6.192E-02	2.344E-01	-4.051E+04	-5.075E+02	2.993E+03	8.804E-02	-2.042E+00	1.460E+00	-2.848E+02	-4.074E+04	1.497E+00
281	1	11	-2.302E+00	1.160E-01	1.519E-01	-4.027E+04	-4.945E+02	2.902E+03	1.255E-01	-2.312E+00	1.508E+00	-2.839E+02	-4.048E+04	1.498E+00
281	1	12	-2.301E+00	1.161E-01	1.521E-01	-4.027E+04	-4.946E+02	2.901E+03	1.256E-01	-2.311E+00	1.508E+00	-2.842E+02	-4.048E+04	1.498E+00
281	1	13	-2.009E+00	6.189E-02	2.361E-01	-4.051E+04	-5.082E+02	2.992E+03	8.846E-02	-2.036E+00	1.459E+00	-2.856E+02	-4.074E+04	1.497E+00
281	1	14	-2.008E+00	6.199E-02	2.363E-01	-4.052E+04	-5.083E+02	2.991E+03	8.861E-02	-2.035E+00	1.459E+00	-2.859E+02	-4.074E+04	1.497E+00
281	1	15	-2.295E+00	1.161E-01	1.537E-01	-4.027E+04	-4.953E+02	2.899E+03	1.258E-01	-2.305E+00	1.507E+00	-2.850E+02	-4.048E+04	1.498E+00

281	1	16	-2.294E+00	1.162E-01	1.539E-01	-4.027E+04	-4.954E+02	2.898E+03	1.259E-01	-2.304E+00	1.507E+00	-2.853E+02	-4.048E+04	1.498E+00
281	2	1	-9.036E-01	-7.995E-02	-4.241E-01	-5.456E+04	8.296E+02	6.033E+02	9.933E-02	-1.083E+00	1.971E+00	8.362E+02	-5.457E+04	1.560E+00
281	2	2	-9.026E-01	-7.980E-02	-4.238E-01	-5.456E+04	8.293E+02	6.023E+02	9.940E-02	-1.082E+00	1.971E+00	8.359E+02	-5.457E+04	1.560E+00
281	2	3	-1.184E+00	-1.220E-01	-4.825E-01	-5.438E+04	9.215E+02	5.019E+02	6.443E-02	-1.370E+00	1.940E+00	9.260E+02	-5.439E+04	1.562E+00
281	2	4	-1.183E+00	-1.219E-01	-4.822E-01	-5.438E+04	9.212E+02	5.009E+02	6.449E-02	-1.369E+00	1.940E+00	9.257E+02	-5.439E+04	1.562E+00
281	2	5	-8.960E-01	-7.880E-02	-4.223E-01	-5.456E+04	8.282E+02	6.012E+02	1.002E-01	-1.075E+00	1.972E+00	8.347E+02	-5.456E+04	1.560E+00
281	2	6	-8.950E-01	-7.865E-02	-4.220E-01	-5.456E+04	8.279E+02	6.003E+02	1.003E-01	-1.074E+00	1.972E+00	8.344E+02	-5.456E+04	1.560E+00
281	2	7	-1.176E+00	-1.209E-01	-4.807E-01	-5.438E+04	9.200E+02	4.998E+02	6.524E-02	-1.362E+00	1.940E+00	9.246E+02	-5.439E+04	1.562E+00
281	2	8	-1.175E+00	-1.207E-01	-4.804E-01	-5.438E+04	9.198E+02	4.988E+02	6.530E-02	-1.361E+00	1.940E+00	9.243E+02	-5.439E+04	1.562E+00
281	2	9	-1.921E+00	8.274E-02	4.063E-01	-5.484E+04	7.703E+02	5.787E+02	1.620E-01	-2.001E+00	1.378E+00	7.763E+02	-5.485E+04	1.560E+00
281	2	10	-1.920E+00	8.289E-02	4.066E-01	-5.484E+04	7.700E+02	5.777E+02	1.623E-01	-2.000E+00	1.378E+00	7.760E+02	-5.485E+04	1.560E+00
281	2	11	-2.202E+00	4.068E-02	3.479E-01	-5.466E+04	8.622E+02	4.772E+02	9.343E-02	-2.254E+00	1.420E+00	8.663E+02	-5.467E+04	1.562E+00
281	2	12	-2.201E+00	4.083E-02	3.482E-01	-5.466E+04	8.619E+02	4.763E+02	9.368E-02	-2.254E+00	1.420E+00	8.660E+02	-5.467E+04	1.562E+00
281	2	13	-1.914E+00	8.389E-02	4.081E-01	-5.484E+04	7.689E+02	5.766E+02	1.641E-01	-1.994E+00	1.377E+00	7.748E+02	-5.485E+04	1.560E+00
281	2	14	-1.913E+00	8.404E-02	4.084E-01	-5.484E+04	7.686E+02	5.756E+02	1.643E-01	-1.993E+00	1.377E+00	7.745E+02	-5.485E+04	1.560E+00
281	2	15	-2.194E+00	4.183E-02	3.497E-01	-5.466E+04	8.607E+02	4.752E+02	9.525E-02	-2.247E+00	1.419E+00	8.648E+02	-5.467E+04	1.562E+00
281	2	16	-2.193E+00	4.198E-02	3.500E-01	-5.466E+04	8.605E+02	4.742E+02	9.551E-02	-2.247E+00	1.419E+00	8.645E+02	-5.467E+04	1.562E+00
281	3	1	-1.039E+00	3.049E-02	-1.578E-01	-4.027E+04	-1.429E+03	-7.163E+02	5.330E-02	-1.061E+00	1.714E+00	-1.415E+03	-4.028E+04	1.589E+00
281	3	2	-1.038E+00	3.053E-02	-1.576E-01	-4.027E+04	-1.429E+03	-7.173E+02	5.331E-02	-1.060E+00	1.714E+00	-1.415E+03	-4.028E+04	1.589E+00
281	3	3	-1.301E+00	6.966E-02	-2.367E-01	-4.002E+04	-1.387E+03	-8.134E+02	1.094E-01	-1.340E+00	1.737E+00	-1.370E+03	-4.003E+04	1.592E+00
281	3	4	-1.300E+00	6.970E-02	-2.366E-01	-4.002E+04	-1.387E+03	-8.144E+02	1.094E-01	-1.339E+00	1.737E+00	-1.370E+03	-4.003E+04	1.592E+00
281	3	5	-1.031E+00	3.059E-02	-1.560E-01	-4.027E+04	-1.429E+03	-7.183E+02	5.304E-02	-1.054E+00	1.714E+00	-1.416E+03	-4.029E+04	1.589E+00
281	3	6	-1.030E+00	3.063E-02	-1.558E-01	-4.027E+04	-1.429E+03	-7.192E+02	5.305E-02	-1.052E+00	1.714E+00	-1.415E+03	-4.029E+04	1.589E+00
281	3	7	-1.293E+00	6.975E-02	-2.349E-01	-4.002E+04	-1.388E+03	-8.153E+02	1.091E-01	-1.333E+00	1.737E+00	-1.371E+03	-4.003E+04	1.592E+00
281	3	8	-1.292E+00	6.979E-02	-2.348E-01	-4.002E+04	-1.388E+03	-8.163E+02	1.091E-01	-1.331E+00	1.737E+00	-1.370E+03	-4.004E+04	1.592E+00
281	3	9	-1.835E+00	-1.775E-02	2.319E-01	-4.045E+04	-1.429E+03	-8.153E+02	1.137E-02	-1.864E+00	1.446E+00	-1.412E+03	-4.047E+04	1.592E+00
281	3	10	-1.834E+00	-1.771E-02	2.321E-01	-4.045E+04	-1.429E+03	-8.163E+02	1.147E-02	-1.863E+00	1.446E+00	-1.412E+03	-4.047E+04	1.592E+00
281	3	11	-2.097E+00	2.141E-02	1.530E-01	-4.020E+04	-1.388E+03	-9.124E+02	3.240E-02	-2.108E+00	1.499E+00	-1.366E+03	-4.022E+04	1.594E+00
281	3	12	-2.096E+00	2.145E-02	1.531E-01	-4.020E+04	-1.388E+03	-9.133E+02	3.247E-02	-2.107E+00	1.499E+00	-1.366E+03	-4.022E+04	1.594E+00
281	3	13	-1.827E+00	-1.766E-02	2.337E-01	-4.045E+04	-1.429E+03	-8.172E+02	1.203E-02	-1.857E+00	1.444E+00	-1.412E+03	-4.047E+04	1.592E+00
281	3	14	-1.826E+00	-1.762E-02	2.339E-01	-4.046E+04	-1.429E+03	-8.182E+02	1.213E-02	-1.856E+00	1.444E+00	-1.412E+03	-4.047E+04	1.592E+00
281	3	15	-2.089E+00	2.151E-02	1.548E-01	-4.020E+04	-1.388E+03	-9.143E+02	3.279E-02	-2.101E+00	1.498E+00	-1.366E+03	-4.022E+04	1.594E+00
281	3	16	-2.088E+00	2.155E-02	1.549E-01	-4.020E+04	-1.388E+03	-9.153E+02	3.286E-02	-2.100E+00	1.498E+00	-1.366E+03	-4.022E+04	1.594E+00
281	4	1	-8.953E-01	1.510E-02	1.098E-01	-2.611E+04	-3.812E+03	9.595E+00	2.816E-02	-9.084E-01	1.452E+00	-3.812E+03	-2.611E+04	1.570E+00
281	4	2	-8.943E-01	1.509E-02	1.099E-01	-2.612E+04	-3.812E+03	8.547E+00	2.818E-02	-9.074E-01	1.452E+00	-3.812E+03	-2.612E+04	1.570E+00
281	4	3	-1.162E+00	1.471E-01	3.612E-04	-2.579E+04	-3.840E+03	-1.166E+02	1.471E-01	-1.162E+00	1.571E+00	-3.840E+03	-2.579E+04	1.576E+00
281	4	4	-1.161E+00	1.471E-01	4.099E-04	-2.579E+04	-3.840E+03	-1.176E+02	1.471E-01	-1.161E+00	1.570E+00	-3.839E+03	-2.579E+04	1.576E+00
281	4	5	-8.879E-01	1.411E-02	1.117E-01	-2.612E+04	-3.812E+03	7.135E+00	2.774E-02	-9.015E-01	1.449E+00	-3.812E+03	-2.612E+04	1.570E+00
281	4	6	-8.869E-01	1.410E-02	1.118E-01	-2.612E+04	-3.812E+03	6.086E+00	2.776E-02	-9.005E-01	1.449E+00	-3.812E+03	-2.612E+04	1.571E+00
281	4	7	-1.154E+00	1.461E-01	2.232E-03	-2.580E+04	-3.840E+03	-1.190E+02	1.461E-01	-1.154E+00	1.569E+00	-3.839E+03	-2.580E+04	1.576E+00
281	4	8	-1.153E+00	1.461E-01	2.280E-03	-2.580E+04	-3.840E+03	-1.201E+02	1.461E-01	-1.153E+00	1.569E+00	-3.839E+03	-2.580E+04	1.576E+00
281	4	9	-1.931E+00	-3.698E-02	6.311E-02	-2.623E+04	-3.830E+03	-9.238E+01	-3.488E-02	-1.933E+00	1.538E+00	-3.829E+03	-2.623E+04	1.575E+00
281	4	10	-1.930E+00	-3.699E-02	6.315E-02	-2.624E+04	-3.830E+03	-9.343E+01	-3.489E-02	-1.932E+00	1.537E+00	-3.829E+03	-2.624E+04	1.575E+00

281	4	11	-2.197E+00	9.502E-02	-4.637E-02	-2.591E+04	-3.857E+03	-2.185E+02	9.596E-02	-2.198E+00	1.591E+00	-3.855E+03	-2.591E+04	1.581E+00
281	4	12	-2.196E+00	9.501E-02	-4.632E-02	-2.591E+04	-3.857E+03	-2.196E+02	9.595E-02	-2.197E+00	1.591E+00	-3.855E+03	-2.592E+04	1.581E+00
281	4	13	-1.924E+00	-3.797E-02	6.498E-02	-2.624E+04	-3.830E+03	-9.484E+01	-3.573E-02	-1.926E+00	1.536E+00	-3.829E+03	-2.624E+04	1.575E+00
281	4	14	-1.923E+00	-3.798E-02	6.502E-02	-2.624E+04	-3.829E+03	-9.589E+01	-3.574E-02	-1.925E+00	1.536E+00	-3.829E+03	-2.624E+04	1.575E+00
281	4	15	-2.190E+00	9.404E-02	-4.450E-02	-2.592E+04	-3.857E+03	-2.210E+02	9.491E-02	-2.191E+00	1.590E+00	-3.855E+03	-2.592E+04	1.581E+00
281	4	16	-2.189E+00	9.403E-02	-4.445E-02	-2.592E+04	-3.857E+03	-2.220E+02	9.489E-02	-2.190E+00	1.590E+00	-3.855E+03	-2.592E+04	1.581E+00
282	1	1	-1.099E+00	-4.057E-01	-4.476E-01	-4.123E+04	-3.675E+03	-1.334E+03	-1.863E-01	-1.319E+00	2.027E+00	-3.627E+03	-4.128E+04	1.606E+00
282	1	2	-1.098E+00	-4.056E-01	-4.464E-01	-4.123E+04	-3.675E+03	-1.335E+03	-1.870E-01	-1.317E+00	2.026E+00	-3.628E+03	-4.128E+04	1.606E+00
282	1	3	-1.356E+00	-2.674E-01	-7.559E-01	-4.099E+04	-3.811E+03	-1.441E+03	1.198E-01	-1.743E+00	2.044E+00	-3.756E+03	-4.105E+04	1.609E+00
282	1	4	-1.355E+00	-2.673E-01	-7.547E-01	-4.099E+04	-3.812E+03	-1.442E+03	1.191E-01	-1.741E+00	2.044E+00	-3.756E+03	-4.105E+04	1.609E+00
282	1	5	-1.092E+00	-4.070E-01	-4.394E-01	-4.123E+04	-3.676E+03	-1.336E+03	-1.924E-01	-1.307E+00	2.025E+00	-3.629E+03	-4.128E+04	1.606E+00
282	1	6	-1.091E+00	-4.069E-01	-4.382E-01	-4.123E+04	-3.677E+03	-1.337E+03	-1.930E-01	-1.305E+00	2.025E+00	-3.629E+03	-4.128E+04	1.606E+00
282	1	7	-1.349E+00	-2.686E-01	-7.477E-01	-4.100E+04	-3.813E+03	-1.443E+03	1.137E-01	-1.731E+00	2.043E+00	-3.757E+03	-4.105E+04	1.610E+00
282	1	8	-1.348E+00	-2.685E-01	-7.465E-01	-4.100E+04	-3.813E+03	-1.444E+03	1.130E-01	-1.729E+00	2.043E+00	-3.757E+03	-4.105E+04	1.610E+00
282	1	9	-1.810E+00	1.192E-01	3.457E-01	-4.144E+04	-3.822E+03	-1.422E+03	1.793E-01	-1.870E+00	1.399E+00	-3.768E+03	-4.149E+04	1.609E+00
282	1	10	-1.809E+00	1.193E-01	3.469E-01	-4.144E+04	-3.822E+03	-1.423E+03	1.798E-01	-1.869E+00	1.398E+00	-3.769E+03	-4.149E+04	1.609E+00
282	1	11	-2.066E+00	2.576E-01	3.744E-02	-4.120E+04	-3.959E+03	-1.528E+03	2.582E-01	-2.067E+00	1.555E+00	-3.896E+03	-4.126E+04	1.612E+00
282	1	12	-2.065E+00	2.577E-01	3.864E-02	-4.120E+04	-3.959E+03	-1.529E+03	2.583E-01	-2.066E+00	1.554E+00	-3.896E+03	-4.126E+04	1.612E+00
282	1	13	-1.802E+00	1.180E-01	3.539E-01	-4.144E+04	-3.824E+03	-1.424E+03	1.811E-01	-1.866E+00	1.394E+00	-3.770E+03	-4.149E+04	1.609E+00
282	1	14	-1.801E+00	1.181E-01	3.552E-01	-4.144E+04	-3.824E+03	-1.425E+03	1.817E-01	-1.865E+00	1.394E+00	-3.770E+03	-4.149E+04	1.609E+00
282	1	15	-2.059E+00	2.563E-01	4.566E-02	-4.120E+04	-3.960E+03	-1.530E+03	2.572E-01	-2.060E+00	1.551E+00	-3.898E+03	-4.126E+04	1.612E+00
282	1	16	-2.058E+00	2.564E-01	4.687E-02	-4.120E+04	-3.961E+03	-1.531E+03	2.574E-01	-2.059E+00	1.551E+00	-3.898E+03	-4.126E+04	1.612E+00
282	2	1	-8.318E-01	-6.934E-01	-3.529E-01	-5.820E+04	-1.677E+04	-1.906E+03	-4.031E-01	-1.122E+00	2.259E+00	-1.669E+04	-5.829E+04	1.617E+00
282	2	2	-8.310E-01	-6.933E-01	-3.518E-01	-5.820E+04	-1.677E+04	-1.907E+03	-4.037E-01	-1.121E+00	2.260E+00	-1.669E+04	-5.829E+04	1.617E+00
282	2	3	-1.342E+00	-7.700E-01	-8.375E-01	-5.783E+04	-1.672E+04	-1.862E+03	-1.710E-01	-1.941E+00	2.192E+00	-1.664E+04	-5.791E+04	1.616E+00
282	2	4	-1.341E+00	-7.698E-01	-8.365E-01	-5.783E+04	-1.672E+04	-1.863E+03	-1.716E-01	-1.939E+00	2.192E+00	-1.664E+04	-5.791E+04	1.616E+00
282	2	5	-8.282E-01	-6.929E-01	-3.465E-01	-5.820E+04	-1.677E+04	-1.907E+03	-4.075E-01	-1.114E+00	2.260E+00	-1.669E+04	-5.829E+04	1.617E+00
282	2	6	-8.273E-01	-6.927E-01	-3.454E-01	-5.820E+04	-1.677E+04	-1.908E+03	-4.081E-01	-1.112E+00	2.260E+00	-1.669E+04	-5.829E+04	1.617E+00
282	2	7	-1.338E+00	-7.694E-01	-8.311E-01	-5.783E+04	-1.672E+04	-1.863E+03	-1.754E-01	-1.932E+00	2.191E+00	-1.664E+04	-5.791E+04	1.616E+00
282	2	8	-1.338E+00	-7.693E-01	-8.301E-01	-5.783E+04	-1.672E+04	-1.864E+03	-1.761E-01	-1.931E+00	2.191E+00	-1.664E+04	-5.791E+04	1.616E+00
282	2	9	-1.336E+00	5.613E-01	7.078E-01	-5.845E+04	-1.717E+04	-1.885E+03	7.963E-01	-1.571E+00	1.250E+00	-1.708E+04	-5.853E+04	1.616E+00
282	2	10	-1.335E+00	5.615E-01	7.089E-01	-5.845E+04	-1.717E+04	-1.886E+03	7.971E-01	-1.571E+00	1.250E+00	-1.708E+04	-5.853E+04	1.616E+00
282	2	11	-1.847E+00	4.848E-01	2.231E-01	-5.808E+04	-1.712E+04	-1.842E+03	5.060E-01	-1.868E+00	1.476E+00	-1.703E+04	-5.816E+04	1.616E+00
282	2	12	-1.846E+00	4.849E-01	2.242E-01	-5.808E+04	-1.712E+04	-1.843E+03	5.063E-01	-1.867E+00	1.476E+00	-1.703E+04	-5.816E+04	1.616E+00
282	2	13	-1.333E+00	5.619E-01	7.142E-01	-5.845E+04	-1.717E+04	-1.887E+03	8.010E-01	-1.572E+00	1.248E+00	-1.708E+04	-5.853E+04	1.616E+00
282	2	14	-1.332E+00	5.620E-01	7.152E-01	-5.845E+04	-1.717E+04	-1.888E+03	8.018E-01	-1.571E+00	1.247E+00	-1.708E+04	-5.853E+04	1.616E+00
282	2	15	-1.843E+00	4.853E-01	2.295E-01	-5.808E+04	-1.712E+04	-1.843E+03	5.078E-01	-1.865E+00	1.473E+00	-1.703E+04	-5.816E+04	1.616E+00
282	2	16	-1.842E+00	4.855E-01	2.306E-01	-5.808E+04	-1.712E+04	-1.844E+03	5.081E-01	-1.865E+00	1.473E+00	-1.703E+04	-5.816E+04	1.616E+00
282	3	1	-6.383E-01	-5.368E-01	-4.983E-01	-3.964E+04	-2.112E+04	-1.250E+03	-8.667E-02	-1.088E+00	2.305E+00	-2.103E+04	-3.973E+04	1.638E+00
282	3	2	-6.377E-01	-5.366E-01	-4.971E-01	-3.964E+04	-2.112E+04	-1.251E+03	-8.745E-02	-1.087E+00	2.306E+00	-2.103E+04	-3.973E+04	1.638E+00
282	3	3	-1.480E+00	-2.568E-01	-8.575E-01	-3.925E+04	-2.101E+04	-1.317E+03	1.849E-01	-1.922E+00	2.046E+00	-2.092E+04	-3.934E+04	1.643E+00
282	3	4	-1.479E+00	-2.566E-01	-8.563E-01	-3.925E+04	-2.101E+04	-1.318E+03	1.842E-01	-1.920E+00	2.046E+00	-2.092E+04	-3.934E+04	1.643E+00
282	3	5	-6.381E-01	-5.355E-01	-4.900E-01	-3.964E+04	-2.112E+04	-1.252E+03	-9.413E-02	-1.079E+00	2.304E+00	-2.103E+04	-3.973E+04	1.638E+00

282	3	6	-6.375E-01	-5.352E-01	-4.888E-01	-3.964E+04	-2.112E+04	-1.253E+03	-9.491E-02	-1.078E+00	2.304E+00	-2.103E+04	-3.973E+04	1.638E+00
282	3	7	-1.480E+00	-2.555E-01	-8.492E-01	-3.924E+04	-2.101E+04	-1.319E+03	1.792E-01	-1.914E+00	2.044E+00	-2.091E+04	-3.934E+04	1.643E+00
282	3	8	-1.479E+00	-2.552E-01	-8.480E-01	-3.924E+04	-2.101E+04	-1.320E+03	1.786E-01	-1.913E+00	2.044E+00	-2.091E+04	-3.934E+04	1.643E+00
282	3	9	-6.739E-01	-2.531E-01	4.725E-01	-3.971E+04	-2.129E+04	-1.498E+03	5.369E-02	-9.807E-01	9.949E-01	-2.116E+04	-3.983E+04	1.651E+00
282	3	10	-6.734E-01	-2.528E-01	4.737E-01	-3.971E+04	-2.129E+04	-1.498E+03	5.514E-02	-9.813E-01	9.943E-01	-2.116E+04	-3.983E+04	1.651E+00
282	3	11	-1.516E+00	2.689E-02	1.133E-01	-3.931E+04	-2.118E+04	-1.564E+03	3.516E-02	-1.524E+00	1.498E+00	-2.104E+04	-3.944E+04	1.656E+00
282	3	12	-1.515E+00	2.717E-02	1.144E-01	-3.931E+04	-2.118E+04	-1.565E+03	3.561E-02	-1.523E+00	1.497E+00	-2.104E+04	-3.944E+04	1.656E+00
282	3	13	-6.737E-01	-2.518E-01	4.808E-01	-3.970E+04	-2.128E+04	-1.500E+03	6.231E-02	-9.878E-01	9.922E-01	-2.116E+04	-3.983E+04	1.651E+00
282	3	14	-6.732E-01	-2.515E-01	4.820E-01	-3.971E+04	-2.128E+04	-1.500E+03	6.376E-02	-9.884E-01	9.916E-01	-2.116E+04	-3.983E+04	1.652E+00
282	3	15	-1.515E+00	2.823E-02	1.216E-01	-3.931E+04	-2.118E+04	-1.566E+03	3.775E-02	-1.525E+00	1.493E+00	-2.104E+04	-3.944E+04	1.656E+00
282	3	16	-1.515E+00	2.850E-02	1.228E-01	-3.931E+04	-2.118E+04	-1.567E+03	3.821E-02	-1.524E+00	1.492E+00	-2.104E+04	-3.944E+04	1.656E+00
282	4	1	-9.089E-01	-2.261E-01	-5.873E-01	-2.009E+04	-1.583E+04	-1.999E+03	1.118E-01	-1.247E+00	2.093E+00	-1.504E+04	-2.088E+04	1.948E+00
282	4	2	-9.081E-01	-2.258E-01	-5.859E-01	-2.009E+04	-1.583E+04	-2.000E+03	1.110E-01	-1.245E+00	2.093E+00	-1.504E+04	-2.089E+04	1.948E+00
282	4	3	-1.491E+00	2.227E-01	-7.817E-01	-1.984E+04	-1.597E+04	-2.092E+03	5.257E-01	-1.794E+00	1.941E+00	-1.505E+04	-2.075E+04	1.983E+00
282	4	4	-1.490E+00	2.229E-01	-7.803E-01	-1.984E+04	-1.597E+04	-2.093E+03	5.251E-01	-1.792E+00	1.940E+00	-1.505E+04	-2.075E+04	1.983E+00
282	4	5	-9.051E-01	-2.265E-01	-5.771E-01	-2.009E+04	-1.583E+04	-2.003E+03	1.036E-01	-1.235E+00	2.090E+00	-1.504E+04	-2.089E+04	1.948E+00
282	4	6	-9.043E-01	-2.263E-01	-5.758E-01	-2.009E+04	-1.583E+04	-2.004E+03	1.029E-01	-1.233E+00	2.090E+00	-1.504E+04	-2.089E+04	1.948E+00
282	4	7	-1.487E+00	2.222E-01	-7.715E-01	-1.984E+04	-1.597E+04	-2.095E+03	5.190E-01	-1.783E+00	1.938E+00	-1.505E+04	-2.076E+04	1.983E+00
282	4	8	-1.486E+00	2.225E-01	-7.702E-01	-1.984E+04	-1.597E+04	-2.096E+03	5.184E-01	-1.782E+00	1.938E+00	-1.505E+04	-2.076E+04	1.983E+00
282	4	9	-1.151E+00	-6.722E-01	1.162E-01	-2.010E+04	-1.581E+04	-2.152E+03	-6.454E-01	-1.177E+00	1.345E+00	-1.492E+04	-2.099E+04	1.964E+00
282	4	10	-1.150E+00	-6.719E-01	1.175E-01	-2.010E+04	-1.581E+04	-2.153E+03	-6.446E-01	-1.177E+00	1.342E+00	-1.492E+04	-2.099E+04	1.965E+00
282	4	11	-1.732E+00	-2.234E-01	-7.822E-02	-1.984E+04	-1.595E+04	-2.245E+03	-2.194E-01	-1.736E+00	1.622E+00	-1.492E+04	-2.087E+04	1.999E+00
282	4	12	-1.731E+00	-2.232E-01	-7.689E-02	-1.984E+04	-1.595E+04	-2.246E+03	-2.193E-01	-1.735E+00	1.622E+00	-1.492E+04	-2.087E+04	1.999E+00
282	4	13	-1.147E+00	-6.726E-01	1.263E-01	-2.010E+04	-1.581E+04	-2.155E+03	-6.410E-01	-1.178E+00	1.326E+00	-1.491E+04	-2.099E+04	1.965E+00
282	4	14	-1.146E+00	-6.724E-01	1.277E-01	-2.010E+04	-1.581E+04	-2.157E+03	-6.401E-01	-1.178E+00	1.324E+00	-1.491E+04	-2.100E+04	1.965E+00
282	4	15	-1.728E+00	-2.238E-01	-6.806E-02	-1.984E+04	-1.595E+04	-2.248E+03	-2.208E-01	-1.731E+00	1.616E+00	-1.492E+04	-2.087E+04	1.999E+00
282	4	16	-1.728E+00	-2.236E-01	-6.673E-02	-1.984E+04	-1.595E+04	-2.249E+03	-2.206E-01	-1.731E+00	1.615E+00	-1.492E+04	-2.087E+04	1.999E+00
283	1	1	-5.825E-01	-1.693E-01	-5.038E-01	-3.970E+04	-2.145E+04	-1.307E+03	1.686E-01	-9.204E-01	2.162E+00	-2.136E+04	-3.979E+04	1.642E+00
283	1	2	-5.819E-01	-1.694E-01	-5.029E-01	-3.970E+04	-2.145E+04	-1.308E+03	1.679E-01	-9.192E-01	2.162E+00	-2.136E+04	-3.979E+04	1.642E+00
283	1	3	-1.426E+00	1.076E-01	-9.244E-02	-3.930E+04	-2.135E+04	-1.254E+03	1.131E-01	-1.431E+00	1.631E+00	-2.127E+04	-3.939E+04	1.640E+00
283	1	4	-1.425E+00	1.075E-01	-9.159E-02	-3.931E+04	-2.135E+04	-1.255E+03	1.129E-01	-1.431E+00	1.630E+00	-2.127E+04	-3.939E+04	1.640E+00
283	1	5	-5.827E-01	-1.706E-01	-4.954E-01	-3.970E+04	-2.145E+04	-1.309E+03	1.600E-01	-9.132E-01	2.159E+00	-2.136E+04	-3.979E+04	1.642E+00
283	1	6	-5.821E-01	-1.707E-01	-4.946E-01	-3.970E+04	-2.145E+04	-1.310E+03	1.592E-01	-9.121E-01	2.159E+00	-2.136E+04	-3.979E+04	1.642E+00
283	1	7	-1.426E+00	1.063E-01	-8.412E-02	-3.930E+04	-2.135E+04	-1.256E+03	1.109E-01	-1.431E+00	1.625E+00	-2.127E+04	-3.939E+04	1.640E+00
283	1	8	-1.426E+00	1.061E-01	-8.326E-02	-3.930E+04	-2.135E+04	-1.257E+03	1.106E-01	-1.430E+00	1.625E+00	-2.127E+04	-3.939E+04	1.640E+00
283	1	9	-7.292E-01	-6.261E-01	4.624E-01	-3.965E+04	-2.095E+04	-1.570E+03	-2.124E-01	-1.143E+00	8.409E-01	-2.082E+04	-3.978E+04	1.654E+00
283	1	10	-7.287E-01	-6.262E-01	4.633E-01	-3.965E+04	-2.095E+04	-1.571E+03	-2.114E-01	-1.144E+00	8.405E-01	-2.082E+04	-3.978E+04	1.654E+00
283	1	11	-1.573E+00	-3.493E-01	8.738E-01	-3.925E+04	-2.085E+04	-1.517E+03	1.056E-01	-2.028E+00	1.091E+00	-2.073E+04	-3.937E+04	1.653E+00
283	1	12	-1.572E+00	-3.494E-01	8.746E-01	-3.925E+04	-2.085E+04	-1.518E+03	1.064E-01	-2.028E+00	1.090E+00	-2.073E+04	-3.937E+04	1.653E+00
283	1	13	-7.294E-01	-6.275E-01	4.708E-01	-3.965E+04	-2.095E+04	-1.572E+03	-2.049E-01	-1.152E+00	8.393E-01	-2.082E+04	-3.978E+04	1.654E+00
283	1	14	-7.289E-01	-6.276E-01	4.716E-01	-3.965E+04	-2.095E+04	-1.573E+03	-2.039E-01	-1.153E+00	8.389E-01	-2.082E+04	-3.978E+04	1.654E+00
283	1	15	-1.573E+00	-3.506E-01	8.821E-01	-3.925E+04	-2.085E+04	-1.519E+03	1.114E-01	-2.035E+00	1.088E+00	-2.073E+04	-3.937E+04	1.653E+00
283	1	16	-1.572E+00	-3.507E-01	8.830E-01	-3.925E+04	-2.085E+04	-1.520E+03	1.121E-01	-2.035E+00	1.088E+00	-2.073E+04	-3.937E+04	1.653E+00

283	2	1	-1.272E+00	5.003E-01	-7.887E-01	-5.845E+04	-1.729E+04	1.940E+03	8.004E-01	-1.572E+00	1.934E+00	-1.719E+04	-5.854E+04	1.524E+00
283	2	2	-1.272E+00	5.003E-01	-7.882E-01	-5.845E+04	-1.729E+04	1.939E+03	8.001E-01	-1.572E+00	1.934E+00	-1.719E+04	-5.854E+04	1.524E+00
283	2	3	-1.812E+00	4.194E-01	-2.598E-01	-5.808E+04	-1.723E+04	1.847E+03	4.492E-01	-1.842E+00	1.685E+00	-1.715E+04	-5.816E+04	1.526E+00
283	2	4	-1.812E+00	4.193E-01	-2.593E-01	-5.808E+04	-1.723E+04	1.846E+03	4.491E-01	-1.842E+00	1.685E+00	-1.715E+04	-5.816E+04	1.526E+00
283	2	5	-1.276E+00	4.998E-01	-7.823E-01	-5.844E+04	-1.729E+04	1.937E+03	7.953E-01	-1.572E+00	1.932E+00	-1.719E+04	-5.854E+04	1.524E+00
283	2	6	-1.276E+00	4.998E-01	-7.818E-01	-5.844E+04	-1.729E+04	1.937E+03	7.949E-01	-1.571E+00	1.932E+00	-1.719E+04	-5.854E+04	1.524E+00
283	2	7	-1.816E+00	4.188E-01	-2.534E-01	-5.807E+04	-1.723E+04	1.845E+03	4.472E-01	-1.844E+00	1.682E+00	-1.715E+04	-5.816E+04	1.526E+00
283	2	8	-1.816E+00	4.188E-01	-2.529E-01	-5.807E+04	-1.723E+04	1.844E+03	4.470E-01	-1.844E+00	1.682E+00	-1.715E+04	-5.816E+04	1.526E+00
283	2	9	-8.982E-01	-6.265E-01	3.580E-01	-5.820E+04	-1.665E+04	1.907E+03	-3.794E-01	-1.145E+00	9.667E-01	-1.656E+04	-5.828E+04	1.525E+00
283	2	10	-8.983E-01	-6.265E-01	3.585E-01	-5.820E+04	-1.665E+04	1.906E+03	-3.790E-01	-1.146E+00	9.665E-01	-1.656E+04	-5.828E+04	1.525E+00
283	2	11	-1.438E+00	-7.075E-01	8.870E-01	-5.782E+04	-1.660E+04	1.814E+03	-1.135E-01	-2.032E+00	9.807E-01	-1.652E+04	-5.790E+04	1.527E+00
283	2	12	-1.438E+00	-7.075E-01	8.875E-01	-5.782E+04	-1.660E+04	1.814E+03	-1.131E-01	-2.033E+00	9.806E-01	-1.652E+04	-5.790E+04	1.527E+00
283	2	13	-9.019E-01	-6.270E-01	3.644E-01	-5.819E+04	-1.665E+04	1.905E+03	-3.750E-01	-1.154E+00	9.657E-01	-1.656E+04	-5.828E+04	1.525E+00
283	2	14	-9.020E-01	-6.271E-01	3.649E-01	-5.819E+04	-1.665E+04	1.904E+03	-3.746E-01	-1.154E+00	9.655E-01	-1.656E+04	-5.828E+04	1.525E+00
283	2	15	-1.442E+00	-7.080E-01	8.934E-01	-5.782E+04	-1.660E+04	1.812E+03	-1.091E-01	-2.041E+00	9.802E-01	-1.652E+04	-5.790E+04	1.527E+00
283	2	16	-1.442E+00	-7.080E-01	8.939E-01	-5.782E+04	-1.660E+04	1.812E+03	-1.087E-01	-2.041E+00	9.801E-01	-1.652E+04	-5.790E+04	1.527E+00
283	3	1	-1.829E+00	2.536E-01	-4.150E-01	-4.148E+04	-3.961E+03	1.478E+03	3.332E-01	-1.908E+00	1.760E+00	-3.903E+03	-4.153E+04	1.531E+00
283	3	2	-1.829E+00	2.539E-01	-4.142E-01	-4.148E+04	-3.961E+03	1.477E+03	3.332E-01	-1.909E+00	1.760E+00	-3.903E+03	-4.153E+04	1.531E+00
283	3	3	-2.137E+00	3.845E-01	-4.947E-02	-4.122E+04	-4.101E+03	1.592E+03	3.854E-01	-2.138E+00	1.590E+00	-4.032E+03	-4.129E+04	1.528E+00
283	3	4	-2.138E+00	3.848E-01	-4.864E-02	-4.122E+04	-4.100E+03	1.592E+03	3.857E-01	-2.139E+00	1.590E+00	-4.032E+03	-4.129E+04	1.528E+00
283	3	5	-1.836E+00	2.548E-01	-4.068E-01	-4.147E+04	-3.960E+03	1.476E+03	3.311E-01	-1.912E+00	1.756E+00	-3.902E+03	-4.153E+04	1.532E+00
283	3	6	-1.837E+00	2.551E-01	-4.059E-01	-4.147E+04	-3.959E+03	1.475E+03	3.311E-01	-1.913E+00	1.756E+00	-3.901E+03	-4.153E+04	1.532E+00
283	3	7	-2.144E+00	3.857E-01	-4.124E-02	-4.122E+04	-4.099E+03	1.590E+03	3.864E-01	-2.145E+00	1.587E+00	-4.031E+03	-4.128E+04	1.528E+00
283	3	8	-2.145E+00	3.860E-01	-4.042E-02	-4.122E+04	-4.099E+03	1.590E+03	3.867E-01	-2.146E+00	1.587E+00	-4.031E+03	-4.128E+04	1.528E+00
283	3	9	-1.092E+00	-5.192E-01	4.444E-01	-4.119E+04	-3.519E+03	1.285E+03	-2.769E-01	-1.334E+00	1.072E+00	-3.475E+03	-4.123E+04	1.537E+00
283	3	10	-1.093E+00	-5.189E-01	4.452E-01	-4.119E+04	-3.519E+03	1.284E+03	-2.761E-01	-1.335E+00	1.072E+00	-3.475E+03	-4.123E+04	1.537E+00
283	3	11	-1.400E+00	-3.883E-01	8.099E-01	-4.093E+04	-3.659E+03	1.399E+03	6.076E-02	-1.849E+00	1.065E+00	-3.606E+03	-4.098E+04	1.533E+00
283	3	12	-1.401E+00	-3.880E-01	8.108E-01	-4.093E+04	-3.659E+03	1.398E+03	6.154E-02	-1.850E+00	1.065E+00	-3.606E+03	-4.098E+04	1.533E+00
283	3	13	-1.099E+00	-5.180E-01	4.526E-01	-4.118E+04	-3.518E+03	1.283E+03	-2.707E-01	-1.346E+00	1.071E+00	-3.474E+03	-4.123E+04	1.537E+00
283	3	14	-1.100E+00	-5.177E-01	4.534E-01	-4.118E+04	-3.518E+03	1.282E+03	-2.699E-01	-1.348E+00	1.071E+00	-3.474E+03	-4.123E+04	1.537E+00
283	3	15	-1.407E+00	-3.871E-01	8.182E-01	-4.093E+04	-3.658E+03	1.397E+03	6.694E-02	-1.861E+00	1.064E+00	-3.605E+03	-4.098E+04	1.533E+00
283	3	16	-1.408E+00	-3.868E-01	8.190E-01	-4.093E+04	-3.657E+03	1.396E+03	6.772E-02	-1.863E+00	1.064E+00	-3.605E+03	-4.098E+04	1.533E+00
283	4	1	-1.140E+00	-3.960E-01	-1.314E-01	-2.012E+04	-1.604E+04	2.195E+03	-3.735E-01	-1.163E+00	1.741E+00	-1.508E+04	-2.108E+04	1.160E+00
283	4	2	-1.140E+00	-3.958E-01	-1.302E-01	-2.012E+04	-1.604E+04	2.194E+03	-3.737E-01	-1.162E+00	1.739E+00	-1.508E+04	-2.108E+04	1.160E+00
283	4	3	-1.749E+00	5.271E-02	1.192E-01	-1.985E+04	-1.619E+04	2.288E+03	6.056E-02	-1.757E+00	1.505E+00	-1.509E+04	-2.095E+04	1.123E+00
283	4	4	-1.749E+00	5.295E-02	1.204E-01	-1.985E+04	-1.619E+04	2.287E+03	6.095E-02	-1.757E+00	1.504E+00	-1.509E+04	-2.095E+04	1.123E+00
283	4	5	-1.144E+00	-3.956E-01	-1.212E-01	-2.012E+04	-1.604E+04	2.192E+03	-3.764E-01	-1.163E+00	1.727E+00	-1.508E+04	-2.107E+04	1.160E+00
283	4	6	-1.144E+00	-3.954E-01	-1.201E-01	-2.012E+04	-1.604E+04	2.191E+03	-3.766E-01	-1.163E+00	1.726E+00	-1.508E+04	-2.107E+04	1.160E+00
283	4	7	-1.753E+00	5.315E-02	1.294E-01	-1.984E+04	-1.619E+04	2.285E+03	6.236E-02	-1.762E+00	1.500E+00	-1.509E+04	-2.094E+04	1.123E+00
283	4	8	-1.753E+00	5.338E-02	1.305E-01	-1.984E+04	-1.619E+04	2.284E+03	6.276E-02	-1.763E+00	1.499E+00	-1.509E+04	-2.094E+04	1.123E+00
283	4	9	-9.242E-01	-4.989E-01	5.475E-01	-2.007E+04	-1.559E+04	1.940E+03	-1.242E-01	-1.299E+00	9.706E-01	-1.486E+04	-2.080E+04	1.214E+00
283	4	10	-9.243E-01	-4.986E-01	5.486E-01	-2.007E+04	-1.559E+04	1.939E+03	-1.230E-01	-1.300E+00	9.704E-01	-1.486E+04	-2.079E+04	1.214E+00
283	4	11	-1.533E+00	-5.012E-02	7.981E-01	-1.980E+04	-1.574E+04	2.033E+03	2.977E-01	-1.881E+00	1.160E+00	-1.490E+04	-2.064E+04	1.178E+00

283	4	12	-1.533E+00	-4.988E-02	7.992E-01	-1.980E+04	-1.574E+04	2.032E+03	2.988E-01	-1.882E+00	1.159E+00	-1.490E+04	-2.064E+04	1.178E+00
283	4	13	-9.280E-01	-4.984E-01	5.576E-01	-2.007E+04	-1.559E+04	1.937E+03	-1.157E-01	-1.311E+00	9.692E-01	-1.486E+04	-2.079E+04	1.215E+00
283	4	14	-9.282E-01	-4.982E-01	5.588E-01	-2.007E+04	-1.559E+04	1.936E+03	-1.144E-01	-1.312E+00	9.690E-01	-1.487E+04	-2.079E+04	1.215E+00
283	4	15	-1.537E+00	-4.969E-02	8.082E-01	-1.980E+04	-1.574E+04	2.030E+03	3.049E-01	-1.892E+00	1.157E+00	-1.490E+04	-2.064E+04	1.178E+00
283	4	16	-1.537E+00	-4.945E-02	8.094E-01	-1.980E+04	-1.574E+04	2.029E+03	3.060E-01	-1.893E+00	1.157E+00	-1.490E+04	-2.064E+04	1.178E+00
284	1	1	-1.875E+00	-1.317E-02	-2.500E-01	-4.047E+04	-1.427E+03	8.777E+02	1.982E-02	-1.908E+00	1.702E+00	-1.408E+03	-4.049E+04	1.548E+00
284	1	2	-1.875E+00	-1.316E-02	-2.498E-01	-4.047E+04	-1.427E+03	8.770E+02	1.977E-02	-1.908E+00	1.702E+00	-1.408E+03	-4.049E+04	1.548E+00
284	1	3	-2.185E+00	2.609E-02	-1.665E-01	-4.020E+04	-1.386E+03	9.936E+02	3.856E-02	-2.197E+00	1.646E+00	-1.361E+03	-4.022E+04	1.545E+00
284	1	4	-2.186E+00	2.611E-02	-1.663E-01	-4.020E+04	-1.386E+03	9.929E+02	3.854E-02	-2.198E+00	1.645E+00	-1.361E+03	-4.022E+04	1.545E+00
284	1	5	-1.882E+00	-1.327E-02	-2.482E-01	-4.047E+04	-1.427E+03	8.754E+02	1.913E-02	-1.914E+00	1.701E+00	-1.407E+03	-4.049E+04	1.548E+00
284	1	6	-1.883E+00	-1.325E-02	-2.480E-01	-4.047E+04	-1.427E+03	8.747E+02	1.908E-02	-1.915E+00	1.700E+00	-1.408E+03	-4.049E+04	1.548E+00
284	1	7	-2.192E+00	2.599E-02	-1.647E-01	-4.019E+04	-1.386E+03	9.913E+02	3.815E-02	-2.205E+00	1.644E+00	-1.361E+03	-4.022E+04	1.545E+00
284	1	8	-2.193E+00	2.601E-02	-1.645E-01	-4.019E+04	-1.386E+03	9.906E+02	3.814E-02	-2.205E+00	1.644E+00	-1.361E+03	-4.022E+04	1.545E+00
284	1	9	-1.016E+00	2.509E-02	1.599E-01	-4.025E+04	-1.432E+03	6.303E+02	4.910E-02	-1.040E+00	1.422E+00	-1.421E+03	-4.026E+04	1.555E+00
284	1	10	-1.017E+00	2.510E-02	1.601E-01	-4.025E+04	-1.432E+03	6.296E+02	4.916E-02	-1.041E+00	1.422E+00	-1.422E+03	-4.026E+04	1.555E+00
284	1	11	-1.326E+00	6.435E-02	2.434E-01	-3.998E+04	-1.390E+03	7.461E+02	1.057E-01	-1.368E+00	1.402E+00	-1.376E+03	-3.999E+04	1.551E+00
284	1	12	-1.327E+00	6.437E-02	2.436E-01	-3.998E+04	-1.391E+03	7.454E+02	1.058E-01	-1.368E+00	1.402E+00	-1.376E+03	-3.999E+04	1.551E+00
284	1	13	-1.023E+00	2.499E-02	1.617E-01	-4.025E+04	-1.431E+03	6.280E+02	4.937E-02	-1.048E+00	1.421E+00	-1.421E+03	-4.026E+04	1.555E+00
284	1	14	-1.024E+00	2.501E-02	1.619E-01	-4.025E+04	-1.431E+03	6.273E+02	4.942E-02	-1.049E+00	1.421E+00	-1.421E+03	-4.026E+04	1.555E+00
284	1	15	-1.334E+00	6.425E-02	2.452E-01	-3.998E+04	-1.390E+03	7.438E+02	1.060E-01	-1.376E+00	1.402E+00	-1.376E+03	-3.999E+04	1.552E+00
284	1	16	-1.335E+00	6.427E-02	2.454E-01	-3.998E+04	-1.390E+03	7.431E+02	1.061E-01	-1.376E+00	1.402E+00	-1.376E+03	-3.999E+04	1.552E+00
284	2	1	-2.022E+00	6.421E-02	-5.317E-01	-5.489E+04	7.196E+02	5.127E+02	1.919E-01	-2.150E+00	1.806E+00	7.244E+02	-5.490E+04	1.562E+00
284	2	2	-2.023E+00	6.408E-02	-5.315E-01	-5.489E+04	7.198E+02	5.120E+02	1.916E-01	-2.151E+00	1.806E+00	7.245E+02	-5.490E+04	1.562E+00
284	2	3	-2.344E+00	1.593E-02	-4.573E-01	-5.471E+04	8.250E+02	6.353E+02	1.014E-01	-2.430E+00	1.756E+00	8.323E+02	-5.472E+04	1.559E+00
284	2	4	-2.345E+00	1.581E-02	-4.571E-01	-5.471E+04	8.252E+02	6.346E+02	1.012E-01	-2.430E+00	1.756E+00	8.325E+02	-5.472E+04	1.559E+00
284	2	5	-2.030E+00	6.306E-02	-5.299E-01	-5.489E+04	7.213E+02	5.103E+02	1.896E-01	-2.157E+00	1.805E+00	7.260E+02	-5.490E+04	1.562E+00
284	2	6	-2.031E+00	6.293E-02	-5.297E-01	-5.489E+04	7.215E+02	5.095E+02	1.893E-01	-2.157E+00	1.805E+00	7.262E+02	-5.490E+04	1.562E+00
284	2	7	-2.352E+00	1.478E-02	-4.555E-01	-5.471E+04	8.267E+02	6.329E+02	9.944E-02	-2.436E+00	1.755E+00	8.339E+02	-5.472E+04	1.559E+00
284	2	8	-2.353E+00	1.466E-02	-4.553E-01	-5.471E+04	8.269E+02	6.322E+02	9.922E-02	-2.437E+00	1.754E+00	8.341E+02	-5.472E+04	1.559E+00
284	2	9	-8.345E-01	-5.194E-02	5.062E-01	-5.449E+04	8.714E+02	4.492E+02	1.966E-01	-1.083E+00	1.114E+00	8.750E+02	-5.449E+04	1.563E+00
284	2	10	-8.353E-01	-5.206E-02	5.064E-01	-5.449E+04	8.716E+02	4.485E+02	1.965E-01	-1.084E+00	1.115E+00	8.752E+02	-5.449E+04	1.563E+00
284	2	11	-1.156E+00	-1.002E-01	5.805E-01	-5.431E+04	9.768E+02	5.718E+02	1.565E-01	-1.413E+00	1.154E+00	9.827E+02	-5.432E+04	1.560E+00
284	2	12	-1.157E+00	-1.003E-01	5.807E-01	-5.431E+04	9.770E+02	5.711E+02	1.564E-01	-1.414E+00	1.155E+00	9.829E+02	-5.432E+04	1.560E+00
284	2	13	-8.422E-01	-5.309E-02	5.080E-01	-5.449E+04	8.730E+02	4.467E+02	1.955E-01	-1.091E+00	1.116E+00	8.766E+02	-5.449E+04	1.563E+00
284	2	14	-8.430E-01	-5.321E-02	5.081E-01	-5.449E+04	8.732E+02	4.460E+02	1.954E-01	-1.092E+00	1.116E+00	8.768E+02	-5.449E+04	1.563E+00
284	2	15	-1.164E+00	-1.014E-01	5.823E-01	-5.431E+04	9.784E+02	5.693E+02	1.556E-01	-1.421E+00	1.155E+00	9.843E+02	-5.432E+04	1.561E+00
284	2	16	-1.165E+00	-1.015E-01	5.825E-01	-5.431E+04	9.786E+02	5.686E+02	1.555E-01	-1.422E+00	1.155E+00	9.845E+02	-5.432E+04	1.561E+00
284	3	1	-2.171E+00	1.143E-01	-2.503E-01	-4.056E+04	-5.620E+02	-2.948E+03	1.415E-01	-2.198E+00	1.679E+00	-3.458E+02	-4.078E+04	1.644E+00
284	3	2	-2.171E+00	1.144E-01	-2.502E-01	-4.056E+04	-5.619E+02	-2.949E+03	1.414E-01	-2.198E+00	1.679E+00	-3.457E+02	-4.078E+04	1.644E+00
284	3	3	-2.492E+00	1.696E-01	-1.634E-01	-4.030E+04	-5.402E+02	-2.832E+03	1.796E-01	-2.502E+00	1.632E+00	-3.394E+02	-4.050E+04	1.642E+00
284	3	4	-2.492E+00	1.696E-01	-1.632E-01	-4.030E+04	-5.401E+02	-2.833E+03	1.796E-01	-2.502E+00	1.632E+00	-3.393E+02	-4.050E+04	1.642E+00
284	3	5	-2.178E+00	1.143E-01	-2.485E-01	-4.056E+04	-5.613E+02	-2.951E+03	1.409E-01	-2.205E+00	1.678E+00	-3.447E+02	-4.077E+04	1.644E+00
284	3	6	-2.179E+00	1.143E-01	-2.483E-01	-4.056E+04	-5.612E+02	-2.952E+03	1.409E-01	-2.206E+00	1.677E+00	-3.446E+02	-4.077E+04	1.644E+00

284	3	7	-2.499E+00	1.695E-01	-1.616E-01	-4.029E+04	-5.394E+02	-2.835E+03	1.792E-01	-2.509E+00	1.631E+00	-3.383E+02	-4.050E+04	1.642E+00
284	3	8	-2.500E+00	1.695E-01	-1.614E-01	-4.029E+04	-5.394E+02	-2.835E+03	1.792E-01	-2.510E+00	1.631E+00	-3.382E+02	-4.050E+04	1.642E+00
284	3	9	-6.525E-01	-1.439E-01	1.598E-01	-4.024E+04	-3.925E+02	-3.140E+03	-9.783E-02	-6.986E-01	1.290E+00	-1.466E+02	-4.049E+04	1.649E+00
284	3	10	-6.533E-01	-1.439E-01	1.600E-01	-4.024E+04	-3.925E+02	-3.141E+03	-9.778E-02	-6.994E-01	1.290E+00	-1.465E+02	-4.049E+04	1.649E+00
284	3	11	-9.735E-01	-8.865E-02	2.468E-01	-3.998E+04	-3.707E+02	-3.024E+03	-2.449E-02	-1.038E+00	1.316E+00	-1.412E+02	-4.021E+04	1.647E+00
284	3	12	-9.743E-01	-8.864E-02	2.470E-01	-3.998E+04	-3.706E+02	-3.024E+03	-2.443E-02	-1.039E+00	1.316E+00	-1.411E+02	-4.021E+04	1.647E+00
284	3	13	-6.601E-01	-1.439E-01	1.617E-01	-4.024E+04	-3.918E+02	-3.142E+03	-9.750E-02	-7.066E-01	1.291E+00	-1.455E+02	-4.049E+04	1.649E+00
284	3	14	-6.609E-01	-1.439E-01	1.618E-01	-4.024E+04	-3.918E+02	-3.143E+03	-9.745E-02	-7.074E-01	1.291E+00	-1.454E+02	-4.049E+04	1.649E+00
284	3	15	-9.811E-01	-8.872E-02	2.486E-01	-3.998E+04	-3.700E+02	-3.026E+03	-2.414E-02	-1.046E+00	1.317E+00	-1.401E+02	-4.021E+04	1.647E+00
284	3	16	-9.819E-01	-8.871E-02	2.488E-01	-3.998E+04	-3.699E+02	-3.027E+03	-2.408E-02	-1.047E+00	1.317E+00	-1.400E+02	-4.021E+04	1.647E+00
284	4	1	-2.023E+00	4.223E-02	2.470E-02	-2.624E+04	-3.841E+03	1.755E+02	4.253E-02	-2.024E+00	1.559E+00	-3.840E+03	-2.624E+04	1.563E+00
284	4	2	-2.024E+00	4.239E-02	2.488E-02	-2.624E+04	-3.841E+03	1.748E+02	4.268E-02	-2.024E+00	1.559E+00	-3.840E+03	-2.624E+04	1.563E+00
284	4	3	-2.332E+00	1.745E-01	1.341E-01	-2.589E+04	-3.874E+03	3.235E+02	1.816E-01	-2.339E+00	1.518E+00	-3.869E+03	-2.589E+04	1.556E+00
284	4	4	-2.332E+00	1.746E-01	1.342E-01	-2.589E+04	-3.874E+03	3.228E+02	1.818E-01	-2.340E+00	1.517E+00	-3.869E+03	-2.589E+04	1.556E+00
284	4	5	-2.031E+00	4.322E-02	2.656E-02	-2.624E+04	-3.842E+03	1.727E+02	4.356E-02	-2.031E+00	1.558E+00	-3.840E+03	-2.624E+04	1.563E+00
284	4	6	-2.032E+00	4.337E-02	2.674E-02	-2.624E+04	-3.842E+03	1.720E+02	4.371E-02	-2.032E+00	1.558E+00	-3.840E+03	-2.624E+04	1.563E+00
284	4	7	-2.339E+00	1.754E-01	1.359E-01	-2.588E+04	-3.874E+03	3.207E+02	1.828E-01	-2.346E+00	1.517E+00	-3.870E+03	-2.589E+04	1.556E+00
284	4	8	-2.340E+00	1.756E-01	1.361E-01	-2.588E+04	-3.874E+03	3.200E+02	1.829E-01	-2.347E+00	1.517E+00	-3.870E+03	-2.589E+04	1.556E+00
284	4	9	-8.345E-01	-6.158E-02	-1.931E-01	-2.611E+04	-3.794E+03	-1.073E+02	-1.604E-02	-8.801E-01	1.802E+00	-3.793E+03	-2.611E+04	1.576E+00
284	4	10	-8.353E-01	-6.143E-02	-1.929E-01	-2.611E+04	-3.794E+03	-1.080E+02	-1.601E-02	-8.807E-01	1.802E+00	-3.793E+03	-2.611E+04	1.576E+00
284	4	11	-1.143E+00	7.065E-02	-8.370E-02	-2.575E+04	-3.826E+03	4.072E+01	7.640E-02	-1.149E+00	1.639E+00	-3.826E+03	-2.575E+04	1.569E+00
284	4	12	-1.144E+00	7.080E-02	-8.352E-02	-2.575E+04	-3.826E+03	3.998E+01	7.652E-02	-1.149E+00	1.639E+00	-3.826E+03	-2.575E+04	1.569E+00
284	4	13	-8.420E-01	-6.060E-02	-1.912E-01	-2.610E+04	-3.794E+03	-1.100E+02	-1.632E-02	-8.863E-01	1.798E+00	-3.793E+03	-2.610E+04	1.576E+00
284	4	14	-8.428E-01	-6.045E-02	-1.910E-01	-2.610E+04	-3.794E+03	-1.108E+02	-1.630E-02	-8.870E-01	1.798E+00	-3.794E+03	-2.610E+04	1.576E+00
284	4	15	-1.150E+00	7.163E-02	-8.184E-02	-2.575E+04	-3.827E+03	3.794E+01	7.709E-02	-1.156E+00	1.637E+00	-3.827E+03	-2.575E+04	1.569E+00
284	4	16	-1.151E+00	7.179E-02	-8.166E-02	-2.575E+04	-3.827E+03	3.721E+01	7.721E-02	-1.157E+00	1.637E+00	-3.827E+03	-2.575E+04	1.569E+00
285	1	1	-1.869E-01	-2.189E+00	5.615E-01	2.072E+03	-1.193E+04	1.585E+02	-4.010E-02	-2.335E+00	2.556E-01	2.074E+03	-1.193E+04	1.132E-02
285	1	2	-1.865E-01	-2.185E+00	5.607E-01	2.071E+03	-1.193E+04	1.590E+02	-4.000E-02	-2.332E+00	2.556E-01	2.073E+03	-1.194E+04	1.135E-02
285	1	3	-1.275E-01	-3.046E+00	2.387E-01	2.118E+03	-1.170E+04	1.955E+02	-1.082E-01	-3.065E+00	8.108E-02	2.120E+03	-1.170E+04	1.415E-02
285	1	4	-1.272E-01	-3.043E+00	2.379E-01	2.117E+03	-1.170E+04	1.959E+02	-1.079E-01	-3.062E+00	8.088E-02	2.120E+03	-1.170E+04	1.417E-02
285	1	5	-1.854E-01	-2.165E+00	5.625E-01	2.070E+03	-1.194E+04	1.599E+02	-3.677E-02	-2.314E+00	2.584E-01	2.072E+03	-1.194E+04	1.141E-02
285	1	6	-1.851E-01	-2.162E+00	5.617E-01	2.070E+03	-1.194E+04	1.603E+02	-3.667E-02	-2.310E+00	2.584E-01	2.072E+03	-1.194E+04	1.144E-02
285	1	7	-1.261E-01	-3.022E+00	2.397E-01	2.116E+03	-1.171E+04	1.969E+02	-1.064E-01	-3.042E+00	8.202E-02	2.119E+03	-1.171E+04	1.424E-02
285	1	8	-1.258E-01	-3.019E+00	2.389E-01	2.116E+03	-1.171E+04	1.973E+02	-1.062E-01	-3.039E+00	8.183E-02	2.119E+03	-1.171E+04	1.427E-02
285	1	9	-8.872E-02	-2.223E+00	3.313E-02	2.064E+03	-1.216E+04	2.087E+02	-8.821E-02	-2.223E+00	1.552E-02	2.067E+03	-1.216E+04	1.467E-02
285	1	10	-8.841E-02	-2.220E+00	3.230E-02	2.063E+03	-1.216E+04	2.091E+02	-8.792E-02	-2.220E+00	1.515E-02	2.066E+03	-1.216E+04	1.470E-02
285	1	11	-2.941E-02	-3.080E+00	-2.897E-01	2.109E+03	-1.193E+04	2.457E+02	-2.138E-03	-3.107E+00	-9.385E-02	2.114E+03	-1.193E+04	1.750E-02
285	1	12	-2.909E-02	-3.077E+00	-2.905E-01	2.109E+03	-1.193E+04	2.461E+02	-1.639E-03	-3.104E+00	-9.420E-02	2.114E+03	-1.193E+04	1.752E-02
285	1	13	-8.731E-02	-2.199E+00	3.413E-02	2.062E+03	-1.217E+04	2.100E+02	-8.676E-02	-2.200E+00	1.615E-02	2.065E+03	-1.217E+04	1.476E-02
285	1	14	-8.699E-02	-2.196E+00	3.330E-02	2.062E+03	-1.217E+04	2.105E+02	-8.646E-02	-2.197E+00	1.578E-02	2.065E+03	-1.217E+04	1.479E-02
285	1	15	-2.799E-02	-3.057E+00	-2.887E-01	2.108E+03	-1.193E+04	2.470E+02	-7.131E-04	-3.084E+00	-9.420E-02	2.112E+03	-1.194E+04	1.758E-02
285	1	16	-2.767E-02	-3.053E+00	-2.895E-01	2.108E+03	-1.194E+04	2.474E+02	-2.138E-04	-3.081E+00	-9.455E-02	2.112E+03	-1.194E+04	1.761E-02
285	2	1	5.554E-01	-3.201E+00	3.406E-01	4.011E+03	-4.574E+03	9.112E+02	5.861E-01	-3.232E+00	8.969E-02	4.107E+03	-4.670E+03	1.046E-01

285	2	2	5.547E-01	-3.197E+00	3.400E-01	4.011E+03	-4.576E+03	9.119E+02	5.852E-01	-3.228E+00	8.965E-02	4.107E+03	-4.672E+03	1.046E-01
285	2	3	4.680E-01	-4.433E+00	-1.221E-01	4.185E+03	-4.141E+03	1.003E+03	4.710E-01	-4.436E+00	-2.489E-02	4.304E+03	-4.260E+03	1.182E-01
285	2	4	4.672E-01	-4.428E+00	-1.227E-01	4.185E+03	-4.142E+03	1.004E+03	4.703E-01	-4.431E+00	-2.504E-02	4.304E+03	-4.261E+03	1.183E-01
285	2	5	5.535E-01	-3.171E+00	3.433E-01	4.010E+03	-4.583E+03	9.135E+02	5.849E-01	-3.203E+00	9.115E-02	4.106E+03	-4.679E+03	1.047E-01
285	2	6	5.527E-01	-3.167E+00	3.427E-01	4.010E+03	-4.585E+03	9.143E+02	5.840E-01	-3.198E+00	9.111E-02	4.106E+03	-4.681E+03	1.048E-01
285	2	7	4.660E-01	-4.402E+00	-1.193E-01	4.184E+03	-4.149E+03	1.006E+03	4.689E-01	-4.405E+00	-2.449E-02	4.303E+03	-4.269E+03	1.184E-01
285	2	8	4.653E-01	-4.398E+00	-1.200E-01	4.184E+03	-4.151E+03	1.006E+03	4.682E-01	-4.401E+00	-2.465E-02	4.304E+03	-4.271E+03	1.185E-01
285	2	9	3.455E-01	-2.997E+00	-1.861E-01	4.096E+03	-4.698E+03	1.035E+03	3.559E-01	-3.007E+00	-5.544E-02	4.216E+03	-4.818E+03	1.156E-01
285	2	10	3.448E-01	-2.992E+00	-1.867E-01	4.096E+03	-4.700E+03	1.036E+03	3.552E-01	-3.003E+00	-5.571E-02	4.216E+03	-4.820E+03	1.156E-01
285	2	11	2.581E-01	-4.228E+00	-6.487E-01	4.270E+03	-4.264E+03	1.127E+03	3.500E-01	-4.320E+00	-1.408E-01	4.416E+03	-4.411E+03	1.291E-01
285	2	12	2.573E-01	-4.223E+00	-6.493E-01	4.270E+03	-4.266E+03	1.128E+03	3.495E-01	-4.316E+00	-1.411E-01	4.416E+03	-4.412E+03	1.292E-01
285	2	13	3.436E-01	-2.967E+00	-1.833E-01	4.095E+03	-4.707E+03	1.037E+03	3.537E-01	-2.977E+00	-5.516E-02	4.215E+03	-4.828E+03	1.157E-01
285	2	14	3.428E-01	-2.962E+00	-1.840E-01	4.095E+03	-4.708E+03	1.038E+03	3.530E-01	-2.972E+00	-5.543E-02	4.216E+03	-4.829E+03	1.158E-01
285	2	15	2.561E-01	-4.198E+00	-6.460E-01	4.269E+03	-4.273E+03	1.129E+03	3.479E-01	-4.290E+00	-1.412E-01	4.416E+03	-4.420E+03	1.292E-01
285	2	16	2.554E-01	-4.193E+00	-6.466E-01	4.269E+03	-4.275E+03	1.130E+03	3.475E-01	-4.285E+00	-1.415E-01	4.416E+03	-4.421E+03	1.293E-01
285	3	1	6.741E-01	-2.385E+00	-6.053E-02	2.164E+03	1.366E+03	9.522E+02	6.753E-01	-2.386E+00	-1.977E-02	2.798E+03	7.327E+02	5.870E-01
285	3	2	6.730E-01	-2.382E+00	-6.064E-02	2.165E+03	1.365E+03	9.524E+02	6.742E-01	-2.383E+00	-1.984E-02	2.798E+03	7.322E+02	5.868E-01
285	3	3	3.659E-01	-3.177E+00	-5.995E-01	2.296E+03	1.828E+03	1.066E+03	4.646E-01	-3.276E+00	-1.631E-01	3.154E+03	9.705E+02	6.774E-01
285	3	4	3.647E-01	-3.174E+00	-5.996E-01	2.296E+03	1.828E+03	1.067E+03	4.636E-01	-3.273E+00	-1.634E-01	3.154E+03	9.700E+02	6.772E-01
285	3	5	6.725E-01	-2.361E+00	-5.541E-02	2.164E+03	1.359E+03	9.521E+02	6.735E-01	-2.362E+00	-1.826E-02	2.796E+03	7.281E+02	5.854E-01
285	3	6	6.714E-01	-2.357E+00	-5.551E-02	2.165E+03	1.359E+03	9.523E+02	6.724E-01	-2.358E+00	-1.832E-02	2.796E+03	7.276E+02	5.852E-01
285	3	7	3.643E-01	-3.153E+00	-5.944E-01	2.296E+03	1.821E+03	1.066E+03	4.620E-01	-3.251E+00	-1.630E-01	3.151E+03	9.664E+02	6.759E-01
285	3	8	3.631E-01	-3.150E+00	-5.945E-01	2.297E+03	1.821E+03	1.066E+03	4.610E-01	-3.247E+00	-1.632E-01	3.151E+03	9.660E+02	6.757E-01
285	3	9	2.608E-01	-2.296E+00	-4.733E-01	2.250E+03	1.344E+03	1.001E+03	3.456E-01	-2.380E+00	-1.773E-01	2.896E+03	6.980E+02	5.730E-01
285	3	10	2.596E-01	-2.292E+00	-4.734E-01	2.250E+03	1.343E+03	1.001E+03	3.447E-01	-2.377E+00	-1.777E-01	2.896E+03	6.974E+02	5.729E-01
285	3	11	-4.741E-02	-3.088E+00	-1.012E+00	2.381E+03	1.806E+03	1.115E+03	2.588E-01	-3.394E+00	-2.937E-01	3.246E+03	9.420E+02	6.592E-01
285	3	12	-4.857E-02	-3.084E+00	-1.012E+00	2.382E+03	1.806E+03	1.116E+03	2.581E-01	-3.391E+00	-2.941E-01	3.246E+03	9.415E+02	6.590E-01
285	3	13	2.592E-01	-2.271E+00	-4.682E-01	2.250E+03	1.337E+03	1.001E+03	3.431E-01	-2.355E+00	-1.772E-01	2.894E+03	6.932E+02	5.716E-01
285	3	14	2.580E-01	-2.268E+00	-4.683E-01	2.250E+03	1.337E+03	1.001E+03	3.421E-01	-2.352E+00	-1.776E-01	2.894E+03	6.927E+02	5.714E-01
285	3	15	-4.902E-02	-3.064E+00	-1.007E+00	2.382E+03	1.799E+03	1.115E+03	2.565E-01	-3.369E+00	-2.945E-01	3.243E+03	9.378E+02	6.577E-01
285	3	16	-5.018E-02	-3.060E+00	-1.007E+00	2.382E+03	1.799E+03	1.115E+03	2.558E-01	-3.366E+00	-2.949E-01	3.243E+03	9.373E+02	6.576E-01
285	4	1	-3.339E-02	-1.370E+00	1.532E-01	5.795E+02	-6.249E+03	1.582E+03	-1.605E-02	-1.388E+00	1.127E-01	9.284E+02	-6.598E+03	2.170E-01
285	4	2	-3.348E-02	-1.368E+00	1.529E-01	5.796E+02	-6.250E+03	1.583E+03	-1.619E-02	-1.386E+00	1.126E-01	9.286E+02	-6.599E+03	2.170E-01
285	4	3	-2.644E-01	-1.792E+00	-2.315E-01	5.215E+02	-5.966E+03	1.639E+03	-2.301E-01	-1.827E+00	-1.471E-01	9.122E+02	-6.357E+03	2.340E-01
285	4	4	-2.645E-01	-1.790E+00	-2.319E-01	5.215E+02	-5.967E+03	1.640E+03	-2.300E-01	-1.825E+00	-1.475E-01	9.124E+02	-6.358E+03	2.340E-01
285	4	5	-3.162E-02	-1.353E+00	1.566E-01	5.803E+02	-6.256E+03	1.584E+03	-1.331E-02	-1.371E+00	1.164E-01	9.295E+02	-6.605E+03	2.170E-01
285	4	6	-3.172E-02	-1.351E+00	1.563E-01	5.803E+02	-6.257E+03	1.584E+03	-1.345E-02	-1.369E+00	1.164E-01	9.297E+02	-6.606E+03	2.170E-01
285	4	7	-2.626E-01	-1.775E+00	-2.282E-01	5.222E+02	-5.972E+03	1.641E+03	-2.290E-01	-1.809E+00	-1.465E-01	9.133E+02	-6.363E+03	2.339E-01
285	4	8	-2.627E-01	-1.773E+00	-2.285E-01	5.223E+02	-5.973E+03	1.641E+03	-2.289E-01	-1.806E+00	-1.469E-01	9.135E+02	-6.365E+03	2.340E-01
285	4	9	-1.387E-01	-1.520E+00	-2.613E-01	5.820E+02	-6.382E+03	1.669E+03	-9.088E-02	-1.568E+00	-1.809E-01	9.612E+02	-6.761E+03	2.234E-01
285	4	10	-1.388E-01	-1.518E+00	-2.616E-01	5.821E+02	-6.383E+03	1.669E+03	-9.079E-02	-1.565E+00	-1.814E-01	9.614E+02	-6.762E+03	2.235E-01
285	4	11	-3.697E-01	-1.942E+00	-6.461E-01	5.240E+02	-6.099E+03	1.725E+03	-1.382E-01	-2.173E+00	-3.440E-01	9.466E+02	-6.521E+03	2.402E-01
285	4	12	-3.698E-01	-1.940E+00	-6.464E-01	5.240E+02	-6.100E+03	1.726E+03	-1.379E-01	-2.171E+00	-3.445E-01	9.468E+02	-6.522E+03	2.402E-01

285	4	13	-1.369E-01	-1.502E+00	-2.579E-01	5.828E+02	-6.388E+03	1.670E+03	-8.981E-02	-1.549E+00	-1.806E-01	9.622E+02	-6.768E+03	2.234E-01
285	4	14	-1.370E-01	-1.500E+00	-2.582E-01	5.828E+02	-6.389E+03	1.671E+03	-8.972E-02	-1.547E+00	-1.811E-01	9.624E+02	-6.769E+03	2.234E-01
285	4	15	-3.679E-01	-1.924E+00	-6.427E-01	5.247E+02	-6.105E+03	1.727E+03	-1.368E-01	-2.155E+00	-3.452E-01	9.476E+02	-6.528E+03	2.401E-01
285	4	16	-3.680E-01	-1.922E+00	-6.430E-01	5.248E+02	-6.106E+03	1.728E+03	-1.364E-01	-2.154E+00	-3.457E-01	9.478E+02	-6.529E+03	2.402E-01
286	1	1	-3.601E-01	-1.796E+00	1.435E+00	-4.401E+03	-9.392E+03	1.993E+03	5.262E-01	-2.683E+00	5.534E-01	-3.703E+03	-1.009E+04	3.369E-01
286	1	2	-3.596E-01	-1.794E+00	1.433E+00	-4.401E+03	-9.392E+03	1.993E+03	5.255E-01	-2.679E+00	5.534E-01	-3.703E+03	-1.009E+04	3.370E-01
286	1	3	9.886E-02	-2.322E+00	1.268E+00	-4.435E+03	-9.066E+03	2.006E+03	6.416E-01	-2.865E+00	4.043E-01	-3.687E+03	-9.814E+03	3.570E-01
286	1	4	9.941E-02	-2.319E+00	1.266E+00	-4.435E+03	-9.066E+03	2.007E+03	6.411E-01	-2.861E+00	4.042E-01	-3.687E+03	-9.814E+03	3.570E-01
286	1	5	-3.586E-01	-1.780E+00	1.426E+00	-4.401E+03	-9.395E+03	1.994E+03	5.237E-01	-2.662E+00	5.542E-01	-3.703E+03	-1.009E+04	3.370E-01
286	1	6	-3.581E-01	-1.777E+00	1.424E+00	-4.402E+03	-9.395E+03	1.994E+03	5.230E-01	-2.658E+00	5.542E-01	-3.703E+03	-1.009E+04	3.370E-01
286	1	7	1.004E-01	-2.306E+00	1.259E+00	-4.435E+03	-9.069E+03	2.007E+03	6.388E-01	-2.844E+00	4.041E-01	-3.687E+03	-9.817E+03	3.570E-01
286	1	8	1.009E-01	-2.303E+00	1.257E+00	-4.435E+03	-9.069E+03	2.008E+03	6.383E-01	-2.840E+00	4.039E-01	-3.687E+03	-9.818E+03	3.570E-01
286	1	9	-7.330E-01	-1.550E+00	5.815E-01	-4.389E+03	-9.408E+03	2.038E+03	-4.307E-01	-1.852E+00	4.793E-01	-3.665E+03	-1.013E+04	3.410E-01
286	1	10	-7.324E-01	-1.547E+00	5.795E-01	-4.389E+03	-9.409E+03	2.038E+03	-4.313E-01	-1.848E+00	4.791E-01	-3.665E+03	-1.013E+04	3.410E-01
286	1	11	-2.740E-01	-2.076E+00	4.151E-01	-4.422E+03	-9.082E+03	2.051E+03	-1.829E-01	-2.167E+00	2.159E-01	-3.648E+03	-9.856E+03	3.610E-01
286	1	12	-2.734E-01	-2.073E+00	4.131E-01	-4.423E+03	-9.082E+03	2.052E+03	-1.831E-01	-2.163E+00	2.152E-01	-3.648E+03	-9.857E+03	3.610E-01
286	1	13	-7.315E-01	-1.533E+00	5.724E-01	-4.389E+03	-9.411E+03	2.039E+03	-4.335E-01	-1.831E+00	4.800E-01	-3.665E+03	-1.014E+04	3.410E-01
286	1	14	-7.309E-01	-1.530E+00	5.703E-01	-4.389E+03	-9.412E+03	2.040E+03	-4.341E-01	-1.827E+00	4.798E-01	-3.665E+03	-1.014E+04	3.411E-01
286	1	15	-2.725E-01	-2.059E+00	4.059E-01	-4.423E+03	-9.085E+03	2.053E+03	-1.845E-01	-2.147E+00	2.133E-01	-3.648E+03	-9.860E+03	3.610E-01
286	1	16	-2.719E-01	-2.056E+00	4.039E-01	-4.423E+03	-9.086E+03	2.053E+03	-1.847E-01	-2.143E+00	2.126E-01	-3.648E+03	-9.861E+03	3.610E-01
286	2	1	-7.872E-01	1.340E-01	8.655E-01	-8.006E+03	-7.317E+03	6.356E+02	6.538E-01	-1.307E+00	1.030E+00	-6.938E+03	-8.384E+03	1.034E+00
286	2	2	-7.858E-01	1.342E-01	8.644E-01	-8.006E+03	-7.317E+03	6.362E+02	6.533E-01	-1.305E+00	1.030E+00	-6.938E+03	-8.385E+03	1.034E+00
286	2	3	-8.291E-02	6.637E-02	1.165E+00	-8.049E+03	-7.159E+03	5.972E+02	1.159E+00	-1.176E+00	8.174E-01	-6.859E+03	-8.348E+03	1.106E+00
286	2	4	-8.151E-02	6.648E-02	1.164E+00	-8.049E+03	-7.159E+03	5.977E+02	1.159E+00	-1.174E+00	8.171E-01	-6.859E+03	-8.349E+03	1.105E+00
286	2	5	-7.834E-01	1.346E-01	8.587E-01	-8.005E+03	-7.317E+03	6.383E+02	6.493E-01	-1.298E+00	1.031E+00	-6.936E+03	-8.386E+03	1.033E+00
286	2	6	-7.820E-01	1.347E-01	8.577E-01	-8.005E+03	-7.317E+03	6.389E+02	6.488E-01	-1.296E+00	1.031E+00	-6.936E+03	-8.387E+03	1.032E+00
286	2	7	-7.919E-02	6.693E-02	1.158E+00	-8.048E+03	-7.159E+03	5.999E+02	1.155E+00	-1.167E+00	8.169E-01	-6.857E+03	-8.350E+03	1.104E+00
286	2	8	-7.779E-02	6.704E-02	1.157E+00	-8.048E+03	-7.159E+03	6.004E+02	1.154E+00	-1.165E+00	8.166E-01	-6.856E+03	-8.350E+03	1.104E+00
286	2	9	-9.354E-01	2.228E-01	2.593E-01	-7.903E+03	-7.344E+03	7.427E+02	2.781E-01	-9.908E-01	1.360E+00	-6.830E+03	-8.417E+03	9.654E-01
286	2	10	-9.340E-01	2.229E-01	2.582E-01	-7.903E+03	-7.344E+03	7.433E+02	2.779E-01	-9.890E-01	1.361E+00	-6.829E+03	-8.417E+03	9.652E-01
286	2	11	-2.312E-01	1.551E-01	5.590E-01	-7.945E+03	-7.186E+03	7.043E+02	5.533E-01	-6.294E-01	9.517E-01	-6.765E+03	-8.366E+03	1.033E+00
286	2	12	-2.298E-01	1.552E-01	5.579E-01	-7.945E+03	-7.186E+03	7.048E+02	5.529E-01	-6.275E-01	9.515E-01	-6.765E+03	-8.366E+03	1.033E+00
286	2	13	-9.317E-01	2.233E-01	2.526E-01	-7.902E+03	-7.344E+03	7.454E+02	2.761E-01	-9.845E-01	1.365E+00	-6.827E+03	-8.419E+03	9.645E-01
286	2	14	-9.303E-01	2.234E-01	2.515E-01	-7.902E+03	-7.344E+03	7.460E+02	2.759E-01	-9.828E-01	1.365E+00	-6.827E+03	-8.419E+03	9.644E-01
286	2	15	-2.275E-01	1.556E-01	5.522E-01	-7.945E+03	-7.186E+03	7.070E+02	5.486E-01	-6.204E-01	9.523E-01	-6.763E+03	-8.368E+03	1.032E+00
286	2	16	-2.261E-01	1.558E-01	5.512E-01	-7.945E+03	-7.186E+03	7.075E+02	5.482E-01	-6.185E-01	9.521E-01	-6.762E+03	-8.368E+03	1.032E+00
286	3	1	-1.217E+00	-1.455E+00	1.434E+00	-4.052E+03	-2.253E+03	1.271E+03	1.026E-01	-2.775E+00	7.439E-01	-1.595E+03	-4.710E+03	1.093E+00
286	3	2	-1.215E+00	-1.453E+00	1.432E+00	-4.052E+03	-2.253E+03	1.272E+03	1.028E-01	-2.771E+00	7.438E-01	-1.595E+03	-4.711E+03	1.093E+00
286	3	3	-2.656E-01	-2.144E+00	1.268E+00	-4.152E+03	-2.067E+03	1.206E+03	3.729E-01	-2.782E+00	4.666E-01	-1.515E+03	-4.704E+03	1.142E+00
286	3	4	-2.633E-01	-2.142E+00	1.266E+00	-4.153E+03	-2.068E+03	1.207E+03	3.735E-01	-2.779E+00	4.662E-01	-1.516E+03	-4.705E+03	1.142E+00
286	3	5	-1.211E+00	-1.441E+00	1.425E+00	-4.052E+03	-2.257E+03	1.275E+03	1.035E-01	-2.755E+00	7.452E-01	-1.596E+03	-4.714E+03	1.092E+00
286	3	6	-1.209E+00	-1.439E+00	1.423E+00	-4.053E+03	-2.258E+03	1.275E+03	1.037E-01	-2.751E+00	7.451E-01	-1.596E+03	-4.715E+03	1.092E+00
286	3	7	-2.596E-01	-2.129E+00	1.258E+00	-4.153E+03	-2.072E+03	1.209E+03	3.733E-01	-2.762E+00	4.660E-01	-1.517E+03	-4.708E+03	1.141E+00

286	3	8	-2.573E-01	-2.127E+00	1.256E+00	-4.153E+03	-2.072E+03	1.210E+03	3.739E-01	-2.758E+00	4.656E-01	-1.517E+03	-4.708E+03	1.140E+00
286	3	9	-1.141E+00	-1.400E+00	5.808E-01	-4.054E+03	-2.364E+03	1.353E+03	-6.752E-01	-1.865E+00	6.758E-01	-1.614E+03	-4.804E+03	1.065E+00
286	3	10	-1.139E+00	-1.398E+00	5.788E-01	-4.054E+03	-2.365E+03	1.353E+03	-6.750E-01	-1.861E+00	6.753E-01	-1.614E+03	-4.805E+03	1.064E+00
286	3	11	-1.892E-01	-2.088E+00	4.144E-01	-4.154E+03	-2.178E+03	1.287E+03	-1.027E-01	-2.175E+00	2.058E-01	-1.544E+03	-4.789E+03	1.113E+00
286	3	12	-1.870E-01	-2.086E+00	4.124E-01	-4.154E+03	-2.179E+03	1.288E+03	-1.013E-01	-2.172E+00	2.049E-01	-1.544E+03	-4.790E+03	1.112E+00
286	3	13	-1.135E+00	-1.385E+00	5.716E-01	-4.054E+03	-2.369E+03	1.356E+03	-6.747E-01	-1.845E+00	6.778E-01	-1.615E+03	-4.808E+03	1.063E+00
286	3	14	-1.133E+00	-1.383E+00	5.696E-01	-4.054E+03	-2.369E+03	1.357E+03	-6.745E-01	-1.841E+00	6.773E-01	-1.615E+03	-4.809E+03	1.063E+00
286	3	15	-1.833E-01	-2.073E+00	4.053E-01	-4.154E+03	-2.183E+03	1.291E+03	-1.000E-01	-2.157E+00	2.026E-01	-1.545E+03	-4.793E+03	1.111E+00
286	3	16	-1.810E-01	-2.071E+00	4.033E-01	-4.154E+03	-2.184E+03	1.291E+03	-9.856E-02	-2.154E+00	2.017E-01	-1.545E+03	-4.793E+03	1.111E+00
286	4	1	-7.889E-01	-3.388E+00	1.858E+00	-4.537E+02	-6.469E+03	1.933E+03	1.789E-01	-4.355E+00	4.802E-01	1.138E+02	-7.036E+03	2.856E-01
286	4	2	-7.874E-01	-3.383E+00	1.855E+00	-4.541E+02	-6.470E+03	1.933E+03	1.786E-01	-4.349E+00	4.802E-01	1.136E+02	-7.038E+03	2.856E-01
286	4	3	-8.501E-02	-4.531E+00	1.516E+00	-5.342E+02	-6.047E+03	2.011E+03	3.829E-01	-4.999E+00	2.993E-01	1.215E+02	-6.703E+03	3.152E-01
286	4	4	-8.361E-02	-4.526E+00	1.513E+00	-5.347E+02	-6.049E+03	2.012E+03	3.830E-01	-4.993E+00	2.990E-01	1.214E+02	-6.705E+03	3.152E-01
286	4	5	-7.851E-01	-3.357E+00	1.846E+00	-4.553E+02	-6.478E+03	1.935E+03	1.789E-01	-4.321E+00	4.812E-01	1.127E+02	-7.046E+03	2.856E-01
286	4	6	-7.837E-01	-3.352E+00	1.843E+00	-4.557E+02	-6.479E+03	1.935E+03	1.786E-01	-4.314E+00	4.812E-01	1.126E+02	-7.047E+03	2.856E-01
286	4	7	-8.128E-02	-4.500E+00	1.505E+00	-5.359E+02	-6.056E+03	2.013E+03	3.825E-01	-4.964E+00	2.990E-01	1.205E+02	-6.713E+03	3.151E-01
286	4	8	-7.987E-02	-4.495E+00	1.502E+00	-5.363E+02	-6.058E+03	2.014E+03	3.825E-01	-4.958E+00	2.987E-01	1.203E+02	-6.714E+03	3.151E-01
286	4	9	-9.371E-01	-3.174E+00	7.575E-01	-5.461E+02	-6.591E+03	2.038E+03	-7.047E-01	-3.406E+00	2.977E-01	7.700E+01	-7.214E+03	2.967E-01
286	4	10	-9.357E-01	-3.169E+00	7.545E-01	-5.466E+02	-6.592E+03	2.039E+03	-7.046E-01	-3.400E+00	2.971E-01	7.684E+01	-7.215E+03	2.967E-01
286	4	11	-2.332E-01	-4.317E+00	4.162E-01	-6.267E+02	-6.169E+03	2.117E+03	-1.913E-01	-4.359E+00	1.005E-01	8.934E+01	-6.885E+03	3.262E-01
286	4	12	-2.318E-01	-4.312E+00	4.132E-01	-6.271E+02	-6.171E+03	2.118E+03	-1.904E-01	-4.354E+00	9.991E-02	8.920E+01	-6.887E+03	3.262E-01
286	4	13	-9.333E-01	-3.143E+00	7.458E-01	-5.477E+02	-6.600E+03	2.040E+03	-7.051E-01	-3.371E+00	2.969E-01	7.593E+01	-7.223E+03	2.966E-01
286	4	14	-9.319E-01	-3.138E+00	7.429E-01	-5.482E+02	-6.601E+03	2.041E+03	-7.051E-01	-3.365E+00	2.964E-01	7.577E+01	-7.225E+03	2.967E-01
286	4	15	-2.295E-01	-4.286E+00	4.045E-01	-6.283E+02	-6.178E+03	2.119E+03	-1.895E-01	-4.326E+00	9.843E-02	8.825E+01	-6.895E+03	3.261E-01
286	4	16	-2.281E-01	-4.281E+00	4.016E-01	-6.288E+02	-6.180E+03	2.120E+03	-1.887E-01	-4.321E+00	9.780E-02	8.810E+01	-6.896E+03	3.261E-01
287	1	1	-4.399E-01	-1.360E+00	-4.084E-01	-4.439E+03	-9.316E+03	-2.058E+03	-2.847E-01	-1.515E+00	-3.630E-01	-3.687E+03	-1.007E+04	-3.504E-01
287	1	2	-4.399E-01	-1.362E+00	-4.095E-01	-4.439E+03	-9.316E+03	-2.057E+03	-2.842E-01	-1.517E+00	-3.632E-01	-3.687E+03	-1.007E+04	-3.504E-01
287	1	3	1.911E-02	-2.046E+00	-8.469E-02	-4.484E+03	-8.970E+03	-2.029E+03	2.258E-02	-2.049E+00	-4.092E-02	-3.702E+03	-9.752E+03	-3.676E-01
287	1	4	1.910E-02	-2.048E+00	-8.582E-02	-4.484E+03	-8.970E+03	-2.029E+03	2.266E-02	-2.051E+00	-4.143E-02	-3.702E+03	-9.751E+03	-3.676E-01
287	1	5	-4.414E-01	-1.377E+00	-4.176E-01	-4.438E+03	-9.312E+03	-2.056E+03	-2.821E-01	-1.536E+00	-3.645E-01	-3.687E+03	-1.006E+04	-3.504E-01
287	1	6	-4.414E-01	-1.378E+00	-4.187E-01	-4.438E+03	-9.312E+03	-2.056E+03	-2.816E-01	-1.538E+00	-3.647E-01	-3.687E+03	-1.006E+04	-3.504E-01
287	1	7	1.761E-02	-2.063E+00	-9.388E-02	-4.483E+03	-8.967E+03	-2.028E+03	2.184E-02	-2.067E+00	-4.501E-02	-3.702E+03	-9.748E+03	-3.676E-01
287	1	8	1.760E-02	-2.064E+00	-9.500E-02	-4.483E+03	-8.966E+03	-2.027E+03	2.193E-02	-2.069E+00	-4.551E-02	-3.702E+03	-9.747E+03	-3.676E-01
287	1	9	-6.524E-01	-1.875E+00	-1.757E+00	-4.334E+03	-9.471E+03	-2.007E+03	5.962E-01	-3.124E+00	-6.179E-01	-3.643E+03	-1.016E+04	-3.316E-01
287	1	10	-6.524E-01	-1.877E+00	-1.758E+00	-4.334E+03	-9.471E+03	-2.006E+03	5.967E-01	-3.126E+00	-6.178E-01	-3.643E+03	-1.016E+04	-3.316E-01
287	1	11	-1.934E-01	-2.561E+00	-1.433E+00	-4.379E+03	-9.125E+03	-1.978E+03	4.815E-01	-3.236E+00	-4.402E-01	-3.663E+03	-9.842E+03	-3.474E-01
287	1	12	-1.934E-01	-2.563E+00	-1.434E+00	-4.379E+03	-9.125E+03	-1.978E+03	4.820E-01	-3.238E+00	-4.402E-01	-3.663E+03	-9.841E+03	-3.474E-01
287	1	13	-6.539E-01	-1.892E+00	-1.766E+00	-4.333E+03	-9.467E+03	-2.005E+03	5.983E-01	-3.144E+00	-6.168E-01	-3.643E+03	-1.016E+04	-3.315E-01
287	1	14	-6.539E-01	-1.894E+00	-1.767E+00	-4.333E+03	-9.467E+03	-2.005E+03	5.987E-01	-3.146E+00	-6.167E-01	-3.643E+03	-1.016E+04	-3.315E-01
287	1	15	-1.949E-01	-2.578E+00	-1.442E+00	-4.378E+03	-9.122E+03	-1.976E+03	4.843E-01	-3.257E+00	-4.402E-01	-3.662E+03	-9.837E+03	-3.474E-01
287	1	16	-1.949E-01	-2.579E+00	-1.443E+00	-4.378E+03	-9.121E+03	-1.976E+03	4.848E-01	-3.259E+00	-4.402E-01	-3.663E+03	-9.837E+03	-3.473E-01
287	2	1	-3.897E-01	-3.027E+00	-3.069E-01	-6.523E+02	-6.599E+03	-2.110E+03	-3.544E-01	-3.062E+00	-1.144E-01	2.035E+01	-7.271E+03	-3.086E-01
287	2	2	-3.899E-01	-3.030E+00	-3.083E-01	-6.522E+02	-6.598E+03	-2.110E+03	-3.544E-01	-3.065E+00	-1.147E-01	2.027E+01	-7.270E+03	-3.086E-01

287	2	3	3.241E-01	-4.410E+00	2.073E-01	-7.641E+02	-6.103E+03	-2.207E+03	3.332E-01	-4.419E+00	4.367E-02	3.039E+01	-6.897E+03	-3.455E-01
287	2	4	3.238E-01	-4.413E+00	2.058E-01	-7.640E+02	-6.102E+03	-2.207E+03	3.328E-01	-4.422E+00	4.335E-02	3.030E+01	-6.896E+03	-3.455E-01
287	2	5	-3.934E-01	-3.058E+00	-3.186E-01	-6.505E+02	-6.589E+03	-2.108E+03	-3.558E-01	-3.095E+00	-1.174E-01	2.155E+01	-7.262E+03	-3.087E-01
287	2	6	-3.937E-01	-3.061E+00	-3.200E-01	-6.504E+02	-6.589E+03	-2.107E+03	-3.558E-01	-3.099E+00	-1.177E-01	2.147E+01	-7.260E+03	-3.086E-01
287	2	7	3.204E-01	-4.441E+00	1.956E-01	-7.623E+02	-6.093E+03	-2.205E+03	3.284E-01	-4.449E+00	4.099E-02	3.164E+01	-6.887E+03	-3.456E-01
287	2	8	3.201E-01	-4.444E+00	1.942E-01	-7.622E+02	-6.092E+03	-2.205E+03	3.280E-01	-4.452E+00	4.067E-02	3.155E+01	-6.886E+03	-3.456E-01
287	2	9	-1.344E+00	-3.394E+00	-2.471E+00	-3.039E+02	-6.455E+03	-1.829E+03	3.063E-01	-5.044E+00	-5.888E-01	1.990E+02	-6.958E+03	-2.683E-01
287	2	10	-1.344E+00	-3.397E+00	-2.473E+00	-3.038E+02	-6.454E+03	-1.829E+03	3.064E-01	-5.048E+00	-5.887E-01	1.989E+02	-6.957E+03	-2.683E-01
287	2	11	-6.304E-01	-4.777E+00	-1.957E+00	-4.157E+02	-5.959E+03	-1.927E+03	1.474E-01	-5.555E+00	-3.783E-01	1.881E+02	-6.563E+03	-3.037E-01
287	2	12	-6.307E-01	-4.780E+00	-1.959E+00	-4.156E+02	-5.958E+03	-1.926E+03	1.477E-01	-5.559E+00	-3.783E-01	1.880E+02	-6.561E+03	-3.037E-01
287	2	13	-1.348E+00	-3.425E+00	-2.483E+00	-3.021E+02	-6.446E+03	-1.827E+03	3.049E-01	-5.078E+00	-5.873E-01	2.001E+02	-6.948E+03	-2.683E-01
287	2	14	-1.348E+00	-3.428E+00	-2.484E+00	-3.020E+02	-6.445E+03	-1.827E+03	3.050E-01	-5.081E+00	-5.872E-01	2.001E+02	-6.947E+03	-2.683E-01
287	2	15	-6.342E-01	-4.808E+00	-1.969E+00	-4.139E+02	-5.949E+03	-1.924E+03	1.479E-01	-5.590E+00	-3.781E-01	1.893E+02	-6.553E+03	-3.038E-01
287	2	16	-6.345E-01	-4.811E+00	-1.970E+00	-4.138E+02	-5.948E+03	-1.924E+03	1.482E-01	-5.594E+00	-3.781E-01	1.892E+02	-6.551E+03	-3.038E-01
287	3	1	-3.413E-01	-1.467E+00	-4.076E-01	-4.190E+03	-2.472E+03	-1.367E+03	-2.092E-01	-1.599E+00	-3.134E-01	-1.717E+03	-4.945E+03	2.076E+00
287	3	2	-3.419E-01	-1.468E+00	-4.087E-01	-4.190E+03	-2.471E+03	-1.366E+03	-2.092E-01	-1.601E+00	-3.139E-01	-1.717E+03	-4.945E+03	2.075E+00
287	3	3	6.346E-01	-2.242E+00	-8.408E-02	-4.303E+03	-2.227E+03	-1.260E+03	6.371E-01	-2.245E+00	-2.919E-02	-1.633E+03	-4.898E+03	2.012E+00
287	3	4	6.341E-01	-2.244E+00	-8.521E-02	-4.304E+03	-2.227E+03	-1.259E+03	6.366E-01	-2.246E+00	-2.957E-02	-1.633E+03	-4.897E+03	2.011E+00
287	3	5	-3.473E-01	-1.482E+00	-4.168E-01	-4.190E+03	-2.467E+03	-1.363E+03	-2.107E-01	-1.618E+00	-3.169E-01	-1.716E+03	-4.941E+03	2.074E+00
287	3	6	-3.479E-01	-1.483E+00	-4.179E-01	-4.190E+03	-2.467E+03	-1.363E+03	-2.106E-01	-1.620E+00	-3.173E-01	-1.716E+03	-4.940E+03	2.074E+00
287	3	7	6.286E-01	-2.257E+00	-9.326E-02	-4.303E+03	-2.222E+03	-1.256E+03	6.316E-01	-2.260E+00	-3.227E-02	-1.632E+03	-4.894E+03	2.010E+00
287	3	8	6.281E-01	-2.259E+00	-9.438E-02	-4.303E+03	-2.222E+03	-1.256E+03	6.312E-01	-2.262E+00	-3.265E-02	-1.632E+03	-4.893E+03	2.010E+00
287	3	9	-2.038E+00	-1.351E+00	-1.756E+00	-3.900E+03	-2.165E+03	-1.271E+03	9.458E-02	-3.483E+00	2.260E+00	-1.494E+03	-4.571E+03	2.057E+00
287	3	10	-2.038E+00	-1.353E+00	-1.757E+00	-3.900E+03	-2.165E+03	-1.270E+03	9.454E-02	-3.485E+00	2.260E+00	-1.494E+03	-4.570E+03	2.057E+00
287	3	11	-1.062E+00	-2.127E+00	-1.432E+00	-4.013E+03	-1.920E+03	-1.164E+03	-6.625E-02	-3.122E+00	-6.074E-01	-1.402E+03	-4.532E+03	1.990E+00
287	3	12	-1.062E+00	-2.128E+00	-1.433E+00	-4.013E+03	-1.920E+03	-1.163E+03	-6.607E-02	-3.125E+00	-6.074E-01	-1.402E+03	-4.531E+03	1.990E+00
287	3	13	-2.044E+00	-1.366E+00	-1.765E+00	-3.899E+03	-2.160E+03	-1.267E+03	9.233E-02	-3.502E+00	2.261E+00	-1.493E+03	-4.566E+03	2.055E+00
287	3	14	-2.044E+00	-1.367E+00	-1.766E+00	-3.899E+03	-2.160E+03	-1.266E+03	9.230E-02	-3.504E+00	2.262E+00	-1.493E+03	-4.566E+03	2.055E+00
287	3	15	-1.068E+00	-2.142E+00	-1.441E+00	-4.012E+03	-1.915E+03	-1.160E+03	-6.653E-02	-3.143E+00	-6.071E-01	-1.400E+03	-4.528E+03	1.989E+00
287	3	16	-1.068E+00	-2.143E+00	-1.443E+00	-4.012E+03	-1.915E+03	-1.159E+03	-6.634E-02	-3.145E+00	-6.071E-01	-1.400E+03	-4.527E+03	1.989E+00
287	4	1	-3.880E-01	1.959E-01	-2.701E-01	-7.983E+03	-7.352E+03	5.949E+02	3.017E-01	-4.938E-01	1.944E+00	-6.994E+03	-8.341E+03	1.029E+00
287	4	2	-3.883E-01	1.958E-01	-2.710E-01	-7.983E+03	-7.352E+03	5.955E+02	3.021E-01	-4.946E-01	1.945E+00	-6.994E+03	-8.342E+03	1.029E+00
287	4	3	3.261E-01	1.257E-01	-6.150E-01	-8.020E+03	-7.190E+03	6.388E+02	8.490E-01	-3.972E-01	-7.046E-01	-6.844E+03	-8.366E+03	1.073E+00
287	4	4	3.258E-01	1.256E-01	-6.158E-01	-8.020E+03	-7.191E+03	6.393E+02	8.496E-01	-3.982E-01	-7.048E-01	-6.843E+03	-8.367E+03	1.073E+00
287	4	5	-3.918E-01	1.954E-01	-2.768E-01	-7.983E+03	-7.352E+03	5.977E+02	3.053E-01	-5.017E-01	1.949E+00	-6.991E+03	-8.344E+03	1.029E+00
287	4	6	-3.920E-01	1.952E-01	-2.777E-01	-7.984E+03	-7.352E+03	5.982E+02	3.057E-01	-5.025E-01	1.950E+00	-6.991E+03	-8.344E+03	1.028E+00
287	4	7	3.224E-01	1.251E-01	-6.217E-01	-8.020E+03	-7.190E+03	6.415E+02	8.532E-01	-4.057E-01	-7.067E-01	-6.841E+03	-8.369E+03	1.072E+00
287	4	8	3.221E-01	1.250E-01	-6.225E-01	-8.020E+03	-7.190E+03	6.421E+02	8.538E-01	-4.067E-01	-7.069E-01	-6.840E+03	-8.369E+03	1.072E+00
287	4	9	-1.342E+00	1.637E-01	-8.022E-01	-7.936E+03	-7.309E+03	6.743E+02	5.109E-01	-1.690E+00	1.979E+00	-6.879E+03	-8.366E+03	1.003E+00
287	4	10	-1.343E+00	1.636E-01	-8.030E-01	-7.936E+03	-7.309E+03	6.748E+02	5.114E-01	-1.690E+00	1.980E+00	-6.879E+03	-8.367E+03	1.003E+00
287	4	11	-6.283E-01	9.350E-02	-1.147E+00	-7.973E+03	-7.147E+03	7.181E+02	9.350E-01	-1.470E+00	2.204E+00	-6.732E+03	-8.388E+03	1.046E+00
287	4	12	-6.286E-01	9.336E-02	-1.148E+00	-7.973E+03	-7.147E+03	7.187E+02	9.356E-01	-1.471E+00	2.204E+00	-6.731E+03	-8.389E+03	1.046E+00
287	4	13	-1.346E+00	1.632E-01	-8.089E-01	-7.936E+03	-7.308E+03	6.770E+02	5.148E-01	-1.698E+00	1.981E+00	-6.876E+03	-8.369E+03	1.003E+00

287	4	14	-1.346E+00	1.630E-01	-8.097E-01	-7.937E+03	-7.308E+03	6.776E+02	5.152E-01	-1.699E+00	1.981E+00	-6.876E+03	-8.369E+03	1.002E+00
287	4	15	-6.320E-01	9.294E-02	-1.154E+00	-7.973E+03	-7.147E+03	7.209E+02	9.398E-01	-1.479E+00	2.204E+00	-6.729E+03	-8.391E+03	1.046E+00
287	4	16	-6.323E-01	9.280E-02	-1.155E+00	-7.973E+03	-7.147E+03	7.214E+02	9.404E-01	-1.480E+00	2.204E+00	-6.729E+03	-8.391E+03	1.045E+00
288	1	1	-1.635E-02	-2.267E+00	3.089E-01	2.053E+03	-1.234E+04	-2.318E+02	2.527E-02	-2.308E+00	1.340E-01	2.057E+03	-1.234E+04	-1.610E-02
288	1	2	-1.644E-02	-2.269E+00	3.089E-01	2.053E+03	-1.234E+04	-2.315E+02	2.515E-02	-2.311E+00	1.338E-01	2.057E+03	-1.234E+04	-1.608E-02
288	1	3	5.691E-02	-3.263E+00	6.481E-01	2.113E+03	-1.199E+04	-2.823E+02	1.789E-01	-3.385E+00	1.861E-01	2.119E+03	-1.200E+04	-2.000E-02
288	1	4	5.682E-02	-3.265E+00	6.481E-01	2.113E+03	-1.199E+04	-2.820E+02	1.788E-01	-3.387E+00	1.860E-01	2.119E+03	-1.200E+04	-1.998E-02
288	1	5	-1.777E-02	-2.290E+00	3.098E-01	2.054E+03	-1.233E+04	-2.304E+02	2.373E-02	-2.332E+00	1.331E-01	2.058E+03	-1.233E+04	-1.601E-02
288	1	6	-1.786E-02	-2.292E+00	3.099E-01	2.055E+03	-1.233E+04	-2.301E+02	2.360E-02	-2.334E+00	1.330E-01	2.058E+03	-1.233E+04	-1.599E-02
288	1	7	5.549E-02	-3.286E+00	6.491E-01	2.115E+03	-1.199E+04	-2.808E+02	1.771E-01	-3.408E+00	1.853E-01	2.120E+03	-1.199E+04	-1.991E-02
288	1	8	5.540E-02	-3.289E+00	6.491E-01	2.115E+03	-1.198E+04	-2.805E+02	1.770E-01	-3.410E+00	1.852E-01	2.120E+03	-1.199E+04	-1.989E-02
288	1	9	-2.713E-01	-2.085E+00	-8.994E-01	2.081E+03	-1.180E+04	-1.145E+02	9.908E-02	-2.456E+00	-3.906E-01	2.082E+03	-1.180E+04	-8.248E-03
288	1	10	-2.714E-01	-2.088E+00	-8.994E-01	2.081E+03	-1.180E+04	-1.142E+02	9.862E-02	-2.458E+00	-3.903E-01	2.082E+03	-1.180E+04	-8.227E-03
288	1	11	-1.980E-01	-3.081E+00	-5.602E-01	2.141E+03	-1.145E+04	-1.649E+02	-9.300E-02	-3.186E+00	-1.853E-01	2.143E+03	-1.145E+04	-1.213E-02
288	1	12	-1.981E-01	-3.084E+00	-5.602E-01	2.141E+03	-1.145E+04	-1.646E+02	-9.319E-02	-3.189E+00	-1.852E-01	2.143E+03	-1.145E+04	-1.211E-02
288	1	13	-2.727E-01	-2.109E+00	-8.984E-01	2.082E+03	-1.179E+04	-1.130E+02	9.379E-02	-2.475E+00	-3.873E-01	2.083E+03	-1.179E+04	-8.149E-03
288	1	14	-2.728E-01	-2.111E+00	-8.984E-01	2.082E+03	-1.179E+04	-1.127E+02	9.334E-02	-2.477E+00	-3.870E-01	2.083E+03	-1.179E+04	-8.128E-03
288	1	15	-1.994E-01	-3.105E+00	-5.592E-01	2.142E+03	-1.144E+04	-1.635E+02	-9.552E-02	-3.209E+00	-1.837E-01	2.144E+03	-1.145E+04	-1.203E-02
288	1	16	-1.995E-01	-3.107E+00	-5.592E-01	2.143E+03	-1.144E+04	-1.632E+02	-9.571E-02	-3.211E+00	-1.836E-01	2.145E+03	-1.145E+04	-1.201E-02
288	2	1	-2.720E-01	-1.520E+00	5.696E-01	5.573E+02	-6.419E+03	-1.699E+03	-5.108E-02	-1.741E+00	3.699E-01	9.491E+02	-6.811E+03	-2.266E-01
288	2	2	-2.720E-01	-1.522E+00	5.699E-01	5.572E+02	-6.418E+03	-1.699E+03	-5.118E-02	-1.743E+00	3.697E-01	9.490E+02	-6.810E+03	-2.266E-01
288	2	3	-5.027E-01	-2.042E+00	9.545E-01	4.963E+02	-6.077E+03	-1.806E+03	-4.633E-02	-2.499E+00	4.460E-01	9.600E+02	-6.541E+03	-2.513E-01
288	2	4	-5.028E-01	-2.044E+00	9.547E-01	4.963E+02	-6.077E+03	-1.806E+03	-4.651E-02	-2.501E+00	4.458E-01	9.599E+02	-6.540E+03	-2.512E-01
288	2	5	-2.737E-01	-1.538E+00	5.730E-01	5.565E+02	-6.412E+03	-1.698E+03	-5.261E-02	-1.759E+00	3.683E-01	9.481E+02	-6.804E+03	-2.267E-01
288	2	6	-2.738E-01	-1.539E+00	5.733E-01	5.565E+02	-6.411E+03	-1.697E+03	-5.272E-02	-1.761E+00	3.680E-01	9.479E+02	-6.803E+03	-2.267E-01
288	2	7	-5.045E-01	-2.060E+00	9.578E-01	4.956E+02	-6.071E+03	-1.805E+03	-4.839E-02	-2.516E+00	4.444E-01	9.590E+02	-6.534E+03	-2.513E-01
288	2	8	-5.045E-01	-2.062E+00	9.581E-01	4.955E+02	-6.070E+03	-1.804E+03	-4.857E-02	-2.518E+00	4.442E-01	9.588E+02	-6.533E+03	-2.513E-01
288	2	9	9.007E-02	-1.327E+00	-4.354E-01	6.000E+02	-6.210E+03	-1.491E+03	2.132E-01	-1.450E+00	-2.756E-01	9.122E+02	-6.522E+03	-2.064E-01
288	2	10	9.002E-02	-1.329E+00	-4.351E-01	5.999E+02	-6.209E+03	-1.491E+03	2.128E-01	-1.451E+00	-2.751E-01	9.121E+02	-6.521E+03	-2.064E-01
288	2	11	-1.407E-01	-1.849E+00	-5.056E-02	5.390E+02	-5.868E+03	-1.598E+03	-1.392E-01	-1.851E+00	-2.956E-02	9.157E+02	-6.245E+03	-2.314E-01
288	2	12	-1.407E-01	-1.851E+00	-5.028E-02	5.390E+02	-5.867E+03	-1.598E+03	-1.393E-01	-1.853E+00	-2.936E-02	9.155E+02	-6.244E+03	-2.314E-01
288	2	13	8.831E-02	-1.344E+00	-4.320E-01	5.992E+02	-6.203E+03	-1.490E+03	2.085E-01	-1.464E+00	-2.714E-01	9.111E+02	-6.515E+03	-2.064E-01
288	2	14	8.826E-02	-1.346E+00	-4.317E-01	5.992E+02	-6.202E+03	-1.489E+03	2.082E-01	-1.466E+00	-2.709E-01	9.110E+02	-6.514E+03	-2.064E-01
288	2	15	-1.424E-01	-1.867E+00	-4.717E-02	5.383E+02	-5.861E+03	-1.597E+03	-1.412E-01	-1.868E+00	-2.733E-02	9.146E+02	-6.238E+03	-2.314E-01
288	2	16	-1.425E-01	-1.869E+00	-4.689E-02	5.382E+02	-5.861E+03	-1.597E+03	-1.412E-01	-1.870E+00	-2.714E-02	9.144E+02	-6.237E+03	-2.314E-01
288	3	1	-6.260E-02	-2.221E+00	8.310E-01	2.352E+03	1.491E+03	-1.062E+03	2.203E-01	-2.504E+00	3.281E-01	3.068E+03	7.748E+02	-5.929E-01
288	3	2	-6.226E-02	-2.223E+00	8.314E-01	2.351E+03	1.491E+03	-1.063E+03	2.206E-01	-2.506E+00	3.279E-01	3.068E+03	7.750E+02	-5.931E-01
288	3	3	-4.010E-01	-3.186E+00	1.371E+00	2.486E+03	1.985E+03	-1.171E+03	1.604E-01	-3.748E+00	3.887E-01	3.433E+03	1.038E+03	-6.800E-01
288	3	4	-4.007E-01	-3.189E+00	1.371E+00	2.486E+03	1.986E+03	-1.171E+03	1.606E-01	-3.750E+00	3.886E-01	3.434E+03	1.038E+03	-6.802E-01
288	3	5	-6.098E-02	-2.245E+00	8.361E-01	2.351E+03	1.498E+03	-1.063E+03	2.224E-01	-2.528E+00	3.267E-01	3.070E+03	7.794E+02	-5.944E-01
288	3	6	-6.064E-02	-2.248E+00	8.365E-01	2.351E+03	1.498E+03	-1.063E+03	2.227E-01	-2.531E+00	3.265E-01	3.070E+03	7.796E+02	-5.945E-01
288	3	7	-3.994E-01	-3.211E+00	1.376E+00	2.486E+03	1.992E+03	-1.171E+03	1.619E-01	-3.772E+00	3.874E-01	3.436E+03	1.042E+03	-6.815E-01
288	3	8	-3.991E-01	-3.213E+00	1.376E+00	2.486E+03	1.993E+03	-1.171E+03	1.621E-01	-3.774E+00	3.872E-01	3.436E+03	1.042E+03	-6.816E-01

288	3	9	1.019E+00	-2.363E+00	-2.637E-01	2.063E+03	1.254E+03	-9.004E+02	1.040E+00	-2.384E+00	-7.734E-02	2.645E+03	6.715E+02	-5.745E-01
288	3	10	1.019E+00	-2.366E+00	-2.633E-01	2.062E+03	1.255E+03	-9.005E+02	1.040E+00	-2.386E+00	-7.716E-02	2.646E+03	6.717E+02	-5.747E-01
288	3	11	6.807E-01	-3.329E+00	2.760E-01	2.197E+03	1.749E+03	-1.009E+03	6.996E-01	-3.348E+00	6.841E-02	3.007E+03	9.393E+02	-6.761E-01
288	3	12	6.810E-01	-3.331E+00	2.764E-01	2.197E+03	1.749E+03	-1.009E+03	7.000E-01	-3.350E+00	6.846E-02	3.007E+03	9.394E+02	-6.763E-01
288	3	13	1.021E+00	-2.387E+00	-2.586E-01	2.062E+03	1.261E+03	-9.005E+02	1.040E+00	-2.407E+00	-7.530E-02	2.647E+03	6.763E+02	-5.762E-01
288	3	14	1.021E+00	-2.390E+00	-2.582E-01	2.062E+03	1.262E+03	-9.006E+02	1.041E+00	-2.409E+00	-7.512E-02	2.647E+03	6.765E+02	-5.763E-01
288	3	15	6.823E-01	-3.353E+00	2.811E-01	2.197E+03	1.756E+03	-1.009E+03	7.018E-01	-3.373E+00	6.922E-02	3.009E+03	9.434E+02	-6.778E-01
288	3	16	6.827E-01	-3.356E+00	2.815E-01	2.197E+03	1.756E+03	-1.009E+03	7.022E-01	-3.375E+00	6.927E-02	3.009E+03	9.435E+02	-6.780E-01
288	4	1	2.462E-01	-2.968E+00	5.842E-01	4.211E+03	-4.678E+03	-1.120E+03	3.491E-01	-3.071E+00	1.743E-01	4.350E+03	-4.817E+03	-1.234E-01
288	4	2	2.465E-01	-2.971E+00	5.844E-01	4.211E+03	-4.677E+03	-1.120E+03	3.494E-01	-3.074E+00	1.742E-01	4.350E+03	-4.816E+03	-1.234E-01
288	4	3	1.054E-01	-4.406E+00	1.050E+00	4.386E+03	-4.174E+03	-1.234E+03	3.379E-01	-4.639E+00	2.179E-01	4.560E+03	-4.348E+03	-1.403E-01
288	4	4	1.057E-01	-4.409E+00	1.051E+00	4.386E+03	-4.173E+03	-1.233E+03	3.382E-01	-4.642E+00	2.178E-01	4.560E+03	-4.347E+03	-1.403E-01
288	4	5	2.482E-01	-2.998E+00	5.869E-01	4.212E+03	-4.669E+03	-1.118E+03	3.511E-01	-3.101E+00	1.735E-01	4.350E+03	-4.807E+03	-1.233E-01
288	4	6	2.485E-01	-3.001E+00	5.871E-01	4.212E+03	-4.668E+03	-1.117E+03	3.513E-01	-3.104E+00	1.734E-01	4.350E+03	-4.806E+03	-1.233E-01
288	4	7	1.073E-01	-4.436E+00	1.053E+00	4.387E+03	-4.165E+03	-1.231E+03	3.396E-01	-4.668E+00	2.170E-01	4.561E+03	-4.338E+03	-1.402E-01
288	4	8	1.076E-01	-4.439E+00	1.053E+00	4.387E+03	-4.164E+03	-1.231E+03	3.398E-01	-4.671E+00	2.169E-01	4.561E+03	-4.337E+03	-1.402E-01
288	4	9	7.110E-01	-3.122E+00	-7.138E-01	3.908E+03	-4.584E+03	-7.892E+02	8.396E-01	-3.251E+00	-1.783E-01	3.980E+03	-4.656E+03	-9.189E-02
288	4	10	7.113E-01	-3.125E+00	-7.136E-01	3.908E+03	-4.583E+03	-7.887E+02	8.397E-01	-3.254E+00	-1.781E-01	3.980E+03	-4.655E+03	-9.185E-02
288	4	11	5.701E-01	-4.560E+00	-2.476E-01	4.083E+03	-4.079E+03	-9.028E+02	5.821E-01	-4.572E+00	-4.811E-02	4.182E+03	-4.178E+03	-1.088E-01
288	4	12	5.704E-01	-4.563E+00	-2.474E-01	4.083E+03	-4.078E+03	-9.023E+02	5.823E-01	-4.575E+00	-4.804E-02	4.182E+03	-4.177E+03	-1.088E-01
288	4	13	7.130E-01	-3.153E+00	-7.111E-01	3.909E+03	-4.574E+03	-7.867E+02	8.396E-01	-3.279E+00	-1.763E-01	3.981E+03	-4.647E+03	-9.170E-02
288	4	14	7.133E-01	-3.156E+00	-7.109E-01	3.909E+03	-4.573E+03	-7.863E+02	8.398E-01	-3.282E+00	-1.761E-01	3.981E+03	-4.646E+03	-9.166E-02
288	4	15	5.721E-01	-4.590E+00	-2.449E-01	4.084E+03	-4.070E+03	-9.003E+02	5.837E-01	-4.602E+00	-4.729E-02	4.182E+03	-4.168E+03	-1.087E-01
288	4	16	5.724E-01	-4.594E+00	-2.447E-01	4.084E+03	-4.069E+03	-8.999E+02	5.840E-01	-4.605E+00	-4.722E-02	4.182E+03	-4.167E+03	-1.086E-01
289	1	1	9.720E-01	-5.526E-01	-1.166E+00	2.721E+03	2.316E+03	1.570E+03	1.603E+00	-1.184E+00	-4.960E-01	4.102E+03	9.360E+02	7.212E-01
289	1	2	9.705E-01	-5.516E-01	-1.165E+00	2.722E+03	2.317E+03	1.570E+03	1.601E+00	-1.182E+00	-4.960E-01	4.103E+03	9.365E+02	7.213E-01
289	1	3	7.492E-01	-4.693E-01	-1.325E+00	2.801E+03	2.394E+03	1.691E+03	1.598E+00	-1.319E+00	-5.700E-01	4.301E+03	8.947E+02	7.255E-01
289	1	4	7.476E-01	-4.683E-01	-1.323E+00	2.802E+03	2.395E+03	1.691E+03	1.596E+00	-1.317E+00	-5.701E-01	4.302E+03	8.952E+02	7.255E-01
289	1	5	9.675E-01	-5.479E-01	-1.157E+00	2.723E+03	2.319E+03	1.570E+03	1.593E+00	-1.173E+00	-4.954E-01	4.104E+03	9.384E+02	7.214E-01
289	1	6	9.659E-01	-5.469E-01	-1.155E+00	2.724E+03	2.320E+03	1.570E+03	1.590E+00	-1.171E+00	-4.954E-01	4.105E+03	9.388E+02	7.214E-01
289	1	7	7.446E-01	-4.646E-01	-1.315E+00	2.803E+03	2.397E+03	1.691E+03	1.588E+00	-1.308E+00	-5.700E-01	4.303E+03	8.971E+02	7.256E-01
289	1	8	7.431E-01	-4.636E-01	-1.313E+00	2.804E+03	2.397E+03	1.691E+03	1.585E+00	-1.306E+00	-5.701E-01	4.304E+03	8.975E+02	7.256E-01
289	1	9	5.645E-01	-4.239E-01	-8.888E-01	2.835E+03	2.428E+03	1.618E+03	1.087E+00	-9.467E-01	-5.317E-01	4.262E+03	1.001E+03	7.228E-01
289	1	10	5.630E-01	-4.229E-01	-8.869E-01	2.836E+03	2.429E+03	1.618E+03	1.085E+00	-9.447E-01	-5.318E-01	4.263E+03	1.002E+03	7.228E-01
289	1	11	3.417E-01	-3.406E-01	-1.048E+00	2.915E+03	2.506E+03	1.739E+03	1.102E+00	-1.101E+00	-6.280E-01	4.461E+03	9.600E+02	7.268E-01
289	1	12	3.401E-01	-3.396E-01	-1.046E+00	2.916E+03	2.507E+03	1.739E+03	1.100E+00	-1.099E+00	-6.283E-01	4.462E+03	9.605E+02	7.268E-01
289	1	13	5.600E-01	-4.192E-01	-8.790E-01	2.837E+03	2.431E+03	1.618E+03	1.077E+00	-9.358E-01	-5.313E-01	4.264E+03	1.004E+03	7.229E-01
289	1	14	5.584E-01	-4.182E-01	-8.771E-01	2.838E+03	2.431E+03	1.618E+03	1.074E+00	-9.338E-01	-5.314E-01	4.265E+03	1.004E+03	7.229E-01
289	1	15	3.371E-01	-3.359E-01	-1.038E+00	2.917E+03	2.509E+03	1.738E+03	1.092E+00	-1.090E+00	-6.286E-01	4.463E+03	9.624E+02	7.269E-01
289	1	16	3.356E-01	-3.349E-01	-1.036E+00	2.918E+03	2.509E+03	1.739E+03	1.089E+00	-1.088E+00	-6.289E-01	4.464E+03	9.628E+02	7.269E-01
289	2	1	-4.512E-01	7.488E-01	-1.195E+00	3.574E+03	1.449E+03	7.922E+02	1.486E+00	-1.189E+00	2.124E+00	3.837E+03	1.186E+03	3.204E-01
289	2	2	-4.505E-01	7.479E-01	-1.193E+00	3.575E+03	1.450E+03	7.926E+02	1.484E+00	-1.187E+00	2.124E+00	3.838E+03	1.187E+03	3.204E-01
289	2	3	-5.626E-01	8.892E-01	-1.054E+00	3.632E+03	1.379E+03	7.643E+02	1.443E+00	-1.116E+00	2.055E+00	3.867E+03	1.144E+03	2.981E-01

289	2	4	-5.619E-01	8.883E-01	-1.052E+00	3.633E+03	1.380E+03	7.647E+02	1.441E+00	-1.115E+00	2.054E+00	3.868E+03	1.145E+03	2.981E-01
289	2	5	-4.460E-01	7.440E-01	-1.186E+00	3.578E+03	1.452E+03	7.941E+02	1.476E+00	-1.178E+00	2.124E+00	3.842E+03	1.188E+03	3.208E-01
289	2	6	-4.453E-01	7.431E-01	-1.184E+00	3.579E+03	1.452E+03	7.944E+02	1.474E+00	-1.176E+00	2.124E+00	3.843E+03	1.188E+03	3.208E-01
289	2	7	-5.574E-01	8.844E-01	-1.045E+00	3.637E+03	1.382E+03	7.662E+02	1.433E+00	-1.106E+00	2.054E+00	3.872E+03	1.146E+03	2.985E-01
289	2	8	-5.567E-01	8.835E-01	-1.043E+00	3.638E+03	1.383E+03	7.665E+02	1.431E+00	-1.104E+00	2.054E+00	3.874E+03	1.147E+03	2.985E-01
289	2	9	-4.080E-01	5.287E-01	-9.198E-01	3.729E+03	1.508E+03	8.297E+02	1.093E+00	-9.718E-01	2.121E+00	4.004E+03	1.232E+03	3.208E-01
289	2	10	-4.073E-01	5.277E-01	-9.180E-01	3.730E+03	1.508E+03	8.300E+02	1.090E+00	-9.700E-01	2.121E+00	4.006E+03	1.232E+03	3.209E-01
289	2	11	-5.194E-01	6.691E-01	-7.785E-01	3.787E+03	1.438E+03	8.018E+02	1.054E+00	-9.045E-01	2.030E+00	4.035E+03	1.190E+03	2.994E-01
289	2	12	-5.187E-01	6.681E-01	-7.767E-01	3.788E+03	1.438E+03	8.021E+02	1.052E+00	-9.028E-01	2.030E+00	4.036E+03	1.190E+03	2.995E-01
289	2	13	-4.028E-01	5.239E-01	-9.108E-01	3.733E+03	1.510E+03	8.315E+02	1.082E+00	-9.614E-01	2.121E+00	4.010E+03	1.234E+03	3.212E-01
289	2	14	-4.021E-01	5.229E-01	-9.090E-01	3.734E+03	1.511E+03	8.319E+02	1.080E+00	-9.595E-01	2.121E+00	4.011E+03	1.234E+03	3.212E-01
289	2	15	-5.142E-01	6.643E-01	-7.696E-01	3.792E+03	1.440E+03	8.036E+02	1.044E+00	-8.942E-01	2.029E+00	4.040E+03	1.192E+03	2.998E-01
289	2	16	-5.135E-01	6.633E-01	-7.678E-01	3.793E+03	1.441E+03	8.040E+02	1.042E+00	-8.924E-01	2.029E+00	4.041E+03	1.192E+03	2.999E-01
289	3	1	-1.318E+00	-6.977E-03	-5.763E-01	1.808E+03	4.780E+02	1.079E+03	2.103E-01	-1.535E+00	1.931E+00	2.410E+03	-1.244E+02	5.092E-01
289	3	2	-1.316E+00	-6.856E-03	-5.754E-01	1.808E+03	4.780E+02	1.079E+03	2.101E-01	-1.533E+00	1.931E+00	2.411E+03	-1.244E+02	5.092E-01
289	3	3	-1.159E+00	2.131E-03	-5.101E-01	1.768E+03	4.467E+02	1.099E+03	1.944E-01	-1.351E+00	1.931E+00	2.389E+03	-1.746E+02	5.147E-01
289	3	4	-1.157E+00	2.252E-03	-5.092E-01	1.769E+03	4.467E+02	1.099E+03	1.941E-01	-1.349E+00	1.931E+00	2.390E+03	-1.747E+02	5.146E-01
289	3	5	-1.308E+00	-5.915E-03	-5.715E-01	1.811E+03	4.784E+02	1.080E+03	2.094E-01	-1.523E+00	1.931E+00	2.413E+03	-1.241E+02	5.090E-01
289	3	6	-1.306E+00	-5.794E-03	-5.706E-01	1.812E+03	4.784E+02	1.080E+03	2.091E-01	-1.521E+00	1.931E+00	2.414E+03	-1.241E+02	5.089E-01
289	3	7	-1.149E+00	3.194E-03	-5.053E-01	1.771E+03	4.471E+02	1.100E+03	1.934E-01	-1.339E+00	1.931E+00	2.393E+03	-1.744E+02	5.144E-01
289	3	8	-1.147E+00	3.315E-03	-5.043E-01	1.772E+03	4.471E+02	1.100E+03	1.931E-01	-1.337E+00	1.931E+00	2.393E+03	-1.744E+02	5.144E-01
289	3	9	-9.767E-01	-5.964E-02	-4.673E-01	1.888E+03	4.720E+02	1.111E+03	1.365E-01	-1.173E+00	1.968E+00	2.497E+03	-1.371E+02	5.016E-01
289	3	10	-9.748E-01	-5.952E-02	-4.664E-01	1.889E+03	4.720E+02	1.111E+03	1.362E-01	-1.171E+00	1.968E+00	2.498E+03	-1.371E+02	5.015E-01
289	3	11	-8.179E-01	-5.054E-02	-4.010E-01	1.849E+03	4.407E+02	1.131E+03	1.208E-01	-9.892E-01	1.975E+00	2.476E+03	-1.871E+02	5.069E-01
289	3	12	-8.159E-01	-5.042E-02	-4.001E-01	1.849E+03	4.407E+02	1.131E+03	1.205E-01	-9.869E-01	1.975E+00	2.477E+03	-1.872E+02	5.069E-01
289	3	13	-9.663E-01	-5.858E-02	-4.625E-01	1.891E+03	4.724E+02	1.112E+03	1.355E-01	-1.160E+00	1.968E+00	2.501E+03	-1.368E+02	5.013E-01
289	3	14	-9.643E-01	-5.846E-02	-4.615E-01	1.892E+03	4.724E+02	1.112E+03	1.353E-01	-1.158E+00	1.968E+00	2.501E+03	-1.369E+02	5.013E-01
289	3	15	-8.075E-01	-4.947E-02	-3.962E-01	1.852E+03	4.411E+02	1.131E+03	1.198E-01	-9.768E-01	1.975E+00	2.480E+03	-1.869E+02	5.067E-01
289	3	16	-8.055E-01	-4.935E-02	-3.953E-01	1.852E+03	4.411E+02	1.132E+03	1.196E-01	-9.744E-01	1.975E+00	2.480E+03	-1.869E+02	5.066E-01
289	4	1	1.606E-01	-1.247E+00	-6.205E-01	3.734E+02	1.769E+03	1.166E+03	3.951E-01	-1.481E+00	-3.613E-01	2.430E+03	-2.874E+02	1.055E+00
289	4	2	1.604E-01	-1.245E+00	-6.194E-01	3.735E+02	1.770E+03	1.166E+03	3.945E-01	-1.479E+00	-3.613E-01	2.431E+03	-2.876E+02	1.055E+00
289	4	3	9.714E-02	-1.418E+00	-7.085E-01	4.206E+02	1.875E+03	1.200E+03	3.768E-01	-1.698E+00	-3.760E-01	2.551E+03	-2.556E+02	1.058E+00
289	4	4	9.692E-02	-1.416E+00	-7.075E-01	4.206E+02	1.875E+03	1.201E+03	3.762E-01	-1.695E+00	-3.760E-01	2.552E+03	-2.558E+02	1.058E+00
289	4	5	1.613E-01	-1.236E+00	-6.148E-01	3.732E+02	1.770E+03	1.167E+03	3.932E-01	-1.468E+00	-3.608E-01	2.432E+03	-2.884E+02	1.055E+00
289	4	6	1.610E-01	-1.234E+00	-6.138E-01	3.732E+02	1.770E+03	1.167E+03	3.926E-01	-1.466E+00	-3.608E-01	2.432E+03	-2.885E+02	1.055E+00
289	4	7	9.781E-02	-1.408E+00	-7.028E-01	4.203E+02	1.876E+03	1.201E+03	3.749E-01	-1.685E+00	-3.756E-01	2.552E+03	-2.566E+02	1.058E+00
289	4	8	9.758E-02	-1.405E+00	-7.018E-01	4.204E+02	1.876E+03	1.202E+03	3.743E-01	-1.682E+00	-3.756E-01	2.553E+03	-2.568E+02	1.058E+00
289	4	9	5.120E-02	-9.505E-01	-5.092E-01	3.903E+02	1.834E+03	1.214E+03	2.646E-01	-1.164E+00	-3.968E-01	2.525E+03	-3.005E+02	1.054E+00
289	4	10	5.098E-02	-9.485E-01	-5.081E-01	3.904E+02	1.834E+03	1.215E+03	2.640E-01	-1.161E+00	-3.969E-01	2.525E+03	-3.007E+02	1.054E+00
289	4	11	-1.225E-02	-1.122E+00	-5.972E-01	4.374E+02	1.940E+03	1.249E+03	2.481E-01	-1.382E+00	-4.111E-01	2.646E+03	-2.687E+02	1.056E+00
289	4	12	-1.248E-02	-1.120E+00	-5.962E-01	4.375E+02	1.940E+03	1.249E+03	2.475E-01	-1.380E+00	-4.112E-01	2.646E+03	-2.689E+02	1.056E+00
289	4	13	5.187E-02	-9.400E-01	-5.035E-01	3.901E+02	1.835E+03	1.215E+03	2.627E-01	-1.151E+00	-3.965E-01	2.526E+03	-3.015E+02	1.053E+00
289	4	14	5.165E-02	-9.379E-01	-5.025E-01	3.901E+02	1.835E+03	1.216E+03	2.620E-01	-1.148E+00	-3.966E-01	2.527E+03	-3.016E+02	1.053E+00

289	4	15	-1.159E-02	-1.111E+00	-5.915E-01	4.372E+02	1.940E+03	1.250E+03	2.462E-01	-1.369E+00	-4.109E-01	2.647E+03	-2.697E+02	1.056E+00
289	4	16	-1.181E-02	-1.109E+00	-5.905E-01	4.372E+02	1.940E+03	1.250E+03	2.455E-01	-1.367E+00	-4.110E-01	2.648E+03	-2.699E+02	1.056E+00
290	1	1	-9.590E-01	2.341E-01	5.936E-01	-3.767E+03	-7.148E+02	8.538E+02	4.791E-01	-1.204E+00	1.179E+00	-4.922E+02	-3.990E+03	1.316E+00
290	1	2	-9.571E-01	2.338E-01	5.932E-01	-3.767E+03	-7.147E+02	8.546E+02	4.788E-01	-1.202E+00	1.179E+00	-4.918E+02	-3.990E+03	1.316E+00
290	1	3	8.127E-02	1.993E-01	9.837E-01	-3.883E+03	-7.526E+02	7.886E+02	1.126E+00	-8.452E-01	8.154E-01	-5.652E+02	-4.070E+03	1.337E+00
290	1	4	8.317E-02	1.990E-01	9.833E-01	-3.883E+03	-7.525E+02	7.894E+02	1.126E+00	-8.439E-01	8.148E-01	-5.647E+02	-4.071E+03	1.337E+00
290	1	5	-9.555E-01	2.326E-01	5.899E-01	-3.767E+03	-7.137E+02	8.579E+02	4.757E-01	-1.199E+00	1.180E+00	-4.891E+02	-3.991E+03	1.315E+00
290	1	6	-9.536E-01	2.323E-01	5.895E-01	-3.767E+03	-7.136E+02	8.588E+02	4.754E-01	-1.197E+00	1.180E+00	-4.886E+02	-3.992E+03	1.315E+00
290	1	7	8.478E-02	1.978E-01	9.800E-01	-3.883E+03	-7.514E+02	7.927E+02	1.123E+00	-8.403E-01	8.142E-01	-5.622E+02	-4.072E+03	1.336E+00
290	1	8	8.669E-02	1.975E-01	9.796E-01	-3.883E+03	-7.513E+02	7.935E+02	1.123E+00	-8.391E-01	8.136E-01	-5.617E+02	-4.072E+03	1.336E+00
290	1	9	-9.029E-01	1.555E-01	3.195E-01	-3.749E+03	-6.961E+02	9.601E+02	2.444E-01	-9.918E-01	1.299E+00	-4.193E+02	-4.026E+03	1.290E+00
290	1	10	-9.010E-01	1.551E-01	3.191E-01	-3.749E+03	-6.960E+02	9.609E+02	2.440E-01	-9.899E-01	1.299E+00	-4.188E+02	-4.026E+03	1.290E+00
290	1	11	1.374E-01	1.207E-01	7.096E-01	-3.865E+03	-7.339E+02	8.948E+02	8.387E-01	-5.806E-01	7.795E-01	-4.962E+02	-4.102E+03	1.311E+00
290	1	12	1.393E-01	1.204E-01	7.092E-01	-3.865E+03	-7.338E+02	8.956E+02	8.391E-01	-5.794E-01	7.787E-01	-4.957E+02	-4.103E+03	1.311E+00
290	1	13	-8.993E-01	1.540E-01	3.157E-01	-3.748E+03	-6.950E+02	9.642E+02	2.414E-01	-9.867E-01	1.301E+00	-4.160E+02	-4.027E+03	1.289E+00
290	1	14	-8.974E-01	1.536E-01	3.153E-01	-3.749E+03	-6.949E+02	9.650E+02	2.410E-01	-9.848E-01	1.301E+00	-4.155E+02	-4.028E+03	1.289E+00
290	1	15	1.409E-01	1.192E-01	7.058E-01	-3.864E+03	-7.328E+02	8.990E+02	8.360E-01	-5.758E-01	7.777E-01	-4.930E+02	-4.104E+03	1.310E+00
290	1	16	1.428E-01	1.189E-01	7.054E-01	-3.864E+03	-7.326E+02	8.998E+02	8.364E-01	-5.747E-01	7.769E-01	-4.925E+02	-4.104E+03	1.310E+00
290	2	1	-6.621E-01	-5.254E-01	9.112E-01	-8.353E+03	-1.007E+03	3.002E+01	3.200E-01	-1.507E+00	8.228E-01	-1.007E+03	-8.353E+03	1.567E+00
290	2	2	-6.603E-01	-5.252E-01	9.106E-01	-8.353E+03	-1.007E+03	3.068E+01	3.203E-01	-1.506E+00	8.224E-01	-1.007E+03	-8.353E+03	1.567E+00
290	2	3	3.445E-01	-8.273E-01	1.283E+00	-8.268E+03	-9.346E+02	5.770E+01	1.169E+00	-1.652E+00	5.713E-01	-9.341E+02	-8.269E+03	1.563E+00
290	2	4	3.462E-01	-8.271E-01	1.283E+00	-8.268E+03	-9.346E+02	5.836E+01	1.170E+00	-1.651E+00	5.709E-01	-9.342E+02	-8.269E+03	1.563E+00
290	2	5	-6.572E-01	-5.247E-01	9.089E-01	-8.353E+03	-1.007E+03	3.367E+01	3.203E-01	-1.502E+00	8.218E-01	-1.006E+03	-8.353E+03	1.566E+00
290	2	6	-6.555E-01	-5.245E-01	9.083E-01	-8.353E+03	-1.007E+03	3.433E+01	3.207E-01	-1.501E+00	8.214E-01	-1.006E+03	-8.353E+03	1.566E+00
290	2	7	3.493E-01	-8.266E-01	1.281E+00	-8.268E+03	-9.343E+02	6.134E+01	1.171E+00	-1.648E+00	5.703E-01	-9.337E+02	-8.269E+03	1.562E+00
290	2	8	3.511E-01	-8.264E-01	1.281E+00	-8.268E+03	-9.343E+02	6.201E+01	1.172E+00	-1.647E+00	5.699E-01	-9.338E+02	-8.269E+03	1.562E+00
290	2	9	-7.210E-01	-3.492E-01	5.103E-01	-8.241E+03	-1.010E+03	1.136E+02	7.973E-03	-1.078E+00	9.601E-01	-1.008E+03	-8.243E+03	1.555E+00
290	2	10	-7.192E-01	-3.490E-01	5.097E-01	-8.241E+03	-1.010E+03	1.143E+02	8.173E-03	-1.076E+00	9.596E-01	-1.008E+03	-8.243E+03	1.555E+00
290	2	11	2.855E-01	-6.511E-01	8.825E-01	-8.157E+03	-9.376E+02	1.413E+02	8.162E-01	-1.182E+00	5.415E-01	-9.348E+02	-8.159E+03	1.551E+00
290	2	12	2.873E-01	-6.509E-01	8.819E-01	-8.157E+03	-9.377E+02	1.420E+02	8.171E-01	-1.181E+00	5.410E-01	-9.349E+02	-8.160E+03	1.551E+00
290	2	13	-7.162E-01	-3.485E-01	5.080E-01	-8.241E+03	-1.010E+03	1.173E+02	7.922E-03	-1.073E+00	9.590E-01	-1.008E+03	-8.243E+03	1.555E+00
290	2	14	-7.144E-01	-3.483E-01	5.075E-01	-8.241E+03	-1.010E+03	1.179E+02	8.123E-03	-1.071E+00	9.585E-01	-1.008E+03	-8.243E+03	1.554E+00
290	2	15	2.904E-01	-6.503E-01	8.802E-01	-8.156E+03	-9.373E+02	1.450E+02	8.180E-01	-1.178E+00	5.400E-01	-9.344E+02	-8.159E+03	1.551E+00
290	2	16	2.921E-01	-6.501E-01	8.796E-01	-8.157E+03	-9.373E+02	1.456E+02	8.189E-01	-1.177E+00	5.395E-01	-9.344E+02	-8.160E+03	1.551E+00
290	3	1	-3.655E-01	-3.265E-02	5.938E-01	-3.852E+03	-2.858E+02	4.563E+01	4.176E-01	-8.158E-01	9.220E-01	-2.852E+02	-3.852E+03	1.558E+00
290	3	2	-3.639E-01	-3.288E-02	5.934E-01	-3.852E+03	-2.856E+02	4.633E+01	4.177E-01	-8.145E-01	9.214E-01	-2.850E+02	-3.852E+03	1.558E+00
290	3	3	6.095E-01	-1.082E-02	9.841E-01	-3.949E+03	-2.597E+02	7.416E+01	1.331E+00	-7.325E-01	6.327E-01	-2.582E+02	-3.951E+03	1.551E+00
290	3	4	6.111E-01	-1.105E-02	9.836E-01	-3.949E+03	-2.595E+02	7.486E+01	1.332E+00	-7.316E-01	6.323E-01	-2.580E+02	-3.951E+03	1.551E+00
290	3	5	-3.593E-01	-3.528E-02	5.901E-01	-3.850E+03	-2.847E+02	4.918E+01	4.146E-01	-8.092E-01	9.194E-01	-2.840E+02	-3.851E+03	1.557E+00
290	3	6	-3.577E-01	-3.551E-02	5.897E-01	-3.850E+03	-2.845E+02	4.988E+01	4.147E-01	-8.079E-01	9.187E-01	-2.838E+02	-3.851E+03	1.557E+00
290	3	7	6.156E-01	-1.344E-02	9.803E-01	-3.948E+03	-2.586E+02	7.770E+01	1.331E+00	-7.284E-01	6.302E-01	-2.569E+02	-3.950E+03	1.550E+00
290	3	8	6.173E-01	-1.367E-02	9.799E-01	-3.948E+03	-2.584E+02	7.840E+01	1.331E+00	-7.276E-01	6.297E-01	-2.567E+02	-3.950E+03	1.550E+00
290	3	9	-5.397E-01	-1.332E-02	3.196E-01	-3.814E+03	-2.632E+02	1.505E+02	1.375E-01	-6.906E-01	1.130E+00	-2.568E+02	-3.820E+03	1.529E+00

290	3	10	-5.381E-01	-1.355E-02	3.192E-01	-3.814E+03	-2.630E+02	1.512E+02	1.373E-01	-6.890E-01	1.129E+00	-2.566E+02	-3.820E+03	1.528E+00
290	3	11	4.352E-01	8.513E-03	7.098E-01	-3.911E+03	-2.370E+02	1.791E+02	9.631E-01	-5.193E-01	6.394E-01	-2.283E+02	-3.920E+03	1.522E+00
290	3	12	4.369E-01	8.284E-03	7.094E-01	-3.911E+03	-2.368E+02	1.798E+02	9.637E-01	-5.185E-01	6.387E-01	-2.281E+02	-3.920E+03	1.522E+00
290	3	13	-5.336E-01	-1.595E-02	3.159E-01	-3.813E+03	-2.621E+02	1.541E+02	1.336E-01	-6.831E-01	1.129E+00	-2.554E+02	-3.819E+03	1.528E+00
290	3	14	-5.319E-01	-1.617E-02	3.155E-01	-3.813E+03	-2.619E+02	1.548E+02	1.334E-01	-6.815E-01	1.128E+00	-2.552E+02	-3.819E+03	1.527E+00
290	3	15	4.414E-01	5.889E-03	7.061E-01	-3.910E+03	-2.359E+02	1.826E+02	9.626E-01	-5.153E-01	6.358E-01	-2.269E+02	-3.919E+03	1.521E+00
290	3	16	4.430E-01	5.660E-03	7.057E-01	-3.910E+03	-2.357E+02	1.833E+02	9.632E-01	-5.144E-01	6.351E-01	-2.266E+02	-3.919E+03	1.521E+00
290	4	1	-6.615E-01	7.303E-01	2.722E-01	6.961E+02	-3.627E+02	3.199E+02	7.816E-01	-7.128E-01	1.384E+00	7.853E+02	-4.519E+02	2.718E-01
290	4	2	-6.597E-01	7.295E-01	2.719E-01	6.961E+02	-3.623E+02	3.204E+02	7.808E-01	-7.111E-01	1.384E+00	7.856E+02	-4.517E+02	2.722E-01
290	4	3	3.453E-01	1.012E+00	6.885E-01	4.731E+02	-4.278E+02	2.819E+02	1.444E+00	-8.616E-02	1.011E+00	5.541E+02	-5.087E+02	2.796E-01
290	4	4	3.471E-01	1.012E+00	6.882E-01	4.732E+02	-4.274E+02	2.823E+02	1.444E+00	-8.488E-02	1.010E+00	5.543E+02	-5.086E+02	2.800E-01
290	4	5	-6.566E-01	7.254E-01	2.670E-01	6.978E+02	-3.604E+02	3.222E+02	7.752E-01	-7.064E-01	1.386E+00	7.882E+02	-4.508E+02	2.735E-01
290	4	6	-6.549E-01	7.246E-01	2.667E-01	6.978E+02	-3.600E+02	3.227E+02	7.744E-01	-7.047E-01	1.386E+00	7.885E+02	-4.507E+02	2.739E-01
290	4	7	3.501E-01	1.008E+00	6.833E-01	4.748E+02	-4.255E+02	2.842E+02	1.437E+00	-7.937E-02	1.010E+00	5.570E+02	-5.077E+02	2.816E-01
290	4	8	3.519E-01	1.007E+00	6.830E-01	4.748E+02	-4.251E+02	2.846E+02	1.437E+00	-7.810E-02	1.009E+00	5.573E+02	-5.076E+02	2.820E-01
290	4	9	-7.206E-01	4.948E-01	1.247E-01	6.406E+02	-3.101E+02	3.705E+02	5.074E-01	-7.333E-01	1.470E+00	7.679E+02	-4.375E+02	3.311E-01
290	4	10	-7.188E-01	4.940E-01	1.245E-01	6.406E+02	-3.097E+02	3.710E+02	5.066E-01	-7.315E-01	1.470E+00	7.682E+02	-4.374E+02	3.315E-01
290	4	11	2.862E-01	7.769E-01	5.410E-01	4.176E+02	-3.752E+02	3.325E+02	1.126E+00	-6.249E-02	9.983E-01	5.386E+02	-4.962E+02	3.490E-01
290	4	12	2.879E-01	7.761E-01	5.407E-01	4.176E+02	-3.748E+02	3.329E+02	1.125E+00	-6.124E-02	9.974E-01	5.389E+02	-4.961E+02	3.494E-01
290	4	13	-7.158E-01	4.899E-01	1.195E-01	6.422E+02	-3.078E+02	3.729E+02	5.017E-01	-7.275E-01	1.473E+00	7.711E+02	-4.366E+02	3.328E-01
290	4	14	-7.140E-01	4.891E-01	1.193E-01	6.422E+02	-3.074E+02	3.733E+02	5.009E-01	-7.257E-01	1.473E+00	7.714E+02	-4.366E+02	3.331E-01
290	4	15	2.910E-01	7.721E-01	5.358E-01	4.192E+02	-3.729E+02	3.348E+02	1.119E+00	-5.576E-02	9.964E-01	5.418E+02	-4.954E+02	3.509E-01
290	4	16	2.928E-01	7.713E-01	5.355E-01	4.192E+02	-3.725E+02	3.352E+02	1.119E+00	-5.451E-02	9.955E-01	5.421E+02	-4.954E+02	3.513E-01
291	1	1	-8.826E-02	1.129E-01	-4.409E-01	-3.886E+03	-7.409E+02	-9.977E+02	4.646E-01	-4.400E-01	2.244E+00	-4.512E+02	-4.176E+03	1.853E+00
291	1	2	-8.855E-02	1.130E-01	-4.413E-01	-3.886E+03	-7.411E+02	-9.970E+02	4.649E-01	-4.404E-01	2.244E+00	-4.517E+02	-4.176E+03	1.853E+00
291	1	3	9.635E-01	5.733E-02	-8.437E-01	-4.006E+03	-7.755E+02	-8.816E+02	1.468E+00	-4.473E-01	-5.390E-01	-5.506E+02	-4.231E+03	1.821E+00
291	1	4	9.632E-01	5.751E-02	-8.441E-01	-4.007E+03	-7.757E+02	-8.810E+02	1.468E+00	-4.475E-01	-5.392E-01	-5.511E+02	-4.231E+03	1.820E+00
291	1	5	-9.180E-02	1.143E-01	-4.447E-01	-3.886E+03	-7.420E+02	-9.934E+02	4.677E-01	-4.452E-01	2.242E+00	-4.545E+02	-4.174E+03	1.853E+00
291	1	6	-9.209E-02	1.145E-01	-4.451E-01	-3.886E+03	-7.422E+02	-9.928E+02	4.681E-01	-4.457E-01	2.242E+00	-4.550E+02	-4.174E+03	1.852E+00
291	1	7	9.599E-01	5.882E-02	-8.474E-01	-4.007E+03	-7.766E+02	-8.774E+02	1.469E+00	-4.504E-01	-5.411E-01	-5.537E+02	-4.230E+03	1.820E+00
291	1	8	9.596E-01	5.901E-02	-8.478E-01	-4.007E+03	-7.768E+02	-8.767E+02	1.469E+00	-4.507E-01	-5.413E-01	-5.542E+02	-4.229E+03	1.819E+00
291	1	9	-1.774E+00	2.985E-01	-4.624E-01	-3.631E+03	-6.833E+02	-8.341E+02	3.970E-01	-1.873E+00	1.781E+00	-4.636E+02	-3.850E+03	1.828E+00
291	1	10	-1.774E+00	2.987E-01	-4.628E-01	-3.631E+03	-6.835E+02	-8.334E+02	3.973E-01	-1.873E+00	1.781E+00	-4.641E+02	-3.850E+03	1.828E+00
291	1	11	-7.225E-01	2.430E-01	-8.652E-01	-3.751E+03	-7.179E+02	-7.181E+02	7.510E-01	-1.230E+00	2.102E+00	-5.565E+02	-3.913E+03	1.792E+00
291	1	12	-7.228E-01	2.432E-01	-8.655E-01	-3.751E+03	-7.181E+02	-7.174E+02	7.514E-01	-1.231E+00	2.102E+00	-5.569E+02	-3.912E+03	1.792E+00
291	1	13	-1.778E+00	3.000E-01	-4.661E-01	-3.631E+03	-6.844E+02	-8.298E+02	3.998E-01	-1.878E+00	1.782E+00	-4.668E+02	-3.849E+03	1.827E+00
291	1	14	-1.778E+00	3.002E-01	-4.665E-01	-3.631E+03	-6.846E+02	-8.292E+02	4.001E-01	-1.878E+00	1.782E+00	-4.673E+02	-3.848E+03	1.827E+00
291	1	15	-7.260E-01	2.445E-01	-8.689E-01	-3.751E+03	-7.190E+02	-7.138E+02	7.544E-01	-1.236E+00	2.102E+00	-5.594E+02	-3.911E+03	1.791E+00
291	1	16	-7.263E-01	2.447E-01	-8.693E-01	-3.752E+03	-7.192E+02	-7.132E+02	7.548E-01	-1.236E+00	2.102E+00	-5.598E+02	-3.911E+03	1.791E+00
291	2	1	2.472E-02	5.061E-01	-3.283E-01	4.699E+02	-3.181E+02	-3.348E+02	6.725E-01	-1.416E-01	2.040E+00	5.929E+02	-4.411E+02	-3.521E-01
291	2	2	2.435E-02	5.067E-01	-3.288E-01	4.696E+02	-3.184E+02	-3.344E+02	6.732E-01	-1.422E-01	2.040E+00	5.924E+02	-4.412E+02	-3.518E-01
291	2	3	1.038E+00	8.212E-01	-7.510E-01	2.384E+02	-4.021E+02	-2.514E+02	1.688E+00	1.708E-01	-7.137E-01	3.253E+02	-4.890E+02	-3.328E-01
291	2	4	1.038E+00	8.217E-01	-7.515E-01	2.381E+02	-4.024E+02	-2.510E+02	1.689E+00	1.705E-01	-7.141E-01	3.248E+02	-4.891E+02	-3.324E-01

291	2	5	1.986E-02	5.110E-01	-3.335E-01	4.682E+02	-3.205E+02	-3.324E+02	6.795E-01	-1.487E-01	2.039E+00	5.896E+02	-4.419E+02	-3.502E-01
291	2	6	1.949E-02	5.115E-01	-3.339E-01	4.680E+02	-3.208E+02	-3.320E+02	6.803E-01	-1.493E-01	2.039E+00	5.891E+02	-4.419E+02	-3.499E-01
291	2	7	1.033E+00	8.260E-01	-7.562E-01	2.368E+02	-4.044E+02	-2.491E+02	1.693E+00	1.663E-01	-7.174E-01	3.222E+02	-4.898E+02	-3.302E-01
291	2	8	1.033E+00	8.266E-01	-7.567E-01	2.365E+02	-4.048E+02	-2.487E+02	1.693E+00	1.660E-01	-7.177E-01	3.216E+02	-4.899E+02	-3.298E-01
291	2	9	-1.410E+00	6.943E-01	-7.375E-02	8.577E+02	-3.553E+02	-3.825E+02	6.969E-01	-1.413E+00	1.606E+00	9.682E+02	-4.659E+02	-2.814E-01
291	2	10	-1.411E+00	6.948E-01	-7.422E-02	8.574E+02	-3.557E+02	-3.821E+02	6.975E-01	-1.413E+00	1.606E+00	9.678E+02	-4.660E+02	-2.811E-01
291	2	11	-3.970E-01	1.009E+00	-4.965E-01	6.262E+02	-4.393E+02	-2.992E+02	1.167E+00	-5.546E-01	1.878E+00	7.045E+02	-5.176E+02	-2.559E-01
291	2	12	-3.974E-01	1.010E+00	-4.970E-01	6.260E+02	-4.397E+02	-2.988E+02	1.168E+00	-5.552E-01	1.878E+00	7.040E+02	-5.177E+02	-2.556E-01
291	2	13	-1.415E+00	6.991E-01	-7.894E-02	8.560E+02	-3.577E+02	-3.802E+02	7.021E-01	-1.418E+00	1.608E+00	9.653E+02	-4.670E+02	-2.798E-01
291	2	14	-1.415E+00	6.997E-01	-7.941E-02	8.558E+02	-3.580E+02	-3.798E+02	7.027E-01	-1.418E+00	1.608E+00	9.648E+02	-4.671E+02	-2.796E-01
291	2	15	-4.019E-01	1.014E+00	-5.017E-01	6.246E+02	-4.417E+02	-2.969E+02	1.174E+00	-5.616E-01	1.879E+00	7.017E+02	-5.188E+02	-2.540E-01
291	2	16	-4.023E-01	1.015E+00	-5.021E-01	6.243E+02	-4.420E+02	-2.965E+02	1.175E+00	-5.622E-01	1.879E+00	7.012E+02	-5.189E+02	-2.537E-01
291	3	1	1.363E-01	-1.443E-03	-4.411E-01	-3.939E+03	-2.546E+02	-2.155E+02	5.139E-01	-3.790E-01	-7.079E-01	-2.421E+02	-3.952E+03	1.629E+00
291	3	2	1.359E-01	-1.191E-03	-4.415E-01	-3.940E+03	-2.548E+02	-2.149E+02	5.141E-01	-3.794E-01	-7.084E-01	-2.423E+02	-3.952E+03	1.629E+00
291	3	3	1.113E+00	1.270E-02	-8.440E-01	-4.037E+03	-2.322E+02	-1.437E+02	1.570E+00	-4.447E-01	-4.966E-01	-2.267E+02	-4.042E+03	1.608E+00
291	3	4	1.112E+00	1.296E-02	-8.444E-01	-4.037E+03	-2.323E+02	-1.431E+02	1.570E+00	-4.449E-01	-4.969E-01	-2.270E+02	-4.042E+03	1.608E+00
291	3	5	1.301E-01	1.182E-03	-4.448E-01	-3.940E+03	-2.557E+02	-2.119E+02	5.152E-01	-3.838E-01	-7.134E-01	-2.436E+02	-3.953E+03	1.628E+00
291	3	6	1.297E-01	1.434E-03	-4.452E-01	-3.941E+03	-2.559E+02	-2.113E+02	5.154E-01	-3.843E-01	-7.139E-01	-2.438E+02	-3.953E+03	1.628E+00
291	3	7	1.106E+00	1.533E-02	-8.477E-01	-4.038E+03	-2.332E+02	-1.401E+02	1.569E+00	-4.472E-01	-4.995E-01	-2.281E+02	-4.043E+03	1.608E+00
291	3	8	1.106E+00	1.558E-02	-8.481E-01	-4.038E+03	-2.334E+02	-1.395E+02	1.569E+00	-4.474E-01	-4.997E-01	-2.283E+02	-4.043E+03	1.607E+00
291	3	9	-1.048E+00	-2.914E-02	-4.626E-01	-3.738E+03	-2.995E+02	-5.330E+01	1.496E-01	-1.227E+00	1.939E+00	-2.987E+02	-3.738E+03	1.586E+00
291	3	10	-1.048E+00	-2.888E-02	-4.630E-01	-3.738E+03	-2.997E+02	-5.272E+01	1.500E-01	-1.227E+00	1.940E+00	-2.989E+02	-3.739E+03	1.586E+00
291	3	11	-7.146E-02	-1.499E-02	-8.655E-01	-3.835E+03	-2.770E+02	1.853E+01	8.227E-01	-9.092E-01	2.340E+00	-2.769E+02	-3.835E+03	1.566E+00
291	3	12	-7.192E-02	-1.474E-02	-8.659E-01	-3.835E+03	-2.772E+02	1.911E+01	8.230E-01	-9.097E-01	2.340E+00	-2.771E+02	-3.835E+03	1.565E+00
291	3	13	-1.054E+00	-2.651E-02	-4.663E-01	-3.739E+03	-3.006E+02	-4.970E+01	1.536E-01	-1.234E+00	1.939E+00	-2.999E+02	-3.739E+03	1.585E+00
291	3	14	-1.054E+00	-2.626E-02	-4.667E-01	-3.739E+03	-3.008E+02	-4.912E+01	1.540E-01	-1.235E+00	1.939E+00	-3.001E+02	-3.740E+03	1.585E+00
291	3	15	-7.766E-02	-1.237E-02	-8.692E-01	-3.836E+03	-2.781E+02	2.213E+01	8.248E-01	-9.148E-01	2.337E+00	-2.780E+02	-3.836E+03	1.565E+00
291	3	16	-7.811E-02	-1.211E-02	-8.696E-01	-3.836E+03	-2.783E+02	2.271E+01	8.251E-01	-9.153E-01	2.337E+00	-2.782E+02	-3.836E+03	1.564E+00
291	4	1	2.426E-02	-4.189E-01	-5.492E-01	-8.331E+03	-1.041E+03	-1.888E+01	3.949E-01	-7.895E-01	-5.936E-01	-1.041E+03	-8.331E+03	1.573E+00
291	4	2	2.390E-02	-4.190E-01	-5.495E-01	-8.331E+03	-1.041E+03	-1.827E+01	3.949E-01	-7.900E-01	-5.938E-01	-1.041E+03	-8.331E+03	1.573E+00
291	4	3	1.037E+00	-7.269E-01	-9.413E-01	-8.246E+03	-9.703E+02	3.881E+01	1.445E+00	-1.135E+00	-4.089E-01	-9.701E+02	-8.246E+03	1.565E+00
291	4	4	1.037E+00	-7.271E-01	-9.416E-01	-8.246E+03	-9.704E+02	3.942E+01	1.445E+00	-1.135E+00	-4.090E-01	-9.702E+02	-8.246E+03	1.565E+00
291	4	5	1.939E-02	-4.197E-01	-5.515E-01	-8.331E+03	-1.041E+03	-1.520E+01	3.934E-01	-7.937E-01	-5.960E-01	-1.041E+03	-8.331E+03	1.573E+00
291	4	6	1.903E-02	-4.198E-01	-5.517E-01	-8.331E+03	-1.041E+03	-1.460E+01	3.934E-01	-7.941E-01	-5.962E-01	-1.041E+03	-8.331E+03	1.573E+00
291	4	7	1.032E+00	-7.277E-01	-9.436E-01	-8.246E+03	-9.705E+02	4.249E+01	1.443E+00	-1.138E+00	-4.101E-01	-9.703E+02	-8.246E+03	1.565E+00
291	4	8	1.032E+00	-7.278E-01	-9.438E-01	-8.246E+03	-9.706E+02	4.309E+01	1.442E+00	-1.138E+00	-4.102E-01	-9.704E+02	-8.246E+03	1.565E+00
291	4	9	-1.411E+00	-4.491E-01	-8.467E-01	-8.262E+03	-9.771E+02	9.494E+01	4.371E-02	-1.904E+00	2.098E+00	-9.759E+02	-8.263E+03	1.558E+00
291	4	10	-1.411E+00	-4.492E-01	-8.470E-01	-8.262E+03	-9.772E+02	9.554E+01	4.378E-02	-1.904E+00	2.098E+00	-9.759E+02	-8.263E+03	1.558E+00
291	4	11	-3.978E-01	-7.572E-01	-1.239E+00	-8.177E+03	-9.068E+02	1.526E+02	6.742E-01	-1.829E+00	-7.134E-01	-9.036E+02	-8.180E+03	1.550E+00
291	4	12	-3.982E-01	-7.573E-01	-1.239E+00	-8.177E+03	-9.069E+02	1.532E+02	6.743E-01	-1.830E+00	-7.135E-01	-9.037E+02	-8.180E+03	1.550E+00
291	4	13	-1.416E+00	-4.499E-01	-8.489E-01	-8.262E+03	-9.773E+02	9.861E+01	4.390E-02	-1.909E+00	2.098E+00	-9.760E+02	-8.263E+03	1.557E+00
291	4	14	-1.416E+00	-4.500E-01	-8.492E-01	-8.262E+03	-9.774E+02	9.922E+01	4.398E-02	-1.910E+00	2.098E+00	-9.761E+02	-8.263E+03	1.557E+00
291	4	15	-4.027E-01	-7.579E-01	-1.241E+00	-8.176E+03	-9.070E+02	1.563E+02	6.734E-01	-1.834E+00	-7.143E-01	-9.036E+02	-8.180E+03	1.549E+00

291	4	16	-4.031E-01	-7.580E-01	-1.241E+00	-8.176E+03	-9.071E+02	1.569E+02	6.734E-01	-1.834E+00	-7.144E-01	-9.037E+02	-8.180E+03	1.549E+00
292	1	1	2.877E-01	-3.214E-01	9.204E-01	2.923E+03	2.505E+03	-1.685E+03	9.526E-01	-9.863E-01	6.256E-01	4.412E+03	1.016E+03	-7.238E-01
292	1	2	2.884E-01	-3.220E-01	9.215E-01	2.922E+03	2.505E+03	-1.685E+03	9.539E-01	-9.875E-01	6.255E-01	4.412E+03	1.015E+03	-7.237E-01
292	1	3	-1.424E-02	-1.715E-01	6.134E-01	3.025E+03	2.608E+03	-1.800E+03	5.256E-01	-7.113E-01	7.217E-01	4.629E+03	1.005E+03	-7.277E-01
292	1	4	-1.360E-02	-1.720E-01	6.145E-01	3.025E+03	2.608E+03	-1.800E+03	5.268E-01	-7.124E-01	7.213E-01	4.629E+03	1.004E+03	-7.277E-01
292	1	5	2.923E-01	-3.261E-01	9.302E-01	2.921E+03	2.503E+03	-1.685E+03	9.633E-01	-9.971E-01	6.249E-01	4.410E+03	1.014E+03	-7.237E-01
292	1	6	2.929E-01	-3.267E-01	9.313E-01	2.920E+03	2.502E+03	-1.685E+03	9.646E-01	-9.983E-01	6.248E-01	4.410E+03	1.013E+03	-7.236E-01
292	1	7	-9.690E-03	-1.762E-01	6.233E-01	3.023E+03	2.606E+03	-1.800E+03	5.359E-01	-7.217E-01	7.190E-01	4.627E+03	1.002E+03	-7.276E-01
292	1	8	-9.053E-03	-1.767E-01	6.244E-01	3.023E+03	2.605E+03	-1.800E+03	5.371E-01	-7.228E-01	7.187E-01	4.627E+03	1.002E+03	-7.276E-01
292	1	9	1.329E+00	-7.312E-01	1.620E+00	2.600E+03	2.197E+03	-1.513E+03	2.219E+00	-1.621E+00	5.022E-01	3.925E+03	8.719E+02	-7.193E-01
292	1	10	1.330E+00	-7.317E-01	1.621E+00	2.599E+03	2.196E+03	-1.513E+03	2.220E+00	-1.622E+00	5.022E-01	3.924E+03	8.713E+02	-7.192E-01
292	1	11	1.027E+00	-5.812E-01	1.313E+00	2.702E+03	2.300E+03	-1.628E+03	1.763E+00	-1.317E+00	5.106E-01	4.142E+03	8.606E+02	-7.240E-01
292	1	12	1.028E+00	-5.818E-01	1.314E+00	2.702E+03	2.300E+03	-1.628E+03	1.764E+00	-1.318E+00	5.107E-01	4.141E+03	8.600E+02	-7.240E-01
292	1	13	1.334E+00	-7.359E-01	1.630E+00	2.598E+03	2.194E+03	-1.513E+03	2.230E+00	-1.632E+00	5.026E-01	3.922E+03	8.694E+02	-7.191E-01
292	1	14	1.335E+00	-7.364E-01	1.631E+00	2.597E+03	2.194E+03	-1.513E+03	2.231E+00	-1.633E+00	5.026E-01	3.922E+03	8.688E+02	-7.191E-01
292	1	15	1.032E+00	-5.859E-01	1.323E+00	2.700E+03	2.297E+03	-1.628E+03	1.774E+00	-1.328E+00	5.110E-01	4.140E+03	8.581E+02	-7.239E-01
292	1	16	1.033E+00	-5.864E-01	1.324E+00	2.700E+03	2.297E+03	-1.628E+03	1.775E+00	-1.329E+00	5.110E-01	4.139E+03	8.575E+02	-7.239E-01
292	2	1	-2.146E-02	-9.852E-01	3.802E-01	4.152E+02	1.909E+03	-1.232E+03	1.105E-01	-1.117E+00	3.340E-01	2.603E+03	-2.789E+02	2.084E+00
292	2	2	-2.143E-02	-9.864E-01	3.808E-01	4.152E+02	1.909E+03	-1.232E+03	1.108E-01	-1.119E+00	3.341E-01	2.603E+03	-2.788E+02	2.084E+00
292	2	3	-9.146E-02	-6.546E-01	5.460E-01	4.626E+02	2.015E+03	-1.297E+03	2.413E-01	-9.873E-01	5.473E-01	2.751E+03	-2.730E+02	2.087E+00
292	2	4	-9.143E-02	-6.558E-01	5.466E-01	4.626E+02	2.015E+03	-1.297E+03	2.415E-01	-9.888E-01	5.471E-01	2.750E+03	-2.729E+02	2.087E+00
292	2	5	-2.212E-02	-9.957E-01	3.859E-01	4.154E+02	1.909E+03	-1.231E+03	1.123E-01	-1.130E+00	3.351E-01	2.602E+03	-2.779E+02	2.084E+00
292	2	6	-2.209E-02	-9.969E-01	3.865E-01	4.154E+02	1.908E+03	-1.231E+03	1.126E-01	-1.132E+00	3.352E-01	2.602E+03	-2.778E+02	2.084E+00
292	2	7	-9.212E-02	-6.652E-01	5.517E-01	4.628E+02	2.015E+03	-1.296E+03	2.430E-01	-1.000E+00	5.459E-01	2.749E+03	-2.720E+02	2.087E+00
292	2	8	-9.210E-02	-6.664E-01	5.523E-01	4.628E+02	2.014E+03	-1.296E+03	2.432E-01	-1.002E+00	5.457E-01	2.749E+03	-2.719E+02	2.086E+00
292	2	9	2.368E-01	-1.735E+00	6.849E-01	3.516E+02	1.693E+03	-1.110E+03	4.514E-01	-1.950E+00	3.036E-01	2.320E+03	-2.747E+02	2.084E+00
292	2	10	2.368E-01	-1.736E+00	6.856E-01	3.515E+02	1.693E+03	-1.110E+03	4.517E-01	-1.951E+00	3.037E-01	2.319E+03	-2.746E+02	2.084E+00
292	2	11	1.668E-01	-1.404E+00	8.507E-01	3.990E+02	1.799E+03	-1.175E+03	5.392E-01	-1.777E+00	4.126E-01	2.467E+03	-2.688E+02	2.088E+00
292	2	12	1.668E-01	-1.406E+00	8.514E-01	3.989E+02	1.799E+03	-1.175E+03	5.395E-01	-1.778E+00	4.126E-01	2.467E+03	-2.687E+02	2.088E+00
292	2	13	2.361E-01	-1.746E+00	6.906E-01	3.518E+02	1.693E+03	-1.109E+03	4.531E-01	-1.962E+00	3.044E-01	2.318E+03	-2.737E+02	2.084E+00
292	2	14	2.362E-01	-1.747E+00	6.913E-01	3.518E+02	1.692E+03	-1.109E+03	4.534E-01	-1.964E+00	3.044E-01	2.318E+03	-2.736E+02	2.084E+00
292	2	15	1.661E-01	-1.415E+00	8.564E-01	3.992E+02	1.799E+03	-1.174E+03	5.411E-01	-1.790E+00	4.127E-01	2.466E+03	-2.678E+02	2.087E+00
292	2	16	1.662E-01	-1.416E+00	8.571E-01	3.992E+02	1.799E+03	-1.174E+03	5.414E-01	-1.791E+00	4.127E-01	2.465E+03	-2.677E+02	2.087E+00
292	3	1	-8.007E-01	-5.299E-02	3.999E-01	1.928E+03	4.597E+02	-1.126E+03	1.206E-01	-9.743E-01	1.161E+00	2.537E+03	-1.501E+02	-4.965E-01
292	3	2	-8.018E-01	-5.311E-02	4.005E-01	1.927E+03	4.596E+02	-1.125E+03	1.207E-01	-9.756E-01	1.161E+00	2.537E+03	-1.501E+02	-4.965E-01
292	3	3	-4.883E-01	-6.140E-02	2.611E-01	1.846E+03	4.260E+02	-1.153E+03	6.237E-02	-6.121E-01	1.128E+00	2.490E+03	-2.180E+02	-5.094E-01
292	3	4	-4.894E-01	-6.152E-02	2.616E-01	1.845E+03	4.259E+02	-1.153E+03	6.249E-02	-6.134E-01	1.128E+00	2.489E+03	-2.180E+02	-5.095E-01
292	3	5	-8.111E-01	-5.405E-02	4.047E-01	1.924E+03	4.592E+02	-1.125E+03	1.216E-01	-9.867E-01	1.161E+00	2.534E+03	-1.503E+02	-4.967E-01
292	3	6	-8.122E-01	-5.417E-02	4.053E-01	1.924E+03	4.592E+02	-1.124E+03	1.217E-01	-9.881E-01	1.161E+00	2.533E+03	-1.503E+02	-4.967E-01
292	3	7	-4.987E-01	-6.246E-02	2.659E-01	1.842E+03	4.256E+02	-1.152E+03	6.332E-02	-6.245E-01	1.129E+00	2.486E+03	-2.183E+02	-5.097E-01
292	3	8	-4.998E-01	-6.259E-02	2.664E-01	1.842E+03	4.255E+02	-1.152E+03	6.345E-02	-6.259E-01	1.129E+00	2.486E+03	-2.183E+02	-5.097E-01
292	3	9	-1.663E+00	-1.486E-03	7.269E-01	1.786E+03	4.889E+02	-1.050E+03	2.717E-01	-1.936E+00	1.211E+00	2.371E+03	-9.650E+01	-5.087E-01
292	3	10	-1.664E+00	-1.608E-03	7.275E-01	1.785E+03	4.889E+02	-1.050E+03	2.718E-01	-1.938E+00	1.211E+00	2.371E+03	-9.651E+01	-5.088E-01

292	3	11	-1.351E+00	-9.902E-03	5.881E-01	1.704E+03	4.552E+02	-1.077E+03	2.115E-01	-1.572E+00	1.211E+00	2.324E+03	-1.653E+02	-5.227E-01
292	3	12	-1.352E+00	-1.002E-02	5.887E-01	1.703E+03	4.552E+02	-1.077E+03	2.116E-01	-1.573E+00	1.211E+00	2.324E+03	-1.653E+02	-5.228E-01
292	3	13	-1.673E+00	-2.548E-03	7.318E-01	1.783E+03	4.885E+02	-1.049E+03	2.726E-01	-1.949E+00	1.211E+00	2.368E+03	-9.675E+01	-5.090E-01
292	3	14	-1.675E+00	-2.671E-03	7.323E-01	1.782E+03	4.884E+02	-1.049E+03	2.727E-01	-1.950E+00	1.211E+00	2.367E+03	-9.675E+01	-5.090E-01
292	3	15	-1.361E+00	-1.096E-02	5.929E-01	1.701E+03	4.548E+02	-1.076E+03	2.125E-01	-1.585E+00	1.210E+00	2.321E+03	-1.656E+02	-5.230E-01
292	3	16	-1.362E+00	-1.109E-02	5.935E-01	1.700E+03	4.548E+02	-1.076E+03	2.126E-01	-1.586E+00	1.210E+00	2.320E+03	-1.656E+02	-5.231E-01
292	4	1	-3.778E-01	4.149E-01	7.754E-01	3.767E+03	1.536E+03	-8.006E+02	8.893E-01	-8.523E-01	1.022E+00	4.025E+03	1.278E+03	-3.112E-01
292	4	2	-3.783E-01	4.154E-01	7.764E-01	3.766E+03	1.536E+03	-8.002E+02	8.905E-01	-8.534E-01	1.022E+00	4.024E+03	1.278E+03	-3.112E-01
292	4	3	-5.247E-01	6.177E-01	4.932E-01	3.904E+03	1.433E+03	-7.329E+02	8.011E-01	-7.082E-01	1.215E+00	4.105E+03	1.232E+03	-2.676E-01
292	4	4	-5.252E-01	6.182E-01	4.942E-01	3.903E+03	1.432E+03	-7.325E+02	8.022E-01	-7.092E-01	1.214E+00	4.104E+03	1.231E+03	-2.676E-01
292	4	5	-3.830E-01	4.197E-01	7.844E-01	3.762E+03	1.533E+03	-7.986E+02	8.994E-01	-8.628E-01	1.022E+00	4.019E+03	1.276E+03	-3.109E-01
292	4	6	-3.835E-01	4.202E-01	7.854E-01	3.761E+03	1.533E+03	-7.983E+02	9.006E-01	-8.639E-01	1.022E+00	4.018E+03	1.276E+03	-3.108E-01
292	4	7	-5.299E-01	6.225E-01	5.022E-01	3.899E+03	1.430E+03	-7.310E+02	8.106E-01	-7.181E-01	1.212E+00	4.099E+03	1.230E+03	-2.672E-01
292	4	8	-5.304E-01	6.230E-01	5.032E-01	3.899E+03	1.429E+03	-7.306E+02	8.117E-01	-7.191E-01	1.212E+00	4.099E+03	1.229E+03	-2.672E-01
292	4	9	-4.568E-01	8.064E-01	1.497E+00	3.421E+03	1.430E+03	-8.465E+02	1.800E+00	-1.450E+00	9.850E-01	3.732E+03	1.119E+03	-3.524E-01
292	4	10	-4.573E-01	8.069E-01	1.499E+00	3.420E+03	1.430E+03	-8.462E+02	1.801E+00	-1.452E+00	9.850E-01	3.731E+03	1.119E+03	-3.523E-01
292	4	11	-6.038E-01	1.009E+00	1.215E+00	3.558E+03	1.327E+03	-7.788E+02	1.661E+00	-1.256E+00	1.078E+00	3.803E+03	1.082E+03	-3.047E-01
292	4	12	-6.042E-01	1.010E+00	1.216E+00	3.557E+03	1.327E+03	-7.785E+02	1.662E+00	-1.257E+00	1.078E+00	3.802E+03	1.082E+03	-3.047E-01
292	4	13	-4.620E-01	8.112E-01	1.506E+00	3.416E+03	1.427E+03	-8.446E+02	1.810E+00	-1.461E+00	9.853E-01	3.727E+03	1.117E+03	-3.521E-01
292	4	14	-4.625E-01	8.117E-01	1.507E+00	3.416E+03	1.427E+03	-8.443E+02	1.811E+00	-1.462E+00	9.853E-01	3.726E+03	1.117E+03	-3.520E-01
292	4	15	-6.090E-01	1.014E+00	1.224E+00	3.553E+03	1.324E+03	-7.769E+02	1.671E+00	-1.266E+00	1.078E+00	3.797E+03	1.080E+03	-3.044E-01
292	4	16	-6.094E-01	1.015E+00	1.225E+00	3.553E+03	1.324E+03	-7.766E+02	1.672E+00	-1.267E+00	1.078E+00	3.797E+03	1.080E+03	-3.043E-01

FILE: gus4c009.bin														
Caso di carico: 9 - SLD con SISMA PRINC (1xC1 + 1xC2 + 1xC3 + 0.8xC5 + 0.267xSismaX + 0.890xSismaY)														
Guscio	Nodo	Sest.	sx (N/mm2)	sy (N/mm2)	sxy (N/mm2)	mx (kN)	my (kN)	mxy (kN)	s1 (N/mm2)	s2 (N/mm2)	ths (rad)	m1 (kN)	m2 (kN)	thm (rad)
1	1	1	-9.318E-17	-4.993E-17	-8.606E-18	5.360E+02	-3.912E+02	2.264E+02	-4.828E-17	-9.483E-17	1.571E+00	5.883E+02	-4.435E+02	2.272E-01
1	1	2	-8.119E-17	2.998E-17	-1.464E-17	5.262E+02	-3.942E+02	2.195E+02	3.187E-17	-8.309E-17	1.571E+00	5.759E+02	-4.439E+02	2.225E-01
1	1	3	-9.318E-17	-4.993E-17	-8.606E-18	6.338E+02	-2.895E+02	2.065E+02	-4.828E-17	-9.483E-17	1.571E+00	6.779E+02	-3.336E+02	2.103E-01
1	1	4	-8.119E-17	2.998E-17	-1.464E-17	6.241E+02	-2.925E+02	1.996E+02	3.187E-17	-8.309E-17	1.571E+00	6.656E+02	-3.341E+02	2.053E-01
1	1	5	8.119E-17	-2.998E-17	1.464E-17	5.283E+02	-3.907E+02	2.295E+02	8.309E-17	-3.187E-17	0.000E+00	5.824E+02	-4.448E+02	2.316E-01
1	1	6	9.318E-17	4.993E-17	8.606E-18	5.185E+02	-3.937E+02	2.225E+02	9.483E-17	4.828E-17	0.000E+00	5.699E+02	-4.451E+02	2.269E-01
1	1	7	8.119E-17	-2.998E-17	1.464E-17	6.261E+02	-2.890E+02	2.095E+02	8.309E-17	-3.187E-17	0.000E+00	6.718E+02	-3.347E+02	2.147E-01
1	1	8	9.318E-17	4.993E-17	8.606E-18	6.164E+02	-2.920E+02	2.026E+02	9.483E-17	4.828E-17	0.000E+00	6.595E+02	-3.352E+02	2.098E-01
1	1	9	-9.318E-17	-4.993E-17	-8.606E-18	7.178E+02	-3.370E+02	3.517E+02	-4.828E-17	-9.483E-17	1.571E+00	8.243E+02	-4.435E+02	2.941E-01
1	1	10	-8.119E-17	2.998E-17	-1.464E-17	7.080E+02	-3.400E+02	3.448E+02	3.187E-17	-8.309E-17	1.571E+00	8.113E+02	-4.432E+02	2.910E-01
1	1	11	-9.318E-17	-4.993E-17	-8.606E-18	8.156E+02	-2.353E+02	3.318E+02	-4.828E-17	-9.483E-17	1.571E+00	9.116E+02	-3.313E+02	2.816E-01
1	1	12	-8.119E-17	2.998E-17	-1.464E-17	8.059E+02	-2.383E+02	3.248E+02	3.187E-17	-8.309E-17	1.571E+00	8.987E+02	-3.311E+02	2.783E-01
1	1	13	8.119E-17	-2.998E-17	1.464E-17	7.101E+02	-3.365E+02	3.547E+02	8.309E-17	-3.187E-17	0.000E+00	8.190E+02	-4.454E+02	2.979E-01
1	1	14	9.318E-17	4.993E-17	8.606E-18	7.004E+02	-3.395E+02	3.478E+02	9.483E-17	4.828E-17	0.000E+00	8.060E+02	-4.451E+02	2.948E-01
1	1	15	8.119E-17	-2.998E-17	1.464E-17	8.080E+02	-2.348E+02	3.348E+02	8.309E-17	-3.187E-17	0.000E+00	9.062E+02	-3.331E+02	2.854E-01
1	1	16	9.318E-17	4.993E-17	8.606E-18	7.982E+02	-2.378E+02	3.279E+02	9.483E-17	4.828E-17	0.000E+00	8.933E+02	-3.329E+02	2.821E-01
1	2	1	-1.184E-16	-1.740E-17	6.185E-33	2.220E+02	-8.286E+02	5.786E+02	-1.740E-17	-1.184E-16	1.571E+00	4.782E+02	-1.085E+03	4.168E-01

1	2	2	-4.596E-17	-5.148E-18	2.499E-33	2.184E+02	-8.400E+02	5.736E+02	-5.148E-18	-4.596E-17	1.571E+00	4.696E+02	-1.091E+03	4.128E-01
1	2	3	-1.184E-16	-1.740E-17	6.185E-33	3.326E+02	-3.651E+02	4.738E+02	-1.740E-17	-1.184E-16	1.571E+00	5.721E+02	-6.047E+02	4.681E-01
1	2	4	-4.596E-17	-5.148E-18	2.499E-33	3.290E+02	-3.766E+02	4.688E+02	-5.148E-18	-4.596E-17	1.571E+00	5.629E+02	-6.105E+02	4.628E-01
1	2	5	4.596E-17	5.148E-18	-2.499E-33	2.150E+02	-8.336E+02	5.811E+02	4.596E-17	5.148E-18	0.000E+00	4.734E+02	-1.092E+03	4.184E-01
1	2	6	1.184E-16	1.740E-17	-6.185E-33	2.114E+02	-8.450E+02	5.761E+02	1.184E-16	1.740E-17	0.000E+00	4.648E+02	-1.098E+03	4.144E-01
1	2	7	4.596E-17	5.148E-18	-2.499E-33	3.255E+02	-3.701E+02	4.764E+02	4.596E-17	5.148E-18	0.000E+00	5.675E+02	-6.121E+02	4.701E-01
1	2	8	1.184E-16	1.740E-17	-6.185E-33	3.219E+02	-3.815E+02	4.713E+02	1.184E-16	1.740E-17	0.000E+00	5.583E+02	-6.179E+02	4.648E-01
1	2	9	-1.184E-16	-1.740E-17	6.185E-33	2.925E+02	-6.178E+02	6.701E+02	-1.740E-17	-1.184E-16	1.571E+00	6.474E+02	-9.727E+02	4.871E-01
1	2	10	-4.596E-17	-5.148E-18	2.499E-33	2.889E+02	-6.293E+02	6.650E+02	-5.148E-18	-4.596E-17	1.571E+00	6.379E+02	-9.783E+02	4.833E-01
1	2	11	-1.184E-16	-1.740E-17	6.185E-33	4.030E+02	-1.544E+02	5.653E+02	-1.740E-17	-1.184E-16	1.571E+00	7.546E+02	-5.060E+02	5.564E-01
1	2	12	-4.596E-17	-5.148E-18	2.499E-33	3.994E+02	-1.658E+02	5.603E+02	-5.148E-18	-4.596E-17	1.571E+00	7.443E+02	-5.107E+02	5.518E-01
1	2	13	4.596E-17	5.148E-18	-2.499E-33	2.855E+02	-6.228E+02	6.726E+02	4.596E-17	5.148E-18	0.000E+00	6.429E+02	-9.802E+02	4.885E-01
1	2	14	1.184E-16	1.740E-17	-6.185E-33	2.819E+02	-6.342E+02	6.676E+02	1.184E-16	1.740E-17	0.000E+00	6.334E+02	-9.858E+02	4.847E-01
1	2	15	4.596E-17	5.148E-18	-2.499E-33	3.960E+02	-1.593E+02	5.678E+02	4.596E-17	5.148E-18	0.000E+00	7.504E+02	-5.138E+02	5.580E-01
1	2	16	1.184E-16	1.740E-17	-6.185E-33	3.924E+02	-1.708E+02	5.628E+02	1.184E-16	1.740E-17	0.000E+00	7.401E+02	-5.185E+02	5.534E-01
1	3	1	-1.787E-17	-1.178E-16	-1.224E-32	8.718E+02	-1.656E+03	3.884E+02	-1.787E-17	-1.178E-16	0.000E+00	9.302E+02	-1.714E+03	1.491E-01
1	3	2	-6.654E-18	-3.716E-17	-3.735E-33	8.651E+02	-1.669E+03	3.800E+02	-6.654E-18	-3.716E-17	0.000E+00	9.208E+02	-1.725E+03	1.457E-01
1	3	3	-1.787E-17	-1.178E-16	-1.224E-32	9.949E+02	-8.418E+02	3.672E+02	-1.787E-17	-1.178E-16	0.000E+00	1.066E+03	-9.125E+02	1.902E-01
1	3	4	-6.654E-18	-3.716E-17	-3.735E-33	9.881E+02	-8.552E+02	3.589E+02	-6.654E-18	-3.716E-17	0.000E+00	1.056E+03	-9.226E+02	1.857E-01
1	3	5	6.654E-18	3.716E-17	3.735E-33	8.609E+02	-1.674E+03	3.946E+02	3.716E-17	6.654E-18	1.571E+00	9.209E+02	-1.734E+03	1.509E-01
1	3	6	1.787E-17	1.178E-16	1.224E-32	8.541E+02	-1.688E+03	3.863E+02	1.178E-16	1.787E-17	1.571E+00	9.115E+02	-1.745E+03	1.475E-01
1	3	7	6.654E-18	3.716E-17	3.735E-33	9.840E+02	-8.603E+02	3.735E+02	3.716E-17	6.654E-18	1.571E+00	1.057E+03	-9.330E+02	1.924E-01
1	3	8	1.787E-17	1.178E-16	1.224E-32	9.772E+02	-8.737E+02	3.651E+02	1.178E-16	1.787E-17	1.571E+00	1.047E+03	-9.431E+02	1.879E-01
1	3	9	-1.787E-17	-1.178E-16	-1.224E-32	1.003E+03	-1.401E+03	5.388E+02	-1.787E-17	-1.178E-16	0.000E+00	1.118E+03	-1.516E+03	2.108E-01
1	3	10	-6.654E-18	-3.716E-17	-3.735E-33	9.962E+02	-1.414E+03	5.305E+02	-6.654E-18	-3.716E-17	0.000E+00	1.108E+03	-1.526E+03	2.073E-01
1	3	11	-1.787E-17	-1.178E-16	-1.224E-32	1.126E+03	-5.866E+02	5.177E+02	-1.787E-17	-1.178E-16	0.000E+00	1.270E+03	-7.309E+02	2.719E-01
1	3	12	-6.654E-18	-3.716E-17	-3.735E-33	1.119E+03	-6.000E+02	5.094E+02	-6.654E-18	-3.716E-17	0.000E+00	1.259E+03	-7.396E+02	2.675E-01
1	3	13	6.654E-18	3.716E-17	3.735E-33	9.921E+02	-1.419E+03	5.451E+02	3.716E-17	6.654E-18	1.571E+00	1.110E+03	-1.537E+03	2.123E-01
1	3	14	1.787E-17	1.178E-16	1.224E-32	9.853E+02	-1.432E+03	5.367E+02	1.178E-16	1.787E-17	1.571E+00	1.099E+03	-1.546E+03	2.089E-01
1	3	15	6.654E-18	3.716E-17	3.735E-33	1.115E+03	-6.051E+02	5.240E+02	3.716E-17	6.654E-18	1.571E+00	1.262E+03	-7.521E+02	2.736E-01
1	3	16	1.787E-17	1.178E-16	1.224E-32	1.108E+03	-6.185E+02	5.156E+02	1.178E-16	1.787E-17	1.571E+00	1.251E+03	-7.608E+02	2.692E-01
1	4	1	-1.288E-16	-1.418E-17	-7.020E-33	1.204E+03	-1.296E+03	2.949E+01	-1.418E-17	-1.288E-16	1.571E+00	1.204E+03	-1.297E+03	1.179E-02
1	4	2	-4.015E-17	-3.774E-18	-2.227E-33	1.192E+03	-1.304E+03	1.970E+01	-3.774E-18	-4.015E-17	1.571E+00	1.192E+03	-1.304E+03	7.893E-03
1	4	3	-1.288E-16	-1.418E-17	-7.020E-33	1.311E+03	-8.296E+02	1.130E+01	-1.418E-17	-1.288E-16	1.571E+00	1.311E+03	-8.296E+02	5.277E-03
1	4	4	-4.015E-17	-3.774E-18	-2.227E-33	1.299E+03	-8.370E+02	1.504E+00	-3.774E-18	-4.015E-17	1.571E+00	1.299E+03	-8.370E+02	7.042E-04
1	4	5	4.015E-17	3.774E-18	2.227E-33	1.193E+03	-1.310E+03	3.236E+01	4.015E-17	3.774E-18	0.000E+00	1.193E+03	-1.311E+03	1.292E-02
1	4	6	1.288E-16	1.418E-17	7.020E-33	1.180E+03	-1.318E+03	2.256E+01	1.288E-16	1.418E-17	0.000E+00	1.181E+03	-1.318E+03	9.031E-03
1	4	7	4.015E-17	3.774E-18	2.227E-33	1.300E+03	-8.434E+02	1.416E+01	4.015E-17	3.774E-18	0.000E+00	1.300E+03	-8.435E+02	6.607E-03
1	4	8	1.288E-16	1.418E-17	7.020E-33	1.287E+03	-8.509E+02	4.369E+00	1.288E-16	1.418E-17	0.000E+00	1.287E+03	-8.509E+02	2.043E-03
1	4	9	-1.288E-16	-1.418E-17	-7.020E-33	1.436E+03	-1.153E+03	2.065E+02	-1.418E-17	-1.288E-16	1.571E+00	1.453E+03	-1.170E+03	7.909E-02
1	4	10	-4.015E-17	-3.774E-18	-2.227E-33	1.424E+03	-1.161E+03	1.967E+02	-3.774E-18	-4.015E-17	1.571E+00	1.439E+03	-1.175E+03	7.554E-02
1	4	11	-1.288E-16	-1.418E-17	-7.020E-33	1.543E+03	-6.863E+02	1.883E+02	-1.418E-17	-1.288E-16	1.571E+00	1.559E+03	-7.021E+02	8.368E-02
1	4	12	-4.015E-17	-3.774E-18	-2.227E-33	1.531E+03	-6.937E+02	1.785E+02	-3.774E-18	-4.015E-17	1.571E+00	1.545E+03	-7.080E+02	7.957E-02

1	4	13	4.015E-17	3.774E-18	2.227E-33	1.425E+03	-1.167E+03	2.094E+02	4.015E-17	3.774E-18	0.000E+00	1.442E+03	-1.184E+03	8.009E-02
1	4	14	1.288E-16	1.418E-17	7.020E-33	1.413E+03	-1.174E+03	1.996E+02	1.288E-16	1.418E-17	0.000E+00	1.428E+03	-1.190E+03	7.655E-02
1	4	15	4.015E-17	3.774E-18	2.227E-33	1.532E+03	-7.002E+02	1.912E+02	4.015E-17	3.774E-18	0.000E+00	1.548E+03	-7.165E+02	8.483E-02
1	4	16	1.288E-16	1.418E-17	7.020E-33	1.519E+03	-7.076E+02	1.814E+02	1.288E-16	1.418E-17	0.000E+00	1.534E+03	-7.223E+02	8.074E-02
2	1	1	-7.162E-17	1.051E-17	-8.784E-17	6.354E+02	-2.926E+03	6.206E+02	6.641E-17	-1.275E-16	1.571E+00	7.405E+02	-3.031E+03	1.677E-01
2	1	2	-7.058E-17	1.743E-17	-9.685E-17	6.270E+02	-2.948E+03	6.109E+02	7.981E-17	-1.330E-16	1.571E+00	7.285E+02	-3.049E+03	1.647E-01
2	1	3	-7.162E-17	1.051E-17	-8.784E-17	8.835E+02	-1.595E+03	6.013E+02	6.641E-17	-1.275E-16	1.571E+00	1.022E+03	-1.733E+03	2.259E-01
2	1	4	-7.058E-17	1.743E-17	-9.685E-17	8.750E+02	-1.617E+03	5.915E+02	7.981E-17	-1.330E-16	1.571E+00	1.008E+03	-1.750E+03	2.216E-01
2	1	5	7.058E-17	-1.743E-17	9.685E-17	6.237E+02	-2.939E+03	6.265E+02	1.330E-16	-7.981E-17	0.000E+00	7.306E+02	-3.046E+03	1.691E-01
2	1	6	7.162E-17	-1.051E-17	8.784E-17	6.152E+02	-2.961E+03	6.167E+02	1.275E-16	-6.641E-17	0.000E+00	7.185E+02	-3.065E+03	1.660E-01
2	1	7	7.058E-17	-1.743E-17	9.685E-17	8.717E+02	-1.608E+03	6.071E+02	1.330E-16	-7.981E-17	0.000E+00	1.012E+03	-1.749E+03	2.277E-01
2	1	8	7.162E-17	-1.051E-17	8.784E-17	8.633E+02	-1.630E+03	5.973E+02	1.275E-16	-6.641E-17	0.000E+00	9.990E+02	-1.766E+03	2.234E-01
2	1	9	-7.162E-17	1.051E-17	-8.784E-17	7.979E+02	-2.523E+03	7.974E+02	6.641E-17	-1.275E-16	1.571E+00	9.794E+02	-2.705E+03	2.238E-01
2	1	10	-7.058E-17	1.743E-17	-9.685E-17	7.894E+02	-2.545E+03	7.876E+02	7.981E-17	-1.330E-16	1.571E+00	9.660E+02	-2.722E+03	2.207E-01
2	1	11	-7.162E-17	1.051E-17	-8.784E-17	1.046E+03	-1.192E+03	7.780E+02	6.641E-17	-1.275E-16	1.571E+00	1.290E+03	-1.436E+03	3.038E-01
2	1	12	-7.058E-17	1.743E-17	-9.685E-17	1.037E+03	-1.214E+03	7.682E+02	7.981E-17	-1.330E-16	1.571E+00	1.275E+03	-1.451E+03	2.995E-01
2	1	13	7.058E-17	-1.743E-17	9.685E-17	7.861E+02	-2.537E+03	8.032E+02	1.330E-16	-7.981E-17	0.000E+00	9.701E+02	-2.721E+03	2.252E-01
2	1	14	7.162E-17	-1.051E-17	8.784E-17	7.776E+02	-2.558E+03	7.934E+02	1.275E-16	-6.641E-17	0.000E+00	9.567E+02	-2.737E+03	2.220E-01
2	1	15	7.058E-17	-1.743E-17	9.685E-17	1.034E+03	-1.205E+03	7.838E+02	1.330E-16	-7.981E-17	0.000E+00	1.281E+03	-1.452E+03	3.054E-01
2	1	16	7.162E-17	-1.051E-17	8.784E-17	1.026E+03	-1.227E+03	7.741E+02	1.275E-16	-6.641E-17	0.000E+00	1.266E+03	-1.467E+03	3.011E-01
2	2	1	-8.478E-17	5.339E-17	8.460E-33	6.646E+02	-3.458E+03	1.243E+03	5.339E-17	-8.478E-17	1.571E+00	1.010E+03	-3.804E+03	2.713E-01
2	2	2	-7.169E-17	4.764E-17	7.307E-33	6.638E+02	-3.494E+03	1.235E+03	4.764E-17	-7.169E-17	1.571E+00	1.003E+03	-3.833E+03	2.681E-01
2	2	3	-8.478E-17	5.339E-17	8.460E-33	6.677E+02	-1.268E+03	1.053E+03	5.339E-17	-8.478E-17	1.571E+00	1.130E+03	-1.731E+03	4.138E-01
2	2	4	-7.169E-17	4.764E-17	7.307E-33	6.669E+02	-1.304E+03	1.046E+03	4.764E-17	-7.169E-17	1.571E+00	1.119E+03	-1.755E+03	4.076E-01
2	2	5	7.169E-17	-4.764E-17	-7.307E-33	6.538E+02	-3.496E+03	1.247E+03	7.169E-17	-4.764E-17	0.000E+00	9.996E+02	-3.842E+03	2.705E-01
2	2	6	8.478E-17	-5.339E-17	-8.460E-33	6.530E+02	-3.531E+03	1.239E+03	8.478E-17	-5.339E-17	0.000E+00	9.925E+02	-3.871E+03	2.674E-01
2	2	7	7.169E-17	-4.764E-17	-7.307E-33	6.569E+02	-1.306E+03	1.057E+03	7.169E-17	-4.764E-17	0.000E+00	1.118E+03	-1.767E+03	4.113E-01
2	2	8	8.478E-17	-5.339E-17	-8.460E-33	6.561E+02	-1.341E+03	1.050E+03	8.478E-17	-5.339E-17	0.000E+00	1.106E+03	-1.792E+03	4.052E-01
2	2	9	-8.478E-17	5.339E-17	8.460E-33	6.969E+02	-2.792E+03	1.378E+03	5.339E-17	-8.478E-17	1.571E+00	1.176E+03	-3.271E+03	3.344E-01
2	2	10	-7.169E-17	4.764E-17	7.307E-33	6.961E+02	-2.827E+03	1.371E+03	4.764E-17	-7.169E-17	1.571E+00	1.167E+03	-3.298E+03	3.307E-01
2	2	11	-8.478E-17	5.339E-17	8.460E-33	7.001E+02	-6.016E+02	1.189E+03	5.339E-17	-8.478E-17	1.571E+00	1.405E+03	-1.306E+03	5.350E-01
2	2	12	-7.169E-17	4.764E-17	7.307E-33	6.993E+02	-6.370E+02	1.182E+03	4.764E-17	-7.169E-17	1.571E+00	1.389E+03	-1.326E+03	5.281E-01
2	2	13	7.169E-17	-4.764E-17	-7.307E-33	6.861E+02	-2.829E+03	1.382E+03	7.169E-17	-4.764E-17	0.000E+00	1.165E+03	-3.308E+03	3.332E-01
2	2	14	8.478E-17	-5.339E-17	-8.460E-33	6.853E+02	-2.865E+03	1.375E+03	8.478E-17	-5.339E-17	0.000E+00	1.156E+03	-3.335E+03	3.295E-01
2	2	15	7.169E-17	-4.764E-17	-7.307E-33	6.892E+02	-6.393E+02	1.193E+03	7.169E-17	-4.764E-17	0.000E+00	1.390E+03	-1.341E+03	5.314E-01
2	2	16	8.478E-17	-5.339E-17	-8.460E-33	6.884E+02	-6.748E+02	1.186E+03	8.478E-17	-5.339E-17	0.000E+00	1.374E+03	-1.361E+03	5.245E-01
2	3	1	9.859E-17	-1.009E-16	-2.443E-32	1.536E+03	-3.986E+03	9.865E+02	9.859E-17	-1.009E-16	0.000E+00	1.707E+03	-4.157E+03	1.716E-01
2	3	2	9.299E-17	-8.732E-17	-2.208E-32	1.531E+03	-4.027E+03	9.768E+02	9.299E-17	-8.732E-17	0.000E+00	1.698E+03	-4.193E+03	1.690E-01
2	3	3	9.859E-17	-1.009E-16	-2.443E-32	1.811E+03	-1.171E+03	8.470E+02	9.859E-17	-1.009E-16	0.000E+00	2.035E+03	-1.394E+03	2.584E-01
2	3	4	9.299E-17	-8.732E-17	-2.208E-32	1.806E+03	-1.211E+03	8.373E+02	9.299E-17	-8.732E-17	0.000E+00	2.023E+03	-1.428E+03	2.534E-01
2	3	5	-9.299E-17	8.732E-17	2.208E-32	1.510E+03	-4.065E+03	1.002E+03	8.732E-17	-9.299E-17	1.571E+00	1.685E+03	-4.239E+03	1.726E-01
2	3	6	-9.859E-17	1.009E-16	2.443E-32	1.506E+03	-4.105E+03	9.927E+02	1.009E-16	-9.859E-17	1.571E+00	1.676E+03	-4.275E+03	1.701E-01
2	3	7	-9.299E-17	8.732E-17	2.208E-32	1.785E+03	-1.249E+03	8.629E+02	8.732E-17	-9.299E-17	1.571E+00	2.013E+03	-1.477E+03	2.586E-01

2	3	8	-9.859E-17	1.009E-16	2.443E-32	1.781E+03	-1.289E+03	8.532E+02	1.009E-16	-9.859E-17	1.571E+00	2.002E+03	-1.510E+03	2.537E-01
2	3	9	9.859E-17	-1.009E-16	-2.443E-32	1.649E+03	-3.203E+03	1.163E+03	9.859E-17	-1.009E-16	0.000E+00	1.914E+03	-3.467E+03	2.235E-01
2	3	10	9.299E-17	-8.732E-17	-2.208E-32	1.645E+03	-3.243E+03	1.153E+03	9.299E-17	-8.732E-17	0.000E+00	1.903E+03	-3.501E+03	2.204E-01
2	3	11	9.859E-17	-1.009E-16	-2.443E-32	1.924E+03	-3.869E+02	1.023E+03	9.859E-17	-1.009E-16	0.000E+00	2.312E+03	-7.748E+02	3.624E-01
2	3	12	9.299E-17	-8.732E-17	-2.208E-32	1.920E+03	-4.271E+02	1.014E+03	9.299E-17	-8.732E-17	0.000E+00	2.297E+03	-8.042E+02	3.562E-01
2	3	13	-9.299E-17	8.732E-17	2.208E-32	1.624E+03	-3.281E+03	1.179E+03	8.732E-17	-9.299E-17	1.571E+00	1.892E+03	-3.549E+03	2.240E-01
2	3	14	-9.859E-17	1.009E-16	2.443E-32	1.619E+03	-3.321E+03	1.169E+03	1.009E-16	-9.859E-17	1.571E+00	1.882E+03	-3.584E+03	2.210E-01
2	3	15	-9.299E-17	8.732E-17	2.208E-32	1.899E+03	-4.650E+02	1.039E+03	8.732E-17	-9.299E-17	1.571E+00	2.290E+03	-8.569E+02	3.606E-01
2	3	16	-9.859E-17	1.009E-16	2.443E-32	1.894E+03	-5.051E+02	1.029E+03	1.009E-16	-9.859E-17	1.571E+00	2.275E+03	-8.863E+02	3.546E-01
2	4	1	-1.424E-16	1.104E-16	-1.548E-32	1.755E+03	-4.507E+03	-3.881E+02	1.104E-16	-1.424E-16	1.571E+00	1.779E+03	-4.531E+03	-6.165E-02
2	4	2	-1.285E-16	1.050E-16	-1.430E-32	1.745E+03	-4.543E+03	-4.025E+02	1.050E-16	-1.285E-16	1.571E+00	1.771E+03	-4.568E+03	-6.366E-02
2	4	3	-1.424E-16	1.104E-16	-1.548E-32	2.141E+03	-1.985E+03	-4.059E+02	1.104E-16	-1.424E-16	1.571E+00	2.181E+03	-2.025E+03	-9.712E-02
2	4	4	-1.285E-16	1.050E-16	-1.430E-32	2.131E+03	-2.021E+03	-4.203E+02	1.050E-16	-1.285E-16	1.571E+00	2.173E+03	-2.063E+03	-9.988E-02
2	4	5	1.285E-16	-1.050E-16	1.430E-32	1.732E+03	-4.573E+03	-3.800E+02	1.285E-16	-1.050E-16	0.000E+00	1.754E+03	-4.596E+03	-5.999E-02
2	4	6	1.424E-16	-1.104E-16	1.548E-32	1.721E+03	-4.609E+03	-3.944E+02	1.424E-16	-1.104E-16	0.000E+00	1.746E+03	-4.633E+03	-6.199E-02
2	4	7	1.285E-16	-1.050E-16	1.430E-32	2.118E+03	-2.051E+03	-3.979E+02	1.285E-16	-1.050E-16	0.000E+00	2.155E+03	-2.089E+03	-9.430E-02
2	4	8	1.424E-16	-1.104E-16	1.548E-32	2.108E+03	-2.087E+03	-4.123E+02	1.424E-16	-1.104E-16	0.000E+00	2.148E+03	-2.127E+03	-9.706E-02
2	4	9	-1.424E-16	1.104E-16	-1.548E-32	1.960E+03	-3.819E+03	-1.277E+02	1.104E-16	-1.424E-16	1.571E+00	1.962E+03	-3.822E+03	-2.208E-02
2	4	10	-1.285E-16	1.050E-16	-1.430E-32	1.950E+03	-3.855E+03	-1.421E+02	1.050E-16	-1.285E-16	1.571E+00	1.953E+03	-3.858E+03	-2.446E-02
2	4	11	-1.424E-16	1.104E-16	-1.548E-32	2.346E+03	-1.297E+03	-1.455E+02	1.104E-16	-1.424E-16	1.571E+00	2.352E+03	-1.303E+03	-3.986E-02
2	4	12	-1.285E-16	1.050E-16	-1.430E-32	2.336E+03	-1.333E+03	-1.599E+02	1.050E-16	-1.285E-16	1.571E+00	2.343E+03	-1.340E+03	-4.349E-02
2	4	13	1.285E-16	-1.050E-16	1.430E-32	1.936E+03	-3.885E+03	-1.196E+02	1.285E-16	-1.050E-16	0.000E+00	1.938E+03	-3.887E+03	-2.054E-02
2	4	14	1.424E-16	-1.104E-16	1.548E-32	1.926E+03	-3.920E+03	-1.340E+02	1.424E-16	-1.104E-16	0.000E+00	1.929E+03	-3.923E+03	-2.291E-02
2	4	15	1.285E-16	-1.050E-16	1.430E-32	2.322E+03	-1.363E+03	-1.375E+02	1.285E-16	-1.050E-16	0.000E+00	2.327E+03	-1.368E+03	-3.723E-02
2	4	16	1.424E-16	-1.104E-16	1.548E-32	2.312E+03	-1.398E+03	-1.519E+02	1.424E-16	-1.104E-16	0.000E+00	2.318E+03	-1.405E+03	-4.084E-02
3	1	1	4.905E-14	3.268E-13	-6.102E-14	1.429E+03	-5.083E+03	1.650E+03	3.396E-13	3.623E-14	1.571E+00	1.823E+03	-5.477E+03	2.345E-01
3	1	2	5.058E-14	3.370E-13	-6.290E-14	1.422E+03	-5.138E+03	1.643E+03	3.502E-13	3.738E-14	1.571E+00	1.810E+03	-5.526E+03	2.322E-01
3	1	3	-4.217E-14	-2.813E-13	5.097E-14	1.893E+03	-1.405E+03	1.303E+03	-3.176E-14	-2.917E-13	0.000E+00	2.346E+03	-1.858E+03	3.344E-01
3	1	4	-4.063E-14	-2.711E-13	4.909E-14	1.886E+03	-1.460E+03	1.296E+03	-3.061E-14	-2.811E-13	0.000E+00	2.329E+03	-1.903E+03	3.295E-01
3	1	5	5.286E-14	3.525E-13	-7.235E-14	1.402E+03	-5.139E+03	1.660E+03	3.691E-13	3.630E-14	1.571E+00	1.799E+03	-5.537E+03	2.349E-01
3	1	6	5.439E-14	3.628E-13	-7.424E-14	1.395E+03	-5.194E+03	1.653E+03	3.797E-13	3.745E-14	1.571E+00	1.786E+03	-5.585E+03	2.325E-01
3	1	7	-3.836E-14	-2.555E-13	3.963E-14	1.866E+03	-1.461E+03	1.313E+03	-3.135E-14	-2.626E-13	0.000E+00	2.322E+03	-1.917E+03	3.341E-01
3	1	8	-3.682E-14	-2.453E-13	3.775E-14	1.859E+03	-1.516E+03	1.306E+03	-3.020E-14	-2.519E-13	0.000E+00	2.305E+03	-1.962E+03	3.293E-01
3	1	9	1.807E-14	1.203E-13	-1.393E-14	1.587E+03	-4.057E+03	1.785E+03	1.222E-13	1.621E-14	1.571E+00	2.104E+03	-4.575E+03	2.820E-01
3	1	10	1.961E-14	1.306E-13	-1.582E-14	1.580E+03	-4.112E+03	1.777E+03	1.328E-13	1.740E-14	1.571E+00	2.089E+03	-4.621E+03	2.792E-01
3	1	11	-7.314E-14	-4.878E-13	9.806E-14	2.051E+03	-3.794E+02	1.438E+03	-5.112E-14	-5.098E-13	0.000E+00	2.719E+03	-1.047E+03	4.345E-01
3	1	12	-7.160E-14	-4.775E-13	9.617E-14	2.044E+03	-4.339E+02	1.430E+03	-4.997E-14	-4.992E-13	0.000E+00	2.697E+03	-1.087E+03	4.285E-01
3	1	13	2.188E-14	1.461E-13	-2.527E-14	1.560E+03	-4.114E+03	1.795E+03	1.510E-13	1.694E-14	1.571E+00	2.080E+03	-4.634E+03	2.821E-01
3	1	14	2.342E-14	1.563E-13	-2.715E-14	1.553E+03	-4.168E+03	1.788E+03	1.616E-13	1.808E-14	1.571E+00	2.065E+03	-4.681E+03	2.793E-01
3	1	15	-6.933E-14	-4.620E-13	8.672E-14	2.024E+03	-4.357E+02	1.448E+03	-5.103E-14	-4.803E-13	0.000E+00	2.694E+03	-1.106E+03	4.333E-01
3	1	16	-6.779E-14	-4.518E-13	8.484E-14	2.017E+03	-4.903E+02	1.441E+03	-4.989E-14	-4.697E-13	0.000E+00	2.673E+03	-1.146E+03	4.273E-01
3	2	1	-1.024E-13	2.105E-13	1.910E-29	5.480E+02	-2.914E+03	1.846E+03	2.105E-13	-1.024E-13	1.571E+00	1.348E+03	-3.713E+03	4.088E-01
3	2	2	-9.757E-14	2.089E-13	1.872E-29	5.612E+02	-2.952E+03	1.847E+03	2.089E-13	-9.757E-14	1.571E+00	1.354E+03	-3.745E+03	4.053E-01

3	2	3	-1.603E-14	-7.703E-14	-3.788E-30	-8.565E+01	-2.618E+02	1.105E+03	-1.603E-14	-7.703E-14	0.000E+00	9.349E+02	-1.282E+03	7.456E-01
3	2	4	-1.120E-14	-7.854E-14	-4.176E-30	-7.247E+01	-3.001E+02	1.106E+03	-1.120E-14	-7.854E-14	0.000E+00	9.258E+02	-1.298E+03	7.341E-01
3	2	5	-8.176E-14	2.102E-13	1.783E-29	5.593E+02	-3.001E+03	1.863E+03	2.102E-13	-8.176E-14	1.571E+00	1.356E+03	-3.798E+03	4.040E-01
3	2	6	-7.693E-14	2.087E-13	1.744E-29	5.725E+02	-3.040E+03	1.864E+03	2.087E-13	-7.693E-14	1.571E+00	1.362E+03	-3.829E+03	4.006E-01
3	2	7	4.616E-15	-7.724E-14	-5.065E-30	-7.433E+01	-3.496E+02	1.122E+03	4.616E-15	-7.724E-14	0.000E+00	9.182E+02	-1.342E+03	7.243E-01
3	2	8	9.444E-15	-7.875E-14	-5.453E-30	-6.115E+01	-3.879E+02	1.123E+03	9.444E-15	-7.875E-14	0.000E+00	9.102E+02	-1.359E+03	7.131E-01
3	2	9	-6.948E-14	9.602E-14	1.019E-29	3.018E+02	-2.153E+03	1.798E+03	9.602E-14	-6.948E-14	1.571E+00	1.252E+03	-3.103E+03	4.860E-01
3	2	10	-6.465E-14	9.451E-14	9.798E-30	3.150E+02	-2.191E+03	1.799E+03	9.451E-14	-6.465E-14	1.571E+00	1.255E+03	-3.131E+03	4.813E-01
3	2	11	1.689E-14	-1.915E-13	-1.271E-29	-3.318E+02	4.991E+02	1.057E+03	1.689E-14	-1.915E-13	0.000E+00	1.219E+03	-1.052E+03	9.726E-01
3	2	12	2.172E-14	-1.930E-13	-1.309E-29	-3.186E+02	4.608E+02	1.058E+03	2.172E-14	-1.930E-13	0.000E+00	1.199E+03	-1.057E+03	9.618E-01
3	2	13	-4.884E-14	9.581E-14	8.909E-30	3.131E+02	-2.241E+03	1.815E+03	9.581E-14	-4.884E-14	1.571E+00	1.255E+03	-3.183E+03	4.788E-01
3	2	14	-4.401E-14	9.430E-14	8.521E-30	3.263E+02	-2.279E+03	1.816E+03	9.430E-14	-4.401E-14	1.571E+00	1.259E+03	-3.211E+03	4.743E-01
3	2	15	3.753E-14	-1.917E-13	-1.398E-29	-3.205E+02	4.112E+02	1.074E+03	3.753E-14	-1.917E-13	0.000E+00	1.180E+03	-1.089E+03	9.496E-01
3	2	16	4.236E-14	-1.932E-13	-1.437E-29	-3.073E+02	3.729E+02	1.075E+03	4.236E-14	-1.932E-13	0.000E+00	1.160E+03	-1.095E+03	9.386E-01
3	3	1	4.717E-13	-1.010E-13	-6.977E-29	3.157E+03	-1.851E+03	2.608E+03	4.717E-13	-1.010E-13	0.000E+00	4.269E+03	-2.962E+03	4.029E-01
3	3	2	4.716E-13	-8.928E-14	-6.833E-29	3.168E+03	-1.924E+03	2.627E+03	4.716E-13	-8.928E-14	0.000E+00	4.280E+03	-3.036E+03	4.005E-01
3	3	3	-2.235E-13	-1.009E-13	1.538E-29	3.186E+03	2.991E+03	5.673E+02	-1.009E-13	-2.235E-13	1.571E+00	3.664E+03	2.513E+03	7.004E-01
3	3	4	-2.236E-13	-8.914E-14	1.683E-29	3.197E+03	2.918E+03	5.860E+02	-8.914E-14	-2.236E-13	1.571E+00	3.660E+03	2.455E+03	6.686E-01
3	3	5	4.779E-13	-6.345E-14	-6.593E-29	3.095E+03	-2.057E+03	2.665E+03	4.779E-13	-6.345E-14	0.000E+00	4.225E+03	-3.188E+03	4.012E-01
3	3	6	4.778E-13	-5.172E-14	-6.449E-29	3.105E+03	-2.131E+03	2.684E+03	4.778E-13	-5.172E-14	0.000E+00	4.236E+03	-3.262E+03	3.989E-01
3	3	7	-2.173E-13	-6.331E-14	1.922E-29	3.123E+03	2.785E+03	6.245E+02	-6.331E-14	-2.173E-13	1.571E+00	3.601E+03	2.307E+03	6.531E-01
3	3	8	-2.174E-13	-5.158E-14	2.067E-29	3.134E+03	2.711E+03	6.432E+02	-5.158E-14	-2.174E-13	1.571E+00	3.600E+03	2.246E+03	6.267E-01
3	3	9	2.157E-13	-9.134E-14	-3.796E-29	3.387E+03	-3.487E+02	2.220E+03	2.157E-13	-9.134E-14	0.000E+00	4.420E+03	-1.382E+03	4.357E-01
3	3	10	2.157E-13	-7.961E-14	-3.652E-29	3.397E+03	-4.223E+02	2.239E+03	2.157E-13	-7.961E-14	0.000E+00	4.430E+03	-1.455E+03	4.323E-01
3	3	11	-4.795E-13	-9.120E-14	4.719E-29	3.415E+03	4.493E+03	1.798E+02	-9.120E-14	-4.795E-13	1.571E+00	4.522E+03	3.386E+03	1.410E+00
3	3	12	-4.795E-13	-7.947E-14	4.863E-29	3.426E+03	4.420E+03	1.985E+02	-7.947E-14	-4.795E-13	1.571E+00	4.458E+03	3.388E+03	1.381E+00
3	3	13	2.219E-13	-5.378E-14	-3.412E-29	3.324E+03	-5.553E+02	2.278E+03	2.219E-13	-5.378E-14	0.000E+00	4.376E+03	-1.607E+03	4.327E-01
3	3	14	2.219E-13	-4.205E-14	-3.268E-29	3.334E+03	-6.288E+02	2.296E+03	2.219E-13	-4.205E-14	0.000E+00	4.386E+03	-1.680E+03	4.294E-01
3	3	15	-4.733E-13	-5.364E-14	5.103E-29	3.353E+03	4.287E+03	2.370E+02	-5.364E-14	-4.733E-13	1.571E+00	4.343E+03	3.296E+03	1.336E+00
3	3	16	-4.733E-13	-4.191E-14	5.247E-29	3.363E+03	4.213E+03	2.557E+02	-4.191E-14	-4.733E-13	1.571E+00	4.284E+03	3.292E+03	1.300E+00
3	4	1	-1.846E-13	8.241E-13	-6.168E-29	4.580E+03	-5.302E+03	-6.673E+02	8.241E-13	-1.846E-13	1.571E+00	4.625E+03	-5.347E+03	-6.712E-02
3	4	2	-1.641E-13	8.237E-13	-6.040E-29	4.576E+03	-5.408E+03	-6.858E+02	8.237E-13	-1.641E-13	1.571E+00	4.623E+03	-5.455E+03	-6.826E-02
3	4	3	-1.623E-13	-3.914E-13	1.411E-29	5.330E+03	1.779E+03	-8.345E+02	-1.623E-13	-3.914E-13	0.000E+00	5.516E+03	1.593E+03	-2.197E-01
3	4	4	-1.418E-13	-3.918E-13	1.540E-29	5.325E+03	1.673E+03	-8.529E+02	-1.418E-13	-3.918E-13	0.000E+00	5.515E+03	1.483E+03	-2.184E-01
3	4	5	-1.342E-13	8.266E-13	-5.874E-29	4.491E+03	-5.514E+03	-6.384E+02	8.266E-13	-1.342E-13	1.571E+00	4.531E+03	-5.554E+03	-6.347E-02
3	4	6	-1.136E-13	8.262E-13	-5.745E-29	4.486E+03	-5.620E+03	-6.568E+02	8.262E-13	-1.136E-13	1.571E+00	4.529E+03	-5.663E+03	-6.463E-02
3	4	7	-1.119E-13	-3.890E-13	1.706E-29	5.240E+03	1.567E+03	-8.055E+02	-1.119E-13	-3.890E-13	0.000E+00	5.409E+03	1.398E+03	-2.067E-01
3	4	8	-9.133E-14	-3.894E-13	1.834E-29	5.236E+03	1.461E+03	-8.240E+02	-9.133E-14	-3.894E-13	0.000E+00	5.408E+03	1.289E+03	-2.058E-01
3	4	9	-1.579E-13	3.930E-13	-3.382E-29	4.827E+03	-3.214E+03	-3.339E+02	3.930E-13	-1.579E-13	1.571E+00	4.841E+03	-3.228E+03	-4.142E-02
3	4	10	-1.374E-13	3.926E-13	-3.254E-29	4.823E+03	-3.321E+03	-3.523E+02	3.926E-13	-1.374E-13	1.571E+00	4.838E+03	-3.336E+03	-4.315E-02
3	4	11	-1.356E-13	-8.225E-13	4.197E-29	5.577E+03	3.867E+03	-5.010E+02	-1.356E-13	-8.225E-13	0.000E+00	5.713E+03	3.731E+03	-2.650E-01
3	4	12	-1.151E-13	-8.229E-13	4.325E-29	5.572E+03	3.760E+03	-5.194E+02	-1.151E-13	-8.229E-13	0.000E+00	5.710E+03	3.622E+03	-2.603E-01
3	4	13	-1.074E-13	3.955E-13	-3.088E-29	4.737E+03	-3.426E+03	-3.049E+02	3.955E-13	-1.074E-13	1.571E+00	4.749E+03	-3.438E+03	-3.728E-02

3	4	14	-8.687E-14	3.950E-13	-2.960E-29	4.733E+03	-3.533E+03	-3.234E+02	3.950E-13	-8.687E-14	1.571E+00	4.746E+03	-3.546E+03	-3.904E-02
3	4	15	-8.510E-14	-8.201E-13	4.491E-29	5.487E+03	3.655E+03	-4.720E+02	-8.510E-14	-8.201E-13	0.000E+00	5.601E+03	3.540E+03	-2.379E-01
3	4	16	-6.457E-14	-8.205E-13	4.620E-29	5.483E+03	3.548E+03	-4.905E+02	-6.457E-14	-8.205E-13	0.000E+00	5.600E+03	3.431E+03	-2.346E-01
4	1	1	-1.564E-13	-9.377E-13	-3.698E-14	3.897E+03	7.376E+02	2.681E+03	-1.547E-13	-9.394E-13	0.000E+00	5.429E+03	-7.945E+02	5.192E-01
4	1	2	-1.611E-13	-9.674E-13	-3.949E-14	3.918E+03	7.223E+02	2.717E+03	-1.591E-13	-9.693E-13	0.000E+00	5.472E+03	-8.317E+02	5.196E-01
4	1	3	1.120E-13	8.053E-13	1.070E-13	3.178E+03	1.055E+03	-2.335E+02	8.214E-13	9.585E-14	1.571E+00	3.203E+03	1.030E+03	-1.083E-01
4	1	4	1.074E-13	7.755E-13	1.045E-13	3.198E+03	1.040E+03	-1.978E+02	7.915E-13	9.138E-14	1.571E+00	3.216E+03	1.022E+03	-9.063E-02
4	1	5	-1.421E-13	-9.979E-13	-1.972E-14	3.860E+03	6.983E+02	2.787E+03	-1.416E-13	-9.983E-13	0.000E+00	5.483E+03	-9.247E+02	5.274E-01
4	1	6	-1.467E-13	-1.028E-12	-2.223E-14	3.880E+03	6.830E+02	2.822E+03	-1.462E-13	-1.028E-12	0.000E+00	5.525E+03	-9.619E+02	5.277E-01
4	1	7	1.263E-13	7.451E-13	1.243E-13	3.140E+03	1.016E+03	-1.280E+02	7.691E-13	1.023E-13	1.571E+00	3.148E+03	1.008E+03	-5.997E-02
4	1	8	1.217E-13	7.153E-13	1.218E-13	3.161E+03	1.001E+03	-9.227E+01	7.393E-13	9.768E-14	1.571E+00	3.165E+03	9.966E+02	-4.261E-02
4	1	9	-6.961E-14	-3.587E-13	-9.502E-14	3.523E+03	1.045E+03	1.946E+03	-4.118E-14	-3.871E-13	0.000E+00	4.591E+03	-2.242E+01	5.018E-01
4	1	10	-7.426E-14	-3.884E-13	-9.753E-14	3.544E+03	1.030E+03	1.981E+03	-4.645E-14	-4.162E-13	0.000E+00	4.633E+03	-5.949E+01	5.027E-01
4	1	11	1.988E-13	1.384E-12	4.901E-14	2.804E+03	1.363E+03	-9.691E+02	1.386E-12	1.968E-13	1.571E+00	3.291E+03	8.755E+02	-4.657E-01
4	1	12	1.942E-13	1.354E-12	4.650E-14	2.824E+03	1.347E+03	-9.334E+02	1.356E-12	1.923E-13	1.571E+00	3.276E+03	8.956E+02	-4.507E-01
4	1	13	-5.527E-14	-4.189E-13	-7.776E-14	3.486E+03	1.006E+03	2.051E+03	-3.934E-14	-4.348E-13	0.000E+00	4.642E+03	-1.510E+02	5.135E-01
4	1	14	-5.992E-14	-4.486E-13	-8.026E-14	3.506E+03	9.906E+02	2.087E+03	-4.400E-14	-4.646E-13	0.000E+00	4.685E+03	-1.881E+02	5.142E-01
4	1	15	2.132E-13	1.324E-12	6.627E-14	2.766E+03	1.323E+03	-8.636E+02	1.328E-12	2.092E-13	1.571E+00	3.170E+03	9.194E+02	-4.374E-01
4	1	16	2.085E-13	1.294E-12	6.376E-14	2.787E+03	1.308E+03	-8.278E+02	1.298E-12	2.048E-13	1.571E+00	3.157E+03	9.375E+02	-4.209E-01
4	2	1	-1.820E-13	1.099E-13	1.774E-29	-1.376E+03	-1.640E+03	9.266E+02	1.099E-13	-1.820E-13	1.571E+00	-5.721E+02	-2.444E+03	7.145E-01
4	2	2	-1.803E-13	1.056E-13	1.737E-29	-1.390E+03	-1.670E+03	9.166E+02	1.056E-13	-1.803E-13	1.571E+00	-6.031E+02	-2.458E+03	7.097E-01
4	2	3	6.404E-14	-2.355E-15	-4.204E-30	-2.502E+02	5.204E+02	-6.029E+02	6.404E-14	-2.355E-15	0.000E+00	8.506E+02	-5.804E+02	2.072E+00
4	2	4	6.579E-14	-6.649E-15	-4.574E-30	-2.649E+02	4.905E+02	-6.129E+02	6.579E-14	-6.649E-15	0.000E+00	8.327E+02	-6.071E+02	2.080E+00
4	2	5	-1.711E-13	1.084E-13	1.697E-29	-1.419E+03	-1.743E+03	8.856E+02	1.084E-13	-1.711E-13	1.571E+00	-6.804E+02	-2.481E+03	6.949E-01
4	2	6	-1.693E-13	1.041E-13	1.660E-29	-1.433E+03	-1.773E+03	8.757E+02	1.041E-13	-1.693E-13	1.571E+00	-7.111E+02	-2.495E+03	6.897E-01
4	2	7	7.501E-14	-3.854E-15	-4.967E-30	-2.932E+02	4.181E+02	-6.438E+02	7.501E-14	-3.854E-15	0.000E+00	7.979E+02	-6.731E+02	2.104E+00
4	2	8	7.676E-14	-8.148E-15	-5.338E-30	-3.079E+02	3.881E+02	-6.538E+02	7.676E-14	-8.148E-15	0.000E+00	7.808E+02	-7.005E+02	2.112E+00
4	2	9	-1.003E-13	5.739E-14	9.795E-30	-1.075E+03	-1.007E+03	1.130E+03	5.739E-14	-1.003E-13	1.571E+00	8.926E+01	-2.171E+03	8.003E-01
4	2	10	-9.856E-14	5.309E-14	9.425E-30	-1.089E+03	-1.037E+03	1.120E+03	5.309E-14	-9.856E-14	1.571E+00	5.681E+01	-2.183E+03	7.970E-01
4	2	11	1.458E-13	-5.487E-14	-1.215E-29	5.086E+01	1.154E+03	-3.997E+02	1.458E-13	-5.487E-14	0.000E+00	1.283E+03	-7.879E+01	1.884E+00
4	2	12	1.475E-13	-5.917E-14	-1.252E-29	3.622E+01	1.124E+03	-4.097E+02	1.475E-13	-5.917E-14	0.000E+00	1.261E+03	-1.009E+02	1.894E+00
4	2	13	-8.935E-14	5.589E-14	9.031E-30	-1.118E+03	-1.110E+03	1.089E+03	5.589E-14	-8.935E-14	1.571E+00	-2.486E+01	-2.202E+03	7.872E-01
4	2	14	-8.760E-14	5.159E-14	8.661E-30	-1.132E+03	-1.140E+03	1.079E+03	5.159E-14	-8.760E-14	1.571E+00	-5.711E+01	-2.215E+03	7.837E-01
4	2	15	1.567E-13	-5.637E-14	-1.291E-29	7.897E+00	1.051E+03	-4.407E+02	1.567E-13	-5.637E-14	0.000E+00	1.212E+03	-1.533E+02	1.922E+00
4	2	16	1.585E-13	-6.067E-14	-1.328E-29	-6.747E+00	1.021E+03	-4.506E+02	1.585E-13	-6.067E-14	0.000E+00	1.191E+03	-1.763E+02	1.931E+00
4	3	1	7.833E-14	-1.164E-12	-1.528E-28	4.284E+03	1.484E+03	1.786E+02	7.833E-14	-1.164E-12	0.000E+00	4.296E+03	1.472E+03	6.342E-02
4	3	2	4.798E-14	-1.168E-12	-1.495E-28	4.318E+03	1.503E+03	1.924E+02	4.798E-14	-1.168E-12	0.000E+00	4.331E+03	1.490E+03	6.792E-02
4	3	3	3.102E-13	6.117E-13	3.630E-29	3.157E+03	6.476E+02	-1.428E+03	6.117E-13	3.102E-13	1.571E+00	3.803E+03	1.663E+00	-4.249E-01
4	3	4	2.799E-13	6.077E-13	3.953E-29	3.191E+03	6.665E+02	-1.414E+03	6.077E-13	2.799E-13	1.571E+00	3.824E+03	3.342E+01	-4.210E-01
4	3	5	2.326E-14	-1.167E-12	-1.464E-28	4.275E+03	1.536E+03	2.485E+02	2.326E-14	-1.167E-12	0.000E+00	4.297E+03	1.514E+03	8.977E-02
4	3	6	-7.091E-15	-1.171E-12	-1.432E-28	4.309E+03	1.555E+03	2.623E+02	-7.091E-15	-1.171E-12	0.000E+00	4.333E+03	1.530E+03	9.415E-02
4	3	7	2.551E-13	6.088E-13	4.269E-29	3.148E+03	7.001E+02	-1.358E+03	6.088E-13	2.551E-13	1.571E+00	3.752E+03	9.595E+01	-4.186E-01
4	3	8	2.248E-13	6.048E-13	4.593E-29	3.182E+03	7.190E+02	-1.344E+03	6.048E-13	2.248E-13	1.571E+00	3.773E+03	1.275E+02	-4.146E-01

4	3	9	1.367E-13	-5.569E-13	-8.434E-29	3.674E+03	1.100E+03	-1.471E+02	1.367E-13	-5.569E-13	0.000E+00	3.682E+03	1.091E+03	-5.687E-02
4	3	10	1.064E-13	-5.609E-13	-8.110E-29	3.708E+03	1.118E+03	-1.332E+02	1.064E-13	-5.609E-13	0.000E+00	3.715E+03	1.112E+03	-5.128E-02
4	3	11	3.686E-13	1.219E-12	1.047E-28	2.547E+03	2.633E+02	-1.753E+03	1.219E-12	3.686E-13	1.571E+00	3.498E+03	-6.872E+02	-4.968E-01
4	3	12	3.383E-13	1.215E-12	1.080E-28	2.581E+03	2.822E+02	-1.740E+03	1.215E-12	3.383E-13	1.571E+00	3.516E+03	-6.534E+02	-4.935E-01
4	3	13	8.167E-14	-5.598E-13	-7.794E-29	3.664E+03	1.152E+03	-7.712E+01	8.167E-14	-5.598E-13	0.000E+00	3.667E+03	1.150E+03	-3.066E-02
4	3	14	5.133E-14	-5.638E-13	-7.471E-29	3.698E+03	1.171E+03	-6.330E+01	5.133E-14	-5.638E-13	0.000E+00	3.700E+03	1.169E+03	-2.503E-02
4	3	15	3.136E-13	1.216E-12	1.111E-28	2.538E+03	3.158E+02	-1.683E+03	1.216E-12	3.136E-13	1.571E+00	3.444E+03	-5.903E+02	-4.938E-01
4	3	16	2.832E-13	1.212E-12	1.144E-28	2.571E+03	3.347E+02	-1.670E+03	1.212E-12	2.832E-13	1.571E+00	3.462E+03	-5.566E+02	-4.903E-01
4	4	1	-2.306E-12	1.909E-13	-1.544E-28	9.571E+03	4.162E+03	2.146E+02	1.909E-13	-2.306E-12	1.571E+00	9.580E+03	4.153E+03	3.959E-02
4	4	2	-2.312E-12	1.317E-13	-1.512E-28	9.641E+03	4.196E+03	2.007E+02	1.317E-13	-2.312E-12	1.571E+00	9.648E+03	4.189E+03	3.680E-02
4	4	3	1.177E-12	5.937E-13	3.419E-29	6.592E+03	1.407E+03	-6.069E+02	1.177E-12	5.937E-13	0.000E+00	6.662E+03	1.337E+03	-1.150E-01
4	4	4	1.170E-12	5.345E-13	3.740E-29	6.661E+03	1.441E+03	-6.208E+02	1.170E-12	5.345E-13	0.000E+00	6.734E+03	1.369E+03	-1.168E-01
4	4	5	-2.296E-12	6.766E-14	-1.462E-28	9.567E+03	4.280E+03	2.125E+02	6.766E-14	-2.296E-12	1.571E+00	9.576E+03	4.271E+03	4.010E-02
4	4	6	-2.302E-12	8.392E-15	-1.430E-28	9.637E+03	4.314E+03	1.986E+02	8.392E-15	-2.302E-12	1.571E+00	9.644E+03	4.307E+03	3.724E-02
4	4	7	1.187E-12	4.705E-13	4.235E-29	6.588E+03	1.524E+03	-6.091E+02	1.187E-12	4.705E-13	0.000E+00	6.660E+03	1.452E+03	-1.180E-01
4	4	8	1.180E-12	4.112E-13	4.556E-29	6.657E+03	1.559E+03	-6.230E+02	1.180E-12	4.112E-13	0.000E+00	6.732E+03	1.484E+03	-1.198E-01
4	4	9	-1.099E-12	3.000E-13	-8.413E-29	8.314E+03	3.434E+03	4.710E+02	3.000E-13	-1.099E-12	1.571E+00	8.360E+03	3.389E+03	9.534E-02
4	4	10	-1.106E-12	2.407E-13	-8.092E-29	8.384E+03	3.469E+03	4.571E+02	2.407E-13	-1.106E-12	1.571E+00	8.426E+03	3.426E+03	9.195E-02
4	4	11	2.384E-12	7.028E-13	1.044E-28	5.335E+03	6.790E+02	-3.505E+02	2.384E-12	7.028E-13	0.000E+00	5.361E+03	6.528E+02	-7.473E-02
4	4	12	2.377E-12	6.435E-13	1.076E-28	5.404E+03	7.135E+02	-3.644E+02	2.377E-12	6.435E-13	0.000E+00	5.432E+03	6.854E+02	-7.708E-02
4	4	13	-1.089E-12	1.767E-13	-7.597E-29	8.310E+03	3.552E+03	4.689E+02	1.767E-13	-1.089E-12	1.571E+00	8.356E+03	3.506E+03	9.728E-02
4	4	14	-1.096E-12	1.174E-13	-7.276E-29	8.380E+03	3.586E+03	4.550E+02	1.174E-13	-1.096E-12	1.571E+00	8.422E+03	3.543E+03	9.380E-02
4	4	15	2.394E-12	5.795E-13	1.126E-28	5.331E+03	7.966E+02	-3.527E+02	2.394E-12	5.795E-13	0.000E+00	5.358E+03	7.693E+02	-7.716E-02
4	4	16	2.387E-12	5.203E-13	1.158E-28	5.400E+03	8.311E+02	-3.666E+02	2.387E-12	5.203E-13	0.000E+00	5.429E+03	8.019E+02	-7.955E-02
5	1	1	-1.690E-17	-2.364E-17	-3.018E-17	2.102E+02	-2.313E+02	-3.710E+02	1.009E-17	-5.064E-17	0.000E+00	4.212E+02	-4.423E+02	-5.170E-01
5	1	2	-1.027E-17	2.058E-17	-3.679E-18	2.029E+02	-2.331E+02	-3.837E+02	2.102E-17	-1.070E-17	1.571E+00	4.262E+02	-4.564E+02	-5.271E-01
5	1	3	-1.690E-17	-2.364E-17	-3.018E-17	1.431E+02	-1.294E+02	-4.401E+02	1.009E-17	-5.064E-17	0.000E+00	4.676E+02	-4.539E+02	-6.353E-01
5	1	4	-1.027E-17	2.058E-17	-3.679E-18	1.358E+02	-1.312E+02	-4.528E+02	2.102E-17	-1.070E-17	1.571E+00	4.744E+02	-4.698E+02	-6.421E-01
5	1	5	1.027E-17	-2.058E-17	3.679E-18	2.301E+02	-2.393E+02	-3.746E+02	1.070E-17	-2.102E-17	0.000E+00	4.374E+02	-4.467E+02	-5.055E-01
5	1	6	1.690E-17	2.364E-17	3.018E-17	2.227E+02	-2.411E+02	-3.873E+02	5.064E-17	-1.009E-17	1.571E+00	4.422E+02	-4.606E+02	-5.156E-01
5	1	7	1.027E-17	-2.058E-17	3.679E-18	1.630E+02	-1.374E+02	-4.437E+02	1.070E-17	-2.102E-17	0.000E+00	4.812E+02	-4.556E+02	-6.222E-01
5	1	8	1.690E-17	2.364E-17	3.018E-17	1.557E+02	-1.392E+02	-4.564E+02	5.064E-17	-1.009E-17	1.571E+00	4.879E+02	-4.714E+02	-6.292E-01
5	1	9	-1.690E-17	-2.364E-17	-3.018E-17	3.466E+02	-1.915E+02	-1.398E+02	1.009E-17	-5.064E-17	0.000E+00	3.807E+02	-2.257E+02	-2.395E-01
5	1	10	-1.027E-17	2.058E-17	-3.679E-18	3.393E+02	-1.933E+02	-1.525E+02	2.102E-17	-1.070E-17	1.571E+00	3.798E+02	-2.339E+02	-2.600E-01
5	1	11	-1.690E-17	-2.364E-17	-3.018E-17	2.795E+02	-8.959E+01	-2.089E+02	1.009E-17	-5.064E-17	0.000E+00	3.737E+02	-1.838E+02	-4.236E-01
5	1	12	-1.027E-17	2.058E-17	-3.679E-18	2.722E+02	-9.138E+01	-2.216E+02	2.102E-17	-1.070E-17	1.571E+00	3.770E+02	-1.962E+02	-4.419E-01
5	1	13	1.027E-17	-2.058E-17	3.679E-18	3.665E+02	-1.995E+02	-1.433E+02	1.070E-17	-2.102E-17	0.000E+00	4.007E+02	-2.338E+02	-2.344E-01
5	1	14	1.690E-17	2.364E-17	3.018E-17	3.591E+02	-2.013E+02	-1.560E+02	5.064E-17	-1.009E-17	1.571E+00	3.996E+02	-2.418E+02	-2.540E-01
5	1	15	1.027E-17	-2.058E-17	3.679E-18	2.994E+02	-9.762E+01	-2.124E+02	1.070E-17	-2.102E-17	0.000E+00	3.916E+02	-1.899E+02	-4.096E-01
5	1	16	1.690E-17	2.364E-17	3.018E-17	2.921E+02	-9.940E+01	-2.251E+02	5.064E-17	-1.009E-17	1.571E+00	3.947E+02	-2.020E+02	-4.276E-01
5	2	1	-7.209E-17	1.198E-17	5.147E-33	6.013E+02	-1.423E+03	4.997E+01	1.198E-17	-7.209E-17	1.571E+00	6.025E+02	-1.424E+03	2.467E-02
5	2	2	2.342E-17	7.558E-18	-9.712E-34	5.891E+02	-1.430E+03	3.880E+01	2.342E-17	7.558E-18	0.000E+00	5.899E+02	-1.430E+03	1.921E-02
5	2	3	-7.209E-17	1.198E-17	5.147E-33	7.949E+02	-9.842E+02	-2.116E+01	1.198E-17	-7.209E-17	1.571E+00	7.951E+02	-9.845E+02	-1.189E-02

5	2	4	2.342E-17	7.558E-18	-9.712E-34	7.827E+02	-9.909E+02	-3.233E+01	2.342E-17	7.558E-18	0.000E+00	7.833E+02	-9.914E+02	-1.822E-02
5	2	5	-2.342E-17	-7.558E-18	9.712E-34	6.239E+02	-1.432E+03	5.174E+01	-7.558E-18	-2.342E-17	1.571E+00	6.252E+02	-1.433E+03	2.515E-02
5	2	6	7.209E-17	-1.198E-17	-5.147E-33	6.117E+02	-1.438E+03	4.056E+01	7.209E-17	-1.198E-17	0.000E+00	6.125E+02	-1.439E+03	1.978E-02
5	2	7	-2.342E-17	-7.558E-18	9.712E-34	8.174E+02	-9.927E+02	-1.939E+01	-7.558E-18	-2.342E-17	1.571E+00	8.177E+02	-9.929E+02	-1.071E-02
5	2	8	7.209E-17	-1.198E-17	-5.147E-33	8.053E+02	-9.994E+02	-3.056E+01	7.209E-17	-1.198E-17	0.000E+00	8.058E+02	-9.999E+02	-1.693E-02
5	2	9	-7.209E-17	1.198E-17	5.147E-33	8.240E+02	-1.298E+03	2.520E+02	1.198E-17	-7.209E-17	1.571E+00	8.535E+02	-1.328E+03	1.166E-01
5	2	10	2.342E-17	7.558E-18	-9.712E-34	8.119E+02	-1.305E+03	2.408E+02	2.342E-17	7.558E-18	0.000E+00	8.389E+02	-1.332E+03	1.119E-01
5	2	11	-7.209E-17	1.198E-17	5.147E-33	1.018E+03	-8.593E+02	1.809E+02	1.198E-17	-7.209E-17	1.571E+00	1.035E+03	-8.766E+02	9.520E-02
5	2	12	2.342E-17	7.558E-18	-9.712E-34	1.005E+03	-8.659E+02	1.697E+02	2.342E-17	7.558E-18	0.000E+00	1.021E+03	-8.812E+02	8.971E-02
5	2	13	-2.342E-17	-7.558E-18	9.712E-34	8.466E+02	-1.307E+03	2.538E+02	-7.558E-18	-2.342E-17	1.571E+00	8.761E+02	-1.336E+03	1.157E-01
5	2	14	7.209E-17	-1.198E-17	-5.147E-33	8.344E+02	-1.313E+03	2.426E+02	7.209E-17	-1.198E-17	0.000E+00	8.615E+02	-1.340E+03	1.111E-01
5	2	15	-2.342E-17	-7.558E-18	9.712E-34	1.040E+03	-8.678E+02	1.826E+02	-7.558E-18	-2.342E-17	1.571E+00	1.057E+03	-8.851E+02	9.458E-02
5	2	16	7.209E-17	-1.198E-17	-5.147E-33	1.028E+03	-8.744E+02	1.715E+02	7.209E-17	-1.198E-17	0.000E+00	1.043E+03	-8.897E+02	8.917E-02
5	3	1	1.517E-17	-5.461E-17	-8.545E-33	4.461E+01	-1.701E+03	-5.624E+02	1.517E-17	-5.461E-17	0.000E+00	2.101E+02	-1.867E+03	-2.862E-01
5	3	2	5.975E-18	5.438E-18	-6.585E-35	3.858E+01	-1.706E+03	-5.771E+02	5.975E-18	5.438E-18	0.000E+00	2.122E+02	-1.880E+03	-2.922E-01
5	3	3	1.517E-17	-5.461E-17	-8.545E-33	5.035E+01	-8.742E+02	-6.334E+02	1.517E-17	-5.461E-17	0.000E+00	3.722E+02	-1.196E+03	-4.702E-01
5	3	4	5.975E-18	5.438E-18	-6.585E-35	4.431E+01	-8.791E+02	-6.480E+02	5.975E-18	5.438E-18	0.000E+00	3.783E+02	-1.213E+03	-4.759E-01
5	3	5	-5.975E-18	-5.438E-18	6.585E-35	7.332E+01	-1.700E+03	-5.697E+02	-5.438E-18	-5.975E-18	1.571E+00	2.406E+02	-1.867E+03	-2.856E-01
5	3	6	-1.517E-17	5.461E-17	8.545E-33	6.729E+01	-1.705E+03	-5.843E+02	5.461E-17	-1.517E-17	1.571E+00	2.426E+02	-1.880E+03	-2.915E-01
5	3	7	-5.975E-18	-5.438E-18	6.585E-35	7.905E+01	-8.726E+02	-6.407E+02	-5.438E-18	-5.975E-18	1.571E+00	4.013E+02	-1.195E+03	-4.660E-01
5	3	8	-1.517E-17	5.461E-17	8.545E-33	7.302E+01	-8.776E+02	-6.553E+02	5.461E-17	-1.517E-17	1.571E+00	4.072E+02	-1.212E+03	-4.716E-01
5	3	9	1.517E-17	-5.461E-17	-8.545E-33	1.672E+02	-1.611E+03	-2.942E+02	1.517E-17	-5.461E-17	0.000E+00	2.146E+02	-1.658E+03	-1.598E-01
5	3	10	5.975E-18	5.438E-18	-6.585E-35	1.611E+02	-1.616E+03	-3.089E+02	5.975E-18	5.438E-18	0.000E+00	2.133E+02	-1.668E+03	-1.673E-01
5	3	11	1.517E-17	-5.461E-17	-8.545E-33	1.729E+02	-7.834E+02	-3.652E+02	1.517E-17	-5.461E-17	0.000E+00	2.964E+02	-9.069E+02	-3.261E-01
5	3	12	5.975E-18	5.438E-18	-6.585E-35	1.669E+02	-7.884E+02	-3.798E+02	5.975E-18	5.438E-18	0.000E+00	2.995E+02	-9.210E+02	-3.359E-01
5	3	13	-5.975E-18	-5.438E-18	6.585E-35	1.959E+02	-1.609E+03	-3.015E+02	-5.438E-18	-5.975E-18	1.571E+00	2.449E+02	-1.658E+03	-1.612E-01
5	3	14	-1.517E-17	5.461E-17	8.545E-33	1.899E+02	-1.614E+03	-3.162E+02	5.461E-17	-1.517E-17	1.571E+00	2.437E+02	-1.668E+03	-1.686E-01
5	3	15	-5.975E-18	-5.438E-18	6.585E-35	2.016E+02	-7.819E+02	-3.725E+02	-5.438E-18	-5.975E-18	1.571E+00	3.268E+02	-9.070E+02	-3.241E-01
5	3	16	-1.517E-17	5.461E-17	8.545E-33	1.956E+02	-7.869E+02	-3.871E+02	5.461E-17	-1.517E-17	1.571E+00	3.298E+02	-9.211E+02	-3.337E-01
5	4	1	-4.245E-17	2.257E-17	-3.981E-33	-2.829E+02	-6.662E+02	5.336E+01	2.257E-17	-4.245E-17	1.571E+00	-2.756E+02	-6.735E+02	1.358E-01
5	4	2	-9.073E-18	-1.761E-19	-5.448E-34	-2.840E+02	-6.676E+02	3.980E+01	-1.761E-19	-9.073E-18	1.571E+00	-2.799E+02	-6.716E+02	1.023E-01
5	4	3	-4.245E-17	2.257E-17	-3.981E-33	-5.386E+02	-1.682E+02	3.425E+01	2.257E-17	-4.245E-17	1.571E+00	-1.650E+02	-5.417E+02	1.479E+00
5	4	4	-9.073E-18	-1.761E-19	-5.448E-34	-5.396E+02	-1.695E+02	2.070E+01	-1.761E-19	-9.073E-18	1.571E+00	-1.684E+02	-5.408E+02	1.515E+00
5	4	5	9.073E-18	1.761E-19	5.448E-34	-2.571E+02	-6.625E+02	4.528E+01	9.073E-18	1.761E-19	0.000E+00	-2.521E+02	-6.675E+02	1.099E-01
5	4	6	4.245E-17	-2.257E-17	3.981E-33	-2.581E+02	-6.638E+02	3.172E+01	4.245E-17	-2.257E-17	0.000E+00	-2.557E+02	-6.663E+02	7.755E-02
5	4	7	9.073E-18	1.761E-19	5.448E-34	-5.127E+02	-1.645E+02	2.617E+01	9.073E-18	1.761E-19	0.000E+00	-1.625E+02	-5.147E+02	1.496E+00
5	4	8	4.245E-17	-2.257E-17	3.981E-33	-5.138E+02	-1.658E+02	1.261E+01	4.245E-17	-2.257E-17	0.000E+00	-1.654E+02	-5.142E+02	1.535E+00
5	4	9	-4.245E-17	2.257E-17	-3.981E-33	-3.455E+02	-6.410E+02	3.028E+02	2.257E-17	-4.245E-17	1.571E+00	-1.563E+02	-8.302E+02	5.585E-01
5	4	10	-9.073E-18	-1.761E-19	-5.448E-34	-3.466E+02	-6.423E+02	2.893E+02	-1.761E-19	-9.073E-18	1.571E+00	-1.696E+02	-8.193E+02	5.491E-01
5	4	11	-4.245E-17	2.257E-17	-3.981E-33	-6.012E+02	-1.429E+02	2.837E+02	2.257E-17	-4.245E-17	1.571E+00	-7.390E+00	-7.367E+02	1.125E+00
5	4	12	-9.073E-18	-1.761E-19	-5.448E-34	-6.023E+02	-1.443E+02	2.701E+02	-1.761E-19	-9.073E-18	1.571E+00	-1.914E+01	-7.274E+02	1.137E+00
5	4	13	9.073E-18	1.761E-19	5.448E-34	-3.197E+02	-6.373E+02	2.947E+02	9.073E-18	1.761E-19	0.000E+00	-1.437E+02	-8.133E+02	5.383E-01
5	4	14	4.245E-17	-2.257E-17	3.981E-33	-3.208E+02	-6.386E+02	2.812E+02	4.245E-17	-2.257E-17	0.000E+00	-1.567E+02	-8.027E+02	5.282E-01

5	4	15	9.073E-18	1.761E-19	5.448E-34	-5.754E+02	-1.392E+02	2.756E+02	9.073E-18	1.761E-19	0.000E+00	-5.848E+00	-7.087E+02	1.120E+00
5	4	16	4.245E-17	-2.257E-17	3.981E-33	-5.764E+02	-1.406E+02	2.621E+02	4.245E-17	-2.257E-17	0.000E+00	-1.768E+01	-6.993E+02	1.132E+00
6	1	1	-1.134E-17	4.575E-19	-1.534E-16	-8.875E+01	-2.244E+03	-8.605E+02	1.480E-16	-1.589E-16	1.571E+00	2.126E+02	-2.546E+03	-3.369E-01
6	1	2	-1.076E-17	4.291E-18	-1.156E-16	-9.595E+01	-2.256E+03	-8.767E+02	1.126E-16	-1.191E-16	1.571E+00	2.150E+02	-2.567E+03	-3.409E-01
6	1	3	-1.134E-17	4.575E-19	-1.534E-16	1.019E+01	-1.030E+03	-9.597E+02	1.480E-16	-1.589E-16	1.571E+00	5.818E+02	-1.601E+03	-5.372E-01
6	1	4	-1.076E-17	4.291E-18	-1.156E-16	2.982E+00	-1.042E+03	-9.759E+02	1.126E-16	-1.191E-16	1.571E+00	5.876E+02	-1.626E+03	-5.397E-01
6	1	5	1.076E-17	-4.291E-18	1.156E-16	-6.603E+01	-2.287E+03	-8.714E+02	1.191E-16	-1.126E-16	0.000E+00	2.351E+02	-2.588E+03	-3.327E-01
6	1	6	1.134E-17	-4.575E-19	1.534E-16	-7.324E+01	-2.299E+03	-8.876E+02	1.589E-16	-1.480E-16	0.000E+00	2.374E+02	-2.609E+03	-3.366E-01
6	1	7	1.076E-17	-4.291E-18	1.156E-16	3.290E+01	-1.072E+03	-9.707E+02	1.191E-16	-1.126E-16	0.000E+00	5.972E+02	-1.637E+03	-5.266E-01
6	1	8	1.134E-17	-4.575E-19	1.534E-16	2.570E+01	-1.084E+03	-9.868E+02	1.589E-16	-1.480E-16	0.000E+00	6.029E+02	-1.661E+03	-5.293E-01
6	1	9	-1.134E-17	4.575E-19	-1.534E-16	4.751E+01	-1.991E+03	-5.631E+02	1.480E-16	-1.589E-16	1.571E+00	1.927E+02	-2.137E+03	-2.523E-01
6	1	10	-1.076E-17	4.291E-18	-1.156E-16	4.030E+01	-2.003E+03	-5.792E+02	1.126E-16	-1.191E-16	1.571E+00	1.931E+02	-2.156E+03	-2.579E-01
6	1	11	-1.134E-17	4.575E-19	-1.534E-16	1.464E+02	-7.768E+02	-6.623E+02	1.480E-16	-1.589E-16	1.571E+00	4.922E+02	-1.122E+03	-4.811E-01
6	1	12	-1.076E-17	4.291E-18	-1.156E-16	1.392E+02	-7.887E+02	-6.785E+02	1.126E-16	-1.191E-16	1.571E+00	4.972E+02	-1.147E+03	-4.855E-01
6	1	13	1.076E-17	-4.291E-18	1.156E-16	7.022E+01	-2.034E+03	-5.740E+02	1.191E-16	-1.126E-16	0.000E+00	2.166E+02	-2.180E+03	-2.497E-01
6	1	14	1.134E-17	-4.575E-19	1.534E-16	6.302E+01	-2.046E+03	-5.902E+02	1.589E-16	-1.480E-16	0.000E+00	2.169E+02	-2.200E+03	-2.551E-01
6	1	15	1.076E-17	-4.291E-18	1.156E-16	1.692E+02	-8.194E+02	-6.732E+02	1.191E-16	-1.126E-16	0.000E+00	5.101E+02	-1.160E+03	-4.687E-01
6	1	16	1.134E-17	-4.575E-19	1.534E-16	1.620E+02	-8.314E+02	-6.894E+02	1.589E-16	-1.480E-16	0.000E+00	5.150E+02	-1.184E+03	-4.732E-01
6	2	1	-1.517E-16	1.434E-16	1.807E-32	1.011E+03	-4.785E+03	-5.240E+02	1.434E-16	-1.517E-16	1.571E+00	1.058E+03	-4.832E+03	-8.944E-02
6	2	2	-1.097E-16	1.094E-16	1.341E-32	9.968E+02	-4.819E+03	-5.401E+02	1.094E-16	-1.097E-16	1.571E+00	1.047E+03	-4.869E+03	-9.182E-02
6	2	3	-1.517E-16	1.434E-16	1.807E-32	1.557E+03	-2.280E+03	-5.928E+02	1.434E-16	-1.517E-16	1.571E+00	1.647E+03	-2.370E+03	-1.498E-01
6	2	4	-1.097E-16	1.094E-16	1.341E-32	1.543E+03	-2.314E+03	-6.089E+02	1.094E-16	-1.097E-16	1.571E+00	1.637E+03	-2.408E+03	-1.529E-01
6	2	5	1.097E-16	-1.094E-16	-1.341E-32	1.046E+03	-4.841E+03	-5.193E+02	1.097E-16	-1.094E-16	0.000E+00	1.092E+03	-4.887E+03	-8.730E-02
6	2	6	1.517E-16	-1.434E-16	-1.807E-32	1.032E+03	-4.875E+03	-5.354E+02	1.517E-16	-1.434E-16	0.000E+00	1.080E+03	-4.924E+03	-8.966E-02
6	2	7	1.097E-16	-1.094E-16	-1.341E-32	1.592E+03	-2.336E+03	-5.881E+02	1.097E-16	-1.094E-16	0.000E+00	1.679E+03	-2.422E+03	-1.454E-01
6	2	8	1.517E-16	-1.434E-16	-1.807E-32	1.579E+03	-2.371E+03	-6.042E+02	1.517E-16	-1.434E-16	0.000E+00	1.669E+03	-2.461E+03	-1.485E-01
6	2	9	-1.517E-16	1.434E-16	1.807E-32	1.268E+03	-4.125E+03	-2.319E+02	1.434E-16	-1.517E-16	1.571E+00	1.278E+03	-4.135E+03	-4.290E-02
6	2	10	-1.097E-16	1.094E-16	1.341E-32	1.254E+03	-4.160E+03	-2.481E+02	1.094E-16	-1.097E-16	1.571E+00	1.265E+03	-4.171E+03	-4.570E-02
6	2	11	-1.517E-16	1.434E-16	1.807E-32	1.814E+03	-1.621E+03	-3.008E+02	1.434E-16	-1.517E-16	1.571E+00	1.840E+03	-1.647E+03	-8.669E-02
6	2	12	-1.097E-16	1.094E-16	1.341E-32	1.800E+03	-1.655E+03	-3.169E+02	1.094E-16	-1.097E-16	1.571E+00	1.829E+03	-1.684E+03	-9.071E-02
6	2	13	1.097E-16	-1.094E-16	-1.341E-32	1.303E+03	-4.182E+03	-2.272E+02	1.097E-16	-1.094E-16	0.000E+00	1.312E+03	-4.191E+03	-4.134E-02
6	2	14	1.517E-16	-1.434E-16	-1.807E-32	1.289E+03	-4.216E+03	-2.434E+02	1.517E-16	-1.434E-16	0.000E+00	1.300E+03	-4.227E+03	-4.410E-02
6	2	15	1.097E-16	-1.094E-16	-1.341E-32	1.849E+03	-1.677E+03	-2.960E+02	1.097E-16	-1.094E-16	0.000E+00	1.874E+03	-1.701E+03	-8.318E-02
6	2	16	1.517E-16	-1.434E-16	-1.807E-32	1.836E+03	-1.711E+03	-3.122E+02	1.517E-16	-1.434E-16	0.000E+00	1.863E+03	-1.738E+03	-8.713E-02
6	3	1	1.525E-16	-1.546E-16	-3.761E-32	-2.234E+02	-4.037E+03	-1.386E+03	1.525E-16	-1.546E-16	0.000E+00	2.269E+02	-4.488E+03	-3.142E-01
6	3	2	1.167E-16	-1.144E-16	-2.830E-32	-2.278E+02	-4.057E+03	-1.412E+03	1.167E-16	-1.144E-16	0.000E+00	2.366E+02	-4.521E+03	-3.178E-01
6	3	3	1.525E-16	-1.546E-16	-3.761E-32	7.365E+01	-1.307E+03	-1.319E+03	1.525E-16	-1.546E-16	0.000E+00	8.725E+02	-2.106E+03	-5.444E-01
6	3	4	1.167E-16	-1.144E-16	-2.830E-32	6.920E+01	-1.326E+03	-1.346E+03	1.167E-16	-1.144E-16	0.000E+00	8.874E+02	-2.144E+03	-5.463E-01
6	3	5	-1.167E-16	1.144E-16	2.830E-32	-1.700E+02	-4.042E+03	-1.415E+03	1.144E-16	-1.167E-16	1.571E+00	2.918E+02	-4.504E+03	-3.155E-01
6	3	6	-1.525E-16	1.546E-16	3.761E-32	-1.744E+02	-4.062E+03	-1.441E+03	1.546E-16	-1.525E-16	1.571E+00	3.015E+02	-4.538E+03	-3.190E-01
6	3	7	-1.167E-16	1.144E-16	2.830E-32	1.270E+02	-1.312E+03	-1.349E+03	1.144E-16	-1.167E-16	1.571E+00	9.361E+02	-2.121E+03	-5.404E-01
6	3	8	-1.525E-16	1.546E-16	3.761E-32	1.226E+02	-1.331E+03	-1.375E+03	1.546E-16	-1.525E-16	1.571E+00	9.509E+02	-2.159E+03	-5.423E-01
6	3	9	1.525E-16	-1.546E-16	-3.761E-32	-3.662E+02	-3.683E+03	-8.935E+02	1.525E-16	-1.546E-16	0.000E+00	-1.409E+02	-3.908E+03	-2.471E-01

6	3	10	1.167E-16	-1.144E-16	-2.830E-32	-3.707E+02	-3.702E+03	-9.198E+02	1.167E-16	-1.144E-16	0.000E+00	-1.336E+02	-3.939E+03	-2.522E-01
6	3	11	1.525E-16	-1.546E-16	-3.761E-32	-6.921E+01	-9.522E+02	-8.272E+02	1.525E-16	-1.546E-16	0.000E+00	4.269E+02	-1.448E+03	-5.403E-01
6	3	12	1.167E-16	-1.144E-16	-2.830E-32	-7.365E+01	-9.714E+02	-8.534E+02	1.167E-16	-1.144E-16	0.000E+00	4.417E+02	-1.487E+03	-5.433E-01
6	3	13	-1.167E-16	1.144E-16	2.830E-32	-3.128E+02	-3.688E+03	-9.225E+02	1.144E-16	-1.167E-16	1.571E+00	-7.714E+01	-3.924E+03	-2.501E-01
6	3	14	-1.525E-16	1.546E-16	3.761E-32	-3.173E+02	-3.707E+03	-9.488E+02	1.546E-16	-1.525E-16	1.571E+00	-6.980E+01	-3.955E+03	-2.552E-01
6	3	15	-1.167E-16	1.144E-16	2.830E-32	-1.580E+01	-9.571E+02	-8.562E+02	1.144E-16	-1.167E-16	1.571E+00	4.906E+02	-1.464E+03	-5.341E-01
6	3	16	-1.525E-16	1.546E-16	3.761E-32	-2.025E+01	-9.764E+02	-8.825E+02	1.546E-16	-1.525E-16	1.571E+00	5.053E+02	-1.502E+03	-5.372E-01
6	4	1	-1.618E-16	1.570E-16	-1.952E-32	-1.282E+03	-2.732E+03	2.402E+02	1.570E-16	-1.618E-16	1.571E+00	-1.243E+03	-2.771E+03	1.599E-01
6	4	2	-1.235E-16	1.196E-16	-1.488E-32	-1.279E+03	-2.734E+03	2.189E+02	1.196E-16	-1.235E-16	1.571E+00	-1.247E+03	-2.766E+03	1.461E-01
6	4	3	-1.618E-16	1.570E-16	-1.952E-32	-1.489E+03	-6.989E+02	2.189E+02	1.570E-16	-1.618E-16	1.571E+00	-6.423E+02	-1.546E+03	1.318E+00
6	4	4	-1.235E-16	1.196E-16	-1.488E-32	-1.487E+03	-7.008E+02	1.975E+02	1.196E-16	-1.235E-16	1.571E+00	-6.540E+02	-1.534E+03	1.338E+00
6	4	5	1.235E-16	-1.196E-16	1.488E-32	-1.241E+03	-2.727E+03	2.117E+02	1.235E-16	-1.196E-16	0.000E+00	-1.211E+03	-2.757E+03	1.387E-01
6	4	6	1.618E-16	-1.570E-16	1.952E-32	-1.238E+03	-2.729E+03	1.904E+02	1.618E-16	-1.570E-16	0.000E+00	-1.214E+03	-2.753E+03	1.250E-01
6	4	7	1.235E-16	-1.196E-16	1.488E-32	-1.448E+03	-6.942E+02	1.904E+02	1.235E-16	-1.196E-16	0.000E+00	-6.488E+02	-1.494E+03	1.337E+00
6	4	8	1.618E-16	-1.570E-16	1.952E-32	-1.446E+03	-6.962E+02	1.690E+02	1.618E-16	-1.570E-16	0.000E+00	-6.598E+02	-1.482E+03	1.359E+00
6	4	9	-1.618E-16	1.570E-16	-1.952E-32	-1.398E+03	-2.695E+03	6.429E+02	1.570E-16	-1.618E-16	1.571E+00	-1.133E+03	-2.960E+03	3.904E-01
6	4	10	-1.235E-16	1.196E-16	-1.488E-32	-1.395E+03	-2.697E+03	6.216E+02	1.196E-16	-1.235E-16	1.571E+00	-1.146E+03	-2.946E+03	3.811E-01
6	4	11	-1.618E-16	1.570E-16	-1.952E-32	-1.605E+03	-6.622E+02	6.216E+02	1.570E-16	-1.618E-16	1.571E+00	-3.535E+02	-1.914E+03	1.110E+00
6	4	12	-1.235E-16	1.196E-16	-1.488E-32	-1.603E+03	-6.642E+02	6.002E+02	1.196E-16	-1.235E-16	1.571E+00	-3.715E+02	-1.895E+03	1.117E+00
6	4	13	1.235E-16	-1.196E-16	1.488E-32	-1.357E+03	-2.691E+03	6.144E+02	1.235E-16	-1.196E-16	0.000E+00	-1.117E+03	-2.931E+03	3.722E-01
6	4	14	1.618E-16	-1.570E-16	1.952E-32	-1.354E+03	-2.693E+03	5.931E+02	1.618E-16	-1.570E-16	0.000E+00	-1.129E+03	-2.918E+03	3.626E-01
6	4	15	1.235E-16	-1.196E-16	1.488E-32	-1.564E+03	-6.575E+02	5.931E+02	1.235E-16	-1.196E-16	0.000E+00	-3.644E+02	-1.857E+03	1.112E+00
6	4	16	1.618E-16	-1.570E-16	1.952E-32	-1.562E+03	-6.595E+02	5.717E+02	1.618E-16	-1.570E-16	0.000E+00	-3.823E+02	-1.839E+03	1.119E+00
7	1	1	4.949E-14	3.299E-13	6.484E-14	-3.583E+02	-3.973E+03	-2.063E+03	3.442E-13	3.522E-14	1.571E+00	5.771E+02	-4.908E+03	-4.257E-01
7	1	2	5.104E-14	3.402E-13	6.683E-14	-3.661E+02	-4.012E+03	-2.097E+03	3.549E-13	3.634E-14	1.571E+00	5.895E+02	-4.968E+03	-4.276E-01
7	1	3	-4.221E-14	-2.814E-13	-4.957E-14	6.502E+01	-7.738E+02	-1.737E+03	-3.234E-14	-2.913E-13	0.000E+00	1.432E+03	-2.141E+03	-6.669E-01
7	1	4	-4.065E-14	-2.711E-13	-4.758E-14	5.726E+01	-8.133E+02	-1.771E+03	-3.122E-14	-2.805E-13	0.000E+00	1.445E+03	-2.201E+03	-6.649E-01
7	1	5	5.172E-14	3.449E-13	6.096E-14	-3.214E+02	-4.102E+03	-2.117E+03	3.570E-13	3.955E-14	1.571E+00	6.260E+02	-5.050E+03	-4.209E-01
7	1	6	5.328E-14	3.552E-13	6.296E-14	-3.291E+02	-4.142E+03	-2.150E+03	3.678E-13	4.067E-14	1.571E+00	6.383E+02	-5.109E+03	-4.227E-01
7	1	7	-3.997E-14	-2.664E-13	-5.345E-14	1.020E+02	-9.035E+02	-1.790E+03	-2.799E-14	-2.784E-13	0.000E+00	1.459E+03	-2.260E+03	-6.485E-01
7	1	8	-3.842E-14	-2.561E-13	-5.145E-14	9.422E+01	-9.430E+02	-1.824E+03	-2.687E-14	-2.676E-13	0.000E+00	1.472E+03	-2.321E+03	-6.469E-01
7	1	9	1.977E-14	1.318E-13	2.900E-14	-2.005E+02	-3.146E+03	-1.416E+03	1.388E-13	1.270E-14	1.571E+00	3.700E+02	-3.717E+03	-3.829E-01
7	1	10	2.132E-14	1.421E-13	3.099E-14	-2.083E+02	-3.185E+03	-1.450E+03	1.496E-13	1.383E-14	1.571E+00	3.814E+02	-3.775E+03	-3.862E-01
7	1	11	-7.193E-14	-4.795E-13	-8.541E-14	2.228E+02	5.293E+01	-1.090E+03	-5.475E-14	-4.967E-13	0.000E+00	1.231E+03	-9.557E+02	-7.465E-01
7	1	12	-7.038E-14	-4.692E-13	-8.342E-14	2.151E+02	1.342E+01	-1.124E+03	-5.363E-14	-4.859E-13	0.000E+00	1.243E+03	-1.014E+03	-7.407E-01
7	1	13	2.200E-14	1.467E-13	2.512E-14	-1.636E+02	-3.276E+03	-1.470E+03	1.516E-13	1.713E-14	1.571E+00	4.209E+02	-3.860E+03	-3.785E-01
7	1	14	2.355E-14	1.571E-13	2.712E-14	-1.713E+02	-3.315E+03	-1.504E+03	1.624E-13	1.826E-14	1.571E+00	4.321E+02	-3.919E+03	-3.816E-01
7	1	15	-6.969E-14	-4.646E-13	-8.929E-14	2.598E+02	-7.673E+01	-1.144E+03	-5.044E-14	-4.838E-13	0.000E+00	1.248E+03	-1.064E+03	-7.124E-01
7	1	16	-6.814E-14	-4.542E-13	-8.729E-14	2.520E+02	-1.162E+02	-1.178E+03	-4.932E-14	-4.731E-13	0.000E+00	1.260E+03	-1.124E+03	-7.078E-01
7	2	1	-1.612E-13	8.208E-13	5.951E-29	3.133E+03	-5.895E+03	-1.247E+03	8.208E-13	-1.612E-13	1.571E+00	3.302E+03	-6.064E+03	-1.348E-01
7	2	2	-1.407E-13	8.213E-13	5.828E-29	3.121E+03	-6.001E+03	-1.277E+03	8.213E-13	-1.407E-13	1.571E+00	3.296E+03	-6.176E+03	-1.365E-01
7	2	3	-1.883E-13	-3.955E-13	-1.330E-29	4.062E+03	1.249E+03	-1.457E+03	-1.883E-13	-3.955E-13	0.000E+00	4.681E+03	6.302E+02	-4.015E-01
7	2	4	-1.678E-13	-3.950E-13	-1.453E-29	4.050E+03	1.142E+03	-1.487E+03	-1.678E-13	-3.950E-13	0.000E+00	4.675E+03	5.168E+02	-3.983E-01

7	2	5	-1.216E-13	8.105E-13	5.646E-29	3.247E+03	-6.083E+03	-1.237E+03	8.105E-13	-1.216E-13	1.571E+00	3.408E+03	-6.244E+03	-1.296E-01
7	2	6	-1.010E-13	8.110E-13	5.522E-29	3.234E+03	-6.189E+03	-1.267E+03	8.110E-13	-1.010E-13	1.571E+00	3.401E+03	-6.356E+03	-1.313E-01
7	2	7	-1.487E-13	-4.058E-13	-1.636E-29	4.176E+03	1.061E+03	-1.447E+03	-1.487E-13	-4.058E-13	0.000E+00	4.744E+03	4.923E+02	-3.743E-01
7	2	8	-1.281E-13	-4.053E-13	-1.759E-29	4.163E+03	9.542E+02	-1.476E+03	-1.281E-13	-4.053E-13	0.000E+00	4.739E+03	3.783E+02	-3.719E-01
7	2	9	-1.200E-13	4.006E-13	3.249E-29	2.799E+03	-3.831E+03	-7.163E+02	4.006E-13	-1.200E-13	1.571E+00	2.875E+03	-3.907E+03	-1.064E-01
7	2	10	-9.940E-14	4.011E-13	3.126E-29	2.786E+03	-3.937E+03	-7.457E+02	4.011E-13	-9.940E-14	1.571E+00	2.868E+03	-4.019E+03	-1.091E-01
7	2	11	-1.471E-13	-8.157E-13	-4.032E-29	3.728E+03	3.313E+03	-9.261E+02	-1.471E-13	-8.157E-13	0.000E+00	4.469E+03	2.571E+03	-6.751E-01
7	2	12	-1.265E-13	-8.153E-13	-4.156E-29	3.715E+03	3.206E+03	-9.555E+02	-1.265E-13	-8.153E-13	0.000E+00	4.450E+03	2.472E+03	-6.552E-01
7	2	13	-8.031E-14	3.903E-13	2.943E-29	2.912E+03	-4.019E+03	-7.060E+02	3.903E-13	-8.031E-14	1.571E+00	2.984E+03	-4.090E+03	-1.005E-01
7	2	14	-5.973E-14	3.908E-13	2.820E-29	2.900E+03	-4.125E+03	-7.355E+02	3.908E-13	-5.973E-14	1.571E+00	2.976E+03	-4.201E+03	-1.032E-01
7	2	15	-1.074E-13	-8.260E-13	-4.338E-29	3.842E+03	3.125E+03	-9.158E+02	-1.074E-13	-8.260E-13	0.000E+00	4.467E+03	2.500E+03	-5.989E-01
7	2	16	-8.684E-14	-8.256E-13	-4.461E-29	3.829E+03	3.018E+03	-9.452E+02	-8.684E-14	-8.256E-13	0.000E+00	4.452E+03	2.395E+03	-5.828E-01
7	3	1	4.473E-13	-8.368E-14	-6.307E-29	-2.095E+02	-2.656E+03	-2.995E+03	4.473E-13	-8.368E-14	0.000E+00	1.802E+03	-4.668E+03	-5.915E-01
7	3	2	4.481E-13	-7.251E-14	-6.180E-29	-2.022E+02	-2.712E+03	-3.063E+03	4.481E-13	-7.251E-14	0.000E+00	1.853E+03	-4.767E+03	-5.910E-01
7	3	3	-2.120E-13	-1.307E-13	1.191E-29	4.067E+02	2.072E+03	-1.049E+03	-1.307E-13	-2.120E-13	1.571E+00	2.579E+03	-1.002E+02	2.021E+00
7	3	4	-2.112E-13	-1.195E-13	1.318E-29	4.141E+02	2.017E+03	-1.117E+03	-1.195E-13	-2.112E-13	1.571E+00	2.590E+03	-1.591E+02	2.045E+00
7	3	5	4.314E-13	-6.154E-14	-5.842E-29	-7.534E+01	-2.689E+03	-3.110E+03	4.314E-13	-6.154E-14	0.000E+00	1.991E+03	-4.756E+03	-5.865E-01
7	3	6	4.322E-13	-5.036E-14	-5.715E-29	-6.801E+01	-2.745E+03	-3.177E+03	4.322E-13	-5.036E-14	0.000E+00	2.041E+03	-4.854E+03	-5.861E-01
7	3	7	-2.278E-13	-1.085E-13	1.656E-29	5.409E+02	2.039E+03	-1.164E+03	-1.085E-13	-2.278E-13	1.571E+00	2.674E+03	-9.426E+01	2.070E+00
7	3	8	-2.270E-13	-9.734E-14	1.783E-29	5.482E+02	1.984E+03	-1.231E+03	-9.734E-14	-2.270E-13	1.571E+00	2.691E+03	-1.594E+02	2.092E+00
7	3	9	2.190E-13	-3.703E-14	-3.331E-29	-5.754E+02	-1.625E+03	-1.697E+03	2.190E-13	-3.703E-14	0.000E+00	6.764E+02	-2.877E+03	-6.354E-01
7	3	10	2.198E-13	-2.585E-14	-3.204E-29	-5.681E+02	-1.681E+03	-1.765E+03	2.198E-13	-2.585E-14	0.000E+00	7.260E+02	-2.975E+03	-6.327E-01
7	3	11	-4.402E-13	-8.401E-14	4.167E-29	4.082E+01	3.103E+03	2.484E+02	-8.401E-14	-4.402E-13	1.571E+00	3.123E+03	2.080E+01	1.490E+00
7	3	12	-4.394E-13	-7.283E-14	4.294E-29	4.814E+01	3.048E+03	1.810E+02	-7.283E-14	-4.394E-13	1.571E+00	3.059E+03	3.726E+01	1.511E+00
7	3	13	2.032E-13	-1.489E-14	-2.866E-29	-4.413E+02	-1.658E+03	-1.812E+03	2.032E-13	-1.489E-14	0.000E+00	8.619E+02	-2.961E+03	-6.234E-01
7	3	14	2.040E-13	-3.713E-15	-2.739E-29	-4.339E+02	-1.714E+03	-1.880E+03	2.040E-13	-3.713E-15	0.000E+00	9.117E+02	-3.059E+03	-6.213E-01
7	3	15	-4.561E-13	-6.186E-14	4.632E-29	1.750E+02	3.070E+03	1.336E+02	-6.186E-14	-4.561E-13	1.571E+00	3.077E+03	1.689E+02	1.525E+00
7	3	16	-4.553E-13	-5.069E-14	4.759E-29	1.823E+02	3.015E+03	6.624E+01	-5.069E-14	-4.553E-13	1.571E+00	3.017E+03	1.808E+02	1.547E+00
7	4	1	-7.791E-14	1.676E-13	-1.491E-29	-3.243E+03	-2.521E+03	4.415E+02	1.676E-13	-7.791E-14	1.571E+00	-2.312E+03	-3.453E+03	1.128E+00
7	4	2	-7.388E-14	1.664E-13	-1.459E-29	-3.229E+03	-2.524E+03	3.909E+02	1.664E-13	-7.388E-14	1.571E+00	-2.351E+03	-3.403E+03	1.152E+00
7	4	3	-8.782E-15	-6.734E-14	3.703E-30	-3.324E+03	-4.012E+02	1.803E+02	-8.782E-15	-6.734E-14	0.000E+00	-3.901E+02	-3.335E+03	1.509E+00
7	4	4	-4.753E-15	-6.853E-14	4.023E-30	-3.310E+03	-4.042E+02	1.297E+02	-4.753E-15	-6.853E-14	0.000E+00	-3.984E+02	-3.315E+03	1.526E+00
7	4	5	-7.665E-14	1.604E-13	-1.440E-29	-3.183E+03	-2.513E+03	3.520E+02	1.604E-13	-7.665E-14	1.571E+00	-2.362E+03	-3.334E+03	1.166E+00
7	4	6	-7.262E-14	1.592E-13	-1.408E-29	-3.169E+03	-2.516E+03	3.013E+02	1.592E-13	-7.262E-14	1.571E+00	-2.398E+03	-3.287E+03	1.198E+00
7	4	7	-7.529E-15	-7.448E-14	4.218E-30	-3.264E+03	-3.926E+02	9.076E+01	-7.529E-15	-7.448E-14	0.000E+00	-3.897E+02	-3.267E+03	1.539E+00
7	4	8	-3.500E-15	-7.568E-14	4.537E-30	-3.250E+03	-3.956E+02	4.009E+01	-3.500E-15	-7.568E-14	0.000E+00	-3.950E+02	-3.250E+03	1.557E+00
7	4	9	-4.353E-14	9.017E-14	-8.304E-30	-3.559E+03	-2.465E+03	1.419E+03	9.017E-14	-4.353E-14	1.571E+00	-1.491E+03	-4.533E+03	9.694E-01
7	4	10	-3.950E-14	8.897E-14	-7.984E-30	-3.545E+03	-2.468E+03	1.368E+03	8.897E-14	-3.950E-14	1.571E+00	-1.536E+03	-4.477E+03	9.728E-01
7	4	11	2.560E-14	-1.447E-13	1.031E-29	-3.640E+03	-3.449E+02	1.158E+03	2.560E-14	-1.447E-13	0.000E+00	2.125E+01	-4.006E+03	1.264E+00
7	4	12	2.963E-14	-1.459E-13	1.063E-29	-3.625E+03	-3.479E+02	1.107E+03	2.963E-14	-1.459E-13	0.000E+00	-8.981E+00	-3.964E+03	1.274E+00
7	4	13	-4.227E-14	8.302E-14	-7.790E-30	-3.499E+03	-2.457E+03	1.329E+03	8.302E-14	-4.227E-14	1.571E+00	-1.550E+03	-4.406E+03	9.723E-01
7	4	14	-3.824E-14	8.183E-14	-7.470E-30	-3.485E+03	-2.460E+03	1.279E+03	8.183E-14	-3.824E-14	1.571E+00	-1.595E+03	-4.350E+03	9.760E-01
7	4	15	2.685E-14	-1.519E-13	1.083E-29	-3.580E+03	-3.363E+02	1.068E+03	2.685E-14	-1.519E-13	0.000E+00	-1.613E+01	-3.900E+03	1.280E+00

7	4	16	3.088E-14	-1.531E-13	1.115E-29	-3.565E+03	-3.393E+02	1.018E+03	3.088E-14	-1.531E-13	0.000E+00	-4.520E+01	-3.860E+03	1.289E+00
8	1	1	-1.396E-13	-9.394E-13	6.012E-14	2.835E+02	3.162E+02	-3.358E+03	-1.351E-13	-9.439E-13	0.000E+00	3.658E+03	-3.058E+03	2.354E+00
8	1	2	-1.439E-13	-9.691E-13	6.172E-14	3.023E+02	3.325E+02	-3.440E+03	-1.393E-13	-9.737E-13	0.000E+00	3.758E+03	-3.123E+03	2.354E+00
8	1	3	1.164E-13	8.052E-13	-3.745E-14	1.468E+02	2.571E+02	-5.989E+02	8.073E-13	1.144E-13	1.571E+00	8.034E+02	-3.995E+02	2.310E+00
8	1	4	1.121E-13	7.756E-13	-3.584E-14	1.656E+02	2.734E+02	-6.814E+02	7.775E-13	1.102E-13	1.571E+00	9.030E+02	-4.639E+02	2.317E+00
8	1	5	-1.668E-13	-9.939E-13	8.514E-14	4.343E+02	3.749E+02	-3.494E+03	-1.582E-13	-1.003E-12	0.000E+00	3.899E+03	-3.089E+03	-7.811E-01
8	1	6	-1.711E-13	-1.024E-12	8.674E-14	4.532E+02	3.912E+02	-3.576E+03	-1.624E-13	-1.032E-12	0.000E+00	3.999E+03	-3.154E+03	-7.811E-01
8	1	7	8.922E-14	7.508E-13	-1.242E-14	2.977E+02	3.158E+02	-7.350E+02	7.510E-13	8.899E-14	1.571E+00	1.042E+03	-4.283E+02	2.350E+00
8	1	8	8.492E-14	7.211E-13	-1.082E-14	3.165E+02	3.321E+02	-8.175E+02	7.213E-13	8.473E-14	1.571E+00	1.142E+03	-4.932E+02	2.351E+00
8	1	9	-3.034E-14	-3.648E-13	-1.178E-14	-2.497E+02	-3.050E+01	-1.772E+03	-2.993E-14	-3.652E-13	0.000E+00	1.635E+03	-1.916E+03	2.325E+00
8	1	10	-3.464E-14	-3.945E-13	-1.018E-14	-2.308E+02	-1.420E+01	-1.855E+03	-3.435E-14	-3.948E-13	0.000E+00	1.735E+03	-1.980E+03	2.327E+00
8	1	11	2.257E-13	1.380E-12	-1.093E-13	-3.863E+02	-8.962E+01	9.867E+02	1.390E-12	2.154E-13	1.571E+00	7.598E+02	-1.236E+03	8.600E-01
8	1	12	2.214E-13	1.350E-12	-1.077E-13	-3.675E+02	-7.332E+01	9.042E+02	1.360E-12	2.112E-13	1.571E+00	6.957E+02	-1.137E+03	8.660E-01
8	1	13	-5.755E-14	-4.193E-13	1.324E-14	-9.880E+01	2.815E+01	-1.908E+03	-5.707E-14	-4.198E-13	0.000E+00	1.874E+03	-1.945E+03	2.340E+00
8	1	14	-6.186E-14	-4.490E-13	1.485E-14	-7.998E+01	4.445E+01	-1.991E+03	-6.129E-14	-4.495E-13	0.000E+00	1.974E+03	-2.009E+03	2.341E+00
8	1	15	1.985E-13	1.325E-12	-8.432E-14	-2.355E+02	-3.097E+01	8.506E+02	1.332E-12	1.922E-13	1.571E+00	7.235E+02	-9.899E+02	8.452E-01
8	1	16	1.942E-13	1.296E-12	-8.272E-14	-2.166E+02	-1.467E+01	7.681E+02	1.302E-12	1.880E-13	1.571E+00	6.591E+02	-8.904E+02	8.508E-01
8	2	1	-2.299E-12	1.800E-13	1.525E-28	6.206E+03	3.216E+02	-1.646E+02	1.800E-13	-2.299E-12	1.571E+00	6.210E+03	3.170E+02	-2.794E-02
8	2	2	-2.306E-12	1.208E-13	1.494E-28	6.252E+03	3.569E+02	-2.140E+02	1.208E-13	-2.306E-12	1.571E+00	6.260E+03	3.492E+02	-3.624E-02
8	2	3	1.182E-12	6.186E-13	-3.377E-29	3.943E+03	-1.334E+03	-1.003E+03	1.182E-12	6.186E-13	0.000E+00	4.128E+03	-1.518E+03	-1.817E-01
8	2	4	1.175E-12	5.594E-13	-3.693E-29	3.990E+03	-1.298E+03	-1.053E+03	1.175E-12	5.594E-13	0.000E+00	4.192E+03	-1.500E+03	-1.895E-01
8	2	5	-2.303E-12	4.427E-14	1.444E-28	6.479E+03	3.305E+02	-2.399E+02	4.427E-14	-2.303E-12	1.571E+00	6.489E+03	3.212E+02	-3.893E-02
8	2	6	-2.310E-12	-1.494E-14	1.413E-28	6.526E+03	3.659E+02	-2.894E+02	-1.494E-14	-2.310E-12	1.571E+00	6.539E+03	3.523E+02	-4.684E-02
8	2	7	1.178E-12	4.829E-13	-4.184E-29	4.217E+03	-1.325E+03	-1.079E+03	1.178E-12	4.829E-13	0.000E+00	4.420E+03	-1.527E+03	-1.856E-01
8	2	8	1.171E-12	4.237E-13	-4.501E-29	4.263E+03	-1.289E+03	-1.128E+03	1.171E-12	4.237E-13	0.000E+00	4.484E+03	-1.510E+03	-1.930E-01
8	2	9	-1.081E-12	2.887E-13	8.311E-29	5.066E+03	-3.288E+02	7.809E+02	2.887E-13	-1.081E-12	1.571E+00	5.176E+03	-4.396E+02	1.409E-01
8	2	10	-1.088E-12	2.294E-13	7.994E-29	5.112E+03	-2.934E+02	7.315E+02	2.294E-13	-1.088E-12	1.571E+00	5.209E+03	-3.907E+02	1.322E-01
8	2	11	2.400E-12	7.273E-13	-1.032E-28	2.803E+03	-1.984E+03	-5.801E+01	2.400E-12	7.273E-13	0.000E+00	2.804E+03	-1.985E+03	-1.212E-02
8	2	12	2.393E-12	6.681E-13	-1.063E-28	2.850E+03	-1.949E+03	-1.075E+02	2.393E-12	6.681E-13	0.000E+00	2.852E+03	-1.951E+03	-2.238E-02
8	2	13	-1.085E-12	1.529E-13	7.503E-29	5.339E+03	-3.198E+02	7.056E+02	1.529E-13	-1.085E-12	1.571E+00	5.426E+03	-4.065E+02	1.222E-01
8	2	14	-1.092E-12	9.372E-14	7.186E-29	5.386E+03	-2.845E+02	6.561E+02	9.372E-14	-1.092E-12	1.571E+00	5.461E+03	-3.594E+02	1.137E-01
8	2	15	2.396E-12	5.916E-13	-1.113E-28	3.077E+03	-1.975E+03	-1.333E+02	2.396E-12	5.916E-13	0.000E+00	3.081E+03	-1.979E+03	-2.637E-02
8	2	16	2.389E-12	5.324E-13	-1.144E-28	3.123E+03	-1.940E+03	-1.828E+02	2.389E-12	5.324E-13	0.000E+00	3.130E+03	-1.946E+03	-3.604E-02
8	3	1	8.008E-14	-1.166E-12	-1.538E-28	2.275E+02	-2.560E+02	-8.342E+02	8.008E-14	-1.166E-12	0.000E+00	8.543E+02	-8.828E+02	-6.444E-01
8	3	2	5.016E-14	-1.170E-12	-1.506E-28	2.554E+02	-2.177E+02	-9.068E+02	5.016E-14	-1.170E-12	0.000E+00	9.560E+02	-9.183E+02	-6.578E-01
8	3	3	3.228E-13	5.949E-13	3.212E-29	1.171E+02	-8.787E+01	7.014E+02	5.949E-13	3.228E-13	1.571E+00	7.234E+02	-6.942E+02	7.128E-01
8	3	4	2.929E-13	5.907E-13	3.527E-29	1.450E+02	-4.957E+01	6.287E+02	5.907E-13	2.929E-13	1.571E+00	6.839E+02	-5.885E+02	7.087E-01
8	3	5	5.997E-15	-1.164E-12	-1.445E-28	3.940E+02	-1.658E+02	-9.391E+02	5.997E-15	-1.164E-12	0.000E+00	1.094E+03	-8.658E+02	-6.406E-01
8	3	6	-2.393E-14	-1.168E-12	-1.413E-28	4.218E+02	-1.275E+02	-1.012E+03	-2.393E-14	-1.168E-12	0.000E+00	1.195E+03	-9.012E+02	-6.528E-01
8	3	7	2.488E-13	5.970E-13	4.145E-29	2.836E+02	2.275E+00	5.965E+02	5.970E-13	2.488E-13	1.571E+00	7.558E+02	-4.699E+02	6.696E-01
8	3	8	2.188E-13	5.929E-13	4.461E-29	3.115E+02	4.057E+01	5.238E+02	5.929E-13	2.188E-13	1.571E+00	7.171E+02	-3.651E+02	6.589E-01
8	3	9	1.424E-13	-5.438E-13	-8.284E-29	-4.622E+02	-1.017E+03	5.507E+02	1.424E-13	-5.438E-13	0.000E+00	-1.230E+02	-1.356E+03	5.521E-01
8	3	10	1.125E-13	-5.480E-13	-7.968E-29	-4.343E+02	-9.787E+02	4.781E+02	1.125E-13	-5.480E-13	0.000E+00	-1.564E+02	-1.257E+03	5.266E-01

8	3	11	3.852E-13	1.217E-12	1.031E-28	-5.726E+02	-8.489E+02	2.086E+03	1.217E-12	3.852E-13	1.571E+00	1.380E+03	-2.802E+03	7.523E-01
8	3	12	3.553E-13	1.213E-12	1.062E-28	-5.447E+02	-8.106E+02	2.014E+03	1.213E-12	3.553E-13	1.571E+00	1.340E+03	-2.696E+03	7.524E-01
8	3	13	6.833E-14	-5.417E-13	-7.351E-29	-2.957E+02	-9.268E+02	4.458E+02	6.833E-14	-5.417E-13	0.000E+00	-6.509E+01	-1.157E+03	4.774E-01
8	3	14	3.841E-14	-5.458E-13	-7.035E-29	-2.679E+02	-8.885E+02	3.732E+02	3.841E-14	-5.458E-13	0.000E+00	-9.284E+01	-1.064E+03	4.385E-01
8	3	15	3.111E-13	1.219E-12	1.124E-28	-4.061E+02	-7.587E+02	1.981E+03	1.219E-12	3.111E-13	1.571E+00	1.407E+03	-2.572E+03	7.410E-01
8	3	16	2.812E-13	1.215E-12	1.156E-28	-3.782E+02	-7.204E+02	1.909E+03	1.215E-12	2.812E-13	1.571E+00	1.367E+03	-2.466E+03	7.407E-01
8	4	1	-1.406E-13	9.536E-14	-1.438E-29	-5.705E+03	-3.862E+02	-2.846E+01	9.536E-14	-1.406E-13	1.571E+00	-3.860E+02	-5.705E+03	1.576E+00
8	4	2	-1.389E-13	9.223E-14	-1.409E-29	-5.703E+03	-3.572E+02	-9.970E+01	9.223E-14	-1.389E-13	1.571E+00	-3.553E+02	-5.705E+03	1.589E+00
8	4	3	4.381E-14	-4.490E-15	3.022E-30	-3.684E+03	1.429E+03	-8.982E+02	4.381E-14	-4.490E-15	0.000E+00	1.582E+03	-3.837E+03	1.740E+00
8	4	4	4.553E-14	-7.614E-15	3.319E-30	-3.682E+03	1.458E+03	-9.694E+02	4.553E-14	-7.614E-15	0.000E+00	1.635E+03	-3.859E+03	1.751E+00
8	4	5	-1.408E-13	8.143E-14	-1.354E-29	-5.658E+03	-2.184E+02	-1.451E+02	8.143E-14	-1.408E-13	1.571E+00	-2.145E+02	-5.662E+03	1.597E+00
8	4	6	-1.390E-13	7.831E-14	-1.324E-29	-5.656E+03	-1.894E+02	-2.163E+02	7.831E-14	-1.390E-13	1.571E+00	-1.809E+02	-5.665E+03	1.610E+00
8	4	7	4.365E-14	-1.841E-14	3.865E-30	-3.637E+03	1.597E+03	-1.015E+03	4.365E-14	-1.841E-14	0.000E+00	1.786E+03	-3.827E+03	1.756E+00
8	4	8	4.537E-14	-2.153E-14	4.161E-30	-3.635E+03	1.626E+03	-1.086E+03	4.537E-14	-2.153E-14	0.000E+00	1.841E+03	-3.851E+03	1.767E+00
8	4	9	-6.528E-14	6.008E-14	-7.741E-30	-5.825E+03	-1.095E+03	1.340E+03	6.008E-14	-6.528E-14	1.571E+00	-7.416E+02	-6.179E+03	1.313E+00
8	4	10	-6.357E-14	5.696E-14	-7.444E-30	-5.824E+03	-1.066E+03	1.269E+03	5.696E-14	-6.357E-14	1.571E+00	-7.486E+02	-6.141E+03	1.326E+00
8	4	11	1.191E-13	-3.976E-14	9.665E-30	-3.804E+03	7.199E+02	4.708E+02	1.191E-13	-3.976E-14	0.000E+00	7.684E+02	-3.853E+03	1.468E+00
8	4	12	1.208E-13	-4.289E-14	9.961E-30	-3.803E+03	7.489E+02	3.995E+02	1.208E-13	-4.289E-14	0.000E+00	7.837E+02	-3.837E+03	1.484E+00
8	4	13	-6.545E-14	4.616E-14	-6.898E-30	-5.778E+03	-9.273E+02	1.224E+03	4.616E-14	-6.545E-14	1.571E+00	-6.360E+02	-6.070E+03	1.337E+00
8	4	14	-6.373E-14	4.304E-14	-6.602E-30	-5.777E+03	-8.983E+02	1.153E+03	4.304E-14	-6.373E-14	1.571E+00	-6.396E+02	-6.035E+03	1.350E+00
8	4	15	1.190E-13	-5.368E-14	1.051E-29	-3.757E+03	8.877E+02	3.542E+02	1.190E-13	-5.368E-14	0.000E+00	9.146E+02	-3.784E+03	1.495E+00
8	4	16	1.207E-13	-5.681E-14	1.080E-29	-3.756E+03	9.167E+02	2.829E+02	1.207E-13	-5.681E-14	0.000E+00	9.338E+02	-3.773E+03	1.511E+00
9	1	1	1.690E-17	2.364E-17	-3.018E-17	3.591E+02	-2.013E+02	1.560E+02	5.064E-17	-1.009E-17	1.571E+00	3.996E+02	-2.418E+02	2.540E-01
9	1	2	1.027E-17	-2.058E-17	-3.679E-18	3.665E+02	-1.995E+02	1.433E+02	1.070E-17	-2.102E-17	0.000E+00	4.007E+02	-2.338E+02	2.344E-01
9	1	3	1.690E-17	2.364E-17	-3.018E-17	2.921E+02	-9.940E+01	2.251E+02	5.064E-17	-1.009E-17	1.571E+00	3.947E+02	-2.020E+02	4.276E-01
9	1	4	1.027E-17	-2.058E-17	-3.679E-18	2.994E+02	-9.762E+01	2.124E+02	1.070E-17	-2.102E-17	0.000E+00	3.916E+02	-1.899E+02	4.096E-01
9	1	5	-1.027E-17	2.058E-17	3.679E-18	3.393E+02	-1.933E+02	1.525E+02	2.102E-17	-1.070E-17	1.571E+00	3.798E+02	-2.339E+02	2.600E-01
9	1	6	-1.690E-17	-2.364E-17	3.018E-17	3.466E+02	-1.915E+02	1.398E+02	1.009E-17	-5.064E-17	0.000E+00	3.807E+02	-2.257E+02	2.395E-01
9	1	7	-1.027E-17	2.058E-17	3.679E-18	2.722E+02	-9.138E+01	2.216E+02	2.102E-17	-1.070E-17	1.571E+00	3.770E+02	-1.962E+02	4.419E-01
9	1	8	-1.690E-17	-2.364E-17	3.018E-17	2.795E+02	-8.959E+01	2.089E+02	1.009E-17	-5.064E-17	0.000E+00	3.737E+02	-1.838E+02	4.236E-01
9	1	9	1.690E-17	2.364E-17	-3.018E-17	2.227E+02	-2.411E+02	3.873E+02	5.064E-17	-1.009E-17	1.571E+00	4.422E+02	-4.606E+02	5.156E-01
9	1	10	1.027E-17	-2.058E-17	-3.679E-18	2.301E+02	-2.393E+02	3.746E+02	1.070E-17	-2.102E-17	0.000E+00	4.374E+02	-4.467E+02	5.055E-01
9	1	11	1.690E-17	2.364E-17	-3.018E-17	1.557E+02	-1.392E+02	4.564E+02	5.064E-17	-1.009E-17	1.571E+00	4.879E+02	-4.714E+02	6.292E-01
9	1	12	1.027E-17	-2.058E-17	-3.679E-18	1.630E+02	-1.374E+02	4.437E+02	1.070E-17	-2.102E-17	0.000E+00	4.812E+02	-4.556E+02	6.222E-01
9	1	13	-1.027E-17	2.058E-17	3.679E-18	2.029E+02	-2.331E+02	3.837E+02	2.102E-17	-1.070E-17	1.571E+00	4.262E+02	-4.564E+02	5.271E-01
9	1	14	-1.690E-17	-2.364E-17	3.018E-17	2.102E+02	-2.313E+02	3.710E+02	1.009E-17	-5.064E-17	0.000E+00	4.212E+02	-4.423E+02	5.170E-01
9	1	15	-1.027E-17	2.058E-17	3.679E-18	1.358E+02	-1.312E+02	4.528E+02	2.102E-17	-1.070E-17	1.571E+00	4.744E+02	-4.698E+02	6.421E-01
9	1	16	-1.690E-17	-2.364E-17	3.018E-17	1.431E+02	-1.294E+02	4.401E+02	1.009E-17	-5.064E-17	0.000E+00	4.676E+02	-4.539E+02	6.353E-01
9	2	1	-2.257E-17	4.245E-17	3.981E-33	-3.208E+02	-6.386E+02	5.336E+01	4.245E-17	-2.257E-17	1.571E+00	-3.121E+02	-6.473E+02	1.620E-01
9	2	2	1.761E-19	9.073E-18	5.448E-34	-3.197E+02	-6.373E+02	3.980E+01	9.073E-18	1.761E-19	1.571E+00	-3.148E+02	-6.422E+02	1.228E-01
9	2	3	-2.257E-17	4.245E-17	3.981E-33	-5.764E+02	-1.406E+02	3.425E+01	4.245E-17	-2.257E-17	1.571E+00	-1.379E+02	-5.791E+02	1.493E+00
9	2	4	1.761E-19	9.073E-18	5.448E-34	-5.754E+02	-1.392E+02	2.070E+01	9.073E-18	1.761E-19	1.571E+00	-1.383E+02	-5.763E+02	1.523E+00
9	2	5	-1.761E-19	-9.073E-18	-5.448E-34	-3.466E+02	-6.423E+02	4.528E+01	-1.761E-19	-9.073E-18	0.000E+00	-3.398E+02	-6.491E+02	1.486E-01

9	2	6	2.257E-17	-4.245E-17	-3.981E-33	-3.455E+02	-6.410E+02	3.172E+01	2.257E-17	-4.245E-17	0.000E+00	-3.422E+02	-6.443E+02	1.058E-01
9	2	7	-1.761E-19	-9.073E-18	-5.448E-34	-6.023E+02	-1.443E+02	2.617E+01	-1.761E-19	-9.073E-18	0.000E+00	-1.428E+02	-6.037E+02	1.514E+00
9	2	8	2.257E-17	-4.245E-17	-3.981E-33	-6.012E+02	-1.429E+02	1.261E+01	2.257E-17	-4.245E-17	0.000E+00	-1.426E+02	-6.015E+02	1.543E+00
9	2	9	-2.257E-17	4.245E-17	3.981E-33	-2.581E+02	-6.638E+02	3.028E+02	4.245E-17	-2.257E-17	1.571E+00	-9.651E+01	-8.255E+02	4.903E-01
9	2	10	1.761E-19	9.073E-18	5.448E-34	-2.571E+02	-6.625E+02	2.893E+02	9.073E-18	1.761E-19	1.571E+00	-1.066E+02	-8.130E+02	4.798E-01
9	2	11	-2.257E-17	4.245E-17	3.981E-33	-5.138E+02	-1.658E+02	2.837E+02	4.245E-17	-2.257E-17	1.571E+00	-6.991E+00	-6.726E+02	1.060E+00
9	2	12	1.761E-19	9.073E-18	5.448E-34	-5.127E+02	-1.645E+02	2.701E+02	9.073E-18	1.761E-19	1.571E+00	-1.718E+01	-6.600E+02	1.072E+00
9	2	13	-1.761E-19	-9.073E-18	-5.448E-34	-2.840E+02	-6.676E+02	2.947E+02	-1.761E-19	-9.073E-18	0.000E+00	-1.241E+02	-8.274E+02	4.969E-01
9	2	14	2.257E-17	-4.245E-17	-3.981E-33	-2.829E+02	-6.662E+02	2.812E+02	2.257E-17	-4.245E-17	0.000E+00	-1.343E+02	-8.148E+02	4.863E-01
9	2	15	-1.761E-19	-9.073E-18	-5.448E-34	-5.396E+02	-1.695E+02	2.756E+02	-1.761E-19	-9.073E-18	0.000E+00	-2.258E+01	-6.865E+02	1.081E+00
9	2	16	2.257E-17	-4.245E-17	-3.981E-33	-5.386E+02	-1.682E+02	2.621E+02	2.257E-17	-4.245E-17	0.000E+00	-3.246E+01	-6.743E+02	1.093E+00
9	3	1	5.461E-17	-1.517E-17	-8.545E-33	1.899E+02	-1.614E+03	3.162E+02	5.461E-17	-1.517E-17	0.000E+00	2.437E+02	-1.668E+03	1.686E-01
9	3	2	-5.438E-18	-5.975E-18	-6.585E-35	1.959E+02	-1.609E+03	3.015E+02	-5.438E-18	-5.975E-18	0.000E+00	2.449E+02	-1.658E+03	1.612E-01
9	3	3	5.461E-17	-1.517E-17	-8.545E-33	1.956E+02	-7.869E+02	3.871E+02	5.461E-17	-1.517E-17	0.000E+00	3.298E+02	-9.211E+02	3.337E-01
9	3	4	-5.438E-18	-5.975E-18	-6.585E-35	2.016E+02	-7.819E+02	3.725E+02	-5.438E-18	-5.975E-18	0.000E+00	3.268E+02	-9.070E+02	3.241E-01
9	3	5	5.438E-18	5.975E-18	6.585E-35	1.611E+02	-1.616E+03	3.089E+02	5.975E-18	5.438E-18	1.571E+00	2.133E+02	-1.668E+03	1.673E-01
9	3	6	-5.461E-17	1.517E-17	8.545E-33	1.672E+02	-1.611E+03	2.942E+02	1.517E-17	-5.461E-17	1.571E+00	2.146E+02	-1.658E+03	1.598E-01
9	3	7	5.438E-18	5.975E-18	6.585E-35	1.669E+02	-7.884E+02	3.798E+02	5.975E-18	5.438E-18	1.571E+00	2.995E+02	-9.210E+02	3.359E-01
9	3	8	-5.461E-17	1.517E-17	8.545E-33	1.729E+02	-7.834E+02	3.652E+02	1.517E-17	-5.461E-17	1.571E+00	2.964E+02	-9.069E+02	3.261E-01
9	3	9	5.461E-17	-1.517E-17	-8.545E-33	6.729E+01	-1.705E+03	5.843E+02	5.461E-17	-1.517E-17	0.000E+00	2.426E+02	-1.880E+03	2.915E-01
9	3	10	-5.438E-18	-5.975E-18	-6.585E-35	7.332E+01	-1.700E+03	5.697E+02	-5.438E-18	-5.975E-18	0.000E+00	2.406E+02	-1.867E+03	2.856E-01
9	3	11	5.461E-17	-1.517E-17	-8.545E-33	7.302E+01	-8.776E+02	6.553E+02	5.461E-17	-1.517E-17	0.000E+00	4.072E+02	-1.212E+03	4.716E-01
9	3	12	-5.438E-18	-5.975E-18	-6.585E-35	7.905E+01	-8.726E+02	6.407E+02	-5.438E-18	-5.975E-18	0.000E+00	4.013E+02	-1.195E+03	4.660E-01
9	3	13	5.438E-18	5.975E-18	6.585E-35	3.858E+01	-1.706E+03	5.771E+02	5.975E-18	5.438E-18	1.571E+00	2.122E+02	-1.880E+03	2.922E-01
9	3	14	-5.461E-17	1.517E-17	8.545E-33	4.461E+01	-1.701E+03	5.624E+02	1.517E-17	-5.461E-17	1.571E+00	2.101E+02	-1.867E+03	2.862E-01
9	3	15	5.438E-18	5.975E-18	6.585E-35	4.431E+01	-8.791E+02	6.480E+02	5.975E-18	5.438E-18	1.571E+00	3.783E+02	-1.213E+03	4.759E-01
9	3	16	-5.461E-17	1.517E-17	8.545E-33	5.035E+01	-8.742E+02	6.334E+02	1.517E-17	-5.461E-17	1.571E+00	3.722E+02	-1.196E+03	4.702E-01
9	4	1	-1.198E-17	7.209E-17	-5.147E-33	8.344E+02	-1.313E+03	-2.426E+02	7.209E-17	-1.198E-17	1.571E+00	8.615E+02	-1.340E+03	-1.111E-01
9	4	2	-7.558E-18	-2.342E-17	9.712E-34	8.466E+02	-1.307E+03	-2.538E+02	-7.558E-18	-2.342E-17	0.000E+00	8.761E+02	-1.336E+03	-1.157E-01
9	4	3	-1.198E-17	7.209E-17	-5.147E-33	1.028E+03	-8.744E+02	-1.715E+02	7.209E-17	-1.198E-17	1.571E+00	1.043E+03	-8.897E+02	-8.917E-02
9	4	4	-7.558E-18	-2.342E-17	9.712E-34	1.040E+03	-8.678E+02	-1.826E+02	-7.558E-18	-2.342E-17	0.000E+00	1.057E+03	-8.851E+02	-9.458E-02
9	4	5	7.558E-18	2.342E-17	-9.712E-34	8.119E+02	-1.305E+03	-2.408E+02	2.342E-17	7.558E-18	1.571E+00	8.389E+02	-1.332E+03	-1.119E-01
9	4	6	1.198E-17	-7.209E-17	5.147E-33	8.240E+02	-1.298E+03	-2.520E+02	1.198E-17	-7.209E-17	0.000E+00	8.535E+02	-1.328E+03	-1.166E-01
9	4	7	7.558E-18	2.342E-17	-9.712E-34	1.005E+03	-8.659E+02	-1.697E+02	2.342E-17	7.558E-18	1.571E+00	1.021E+03	-8.812E+02	-8.971E-02
9	4	8	1.198E-17	-7.209E-17	5.147E-33	1.018E+03	-8.593E+02	-1.809E+02	1.198E-17	-7.209E-17	0.000E+00	1.035E+03	-8.766E+02	-9.520E-02
9	4	9	-1.198E-17	7.209E-17	-5.147E-33	6.117E+02	-1.438E+03	-4.056E+01	7.209E-17	-1.198E-17	1.571E+00	6.125E+02	-1.439E+03	-1.978E-02
9	4	10	-7.558E-18	-2.342E-17	9.712E-34	6.239E+02	-1.432E+03	-5.174E+01	-7.558E-18	-2.342E-17	0.000E+00	6.252E+02	-1.433E+03	-2.515E-02
9	4	11	-1.198E-17	7.209E-17	-5.147E-33	8.053E+02	-9.994E+02	3.056E+01	7.209E-17	-1.198E-17	1.571E+00	8.058E+02	-9.999E+02	1.693E-02
9	4	12	-7.558E-18	-2.342E-17	9.712E-34	8.174E+02	-9.927E+02	1.939E+01	-7.558E-18	-2.342E-17	0.000E+00	8.177E+02	-9.929E+02	1.071E-02
9	4	13	7.558E-18	2.342E-17	-9.712E-34	5.891E+02	-1.430E+03	-3.880E+01	2.342E-17	7.558E-18	1.571E+00	5.899E+02	-1.430E+03	-1.921E-02
9	4	14	1.198E-17	-7.209E-17	5.147E-33	6.013E+02	-1.423E+03	-4.997E+01	1.198E-17	-7.209E-17	0.000E+00	6.025E+02	-1.424E+03	-2.467E-02
9	4	15	7.558E-18	2.342E-17	-9.712E-34	7.827E+02	-9.909E+02	3.233E+01	2.342E-17	7.558E-18	1.571E+00	7.833E+02	-9.914E+02	1.822E-02
9	4	16	1.198E-17	-7.209E-17	5.147E-33	7.949E+02	-9.842E+02	2.116E+01	1.198E-17	-7.209E-17	0.000E+00	7.951E+02	-9.845E+02	1.189E-02

10	1	1	1.134E-17	-4.575E-19	-1.534E-16	6.302E+01	-2.046E+03	5.902E+02	1.589E-16	-1.480E-16	0.000E+00	2.169E+02	-2.200E+03	2.551E-01
10	1	2	1.076E-17	-4.291E-18	-1.156E-16	7.022E+01	-2.034E+03	5.740E+02	1.191E-16	-1.126E-16	0.000E+00	2.166E+02	-2.180E+03	2.497E-01
10	1	3	1.134E-17	-4.575E-19	-1.534E-16	1.620E+02	-8.314E+02	6.894E+02	1.589E-16	-1.480E-16	0.000E+00	5.150E+02	-1.184E+03	4.732E-01
10	1	4	1.076E-17	-4.291E-18	-1.156E-16	1.692E+02	-8.194E+02	6.732E+02	1.191E-16	-1.126E-16	0.000E+00	5.101E+02	-1.160E+03	4.687E-01
10	1	5	-1.076E-17	4.291E-18	1.156E-16	4.030E+01	-2.003E+03	5.792E+02	1.126E-16	-1.191E-16	1.571E+00	1.931E+02	-2.156E+03	2.579E-01
10	1	6	-1.134E-17	4.575E-19	1.534E-16	4.751E+01	-1.991E+03	5.631E+02	1.480E-16	-1.589E-16	1.571E+00	1.927E+02	-2.137E+03	2.523E-01
10	1	7	-1.076E-17	4.291E-18	1.156E-16	1.392E+02	-7.887E+02	6.785E+02	1.126E-16	-1.191E-16	1.571E+00	4.972E+02	-1.147E+03	4.855E-01
10	1	8	-1.134E-17	4.575E-19	1.534E-16	1.464E+02	-7.768E+02	6.623E+02	1.480E-16	-1.589E-16	1.571E+00	4.922E+02	-1.122E+03	4.811E-01
10	1	9	1.134E-17	-4.575E-19	-1.534E-16	-7.324E+01	-2.299E+03	8.876E+02	1.589E-16	-1.480E-16	0.000E+00	2.374E+02	-2.609E+03	3.366E-01
10	1	10	1.076E-17	-4.291E-18	-1.156E-16	-6.603E+01	-2.287E+03	8.714E+02	1.191E-16	-1.126E-16	0.000E+00	2.351E+02	-2.588E+03	3.327E-01
10	1	11	1.134E-17	-4.575E-19	-1.534E-16	2.570E+01	-1.084E+03	9.868E+02	1.589E-16	-1.480E-16	0.000E+00	6.029E+02	-1.661E+03	5.293E-01
10	1	12	1.076E-17	-4.291E-18	-1.156E-16	3.290E+01	-1.072E+03	9.707E+02	1.191E-16	-1.126E-16	0.000E+00	5.972E+02	-1.637E+03	5.266E-01
10	1	13	-1.076E-17	4.291E-18	1.156E-16	-9.595E+01	-2.256E+03	8.767E+02	1.126E-16	-1.191E-16	1.571E+00	2.150E+02	-2.567E+03	3.409E-01
10	1	14	-1.134E-17	4.575E-19	1.534E-16	-8.875E+01	-2.244E+03	8.605E+02	1.480E-16	-1.589E-16	1.571E+00	2.126E+02	-2.546E+03	3.369E-01
10	1	15	-1.076E-17	4.291E-18	1.156E-16	2.982E+00	-1.042E+03	9.759E+02	1.126E-16	-1.191E-16	1.571E+00	5.876E+02	-1.626E+03	5.397E-01
10	1	16	-1.134E-17	4.575E-19	1.534E-16	1.019E+01	-1.030E+03	9.597E+02	1.480E-16	-1.589E-16	1.571E+00	5.818E+02	-1.601E+03	5.372E-01
10	2	1	-1.570E-16	1.618E-16	1.952E-32	-1.354E+03	-2.693E+03	2.402E+02	1.618E-16	-1.570E-16	1.571E+00	-1.312E+03	-2.734E+03	1.723E-01
10	2	2	-1.196E-16	1.235E-16	1.488E-32	-1.357E+03	-2.691E+03	2.189E+02	1.235E-16	-1.196E-16	1.571E+00	-1.322E+03	-2.726E+03	1.585E-01
10	2	3	-1.570E-16	1.618E-16	1.952E-32	-1.562E+03	-6.595E+02	2.189E+02	1.618E-16	-1.570E-16	1.571E+00	-6.092E+02	-1.612E+03	1.345E+00
10	2	4	-1.196E-16	1.235E-16	1.488E-32	-1.564E+03	-6.575E+02	1.975E+02	1.235E-16	-1.196E-16	1.571E+00	-6.163E+02	-1.605E+03	1.365E+00
10	2	5	1.196E-16	-1.235E-16	-1.488E-32	-1.395E+03	-2.697E+03	2.117E+02	1.196E-16	-1.235E-16	0.000E+00	-1.362E+03	-2.731E+03	1.572E-01
10	2	6	1.570E-16	-1.618E-16	-1.952E-32	-1.398E+03	-2.695E+03	1.904E+02	1.570E-16	-1.618E-16	0.000E+00	-1.370E+03	-2.723E+03	1.427E-01
10	2	7	1.196E-16	-1.235E-16	-1.488E-32	-1.603E+03	-6.642E+02	1.904E+02	1.196E-16	-1.235E-16	0.000E+00	-6.270E+02	-1.640E+03	1.378E+00
10	2	8	1.570E-16	-1.618E-16	-1.952E-32	-1.605E+03	-6.622E+02	1.690E+02	1.570E-16	-1.618E-16	0.000E+00	-6.328E+02	-1.635E+03	1.399E+00
10	2	9	-1.570E-16	1.618E-16	1.952E-32	-1.238E+03	-2.729E+03	6.429E+02	1.618E-16	-1.570E-16	1.571E+00	-9.992E+02	-2.968E+03	3.558E-01
10	2	10	-1.196E-16	1.235E-16	1.488E-32	-1.241E+03	-2.727E+03	6.216E+02	1.235E-16	-1.196E-16	1.571E+00	-1.015E+03	-2.953E+03	3.482E-01
10	2	11	-1.570E-16	1.618E-16	1.952E-32	-1.446E+03	-6.962E+02	6.216E+02	1.618E-16	-1.570E-16	1.571E+00	-3.451E+02	-1.797E+03	1.057E+00
10	2	12	-1.196E-16	1.235E-16	1.488E-32	-1.448E+03	-6.942E+02	6.002E+02	1.235E-16	-1.196E-16	1.571E+00	-3.624E+02	-1.780E+03	1.066E+00
10	2	13	1.196E-16	-1.235E-16	-1.488E-32	-1.279E+03	-2.734E+03	6.144E+02	1.196E-16	-1.235E-16	0.000E+00	-1.054E+03	-2.959E+03	3.507E-01
10	2	14	1.570E-16	-1.618E-16	-1.952E-32	-1.282E+03	-2.732E+03	5.931E+02	1.570E-16	-1.618E-16	0.000E+00	-1.070E+03	-2.944E+03	3.428E-01
10	2	15	1.196E-16	-1.235E-16	-1.488E-32	-1.487E+03	-7.008E+02	5.931E+02	1.196E-16	-1.235E-16	0.000E+00	-3.824E+02	-1.805E+03	1.078E+00
10	2	16	1.570E-16	-1.618E-16	-1.952E-32	-1.489E+03	-6.989E+02	5.717E+02	1.570E-16	-1.618E-16	0.000E+00	-3.991E+02	-1.789E+03	1.088E+00
10	3	1	1.546E-16	-1.525E-16	-3.761E-32	-3.173E+02	-3.707E+03	9.488E+02	1.546E-16	-1.525E-16	0.000E+00	-6.980E+01	-3.955E+03	2.552E-01
10	3	2	1.144E-16	-1.167E-16	-2.830E-32	-3.128E+02	-3.688E+03	9.225E+02	1.144E-16	-1.167E-16	0.000E+00	-7.714E+01	-3.924E+03	2.501E-01
10	3	3	1.546E-16	-1.525E-16	-3.761E-32	-2.025E+01	-9.764E+02	8.825E+02	1.546E-16	-1.525E-16	0.000E+00	5.053E+02	-1.502E+03	5.372E-01
10	3	4	1.144E-16	-1.167E-16	-2.830E-32	-1.580E+01	-9.571E+02	8.562E+02	1.144E-16	-1.167E-16	0.000E+00	4.906E+02	-1.464E+03	5.341E-01
10	3	5	-1.144E-16	1.167E-16	2.830E-32	-3.707E+02	-3.702E+03	9.198E+02	1.167E-16	-1.144E-16	1.571E+00	-1.336E+02	-3.939E+03	2.522E-01
10	3	6	-1.546E-16	1.525E-16	3.761E-32	-3.662E+02	-3.683E+03	8.935E+02	1.525E-16	-1.546E-16	1.571E+00	-1.409E+02	-3.908E+03	2.471E-01
10	3	7	-1.144E-16	1.167E-16	2.830E-32	-7.365E+01	-9.714E+02	8.534E+02	1.167E-16	-1.144E-16	1.571E+00	4.417E+02	-1.487E+03	5.433E-01
10	3	8	-1.546E-16	1.525E-16	3.761E-32	-6.921E+01	-9.522E+02	8.272E+02	1.525E-16	-1.546E-16	1.571E+00	4.269E+02	-1.448E+03	5.403E-01
10	3	9	1.546E-16	-1.525E-16	-3.761E-32	-1.744E+02	-4.062E+03	1.441E+03	1.546E-16	-1.525E-16	0.000E+00	3.015E+02	-4.538E+03	3.190E-01
10	3	10	1.144E-16	-1.167E-16	-2.830E-32	-1.700E+02	-4.042E+03	1.415E+03	1.144E-16	-1.167E-16	0.000E+00	2.918E+02	-4.504E+03	3.155E-01
10	3	11	1.546E-16	-1.525E-16	-3.761E-32	1.226E+02	-1.331E+03	1.375E+03	1.546E-16	-1.525E-16	0.000E+00	9.509E+02	-2.159E+03	5.423E-01

10	3	12	1.144E-16	-1.167E-16	-2.830E-32	1.270E+02	-1.312E+03	1.349E+03	1.144E-16	-1.167E-16	0.000E+00	9.361E+02	-2.121E+03	5.404E-01
10	3	13	-1.144E-16	1.167E-16	2.830E-32	-2.278E+02	-4.057E+03	1.412E+03	1.167E-16	-1.144E-16	1.571E+00	2.366E+02	-4.521E+03	3.178E-01
10	3	14	-1.546E-16	1.525E-16	3.761E-32	-2.234E+02	-4.037E+03	1.386E+03	1.525E-16	-1.546E-16	1.571E+00	2.269E+02	-4.488E+03	3.142E-01
10	3	15	-1.144E-16	1.167E-16	2.830E-32	6.920E+01	-1.326E+03	1.346E+03	1.167E-16	-1.144E-16	1.571E+00	8.874E+02	-2.144E+03	5.463E-01
10	3	16	-1.546E-16	1.525E-16	3.761E-32	7.365E+01	-1.307E+03	1.319E+03	1.525E-16	-1.546E-16	1.571E+00	8.725E+02	-2.106E+03	5.444E-01
10	4	1	-1.434E-16	1.517E-16	-1.807E-32	1.289E+03	-4.216E+03	2.434E+02	1.517E-16	-1.434E-16	1.571E+00	1.300E+03	-4.227E+03	4.410E-02
10	4	2	-1.094E-16	1.097E-16	-1.341E-32	1.303E+03	-4.182E+03	2.272E+02	1.097E-16	-1.094E-16	1.571E+00	1.312E+03	-4.191E+03	4.134E-02
10	4	3	-1.434E-16	1.517E-16	-1.807E-32	1.836E+03	-1.711E+03	3.122E+02	1.517E-16	-1.434E-16	1.571E+00	1.863E+03	-1.738E+03	8.713E-02
10	4	4	-1.094E-16	1.097E-16	-1.341E-32	1.849E+03	-1.677E+03	2.960E+02	1.097E-16	-1.094E-16	1.571E+00	1.874E+03	-1.701E+03	8.318E-02
10	4	5	1.094E-16	-1.097E-16	1.341E-32	1.254E+03	-4.160E+03	2.481E+02	1.094E-16	-1.097E-16	0.000E+00	1.265E+03	-4.171E+03	4.570E-02
10	4	6	1.434E-16	-1.517E-16	1.807E-32	1.268E+03	-4.125E+03	2.319E+02	1.434E-16	-1.517E-16	0.000E+00	1.278E+03	-4.135E+03	4.290E-02
10	4	7	1.094E-16	-1.097E-16	1.341E-32	1.800E+03	-1.655E+03	3.169E+02	1.094E-16	-1.097E-16	0.000E+00	1.829E+03	-1.684E+03	9.071E-02
10	4	8	1.434E-16	-1.517E-16	1.807E-32	1.814E+03	-1.621E+03	3.008E+02	1.434E-16	-1.517E-16	0.000E+00	1.840E+03	-1.647E+03	8.669E-02
10	4	9	-1.434E-16	1.517E-16	-1.807E-32	1.032E+03	-4.875E+03	5.354E+02	1.517E-16	-1.434E-16	1.571E+00	1.080E+03	-4.924E+03	8.966E-02
10	4	10	-1.094E-16	1.097E-16	-1.341E-32	1.046E+03	-4.841E+03	5.193E+02	1.097E-16	-1.094E-16	1.571E+00	1.092E+03	-4.887E+03	8.730E-02
10	4	11	-1.434E-16	1.517E-16	-1.807E-32	1.579E+03	-2.371E+03	6.042E+02	1.517E-16	-1.434E-16	1.571E+00	1.669E+03	-2.461E+03	1.485E-01
10	4	12	-1.094E-16	1.097E-16	-1.341E-32	1.592E+03	-2.336E+03	5.881E+02	1.097E-16	-1.094E-16	1.571E+00	1.679E+03	-2.422E+03	1.454E-01
10	4	13	1.094E-16	-1.097E-16	1.341E-32	9.968E+02	-4.819E+03	5.401E+02	1.094E-16	-1.097E-16	0.000E+00	1.047E+03	-4.869E+03	9.182E-02
10	4	14	1.434E-16	-1.517E-16	1.807E-32	1.011E+03	-4.785E+03	5.240E+02	1.434E-16	-1.517E-16	0.000E+00	1.058E+03	-4.832E+03	8.944E-02
10	4	15	1.094E-16	-1.097E-16	1.341E-32	1.543E+03	-2.314E+03	6.089E+02	1.094E-16	-1.097E-16	0.000E+00	1.637E+03	-2.408E+03	1.529E-01
10	4	16	1.434E-16	-1.517E-16	1.807E-32	1.557E+03	-2.280E+03	5.928E+02	1.434E-16	-1.517E-16	0.000E+00	1.647E+03	-2.370E+03	1.498E-01
11	1	1	2.355E-14	1.571E-13	-2.712E-14	-1.713E+02	-3.315E+03	1.504E+03	1.624E-13	1.826E-14	1.571E+00	4.321E+02	-3.919E+03	3.816E-01
11	1	2	2.200E-14	1.467E-13	-2.512E-14	-1.636E+02	-3.276E+03	1.470E+03	1.516E-13	1.713E-14	1.571E+00	4.209E+02	-3.860E+03	3.785E-01
11	1	3	-6.814E-14	-4.542E-13	8.729E-14	2.520E+02	-1.162E+02	1.178E+03	-4.932E-14	-4.731E-13	0.000E+00	1.260E+03	-1.124E+03	7.078E-01
11	1	4	-6.969E-14	-4.646E-13	8.929E-14	2.598E+02	-7.673E+01	1.144E+03	-5.044E-14	-4.838E-13	0.000E+00	1.248E+03	-1.064E+03	7.124E-01
11	1	5	2.132E-14	1.421E-13	-3.099E-14	-2.083E+02	-3.185E+03	1.450E+03	1.496E-13	1.383E-14	1.571E+00	3.814E+02	-3.775E+03	3.862E-01
11	1	6	1.977E-14	1.318E-13	-2.900E-14	-2.005E+02	-3.146E+03	1.416E+03	1.388E-13	1.270E-14	1.571E+00	3.700E+02	-3.717E+03	3.829E-01
11	1	7	-7.038E-14	-4.692E-13	8.342E-14	2.151E+02	1.342E+01	1.124E+03	-5.363E-14	-4.859E-13	0.000E+00	1.243E+03	-1.014E+03	7.407E-01
11	1	8	-7.193E-14	-4.795E-13	8.541E-14	2.228E+02	5.293E+01	1.090E+03	-5.475E-14	-4.967E-13	0.000E+00	1.231E+03	-9.557E+02	7.465E-01
11	1	9	5.328E-14	3.552E-13	-6.296E-14	-3.291E+02	-4.142E+03	2.150E+03	3.678E-13	4.067E-14	1.571E+00	6.383E+02	-5.109E+03	4.227E-01
11	1	10	5.172E-14	3.449E-13	-6.096E-14	-3.214E+02	-4.102E+03	2.117E+03	3.570E-13	3.955E-14	1.571E+00	6.260E+02	-5.050E+03	4.209E-01
11	1	11	-3.842E-14	-2.561E-13	5.145E-14	9.422E+01	-9.430E+02	1.824E+03	-2.687E-14	-2.676E-13	0.000E+00	1.472E+03	-2.321E+03	6.469E-01
11	1	12	-3.997E-14	-2.664E-13	5.345E-14	1.020E+02	-9.035E+02	1.790E+03	-2.799E-14	-2.784E-13	0.000E+00	1.459E+03	-2.260E+03	6.485E-01
11	1	13	5.104E-14	3.402E-13	-6.683E-14	-3.661E+02	-4.012E+03	2.097E+03	3.549E-13	3.634E-14	1.571E+00	5.895E+02	-4.968E+03	4.276E-01
11	1	14	4.949E-14	3.299E-13	-6.484E-14	-3.583E+02	-3.973E+03	2.063E+03	3.442E-13	3.522E-14	1.571E+00	5.771E+02	-4.908E+03	4.257E-01
11	1	15	-4.065E-14	-2.711E-13	4.758E-14	5.726E+01	-8.133E+02	1.771E+03	-3.122E-14	-2.805E-13	0.000E+00	1.445E+03	-2.201E+03	6.649E-01
11	1	16	-4.221E-14	-2.814E-13	4.957E-14	6.502E+01	-7.738E+02	1.737E+03	-3.234E-14	-2.913E-13	0.000E+00	1.432E+03	-2.141E+03	6.669E-01
11	2	1	-1.009E-13	1.445E-13	1.491E-29	-3.485E+03	-2.460E+03	4.415E+02	1.445E-13	-1.009E-13	1.571E+00	-2.296E+03	-3.649E+03	1.215E+00
11	2	2	-9.975E-14	1.405E-13	1.459E-29	-3.499E+03	-2.457E+03	3.909E+02	1.405E-13	-9.975E-14	1.571E+00	-2.326E+03	-3.629E+03	1.249E+00
11	2	3	-3.182E-14	-9.037E-14	-3.703E-30	-3.565E+03	-3.393E+02	1.803E+02	-3.182E-14	-9.037E-14	0.000E+00	-3.293E+02	-3.575E+03	1.515E+00
11	2	4	-3.062E-14	-9.440E-14	-4.023E-30	-3.580E+03	-3.363E+02	1.297E+02	-3.062E-14	-9.440E-14	0.000E+00	-3.312E+02	-3.585E+03	1.531E+00
11	2	5	-9.380E-14	1.433E-13	1.440E-29	-3.545E+03	-2.468E+03	3.520E+02	1.433E-13	-9.380E-14	1.571E+00	-2.363E+03	-3.650E+03	1.281E+00
11	2	6	-9.260E-14	1.392E-13	1.408E-29	-3.559E+03	-2.465E+03	3.013E+02	1.392E-13	-9.260E-14	1.571E+00	-2.388E+03	-3.637E+03	1.319E+00

11	2	7	-2.467E-14	-9.162E-14	-4.218E-30	-3.625E+03	-3.479E+02	9.076E+01	-2.467E-14	-9.162E-14	0.000E+00	-3.454E+02	-3.628E+03	1.543E+00
11	2	8	-2.348E-14	-9.565E-14	-4.537E-30	-3.640E+03	-3.449E+02	4.009E+01	-2.348E-14	-9.565E-14	0.000E+00	-3.444E+02	-3.640E+03	1.559E+00
11	2	9	-2.355E-14	1.101E-13	8.304E-30	-3.169E+03	-2.516E+03	1.419E+03	1.101E-13	-2.355E-14	1.571E+00	-1.386E+03	-4.299E+03	8.985E-01
11	2	10	-2.235E-14	1.061E-13	7.984E-30	-3.183E+03	-2.513E+03	1.368E+03	1.061E-13	-2.235E-14	1.571E+00	-1.439E+03	-4.257E+03	9.056E-01
11	2	11	4.558E-14	-1.248E-13	-1.031E-29	-3.250E+03	-3.956E+02	1.158E+03	4.558E-14	-1.248E-13	0.000E+00	1.502E+01	-3.660E+03	1.230E+00
11	2	12	4.677E-14	-1.288E-13	-1.063E-29	-3.264E+03	-3.926E+02	1.107E+03	4.677E-14	-1.288E-13	0.000E+00	-1.527E+01	-3.641E+03	1.242E+00
11	2	13	-1.640E-14	1.089E-13	7.790E-30	-3.229E+03	-2.524E+03	1.329E+03	1.089E-13	-1.640E-14	1.571E+00	-1.501E+03	-4.252E+03	9.150E-01
11	2	14	-1.521E-14	1.049E-13	7.470E-30	-3.243E+03	-2.521E+03	1.279E+03	1.049E-13	-1.521E-14	1.571E+00	-1.554E+03	-4.211E+03	9.230E-01
11	2	15	5.272E-14	-1.260E-13	-1.083E-29	-3.310E+03	-4.042E+02	1.068E+03	5.272E-14	-1.260E-13	0.000E+00	-5.369E+01	-3.660E+03	1.254E+00
11	2	16	5.392E-14	-1.300E-13	-1.115E-29	-3.324E+03	-4.012E+02	1.018E+03	5.392E-14	-1.300E-13	0.000E+00	-8.178E+01	-3.643E+03	1.267E+00
11	3	1	3.656E-13	-1.653E-13	-6.307E-29	-4.339E+02	-1.714E+03	1.880E+03	3.656E-13	-1.653E-13	0.000E+00	9.117E+02	-3.059E+03	6.213E-01
11	3	2	3.544E-13	-1.662E-13	-6.180E-29	-4.413E+02	-1.658E+03	1.812E+03	3.544E-13	-1.662E-13	0.000E+00	8.619E+02	-2.961E+03	6.234E-01
11	3	3	-2.936E-13	-2.123E-13	1.191E-29	1.823E+02	3.015E+03	-6.624E+01	-2.123E-13	-2.936E-13	1.571E+00	3.017E+03	1.808E+02	1.594E+00
11	3	4	-3.048E-13	-2.131E-13	1.318E-29	1.750E+02	3.070E+03	-1.336E+02	-2.131E-13	-3.048E-13	1.571E+00	3.077E+03	1.689E+02	1.617E+00
11	3	5	3.435E-13	-1.495E-13	-5.842E-29	-5.681E+02	-1.681E+03	1.765E+03	3.435E-13	-1.495E-13	0.000E+00	7.260E+02	-2.975E+03	6.327E-01
11	3	6	3.323E-13	-1.503E-13	-5.715E-29	-5.754E+02	-1.625E+03	1.697E+03	3.323E-13	-1.503E-13	0.000E+00	6.764E+02	-2.877E+03	6.354E-01
11	3	7	-3.158E-13	-1.965E-13	1.656E-29	4.814E+01	3.048E+03	-1.810E+02	-1.965E-13	-3.158E-13	1.571E+00	3.059E+03	3.726E+01	1.631E+00
11	3	8	-3.269E-13	-1.973E-13	1.783E-29	4.082E+01	3.103E+03	-2.484E+02	-1.973E-13	-3.269E-13	1.571E+00	3.123E+03	2.080E+01	1.651E+00
11	3	9	3.190E-13	6.290E-14	-3.331E-29	-6.801E+01	-2.745E+03	3.177E+03	3.190E-13	6.290E-14	0.000E+00	2.041E+03	-4.854E+03	5.861E-01
11	3	10	3.078E-13	6.209E-14	-3.204E-29	-7.534E+01	-2.689E+03	3.110E+03	3.078E-13	6.209E-14	0.000E+00	1.991E+03	-4.756E+03	5.865E-01
11	3	11	-3.403E-13	1.592E-14	4.167E-29	5.482E+02	1.984E+03	1.231E+03	1.592E-14	-3.403E-13	1.571E+00	2.691E+03	-1.594E+02	1.049E+00
11	3	12	-3.515E-13	1.511E-14	4.294E-29	5.409E+02	2.039E+03	1.164E+03	1.511E-14	-3.515E-13	1.571E+00	2.674E+03	-9.426E+01	1.071E+00
11	3	13	2.968E-13	7.876E-14	-2.866E-29	-2.022E+02	-2.712E+03	3.063E+03	2.968E-13	7.876E-14	0.000E+00	1.853E+03	-4.767E+03	5.910E-01
11	3	14	2.857E-13	7.795E-14	-2.739E-29	-2.095E+02	-2.656E+03	2.995E+03	2.857E-13	7.795E-14	0.000E+00	1.802E+03	-4.668E+03	5.915E-01
11	3	15	-3.624E-13	3.179E-14	4.632E-29	4.141E+02	2.017E+03	1.117E+03	3.179E-14	-3.624E-13	1.571E+00	2.590E+03	-1.591E+02	1.097E+00
11	3	16	-3.736E-13	3.098E-14	4.759E-29	4.067E+02	2.072E+03	1.049E+03	3.098E-14	-3.736E-13	1.571E+00	2.579E+03	-1.002E+02	1.121E+00
11	4	1	-3.255E-13	6.566E-13	-5.951E-29	2.900E+03	-4.125E+03	7.355E+02	6.566E-13	-3.255E-13	1.571E+00	2.976E+03	-4.201E+03	1.032E-01
11	4	2	-3.260E-13	6.360E-13	-5.828E-29	2.912E+03	-4.019E+03	7.060E+02	6.360E-13	-3.260E-13	1.571E+00	2.984E+03	-4.090E+03	1.005E-01
11	4	3	-3.526E-13	-5.598E-13	1.330E-29	3.829E+03	3.018E+03	9.452E+02	-3.526E-13	-5.598E-13	0.000E+00	4.452E+03	2.395E+03	5.828E-01
11	4	4	-3.531E-13	-5.804E-13	1.453E-29	3.842E+03	3.125E+03	9.158E+02	-3.531E-13	-5.804E-13	0.000E+00	4.467E+03	2.500E+03	5.989E-01
11	4	5	-3.152E-13	6.169E-13	-5.646E-29	2.786E+03	-3.937E+03	7.457E+02	6.169E-13	-3.152E-13	1.571E+00	2.868E+03	-4.019E+03	1.091E-01
11	4	6	-3.157E-13	5.963E-13	-5.522E-29	2.799E+03	-3.831E+03	7.163E+02	5.963E-13	-3.157E-13	1.571E+00	2.875E+03	-3.907E+03	1.064E-01
11	4	7	-3.423E-13	-5.994E-13	1.636E-29	3.715E+03	3.206E+03	9.555E+02	-3.423E-13	-5.994E-13	0.000E+00	4.450E+03	2.472E+03	6.552E-01
11	4	8	-3.428E-13	-6.200E-13	1.759E-29	3.728E+03	3.313E+03	9.261E+02	-3.428E-13	-6.200E-13	0.000E+00	4.469E+03	2.571E+03	6.751E-01
11	4	9	9.472E-14	6.153E-13	-3.249E-29	3.234E+03	-6.189E+03	1.267E+03	6.153E-13	9.472E-14	1.571E+00	3.401E+03	-6.356E+03	1.313E-01
11	4	10	9.425E-14	5.947E-13	-3.126E-29	3.247E+03	-6.083E+03	1.237E+03	5.947E-13	9.425E-14	1.571E+00	3.408E+03	-6.244E+03	1.296E-01
11	4	11	6.761E-14	-6.010E-13	4.032E-29	4.163E+03	9.542E+02	1.476E+03	6.761E-14	-6.010E-13	0.000E+00	4.739E+03	3.783E+02	3.719E-01
11	4	12	6.714E-14	-6.216E-13	4.156E-29	4.176E+03	1.061E+03	1.447E+03	6.714E-14	-6.216E-13	0.000E+00	4.744E+03	4.923E+02	3.743E-01
11	4	13	1.050E-13	5.756E-13	-2.943E-29	3.121E+03	-6.001E+03	1.277E+03	5.756E-13	1.050E-13	1.571E+00	3.296E+03	-6.176E+03	1.365E-01
11	4	14	1.045E-13	5.551E-13	-2.820E-29	3.133E+03	-5.895E+03	1.247E+03	5.551E-13	1.045E-13	1.571E+00	3.302E+03	-6.064E+03	1.348E-01
11	4	15	7.791E-14	-6.407E-13	4.338E-29	4.050E+03	1.142E+03	1.487E+03	7.791E-14	-6.407E-13	0.000E+00	4.675E+03	5.168E+02	3.983E-01
11	4	16	7.744E-14	-6.613E-13	4.461E-29	4.062E+03	1.249E+03	1.457E+03	7.744E-14	-6.613E-13	0.000E+00	4.681E+03	6.302E+02	4.015E-01
12	1	1	-6.186E-14	-4.490E-13	-1.485E-14	-7.998E+01	4.445E+01	1.991E+03	-6.129E-14	-4.495E-13	0.000E+00	1.974E+03	-2.009E+03	8.010E-01

12	1	2	-5.755E-14	-4.193E-13	-1.324E-14	-9.880E+01	2.815E+01	1.908E+03	-5.707E-14	-4.198E-13	0.000E+00	1.874E+03	-1.945E+03	8.020E-01
12	1	3	1.942E-13	1.296E-12	8.272E-14	-2.166E+02	-1.467E+01	-7.681E+02	1.302E-12	1.880E-13	1.571E+00	6.591E+02	-8.904E+02	2.291E+00
12	1	4	1.985E-13	1.325E-12	8.432E-14	-2.355E+02	-3.097E+01	-8.506E+02	1.332E-12	1.922E-13	1.571E+00	7.235E+02	-9.899E+02	2.296E+00
12	1	5	-3.464E-14	-3.945E-13	1.018E-14	-2.308E+02	-1.420E+01	1.855E+03	-3.435E-14	-3.948E-13	0.000E+00	1.735E+03	-1.980E+03	8.146E-01
12	1	6	-3.034E-14	-3.648E-13	1.178E-14	-2.497E+02	-3.050E+01	1.772E+03	-2.993E-14	-3.652E-13	0.000E+00	1.635E+03	-1.916E+03	8.163E-01
12	1	7	2.214E-13	1.350E-12	1.077E-13	-3.675E+02	-7.332E+01	-9.042E+02	1.360E-12	2.112E-13	1.571E+00	6.957E+02	-1.137E+03	2.276E+00
12	1	8	2.257E-13	1.380E-12	1.093E-13	-3.863E+02	-8.962E+01	-9.867E+02	1.390E-12	2.154E-13	1.571E+00	7.598E+02	-1.236E+03	2.282E+00
12	1	9	-1.711E-13	-1.024E-12	-8.674E-14	4.532E+02	3.912E+02	3.576E+03	-1.624E-13	-1.032E-12	0.000E+00	3.999E+03	-3.154E+03	7.811E-01
12	1	10	-1.668E-13	-9.939E-13	-8.514E-14	4.343E+02	3.749E+02	3.494E+03	-1.582E-13	-1.003E-12	0.000E+00	3.899E+03	-3.089E+03	7.811E-01
12	1	11	8.492E-14	7.211E-13	1.082E-14	3.165E+02	3.321E+02	8.175E+02	7.213E-13	8.473E-14	1.571E+00	1.142E+03	-4.932E+02	7.902E-01
12	1	12	8.922E-14	7.508E-13	1.242E-14	2.977E+02	3.158E+02	7.350E+02	7.510E-13	8.899E-14	1.571E+00	1.042E+03	-4.283E+02	7.915E-01
12	1	13	-1.439E-13	-9.691E-13	-6.172E-14	3.023E+02	3.325E+02	3.440E+03	-1.393E-13	-9.737E-13	0.000E+00	3.758E+03	-3.123E+03	7.876E-01
12	1	14	-1.396E-13	-9.394E-13	-6.012E-14	2.835E+02	3.162E+02	3.358E+03	-1.351E-13	-9.439E-13	0.000E+00	3.658E+03	-3.058E+03	7.878E-01
12	1	15	1.121E-13	7.756E-13	3.584E-14	1.656E+02	2.734E+02	6.814E+02	7.775E-13	1.102E-13	1.571E+00	9.030E+02	-4.639E+02	8.249E-01
12	1	16	1.164E-13	8.052E-13	3.745E-14	1.468E+02	2.571E+02	5.989E+02	8.073E-13	1.144E-13	1.571E+00	8.034E+02	-3.995E+02	8.313E-01
12	2	1	-1.283E-13	1.076E-13	1.438E-29	-5.777E+03	-8.983E+02	-2.846E+01	1.076E-13	-1.283E-13	1.571E+00	-8.981E+02	-5.777E+03	1.577E+00
12	2	2	-1.252E-13	1.059E-13	1.409E-29	-5.778E+03	-9.273E+02	-9.970E+01	1.059E-13	-1.252E-13	1.571E+00	-9.252E+02	-5.780E+03	1.591E+00
12	2	3	5.609E-14	7.786E-15	-3.022E-30	-3.756E+03	9.167E+02	-8.982E+02	5.609E-14	7.786E-15	0.000E+00	1.083E+03	-3.922E+03	1.754E+00
12	2	4	5.922E-14	6.068E-15	-3.319E-30	-3.757E+03	8.877E+02	-9.694E+02	5.922E-14	6.068E-15	0.000E+00	1.082E+03	-3.951E+03	1.769E+00
12	2	5	-1.144E-13	1.078E-13	1.354E-29	-5.824E+03	-1.066E+03	-1.451E+02	1.078E-13	-1.144E-13	1.571E+00	-1.062E+03	-5.828E+03	1.601E+00
12	2	6	-1.113E-13	1.061E-13	1.324E-29	-5.825E+03	-1.095E+03	-2.163E+02	1.061E-13	-1.113E-13	1.571E+00	-1.085E+03	-5.835E+03	1.616E+00
12	2	7	7.001E-14	7.950E-15	-3.865E-30	-3.803E+03	7.489E+02	-1.015E+03	7.001E-14	7.950E-15	0.000E+00	9.649E+02	-4.019E+03	1.781E+00
12	2	8	7.314E-14	6.232E-15	-4.161E-30	-3.804E+03	7.199E+02	-1.086E+03	7.314E-14	6.232E-15	0.000E+00	9.671E+02	-4.051E+03	1.795E+00
12	2	9	-9.305E-14	3.232E-14	7.741E-30	-5.656E+03	-1.894E+02	1.340E+03	3.232E-14	-9.305E-14	1.571E+00	1.216E+02	-5.967E+03	1.343E+00
12	2	10	-8.993E-14	3.060E-14	7.444E-30	-5.658E+03	-2.184E+02	1.269E+03	3.060E-14	-8.993E-14	1.571E+00	6.317E+01	-5.940E+03	1.352E+00
12	2	11	9.136E-14	-6.753E-14	-9.665E-30	-3.635E+03	1.626E+03	4.708E+02	9.136E-14	-6.753E-14	0.000E+00	1.667E+03	-3.677E+03	1.482E+00
12	2	12	9.449E-14	-6.925E-14	-9.961E-30	-3.637E+03	1.597E+03	3.995E+02	9.449E-14	-6.925E-14	0.000E+00	1.627E+03	-3.667E+03	1.495E+00
12	2	13	-7.913E-14	3.248E-14	6.898E-30	-5.703E+03	-3.572E+02	1.224E+03	3.248E-14	-7.913E-14	1.571E+00	-9.035E+01	-5.970E+03	1.356E+00
12	2	14	-7.601E-14	3.076E-14	6.602E-30	-5.705E+03	-3.862E+02	1.153E+03	3.076E-14	-7.601E-14	1.571E+00	-1.472E+02	-5.944E+03	1.366E+00
12	2	15	1.053E-13	-6.737E-14	-1.051E-29	-3.682E+03	1.458E+03	3.542E+02	1.053E-13	-6.737E-14	0.000E+00	1.482E+03	-3.706E+03	1.502E+00
12	2	16	1.084E-13	-6.908E-14	-1.080E-29	-3.684E+03	1.429E+03	2.829E+02	1.084E-13	-6.908E-14	0.000E+00	1.444E+03	-3.699E+03	1.516E+00
12	3	1	3.693E-13	-8.767E-13	-1.538E-28	-2.679E+02	-8.885E+02	-3.732E+02	3.693E-13	-8.767E-13	0.000E+00	-9.284E+01	-1.064E+03	-4.385E-01
12	3	2	3.734E-13	-8.468E-13	-1.506E-28	-2.957E+02	-9.268E+02	-4.458E+02	3.734E-13	-8.468E-13	0.000E+00	-6.509E+01	-1.157E+03	-4.774E-01
12	3	3	6.121E-13	8.841E-13	3.212E-29	-3.782E+02	-7.204E+02	-1.909E+03	8.841E-13	6.121E-13	1.571E+00	1.367E+03	-2.466E+03	-7.407E-01
12	3	4	6.162E-13	9.140E-13	3.527E-29	-4.061E+02	-7.587E+02	-1.981E+03	9.140E-13	6.162E-13	1.571E+00	1.407E+03	-2.572E+03	-7.410E-01
12	3	5	3.672E-13	-8.026E-13	-1.445E-28	-4.343E+02	-9.787E+02	-4.781E+02	3.672E-13	-8.026E-13	0.000E+00	-1.564E+02	-1.257E+03	-5.266E-01
12	3	6	3.713E-13	-7.727E-13	-1.413E-28	-4.622E+02	-1.017E+03	-5.507E+02	3.713E-13	-7.727E-13	0.000E+00	-1.230E+02	-1.356E+03	-5.521E-01
12	3	7	6.099E-13	9.582E-13	4.145E-29	-5.447E+02	-8.106E+02	-2.014E+03	9.582E-13	6.099E-13	1.571E+00	1.340E+03	-2.696E+03	-7.524E-01
12	3	8	6.141E-13	9.881E-13	4.461E-29	-5.726E+02	-8.489E+02	-2.086E+03	9.881E-13	6.141E-13	1.571E+00	1.380E+03	-2.802E+03	-7.523E-01
12	3	9	-2.528E-13	-9.391E-13	-8.284E-29	4.218E+02	-1.275E+02	1.012E+03	-2.528E-13	-9.391E-13	0.000E+00	1.195E+03	-9.012E+02	6.528E-01
12	3	10	-2.487E-13	-9.091E-13	-7.968E-29	3.940E+02	-1.658E+02	9.391E+02	-2.487E-13	-9.091E-13	0.000E+00	1.094E+03	-8.658E+02	6.406E-01
12	3	11	-1.007E-14	8.217E-13	1.031E-28	3.115E+02	4.057E+01	-5.238E+02	8.217E-13	-1.007E-14	1.571E+00	7.171E+02	-3.651E+02	-6.589E-01
12	3	12	-5.928E-15	8.517E-13	1.062E-28	2.836E+02	2.275E+00	-5.965E+02	8.517E-13	-5.928E-15	1.571E+00	7.558E+02	-4.699E+02	-6.696E-01

12	3	13	-2.549E-13	-8.650E-13	-7.351E-29	2.554E+02	-2.177E+02	9.068E+02	-2.549E-13	-8.650E-13	0.000E+00	9.560E+02	-9.183E+02	6.578E-01
12	3	14	-2.508E-13	-8.351E-13	-7.035E-29	2.275E+02	-2.560E+02	8.342E+02	-2.508E-13	-8.351E-13	0.000E+00	8.543E+02	-8.828E+02	6.444E-01
12	3	15	-1.218E-14	8.958E-13	1.124E-28	1.450E+02	-4.957E+01	-6.287E+02	8.958E-13	-1.218E-14	1.571E+00	6.839E+02	-5.885E+02	-7.087E-01
12	3	16	-8.045E-15	9.258E-13	1.156E-28	1.171E+02	-8.787E+01	-7.014E+02	9.258E-13	-8.045E-15	1.571E+00	7.234E+02	-6.942E+02	-7.128E-01
12	4	1	-1.739E-12	7.402E-13	-1.525E-28	5.386E+03	-2.845E+02	-6.561E+02	7.402E-13	-1.739E-12	1.571E+00	5.461E+03	-3.594E+02	-1.137E-01
12	4	2	-1.679E-12	7.476E-13	-1.494E-28	5.339E+03	-3.198E+02	-7.056E+02	7.476E-13	-1.679E-12	1.571E+00	5.426E+03	-4.065E+02	-1.222E-01
12	4	3	1.742E-12	1.179E-12	3.377E-29	3.123E+03	-1.940E+03	1.828E+02	1.742E-12	1.179E-12	0.000E+00	3.130E+03	-1.946E+03	3.604E-02
12	4	4	1.802E-12	1.186E-12	3.693E-29	3.077E+03	-1.975E+03	1.333E+02	1.802E-12	1.186E-12	0.000E+00	3.081E+03	-1.979E+03	2.637E-02
12	4	5	-1.603E-12	7.440E-13	-1.444E-28	5.112E+03	-2.934E+02	-7.315E+02	7.440E-13	-1.603E-12	1.571E+00	5.209E+03	-3.907E+02	-1.322E-01
12	4	6	-1.544E-12	7.514E-13	-1.413E-28	5.066E+03	-3.288E+02	-7.809E+02	7.514E-13	-1.544E-12	1.571E+00	5.176E+03	-4.396E+02	-1.409E-01
12	4	7	1.878E-12	1.183E-12	4.184E-29	2.850E+03	-1.949E+03	1.075E+02	1.878E-12	1.183E-12	0.000E+00	2.852E+03	-1.951E+03	2.238E-02
12	4	8	1.937E-12	1.190E-12	4.501E-29	2.803E+03	-1.984E+03	5.801E+01	1.937E-12	1.190E-12	0.000E+00	2.804E+03	-1.985E+03	1.212E-02
12	4	9	-1.847E-12	-4.777E-13	-8.311E-29	6.526E+03	3.659E+02	2.894E+02	-4.777E-13	-1.847E-12	1.571E+00	6.539E+03	3.523E+02	4.684E-02
12	4	10	-1.788E-12	-4.703E-13	-7.994E-29	6.479E+03	3.305E+02	2.399E+02	-4.703E-13	-1.788E-12	1.571E+00	6.489E+03	3.212E+02	3.893E-02
12	4	11	1.634E-12	-3.907E-14	1.032E-28	4.263E+03	-1.289E+03	1.128E+03	1.634E-12	-3.907E-14	0.000E+00	4.484E+03	-1.510E+03	1.930E-01
12	4	12	1.693E-12	-3.163E-14	1.063E-28	4.217E+03	-1.325E+03	1.079E+03	1.693E-12	-3.163E-14	0.000E+00	4.420E+03	-1.527E+03	1.856E-01
12	4	13	-1.712E-12	-4.739E-13	-7.503E-29	6.252E+03	3.569E+02	2.140E+02	-4.739E-13	-1.712E-12	1.571E+00	6.260E+03	3.492E+02	3.624E-02
12	4	14	-1.652E-12	-4.664E-13	-7.186E-29	6.206E+03	3.216E+02	1.646E+02	-4.664E-13	-1.652E-12	1.571E+00	6.210E+03	3.170E+02	2.794E-02
12	4	15	1.770E-12	-3.524E-14	1.113E-28	3.990E+03	-1.298E+03	1.053E+03	1.770E-12	-3.524E-14	0.000E+00	4.192E+03	-1.500E+03	1.895E-01
12	4	16	1.829E-12	-2.780E-14	1.144E-28	3.943E+03	-1.334E+03	1.003E+03	1.829E-12	-2.780E-14	0.000E+00	4.128E+03	-1.518E+03	1.817E-01
13	1	1	9.318E-17	4.993E-17	-8.606E-18	7.004E+02	-3.395E+02	-3.478E+02	9.483E-17	4.828E-17	0.000E+00	8.060E+02	-4.451E+02	-2.948E-01
13	1	2	8.119E-17	-2.998E-17	-1.464E-17	7.101E+02	-3.365E+02	-3.547E+02	8.309E-17	-3.187E-17	0.000E+00	8.190E+02	-4.454E+02	-2.979E-01
13	1	3	9.318E-17	4.993E-17	-8.606E-18	7.982E+02	-2.378E+02	-3.279E+02	9.483E-17	4.828E-17	0.000E+00	8.933E+02	-3.329E+02	-2.821E-01
13	1	4	8.119E-17	-2.998E-17	-1.464E-17	8.080E+02	-2.348E+02	-3.348E+02	8.309E-17	-3.187E-17	0.000E+00	9.062E+02	-3.331E+02	-2.854E-01
13	1	5	-8.119E-17	2.998E-17	1.464E-17	7.080E+02	-3.400E+02	-3.448E+02	3.187E-17	-8.309E-17	1.571E+00	8.113E+02	-4.432E+02	-2.910E-01
13	1	6	-9.318E-17	-4.993E-17	8.606E-18	7.178E+02	-3.370E+02	-3.517E+02	-4.828E-17	-9.483E-17	1.571E+00	8.243E+02	-4.435E+02	-2.941E-01
13	1	7	-8.119E-17	2.998E-17	1.464E-17	8.059E+02	-2.383E+02	-3.248E+02	3.187E-17	-8.309E-17	1.571E+00	8.987E+02	-3.311E+02	-2.783E-01
13	1	8	-9.318E-17	-4.993E-17	8.606E-18	8.156E+02	-2.353E+02	-3.318E+02	-4.828E-17	-9.483E-17	1.571E+00	9.116E+02	-3.313E+02	-2.816E-01
13	1	9	9.318E-17	4.993E-17	-8.606E-18	5.185E+02	-3.937E+02	-2.225E+02	9.483E-17	4.828E-17	0.000E+00	5.699E+02	-4.451E+02	-2.269E-01
13	1	10	8.119E-17	-2.998E-17	-1.464E-17	5.283E+02	-3.907E+02	-2.295E+02	8.309E-17	-3.187E-17	0.000E+00	5.824E+02	-4.448E+02	-2.316E-01
13	1	11	9.318E-17	4.993E-17	-8.606E-18	6.164E+02	-2.920E+02	-2.026E+02	9.483E-17	4.828E-17	0.000E+00	6.595E+02	-3.352E+02	-2.098E-01
13	1	12	8.119E-17	-2.998E-17	-1.464E-17	6.261E+02	-2.890E+02	-2.095E+02	8.309E-17	-3.187E-17	0.000E+00	6.718E+02	-3.347E+02	-2.147E-01
13	1	13	-8.119E-17	2.998E-17	1.464E-17	5.262E+02	-3.942E+02	-2.195E+02	3.187E-17	-8.309E-17	1.571E+00	5.759E+02	-4.439E+02	-2.225E-01
13	1	14	-9.318E-17	-4.993E-17	8.606E-18	5.360E+02	-3.912E+02	-2.264E+02	-4.828E-17	-9.483E-17	1.571E+00	5.883E+02	-4.435E+02	-2.272E-01
13	1	15	-8.119E-17	2.998E-17	1.464E-17	6.241E+02	-2.925E+02	-1.996E+02	3.187E-17	-8.309E-17	1.571E+00	6.656E+02	-3.341E+02	-2.053E-01
13	1	16	-9.318E-17	-4.993E-17	8.606E-18	6.338E+02	-2.895E+02	-2.065E+02	-4.828E-17	-9.483E-17	1.571E+00	6.779E+02	-3.336E+02	-2.103E-01
13	2	1	1.418E-17	1.288E-16	7.020E-33	1.413E+03	-1.174E+03	-1.996E+02	1.288E-16	1.418E-17	1.571E+00	1.428E+03	-1.190E+03	-7.655E-02
13	2	2	3.774E-18	4.015E-17	2.227E-33	1.425E+03	-1.167E+03	-2.094E+02	4.015E-17	3.774E-18	1.571E+00	1.442E+03	-1.184E+03	-8.009E-02
13	2	3	1.418E-17	1.288E-16	7.020E-33	1.519E+03	-7.076E+02	-1.814E+02	1.288E-16	1.418E-17	1.571E+00	1.534E+03	-7.223E+02	-8.074E-02
13	2	4	3.774E-18	4.015E-17	2.227E-33	1.532E+03	-7.002E+02	-1.912E+02	4.015E-17	3.774E-18	1.571E+00	1.548E+03	-7.165E+02	-8.483E-02
13	2	5	-3.774E-18	-4.015E-17	-2.227E-33	1.424E+03	-1.161E+03	-1.967E+02	-3.774E-18	-4.015E-17	0.000E+00	1.439E+03	-1.175E+03	-7.554E-02
13	2	6	-1.418E-17	-1.288E-16	-7.020E-33	1.436E+03	-1.153E+03	-2.065E+02	-1.418E-17	-1.288E-16	0.000E+00	1.453E+03	-1.170E+03	-7.909E-02
13	2	7	-3.774E-18	-4.015E-17	-2.227E-33	1.531E+03	-6.937E+02	-1.785E+02	-3.774E-18	-4.015E-17	0.000E+00	1.545E+03	-7.080E+02	-7.957E-02

13	2	8	-1.418E-17	-1.288E-16	-7.020E-33	1.543E+03	-6.863E+02	-1.883E+02	-1.418E-17	-1.288E-16	0.000E+00	1.559E+03	-7.021E+02	-8.368E-02
13	2	9	1.418E-17	1.288E-16	7.020E-33	1.180E+03	-1.318E+03	-2.256E+01	1.288E-16	1.418E-17	1.571E+00	1.181E+03	-1.318E+03	-9.031E-03
13	2	10	3.774E-18	4.015E-17	2.227E-33	1.193E+03	-1.310E+03	-3.236E+01	4.015E-17	3.774E-18	1.571E+00	1.193E+03	-1.311E+03	-1.292E-02
13	2	11	1.418E-17	1.288E-16	7.020E-33	1.287E+03	-8.509E+02	-4.369E+00	1.288E-16	1.418E-17	1.571E+00	1.287E+03	-8.509E+02	-2.043E-03
13	2	12	3.774E-18	4.015E-17	2.227E-33	1.300E+03	-8.434E+02	-1.416E+01	4.015E-17	3.774E-18	1.571E+00	1.300E+03	-8.435E+02	-6.607E-03
13	2	13	-3.774E-18	-4.015E-17	-2.227E-33	1.192E+03	-1.304E+03	-1.970E+01	-3.774E-18	-4.015E-17	0.000E+00	1.192E+03	-1.304E+03	-7.893E-03
13	2	14	-1.418E-17	-1.288E-16	-7.020E-33	1.204E+03	-1.296E+03	-2.949E+01	-1.418E-17	-1.288E-16	0.000E+00	1.204E+03	-1.297E+03	-1.179E-02
13	2	15	-3.774E-18	-4.015E-17	-2.227E-33	1.299E+03	-8.370E+02	-1.504E+00	-3.774E-18	-4.015E-17	0.000E+00	1.299E+03	-8.370E+02	-7.042E-04
13	2	16	-1.418E-17	-1.288E-16	-7.020E-33	1.311E+03	-8.296E+02	-1.130E+01	-1.418E-17	-1.288E-16	0.000E+00	1.311E+03	-8.296E+02	-5.277E-03
13	3	1	1.178E-16	1.787E-17	-1.224E-32	9.853E+02	-1.432E+03	-5.367E+02	1.178E-16	1.787E-17	0.000E+00	1.099E+03	-1.546E+03	-2.089E-01
13	3	2	3.716E-17	6.654E-18	-3.735E-33	9.921E+02	-1.419E+03	-5.451E+02	3.716E-17	6.654E-18	0.000E+00	1.110E+03	-1.537E+03	-2.123E-01
13	3	3	1.178E-16	1.787E-17	-1.224E-32	1.108E+03	-6.185E+02	-5.156E+02	1.178E-16	1.787E-17	0.000E+00	1.251E+03	-7.608E+02	-2.692E-01
13	3	4	3.716E-17	6.654E-18	-3.735E-33	1.115E+03	-6.051E+02	-5.240E+02	3.716E-17	6.654E-18	0.000E+00	1.262E+03	-7.521E+02	-2.736E-01
13	3	5	-3.716E-17	-6.654E-18	3.735E-33	9.962E+02	-1.414E+03	-5.305E+02	-6.654E-18	-3.716E-17	1.571E+00	1.108E+03	-1.526E+03	-2.073E-01
13	3	6	-1.178E-16	-1.787E-17	1.224E-32	1.003E+03	-1.401E+03	-5.388E+02	-1.787E-17	-1.178E-16	1.571E+00	1.118E+03	-1.516E+03	-2.108E-01
13	3	7	-3.716E-17	-6.654E-18	3.735E-33	1.119E+03	-6.000E+02	-5.094E+02	-6.654E-18	-3.716E-17	1.571E+00	1.259E+03	-7.396E+02	-2.675E-01
13	3	8	-1.178E-16	-1.787E-17	1.224E-32	1.126E+03	-5.866E+02	-5.177E+02	-1.787E-17	-1.178E-16	1.571E+00	1.270E+03	-7.309E+02	-2.719E-01
13	3	9	1.178E-16	1.787E-17	-1.224E-32	8.541E+02	-1.688E+03	-3.863E+02	1.178E-16	1.787E-17	0.000E+00	9.115E+02	-1.745E+03	-1.475E-01
13	3	10	3.716E-17	6.654E-18	-3.735E-33	8.609E+02	-1.674E+03	-3.946E+02	3.716E-17	6.654E-18	0.000E+00	9.209E+02	-1.734E+03	-1.509E-01
13	3	11	1.178E-16	1.787E-17	-1.224E-32	9.772E+02	-8.737E+02	-3.651E+02	1.178E-16	1.787E-17	0.000E+00	1.047E+03	-9.431E+02	-1.879E-01
13	3	12	3.716E-17	6.654E-18	-3.735E-33	9.840E+02	-8.603E+02	-3.735E+02	3.716E-17	6.654E-18	0.000E+00	1.057E+03	-9.330E+02	-1.924E-01
13	3	13	-3.716E-17	-6.654E-18	3.735E-33	8.651E+02	-1.669E+03	-3.800E+02	-6.654E-18	-3.716E-17	1.571E+00	9.208E+02	-1.725E+03	-1.457E-01
13	3	14	-1.178E-16	-1.787E-17	1.224E-32	8.718E+02	-1.656E+03	-3.884E+02	-1.787E-17	-1.178E-16	1.571E+00	9.302E+02	-1.714E+03	-1.491E-01
13	3	15	-3.716E-17	-6.654E-18	3.735E-33	9.881E+02	-8.552E+02	-3.589E+02	-6.654E-18	-3.716E-17	1.571E+00	1.056E+03	-9.226E+02	-1.857E-01
13	3	16	-1.178E-16	-1.787E-17	1.224E-32	9.949E+02	-8.418E+02	-3.672E+02	-1.787E-17	-1.178E-16	1.571E+00	1.066E+03	-9.125E+02	-1.902E-01
13	4	1	1.740E-17	1.184E-16	-6.185E-33	2.819E+02	-6.342E+02	-6.676E+02	1.184E-16	1.740E-17	1.571E+00	6.334E+02	-9.858E+02	-4.847E-01
13	4	2	5.148E-18	4.596E-17	-2.499E-33	2.855E+02	-6.228E+02	-6.726E+02	4.596E-17	5.148E-18	1.571E+00	6.429E+02	-9.802E+02	-4.885E-01
13	4	3	1.740E-17	1.184E-16	-6.185E-33	3.924E+02	-1.708E+02	-5.628E+02	1.184E-16	1.740E-17	1.571E+00	7.401E+02	-5.185E+02	-5.534E-01
13	4	4	5.148E-18	4.596E-17	-2.499E-33	3.960E+02	-1.593E+02	-5.678E+02	4.596E-17	5.148E-18	1.571E+00	7.504E+02	-5.138E+02	-5.580E-01
13	4	5	-5.148E-18	-4.596E-17	2.499E-33	2.889E+02	-6.293E+02	-6.650E+02	-5.148E-18	-4.596E-17	0.000E+00	6.379E+02	-9.783E+02	-4.833E-01
13	4	6	-1.740E-17	-1.184E-16	6.185E-33	2.925E+02	-6.178E+02	-6.701E+02	-1.740E-17	-1.184E-16	0.000E+00	6.474E+02	-9.727E+02	-4.871E-01
13	4	7	-5.148E-18	-4.596E-17	2.499E-33	3.994E+02	-1.658E+02	-5.603E+02	-5.148E-18	-4.596E-17	0.000E+00	7.443E+02	-5.107E+02	-5.518E-01
13	4	8	-1.740E-17	-1.184E-16	6.185E-33	4.030E+02	-1.544E+02	-5.653E+02	-1.740E-17	-1.184E-16	0.000E+00	7.546E+02	-5.060E+02	-5.564E-01
13	4	9	1.740E-17	1.184E-16	-6.185E-33	2.114E+02	-8.450E+02	-5.761E+02	1.184E-16	1.740E-17	1.571E+00	4.648E+02	-1.098E+03	-4.144E-01
13	4	10	5.148E-18	4.596E-17	-2.499E-33	2.150E+02	-8.336E+02	-5.811E+02	4.596E-17	5.148E-18	1.571E+00	4.734E+02	-1.092E+03	-4.184E-01
13	4	11	1.740E-17	1.184E-16	-6.185E-33	3.219E+02	-3.815E+02	-4.713E+02	1.184E-16	1.740E-17	1.571E+00	5.583E+02	-6.179E+02	-4.648E-01
13	4	12	5.148E-18	4.596E-17	-2.499E-33	3.255E+02	-3.701E+02	-4.764E+02	4.596E-17	5.148E-18	1.571E+00	5.675E+02	-6.121E+02	-4.701E-01
13	4	13	-5.148E-18	-4.596E-17	2.499E-33	2.184E+02	-8.400E+02	-5.736E+02	-5.148E-18	-4.596E-17	0.000E+00	4.696E+02	-1.091E+03	-4.128E-01
13	4	14	-1.740E-17	-1.184E-16	6.185E-33	2.220E+02	-8.286E+02	-5.786E+02	-1.740E-17	-1.184E-16	0.000E+00	4.782E+02	-1.085E+03	-4.168E-01
13	4	15	-5.148E-18	-4.596E-17	2.499E-33	3.290E+02	-3.766E+02	-4.688E+02	-5.148E-18	-4.596E-17	0.000E+00	5.629E+02	-6.105E+02	-4.628E-01
13	4	16	-1.740E-17	-1.184E-16	6.185E-33	3.326E+02	-3.651E+02	-4.738E+02	-1.740E-17	-1.184E-16	0.000E+00	5.721E+02	-6.047E+02	-4.681E-01
14	1	1	7.162E-17	-1.051E-17	-8.784E-17	7.776E+02	-2.558E+03	-7.934E+02	1.275E-16	-6.641E-17	0.000E+00	9.567E+02	-2.737E+03	-2.220E-01
14	1	2	7.058E-17	-1.743E-17	-9.685E-17	7.861E+02	-2.537E+03	-8.032E+02	1.330E-16	-7.981E-17	0.000E+00	9.701E+02	-2.721E+03	-2.252E-01

14	1	3	7.162E-17	-1.051E-17	-8.784E-17	1.026E+03	-1.227E+03	-7.741E+02	1.275E-16	-6.641E-17	0.000E+00	1.266E+03	-1.467E+03	-3.011E-01
14	1	4	7.058E-17	-1.743E-17	-9.685E-17	1.034E+03	-1.205E+03	-7.838E+02	1.330E-16	-7.981E-17	0.000E+00	1.281E+03	-1.452E+03	-3.054E-01
14	1	5	-7.058E-17	1.743E-17	9.685E-17	7.894E+02	-2.545E+03	-7.876E+02	7.981E-17	-1.330E-16	1.571E+00	9.660E+02	-2.722E+03	-2.207E-01
14	1	6	-7.162E-17	1.051E-17	8.784E-17	7.979E+02	-2.523E+03	-7.974E+02	6.641E-17	-1.275E-16	1.571E+00	9.794E+02	-2.705E+03	-2.238E-01
14	1	7	-7.058E-17	1.743E-17	9.685E-17	1.037E+03	-1.214E+03	-7.682E+02	7.981E-17	-1.330E-16	1.571E+00	1.275E+03	-1.451E+03	-2.995E-01
14	1	8	-7.162E-17	1.051E-17	8.784E-17	1.046E+03	-1.192E+03	-7.780E+02	6.641E-17	-1.275E-16	1.571E+00	1.290E+03	-1.436E+03	-3.038E-01
14	1	9	7.162E-17	-1.051E-17	-8.784E-17	6.152E+02	-2.961E+03	-6.167E+02	1.275E-16	-6.641E-17	0.000E+00	7.185E+02	-3.065E+03	-1.660E-01
14	1	10	7.058E-17	-1.743E-17	-9.685E-17	6.237E+02	-2.939E+03	-6.265E+02	1.330E-16	-7.981E-17	0.000E+00	7.306E+02	-3.046E+03	-1.691E-01
14	1	11	7.162E-17	-1.051E-17	-8.784E-17	8.633E+02	-1.630E+03	-5.973E+02	1.275E-16	-6.641E-17	0.000E+00	9.990E+02	-1.766E+03	-2.234E-01
14	1	12	7.058E-17	-1.743E-17	-9.685E-17	8.717E+02	-1.608E+03	-6.071E+02	1.330E-16	-7.981E-17	0.000E+00	1.012E+03	-1.749E+03	-2.277E-01
14	1	13	-7.058E-17	1.743E-17	9.685E-17	6.270E+02	-2.948E+03	-6.109E+02	7.981E-17	-1.330E-16	1.571E+00	7.285E+02	-3.049E+03	-1.647E-01
14	1	14	-7.162E-17	1.051E-17	8.784E-17	6.354E+02	-2.926E+03	-6.206E+02	6.641E-17	-1.275E-16	1.571E+00	7.405E+02	-3.031E+03	-1.677E-01
14	1	15	-7.058E-17	1.743E-17	9.685E-17	8.750E+02	-1.617E+03	-5.915E+02	7.981E-17	-1.330E-16	1.571E+00	1.008E+03	-1.750E+03	-2.216E-01
14	1	16	-7.162E-17	1.051E-17	8.784E-17	8.835E+02	-1.595E+03	-6.013E+02	6.641E-17	-1.275E-16	1.571E+00	1.022E+03	-1.733E+03	-2.259E-01
14	2	1	-1.104E-16	1.424E-16	1.548E-32	1.926E+03	-3.920E+03	1.340E+02	1.424E-16	-1.104E-16	1.571E+00	1.929E+03	-3.923E+03	2.291E-02
14	2	2	-1.050E-16	1.285E-16	1.430E-32	1.936E+03	-3.885E+03	1.196E+02	1.285E-16	-1.050E-16	1.571E+00	1.938E+03	-3.887E+03	2.054E-02
14	2	3	-1.104E-16	1.424E-16	1.548E-32	2.312E+03	-1.398E+03	1.519E+02	1.424E-16	-1.104E-16	1.571E+00	2.318E+03	-1.405E+03	4.084E-02
14	2	4	-1.050E-16	1.285E-16	1.430E-32	2.322E+03	-1.363E+03	1.375E+02	1.285E-16	-1.050E-16	1.571E+00	2.327E+03	-1.368E+03	3.723E-02
14	2	5	1.050E-16	-1.285E-16	-1.430E-32	1.950E+03	-3.855E+03	1.421E+02	1.050E-16	-1.285E-16	0.000E+00	1.953E+03	-3.858E+03	2.446E-02
14	2	6	1.104E-16	-1.424E-16	-1.548E-32	1.960E+03	-3.819E+03	1.277E+02	1.104E-16	-1.424E-16	0.000E+00	1.962E+03	-3.822E+03	2.208E-02
14	2	7	1.050E-16	-1.285E-16	-1.430E-32	2.336E+03	-1.333E+03	1.599E+02	1.050E-16	-1.285E-16	0.000E+00	2.343E+03	-1.340E+03	4.349E-02
14	2	8	1.104E-16	-1.424E-16	-1.548E-32	2.346E+03	-1.297E+03	1.455E+02	1.104E-16	-1.424E-16	0.000E+00	2.352E+03	-1.303E+03	3.986E-02
14	2	9	-1.104E-16	1.424E-16	1.548E-32	1.721E+03	-4.609E+03	3.944E+02	1.424E-16	-1.104E-16	1.571E+00	1.746E+03	-4.633E+03	6.199E-02
14	2	10	-1.050E-16	1.285E-16	1.430E-32	1.732E+03	-4.573E+03	3.800E+02	1.285E-16	-1.050E-16	1.571E+00	1.754E+03	-4.596E+03	5.999E-02
14	2	11	-1.104E-16	1.424E-16	1.548E-32	2.108E+03	-2.087E+03	4.123E+02	1.424E-16	-1.104E-16	1.571E+00	2.148E+03	-2.127E+03	9.706E-02
14	2	12	-1.050E-16	1.285E-16	1.430E-32	2.118E+03	-2.051E+03	3.979E+02	1.285E-16	-1.050E-16	1.571E+00	2.155E+03	-2.089E+03	9.430E-02
14	2	13	1.050E-16	-1.285E-16	-1.430E-32	1.745E+03	-4.543E+03	4.025E+02	1.050E-16	-1.285E-16	0.000E+00	1.771E+03	-4.568E+03	6.366E-02
14	2	14	1.104E-16	-1.424E-16	-1.548E-32	1.755E+03	-4.507E+03	3.881E+02	1.104E-16	-1.424E-16	0.000E+00	1.779E+03	-4.531E+03	6.165E-02
14	2	15	1.050E-16	-1.285E-16	-1.430E-32	2.131E+03	-2.021E+03	4.203E+02	1.050E-16	-1.285E-16	0.000E+00	2.173E+03	-2.063E+03	9.988E-02
14	2	16	1.104E-16	-1.424E-16	-1.548E-32	2.141E+03	-1.985E+03	4.059E+02	1.104E-16	-1.424E-16	0.000E+00	2.181E+03	-2.025E+03	9.712E-02
14	3	1	1.009E-16	-9.859E-17	-2.443E-32	1.619E+03	-3.321E+03	-1.169E+03	1.009E-16	-9.859E-17	0.000E+00	1.882E+03	-3.584E+03	-2.210E-01
14	3	2	8.732E-17	-9.299E-17	-2.208E-32	1.624E+03	-3.281E+03	-1.179E+03	8.732E-17	-9.299E-17	0.000E+00	1.892E+03	-3.549E+03	-2.240E-01
14	3	3	1.009E-16	-9.859E-17	-2.443E-32	1.894E+03	-5.051E+02	-1.029E+03	1.009E-16	-9.859E-17	0.000E+00	2.275E+03	-8.863E+02	-3.546E-01
14	3	4	8.732E-17	-9.299E-17	-2.208E-32	1.899E+03	-4.650E+02	-1.039E+03	8.732E-17	-9.299E-17	0.000E+00	2.290E+03	-8.569E+02	-3.606E-01
14	3	5	-8.732E-17	9.299E-17	2.208E-32	1.645E+03	-3.243E+03	-1.153E+03	9.299E-17	-8.732E-17	1.571E+00	1.903E+03	-3.501E+03	-2.204E-01
14	3	6	-1.009E-16	9.859E-17	2.443E-32	1.649E+03	-3.203E+03	-1.163E+03	9.859E-17	-1.009E-16	1.571E+00	1.914E+03	-3.467E+03	-2.235E-01
14	3	7	-8.732E-17	9.299E-17	2.208E-32	1.920E+03	-4.271E+02	-1.014E+03	9.299E-17	-8.732E-17	1.571E+00	2.297E+03	-8.042E+02	-3.562E-01
14	3	8	-1.009E-16	9.859E-17	2.443E-32	1.924E+03	-3.869E+02	-1.023E+03	9.859E-17	-1.009E-16	1.571E+00	2.312E+03	-7.748E+02	-3.624E-01
14	3	9	1.009E-16	-9.859E-17	-2.443E-32	1.506E+03	-4.105E+03	-9.927E+02	1.009E-16	-9.859E-17	0.000E+00	1.676E+03	-4.275E+03	-1.701E-01
14	3	10	8.732E-17	-9.299E-17	-2.208E-32	1.510E+03	-4.065E+03	-1.002E+03	8.732E-17	-9.299E-17	0.000E+00	1.685E+03	-4.239E+03	-1.726E-01
14	3	11	1.009E-16	-9.859E-17	-2.443E-32	1.781E+03	-1.289E+03	-8.532E+02	1.009E-16	-9.859E-17	0.000E+00	2.002E+03	-1.510E+03	-2.537E-01
14	3	12	8.732E-17	-9.299E-17	-2.208E-32	1.785E+03	-1.249E+03	-8.629E+02	8.732E-17	-9.299E-17	0.000E+00	2.013E+03	-1.477E+03	-2.586E-01
14	3	13	-8.732E-17	9.299E-17	2.208E-32	1.531E+03	-4.027E+03	-9.768E+02	9.299E-17	-8.732E-17	1.571E+00	1.698E+03	-4.193E+03	-1.690E-01

14	3	14	-1.009E-16	9.859E-17	2.443E-32	1.536E+03	-3.986E+03	-9.865E+02	9.859E-17	-1.009E-16	1.571E+00	1.707E+03	-4.157E+03	-1.716E-01
14	3	15	-8.732E-17	9.299E-17	2.208E-32	1.806E+03	-1.211E+03	-8.373E+02	9.299E-17	-8.732E-17	1.571E+00	2.023E+03	-1.428E+03	-2.534E-01
14	3	16	-1.009E-16	9.859E-17	2.443E-32	1.811E+03	-1.171E+03	-8.470E+02	9.859E-17	-1.009E-16	1.571E+00	2.035E+03	-1.394E+03	-2.584E-01
14	4	1	-5.339E-17	8.478E-17	-8.460E-33	6.853E+02	-2.865E+03	-1.375E+03	8.478E-17	-5.339E-17	1.571E+00	1.156E+03	-3.335E+03	-3.295E-01
14	4	2	-4.764E-17	7.169E-17	-7.307E-33	6.861E+02	-2.829E+03	-1.382E+03	7.169E-17	-4.764E-17	1.571E+00	1.165E+03	-3.308E+03	-3.332E-01
14	4	3	-5.339E-17	8.478E-17	-8.460E-33	6.884E+02	-6.748E+02	-1.186E+03	8.478E-17	-5.339E-17	1.571E+00	1.374E+03	-1.361E+03	-5.245E-01
14	4	4	-4.764E-17	7.169E-17	-7.307E-33	6.892E+02	-6.393E+02	-1.193E+03	7.169E-17	-4.764E-17	1.571E+00	1.390E+03	-1.341E+03	-5.314E-01
14	4	5	4.764E-17	-7.169E-17	7.307E-33	6.961E+02	-2.827E+03	-1.371E+03	4.764E-17	-7.169E-17	0.000E+00	1.167E+03	-3.298E+03	-3.307E-01
14	4	6	5.339E-17	-8.478E-17	8.460E-33	6.969E+02	-2.792E+03	-1.378E+03	5.339E-17	-8.478E-17	0.000E+00	1.176E+03	-3.271E+03	-3.344E-01
14	4	7	4.764E-17	-7.169E-17	7.307E-33	6.993E+02	-6.370E+02	-1.182E+03	4.764E-17	-7.169E-17	0.000E+00	1.389E+03	-1.326E+03	-5.281E-01
14	4	8	5.339E-17	-8.478E-17	8.460E-33	7.001E+02	-6.016E+02	-1.189E+03	5.339E-17	-8.478E-17	0.000E+00	1.405E+03	-1.306E+03	-5.350E-01
14	4	9	-5.339E-17	8.478E-17	-8.460E-33	6.530E+02	-3.531E+03	-1.239E+03	8.478E-17	-5.339E-17	1.571E+00	9.925E+02	-3.871E+03	-2.674E-01
14	4	10	-4.764E-17	7.169E-17	-7.307E-33	6.538E+02	-3.496E+03	-1.247E+03	7.169E-17	-4.764E-17	1.571E+00	9.996E+02	-3.842E+03	-2.705E-01
14	4	11	-5.339E-17	8.478E-17	-8.460E-33	6.561E+02	-1.341E+03	-1.050E+03	8.478E-17	-5.339E-17	1.571E+00	1.106E+03	-1.792E+03	-4.052E-01
14	4	12	-4.764E-17	7.169E-17	-7.307E-33	6.569E+02	-1.306E+03	-1.057E+03	7.169E-17	-4.764E-17	1.571E+00	1.118E+03	-1.767E+03	-4.113E-01
14	4	13	4.764E-17	-7.169E-17	7.307E-33	6.638E+02	-3.494E+03	-1.235E+03	4.764E-17	-7.169E-17	0.000E+00	1.003E+03	-3.833E+03	-2.681E-01
14	4	14	5.339E-17	-8.478E-17	8.460E-33	6.646E+02	-3.458E+03	-1.243E+03	5.339E-17	-8.478E-17	0.000E+00	1.010E+03	-3.804E+03	-2.713E-01
14	4	15	4.764E-17	-7.169E-17	7.307E-33	6.669E+02	-1.304E+03	-1.046E+03	4.764E-17	-7.169E-17	0.000E+00	1.119E+03	-1.755E+03	-4.076E-01
14	4	16	5.339E-17	-8.478E-17	8.460E-33	6.677E+02	-1.268E+03	-1.053E+03	5.339E-17	-8.478E-17	0.000E+00	1.130E+03	-1.731E+03	-4.138E-01
15	1	1	2.342E-14	1.563E-13	2.715E-14	1.553E+03	-4.168E+03	-1.788E+03	1.616E-13	1.808E-14	1.571E+00	2.065E+03	-4.681E+03	-2.793E-01
15	1	2	2.188E-14	1.461E-13	2.527E-14	1.560E+03	-4.114E+03	-1.795E+03	1.510E-13	1.694E-14	1.571E+00	2.080E+03	-4.634E+03	-2.821E-01
15	1	3	-6.779E-14	-4.518E-13	-8.484E-14	2.017E+03	-4.903E+02	-1.441E+03	-4.989E-14	-4.697E-13	0.000E+00	2.673E+03	-1.146E+03	-4.273E-01
15	1	4	-6.933E-14	-4.620E-13	-8.672E-14	2.024E+03	-4.357E+02	-1.448E+03	-5.103E-14	-4.803E-13	0.000E+00	2.694E+03	-1.106E+03	-4.333E-01
15	1	5	1.961E-14	1.306E-13	1.582E-14	1.580E+03	-4.112E+03	-1.777E+03	1.328E-13	1.740E-14	1.571E+00	2.089E+03	-4.621E+03	-2.792E-01
15	1	6	1.807E-14	1.203E-13	1.393E-14	1.587E+03	-4.057E+03	-1.785E+03	1.222E-13	1.621E-14	1.571E+00	2.104E+03	-4.575E+03	-2.820E-01
15	1	7	-7.160E-14	-4.775E-13	-9.617E-14	2.044E+03	-4.339E+02	-1.430E+03	-4.997E-14	-4.992E-13	0.000E+00	2.697E+03	-1.087E+03	-4.285E-01
15	1	8	-7.314E-14	-4.878E-13	-9.806E-14	2.051E+03	-3.794E+02	-1.438E+03	-5.112E-14	-5.098E-13	0.000E+00	2.719E+03	-1.047E+03	-4.345E-01
15	1	9	5.439E-14	3.628E-13	7.424E-14	1.395E+03	-5.194E+03	-1.653E+03	3.797E-13	3.745E-14	1.571E+00	1.786E+03	-5.585E+03	-2.325E-01
15	1	10	5.286E-14	3.525E-13	7.235E-14	1.402E+03	-5.139E+03	-1.660E+03	3.691E-13	3.630E-14	1.571E+00	1.799E+03	-5.537E+03	-2.349E-01
15	1	11	-3.682E-14	-2.453E-13	-3.775E-14	1.859E+03	-1.516E+03	-1.306E+03	-3.020E-14	-2.519E-13	0.000E+00	2.305E+03	-1.962E+03	-3.293E-01
15	1	12	-3.836E-14	-2.555E-13	-3.963E-14	1.866E+03	-1.461E+03	-1.313E+03	-3.135E-14	-2.626E-13	0.000E+00	2.322E+03	-1.917E+03	-3.341E-01
15	1	13	5.058E-14	3.370E-13	6.290E-14	1.422E+03	-5.138E+03	-1.643E+03	3.502E-13	3.738E-14	1.571E+00	1.810E+03	-5.526E+03	-2.322E-01
15	1	14	4.905E-14	3.268E-13	6.102E-14	1.429E+03	-5.083E+03	-1.650E+03	3.396E-13	3.623E-14	1.571E+00	1.823E+03	-5.477E+03	-2.345E-01
15	1	15	-4.063E-14	-2.711E-13	-4.909E-14	1.886E+03	-1.460E+03	-1.296E+03	-3.061E-14	-2.811E-13	0.000E+00	2.329E+03	-1.903E+03	-3.295E-01
15	1	16	-4.217E-14	-2.813E-13	-5.097E-14	1.893E+03	-1.405E+03	-1.303E+03	-3.176E-14	-2.917E-13	0.000E+00	2.346E+03	-1.858E+03	-3.344E-01
15	2	1	-3.503E-13	6.585E-13	6.168E-29	4.733E+03	-3.533E+03	3.234E+02	6.585E-13	-3.503E-13	1.571E+00	4.746E+03	-3.546E+03	3.904E-02
15	2	2	-3.499E-13	6.379E-13	6.040E-29	4.737E+03	-3.426E+03	3.049E+02	6.379E-13	-3.499E-13	1.571E+00	4.749E+03	-3.438E+03	3.728E-02
15	2	3	-3.280E-13	-5.571E-13	-1.411E-29	5.483E+03	3.548E+03	4.905E+02	-3.280E-13	-5.571E-13	0.000E+00	5.600E+03	3.431E+03	2.346E-01
15	2	4	-3.276E-13	-5.776E-13	-1.540E-29	5.487E+03	3.655E+03	4.720E+02	-3.276E-13	-5.776E-13	0.000E+00	5.601E+03	3.540E+03	2.379E-01
15	2	5	-3.527E-13	6.080E-13	5.874E-29	4.823E+03	-3.321E+03	3.523E+02	6.080E-13	-3.527E-13	1.571E+00	4.838E+03	-3.336E+03	4.315E-02
15	2	6	-3.523E-13	5.875E-13	5.745E-29	4.827E+03	-3.214E+03	3.339E+02	5.875E-13	-3.523E-13	1.571E+00	4.841E+03	-3.228E+03	4.142E-02
15	2	7	-3.304E-13	-6.076E-13	-1.706E-29	5.572E+03	3.760E+03	5.194E+02	-3.304E-13	-6.076E-13	0.000E+00	5.710E+03	3.622E+03	2.603E-01
15	2	8	-3.300E-13	-6.281E-13	-1.834E-29	5.577E+03	3.867E+03	5.010E+02	-3.300E-13	-6.281E-13	0.000E+00	5.713E+03	3.731E+03	2.650E-01

15	2	9	8.080E-14	6.317E-13	3.382E-29	4.486E+03	-5.620E+03	6.568E+02	6.317E-13	8.080E-14	1.571E+00	4.529E+03	-5.663E+03	6.463E-02
15	2	10	8.121E-14	6.112E-13	3.254E-29	4.491E+03	-5.514E+03	6.384E+02	6.112E-13	8.121E-14	1.571E+00	4.531E+03	-5.554E+03	6.347E-02
15	2	11	1.031E-13	-5.838E-13	-4.197E-29	5.236E+03	1.461E+03	8.240E+02	1.031E-13	-5.838E-13	0.000E+00	5.408E+03	1.289E+03	2.058E-01
15	2	12	1.035E-13	-6.043E-13	-4.325E-29	5.240E+03	1.567E+03	8.055E+02	1.035E-13	-6.043E-13	0.000E+00	5.409E+03	1.398E+03	2.067E-01
15	2	13	7.839E-14	5.812E-13	3.088E-29	4.576E+03	-5.408E+03	6.858E+02	5.812E-13	7.839E-14	1.571E+00	4.623E+03	-5.455E+03	6.826E-02
15	2	14	7.880E-14	5.607E-13	2.960E-29	4.580E+03	-5.302E+03	6.673E+02	5.607E-13	7.880E-14	1.571E+00	4.625E+03	-5.347E+03	6.712E-02
15	2	15	1.007E-13	-6.343E-13	-4.491E-29	5.325E+03	1.673E+03	8.529E+02	1.007E-13	-6.343E-13	0.000E+00	5.515E+03	1.483E+03	2.184E-01
15	2	16	1.011E-13	-6.548E-13	-4.620E-29	5.330E+03	1.779E+03	8.345E+02	1.011E-13	-6.548E-13	0.000E+00	5.516E+03	1.593E+03	2.197E-01
15	3	1	3.762E-13	-1.964E-13	-6.977E-29	3.334E+03	-6.288E+02	-2.296E+03	3.762E-13	-1.964E-13	0.000E+00	4.386E+03	-1.680E+03	-4.294E-01
15	3	2	3.645E-13	-1.964E-13	-6.833E-29	3.324E+03	-5.553E+02	-2.278E+03	3.645E-13	-1.964E-13	0.000E+00	4.376E+03	-1.607E+03	-4.327E-01
15	3	3	-3.190E-13	-1.963E-13	1.538E-29	3.363E+03	4.213E+03	-2.557E+02	-1.963E-13	-3.190E-13	1.571E+00	4.284E+03	3.292E+03	1.842E+00
15	3	4	-3.307E-13	-1.962E-13	1.683E-29	3.353E+03	4.287E+03	-2.370E+02	-1.962E-13	-3.307E-13	1.571E+00	4.343E+03	3.296E+03	1.806E+00
15	3	5	3.387E-13	-2.026E-13	-6.593E-29	3.397E+03	-4.223E+02	-2.239E+03	3.387E-13	-2.026E-13	0.000E+00	4.430E+03	-1.455E+03	-4.323E-01
15	3	6	3.270E-13	-2.026E-13	-6.449E-29	3.387E+03	-3.487E+02	-2.220E+03	3.270E-13	-2.026E-13	0.000E+00	4.420E+03	-1.382E+03	-4.357E-01
15	3	7	-3.565E-13	-2.025E-13	1.922E-29	3.426E+03	4.420E+03	-1.985E+02	-2.025E-13	-3.565E-13	1.571E+00	4.458E+03	3.388E+03	1.761E+00
15	3	8	-3.682E-13	-2.024E-13	2.067E-29	3.415E+03	4.493E+03	-1.798E+02	-2.024E-13	-3.682E-13	1.571E+00	4.522E+03	3.386E+03	1.732E+00
15	3	9	3.666E-13	5.951E-14	-3.796E-29	3.105E+03	-2.131E+03	-2.684E+03	3.666E-13	5.951E-14	0.000E+00	4.236E+03	-3.262E+03	-3.989E-01
15	3	10	3.548E-13	5.957E-14	-3.652E-29	3.095E+03	-2.057E+03	-2.665E+03	3.548E-13	5.957E-14	0.000E+00	4.225E+03	-3.188E+03	-4.012E-01
15	3	11	-3.286E-13	5.965E-14	4.719E-29	3.134E+03	2.711E+03	-6.432E+02	5.965E-14	-3.286E-13	1.571E+00	3.600E+03	2.246E+03	-6.267E-01
15	3	12	-3.404E-13	5.971E-14	4.863E-29	3.123E+03	2.785E+03	-6.245E+02	5.971E-14	-3.404E-13	1.571E+00	3.601E+03	2.307E+03	-6.531E-01
15	3	13	3.290E-13	5.330E-14	-3.412E-29	3.168E+03	-1.924E+03	-2.627E+03	3.290E-13	5.330E-14	0.000E+00	4.280E+03	-3.036E+03	-4.005E-01
15	3	14	3.173E-13	5.336E-14	-3.268E-29	3.157E+03	-1.851E+03	-2.608E+03	3.173E-13	5.336E-14	0.000E+00	4.269E+03	-2.962E+03	-4.029E-01
15	3	15	-3.662E-13	5.344E-14	5.103E-29	3.197E+03	2.918E+03	-5.860E+02	5.344E-14	-3.662E-13	1.571E+00	3.660E+03	2.455E+03	-6.686E-01
15	3	16	-3.779E-13	5.350E-14	5.247E-29	3.186E+03	2.991E+03	-5.673E+02	5.350E-14	-3.779E-13	1.571E+00	3.664E+03	2.513E+03	-7.004E-01
15	4	1	-1.313E-13	1.816E-13	-1.910E-29	3.263E+02	-2.279E+03	-1.816E+03	1.816E-13	-1.313E-13	1.571E+00	1.259E+03	-3.211E+03	-4.743E-01
15	4	2	-1.298E-13	1.767E-13	-1.872E-29	3.131E+02	-2.241E+03	-1.815E+03	1.767E-13	-1.298E-13	1.571E+00	1.255E+03	-3.183E+03	-4.788E-01
15	4	3	-4.491E-14	-1.059E-13	3.788E-30	-3.073E+02	3.729E+02	-1.075E+03	-4.491E-14	-1.059E-13	0.000E+00	1.160E+03	-1.095E+03	2.203E+00
15	4	4	-4.340E-14	-1.107E-13	4.176E-30	-3.205E+02	4.112E+02	-1.074E+03	-4.340E-14	-1.107E-13	0.000E+00	1.180E+03	-1.089E+03	2.192E+00
15	4	5	-1.311E-13	1.609E-13	-1.783E-29	3.150E+02	-2.191E+03	-1.799E+03	1.609E-13	-1.311E-13	1.571E+00	1.255E+03	-3.131E+03	-4.813E-01
15	4	6	-1.296E-13	1.561E-13	-1.744E-29	3.018E+02	-2.153E+03	-1.798E+03	1.561E-13	-1.296E-13	1.571E+00	1.252E+03	-3.103E+03	-4.860E-01
15	4	7	-4.470E-14	-1.266E-13	5.065E-30	-3.186E+02	4.608E+02	-1.058E+03	-4.470E-14	-1.266E-13	0.000E+00	1.199E+03	-1.057E+03	2.180E+00
15	4	8	-4.319E-14	-1.314E-13	5.453E-30	-3.318E+02	4.991E+02	-1.057E+03	-4.319E-14	-1.314E-13	0.000E+00	1.219E+03	-1.052E+03	2.169E+00
15	4	9	-1.685E-14	1.487E-13	-1.019E-29	5.725E+02	-3.040E+03	-1.864E+03	1.487E-13	-1.685E-14	1.571E+00	1.362E+03	-3.829E+03	-4.006E-01
15	4	10	-1.534E-14	1.438E-13	-9.798E-30	5.593E+02	-3.001E+03	-1.863E+03	1.438E-13	-1.534E-14	1.571E+00	1.356E+03	-3.798E+03	-4.040E-01
15	4	11	6.953E-14	-1.388E-13	1.271E-29	-6.115E+01	-3.879E+02	-1.123E+03	6.953E-14	-1.388E-13	0.000E+00	9.102E+02	-1.359E+03	-7.131E-01
15	4	12	7.104E-14	-1.437E-13	1.309E-29	-7.433E+01	-3.496E+02	-1.122E+03	7.104E-14	-1.437E-13	0.000E+00	9.182E+02	-1.342E+03	-7.243E-01
15	4	13	-1.664E-14	1.280E-13	-8.909E-30	5.612E+02	-2.952E+03	-1.847E+03	1.280E-13	-1.664E-14	1.571E+00	1.354E+03	-3.745E+03	-4.053E-01
15	4	14	-1.513E-14	1.232E-13	-8.521E-30	5.480E+02	-2.914E+03	-1.846E+03	1.232E-13	-1.513E-14	1.571E+00	1.348E+03	-3.713E+03	-4.088E-01
15	4	15	6.974E-14	-1.595E-13	1.398E-29	-7.247E+01	-3.001E+02	-1.106E+03	6.974E-14	-1.595E-13	0.000E+00	9.258E+02	-1.298E+03	-7.341E-01
15	4	16	7.125E-14	-1.643E-13	1.437E-29	-8.565E+01	-2.618E+02	-1.105E+03	7.125E-14	-1.643E-13	0.000E+00	9.349E+02	-1.282E+03	-7.456E-01
16	1	1	-5.992E-14	-4.486E-13	8.026E-14	3.506E+03	9.906E+02	-2.087E+03	-4.400E-14	-4.646E-13	0.000E+00	4.685E+03	-1.881E+02	-5.142E-01
16	1	2	-5.527E-14	-4.189E-13	7.776E-14	3.486E+03	1.006E+03	-2.051E+03	-3.934E-14	-4.348E-13	0.000E+00	4.642E+03	-1.510E+02	-5.135E-01
16	1	3	2.085E-13	1.294E-12	-6.376E-14	2.787E+03	1.308E+03	8.278E+02	1.298E-12	2.048E-13	1.571E+00	3.157E+03	9.375E+02	4.209E-01

16	1	4	2.132E-13	1.324E-12	-6.627E-14	2.766E+03	1.323E+03	8.636E+02	1.328E-12	2.092E-13	1.571E+00	3.170E+03	9.194E+02	4.374E-01
16	1	5	-7.426E-14	-3.884E-13	9.753E-14	3.544E+03	1.030E+03	-1.981E+03	-4.645E-14	-4.162E-13	0.000E+00	4.633E+03	-5.949E+01	-5.027E-01
16	1	6	-6.961E-14	-3.587E-13	9.502E-14	3.523E+03	1.045E+03	-1.946E+03	-4.118E-14	-3.871E-13	0.000E+00	4.591E+03	-2.242E+01	-5.018E-01
16	1	7	1.942E-13	1.354E-12	-4.650E-14	2.824E+03	1.347E+03	9.334E+02	1.356E-12	1.923E-13	1.571E+00	3.276E+03	8.956E+02	4.507E-01
16	1	8	1.988E-13	1.384E-12	-4.901E-14	2.804E+03	1.363E+03	9.691E+02	1.386E-12	1.968E-13	1.571E+00	3.291E+03	8.755E+02	4.657E-01
16	1	9	-1.467E-13	-1.028E-12	2.223E-14	3.880E+03	6.830E+02	-2.822E+03	-1.462E-13	-1.028E-12	0.000E+00	5.525E+03	-9.619E+02	-5.277E-01
16	1	10	-1.421E-13	-9.979E-13	1.972E-14	3.860E+03	6.983E+02	-2.787E+03	-1.416E-13	-9.983E-13	0.000E+00	5.483E+03	-9.247E+02	-5.274E-01
16	1	11	1.217E-13	7.153E-13	-1.218E-13	3.161E+03	1.001E+03	9.227E+01	7.393E-13	9.768E-14	1.571E+00	3.165E+03	9.966E+02	4.261E-02
16	1	12	1.263E-13	7.451E-13	-1.243E-13	3.140E+03	1.016E+03	1.280E+02	7.691E-13	1.023E-13	1.571E+00	3.148E+03	1.008E+03	5.997E-02
16	1	13	-1.611E-13	-9.674E-13	3.949E-14	3.918E+03	7.223E+02	-2.717E+03	-1.591E-13	-9.693E-13	0.000E+00	5.472E+03	-8.317E+02	-5.196E-01
16	1	14	-1.564E-13	-9.377E-13	3.698E-14	3.897E+03	7.376E+02	-2.681E+03	-1.547E-13	-9.394E-13	0.000E+00	5.429E+03	-7.945E+02	-5.192E-01
16	1	15	1.074E-13	7.755E-13	-1.045E-13	3.198E+03	1.040E+03	1.978E+02	7.915E-13	9.138E-14	1.571E+00	3.216E+03	1.022E+03	9.063E-02
16	1	16	1.120E-13	8.053E-13	-1.070E-13	3.178E+03	1.055E+03	2.335E+02	8.214E-13	9.585E-14	1.571E+00	3.203E+03	1.030E+03	1.083E-01
16	2	1	-1.737E-12	7.592E-13	1.544E-28	8.380E+03	3.586E+03	-4.550E+02	7.592E-13	-1.737E-12	1.571E+00	8.422E+03	3.543E+03	-9.380E-02
16	2	2	-1.678E-12	7.660E-13	1.512E-28	8.310E+03	3.552E+03	-4.689E+02	7.660E-13	-1.678E-12	1.571E+00	8.356E+03	3.506E+03	-9.728E-02
16	2	3	1.745E-12	1.162E-12	-3.419E-29	5.400E+03	8.311E+02	3.666E+02	1.745E-12	1.162E-12	0.000E+00	5.429E+03	8.019E+02	7.955E-02
16	2	4	1.804E-12	1.169E-12	-3.740E-29	5.331E+03	7.966E+02	3.527E+02	1.804E-12	1.169E-12	0.000E+00	5.358E+03	7.693E+02	7.716E-02
16	2	5	-1.614E-12	7.492E-13	1.462E-28	8.384E+03	3.469E+03	-4.571E+02	7.492E-13	-1.614E-12	1.571E+00	8.426E+03	3.426E+03	-9.195E-02
16	2	6	-1.555E-12	7.560E-13	1.430E-28	8.314E+03	3.434E+03	-4.710E+02	7.560E-13	-1.555E-12	1.571E+00	8.360E+03	3.389E+03	-9.534E-02
16	2	7	1.868E-12	1.152E-12	-4.235E-29	5.404E+03	7.135E+02	3.644E+02	1.868E-12	1.152E-12	0.000E+00	5.432E+03	6.854E+02	7.708E-02
16	2	8	1.928E-12	1.159E-12	-4.556E-29	5.335E+03	6.790E+02	3.505E+02	1.928E-12	1.159E-12	0.000E+00	5.361E+03	6.528E+02	7.473E-02
16	2	9	-1.846E-12	-4.477E-13	8.413E-29	9.637E+03	4.314E+03	-1.986E+02	-4.477E-13	-1.846E-12	1.571E+00	9.644E+03	4.307E+03	-3.724E-02
16	2	10	-1.787E-12	-4.408E-13	8.092E-29	9.567E+03	4.280E+03	-2.125E+02	-4.408E-13	-1.787E-12	1.571E+00	9.576E+03	4.271E+03	-4.010E-02
16	2	11	1.636E-12	-4.486E-14	-1.044E-28	6.657E+03	1.559E+03	6.230E+02	1.636E-12	-4.486E-14	0.000E+00	6.732E+03	1.484E+03	1.198E-01
16	2	12	1.695E-12	-3.798E-14	-1.076E-28	6.588E+03	1.524E+03	6.091E+02	1.695E-12	-3.798E-14	0.000E+00	6.660E+03	1.452E+03	1.180E-01
16	2	13	-1.723E-12	-4.577E-13	7.597E-29	9.641E+03	4.196E+03	-2.007E+02	-4.577E-13	-1.723E-12	1.571E+00	9.648E+03	4.189E+03	-3.680E-02
16	2	14	-1.664E-12	-4.508E-13	7.276E-29	9.571E+03	4.162E+03	-2.146E+02	-4.508E-13	-1.664E-12	1.571E+00	9.580E+03	4.153E+03	-3.959E-02
16	2	15	1.759E-12	-5.485E-14	-1.126E-28	6.661E+03	1.441E+03	6.208E+02	1.759E-12	-5.485E-14	0.000E+00	6.734E+03	1.369E+03	1.168E-01
16	2	16	1.819E-12	-4.797E-14	-1.158E-28	6.592E+03	1.407E+03	6.069E+02	1.819E-12	-4.797E-14	0.000E+00	6.662E+03	1.337E+03	1.150E-01
16	3	1	3.651E-13	-8.775E-13	-1.528E-28	3.698E+03	1.171E+03	6.330E+01	3.651E-13	-8.775E-13	0.000E+00	3.700E+03	1.169E+03	2.503E-02
16	3	2	3.690E-13	-8.471E-13	-1.495E-28	3.664E+03	1.152E+03	7.712E+01	3.690E-13	-8.471E-13	0.000E+00	3.667E+03	1.150E+03	3.066E-02
16	3	3	5.969E-13	8.984E-13	3.630E-29	2.571E+03	3.347E+02	1.670E+03	8.984E-13	5.969E-13	1.571E+00	3.462E+03	-5.566E+02	4.903E-01
16	3	4	6.009E-13	9.287E-13	3.953E-29	2.538E+03	3.158E+02	1.683E+03	9.287E-13	6.009E-13	1.571E+00	3.444E+03	-5.903E+02	4.938E-01
16	3	5	3.679E-13	-8.224E-13	-1.464E-28	3.708E+03	1.118E+03	1.332E+02	3.679E-13	-8.224E-13	0.000E+00	3.715E+03	1.112E+03	5.128E-02
16	3	6	3.719E-13	-7.921E-13	-1.432E-28	3.674E+03	1.100E+03	1.471E+02	3.719E-13	-7.921E-13	0.000E+00	3.682E+03	1.091E+03	5.687E-02
16	3	7	5.998E-13	9.535E-13	4.269E-29	2.581E+03	2.822E+02	1.740E+03	5.935E-13	5.998E-13	1.571E+00	3.516E+03	-6.534E+02	4.935E-01
16	3	8	6.038E-13	9.838E-13	4.593E-29	2.547E+03	2.633E+02	1.753E+03	9.838E-13	6.038E-13	1.571E+00	3.498E+03	-6.872E+02	4.968E-01
16	3	9	-2.422E-13	-9.359E-13	-8.434E-29	4.309E+03	1.555E+03	-2.623E+02	-2.422E-13	-9.359E-13	0.000E+00	4.333E+03	1.530E+03	-9.415E-02
16	3	10	-2.383E-13	-9.056E-13	-8.110E-29	4.275E+03	1.536E+03	-2.485E+02	-2.383E-13	-9.056E-13	0.000E+00	4.297E+03	1.514E+03	-8.977E-02
16	3	11	-1.033E-14	8.400E-13	1.047E-28	3.182E+03	7.190E+02	1.344E+03	8.400E-13	-1.033E-14	1.571E+00	3.773E+03	1.275E+02	4.146E-01
16	3	12	-6.383E-15	8.703E-13	1.080E-28	3.148E+03	7.001E+02	1.358E+03	8.703E-13	-6.383E-15	1.571E+00	3.752E+03	9.595E+01	4.186E-01
16	3	13	-2.394E-13	-8.808E-13	-7.794E-29	4.318E+03	1.503E+03	-1.924E+02	-2.394E-13	-8.808E-13	0.000E+00	4.331E+03	1.490E+03	-6.792E-02
16	3	14	-2.354E-13	-8.505E-13	-7.471E-29	4.284E+03	1.484E+03	-1.786E+02	-2.354E-13	-8.505E-13	0.000E+00	4.296E+03	1.472E+03	-6.342E-02

16	3	15	-7.463E-15	8.950E-13	1.111E-28	3.191E+03	6.665E+02	1.414E+03	8.950E-13	-7.463E-15	1.571E+00	3.824E+03	3.342E+01	4.210E-01
16	3	16	-3.512E-15	9.254E-13	1.144E-28	3.157E+03	6.476E+02	1.428E+03	9.254E-13	-3.512E-15	1.571E+00	3.803E+03	1.663E+00	4.249E-01
16	4	1	-1.640E-13	1.280E-13	-1.774E-29	-1.132E+03	-1.140E+03	-1.079E+03	1.280E-13	-1.640E-13	1.571E+00	-5.711E+01	-2.215E+03	-7.837E-01
16	4	2	-1.597E-13	1.262E-13	-1.737E-29	-1.118E+03	-1.110E+03	-1.089E+03	1.262E-13	-1.597E-13	1.571E+00	-2.486E+01	-2.202E+03	2.354E+00
16	4	3	8.210E-14	1.571E-14	4.204E-30	-6.747E+00	1.021E+03	4.506E+02	8.210E-14	1.571E-14	0.000E+00	1.191E+03	-1.763E+02	1.211E+00
16	4	4	8.640E-14	1.396E-14	4.574E-30	7.897E+00	1.051E+03	4.407E+02	8.640E-14	1.396E-14	0.000E+00	1.212E+03	-1.533E+02	1.220E+00
16	4	5	-1.625E-13	1.170E-13	-1.697E-29	-1.089E+03	-1.037E+03	-1.120E+03	1.170E-13	-1.625E-13	1.571E+00	5.681E+01	-2.183E+03	2.345E+00
16	4	6	-1.582E-13	1.153E-13	-1.660E-29	-1.075E+03	-1.007E+03	-1.130E+03	1.153E-13	-1.582E-13	1.571E+00	8.926E+01	-2.171E+03	2.341E+00
16	4	7	8.360E-14	4.744E-15	4.967E-30	3.622E+01	1.124E+03	4.097E+02	8.360E-14	4.744E-15	0.000E+00	1.261E+03	-1.009E+02	1.248E+00
16	4	8	8.790E-14	2.994E-15	5.338E-30	5.086E+01	1.154E+03	3.997E+02	8.790E-14	2.994E-15	0.000E+00	1.283E+03	-7.879E+01	1.257E+00
16	4	9	-1.115E-13	4.624E-14	-9.795E-30	-1.433E+03	-1.773E+03	-8.757E+02	4.624E-14	-1.115E-13	1.571E+00	-7.111E+02	-2.495E+03	-6.897E-01
16	4	10	-1.072E-13	4.449E-14	-9.425E-30	-1.419E+03	-1.743E+03	-8.856E+02	4.449E-14	-1.072E-13	1.571E+00	-6.804E+02	-2.481E+03	-6.949E-01
16	4	11	1.346E-13	-6.601E-14	1.215E-29	-3.079E+02	3.881E+02	6.538E+02	1.346E-13	-6.601E-14	0.000E+00	7.808E+02	-7.005E+02	1.030E+00
16	4	12	1.389E-13	-6.776E-14	1.252E-29	-2.932E+02	4.181E+02	6.438E+02	1.389E-13	-6.776E-14	0.000E+00	7.979E+02	-6.731E+02	1.038E+00
16	4	13	-1.100E-13	3.528E-14	-9.031E-30	-1.390E+03	-1.670E+03	-9.166E+02	3.528E-14	-1.100E-13	1.571E+00	-6.031E+02	-2.458E+03	-7.097E-01
16	4	14	-1.057E-13	3.353E-14	-8.661E-30	-1.376E+03	-1.640E+03	-9.266E+02	3.353E-14	-1.057E-13	1.571E+00	-5.721E+02	-2.444E+03	-7.145E-01
16	4	15	1.361E-13	-7.698E-14	1.291E-29	-2.649E+02	4.905E+02	6.129E+02	1.361E-13	-7.698E-14	0.000E+00	8.327E+02	-6.071E+02	1.062E+00
16	4	16	1.404E-13	-7.873E-14	1.328E-29	-2.502E+02	5.204E+02	6.029E+02	1.404E-13	-7.873E-14	0.000E+00	8.506E+02	-5.804E+02	1.070E+00
17	1	1	1.082E-13	7.210E-13	-1.963E-13	3.186E+03	7.503E+02	1.286E+03	7.785E-13	5.072E-14	1.571E+00	3.740E+03	1.968E+02	4.064E-01
17	1	2	1.127E-13	7.510E-13	-2.000E-13	3.153E+03	7.315E+02	1.300E+03	8.084E-13	5.522E-14	1.571E+00	3.718E+03	1.656E+02	4.105E-01
17	1	3	-1.692E-13	-1.128E-12	2.941E-14	4.380E+03	1.633E+03	-4.042E+02	-1.683E-13	-1.129E-12	0.000E+00	4.438E+03	1.575E+03	-1.431E-01
17	1	4	-1.647E-13	-1.098E-12	2.572E-14	4.346E+03	1.614E+03	-3.905E+02	-1.640E-13	-1.099E-12	0.000E+00	4.401E+03	1.559E+03	-1.392E-01
17	1	5	1.165E-13	7.770E-13	-1.808E-13	3.190E+03	6.944E+02	1.359E+03	8.233E-13	7.024E-14	1.571E+00	3.787E+03	9.712E+01	4.140E-01
17	1	6	1.210E-13	8.069E-13	-1.845E-13	3.156E+03	6.755E+02	1.373E+03	8.534E-13	7.452E-14	1.571E+00	3.766E+03	6.571E+01	4.180E-01
17	1	7	-1.609E-13	-1.072E-12	4.485E-14	4.384E+03	1.577E+03	-3.315E+02	-1.587E-13	-1.074E-12	0.000E+00	4.422E+03	1.538E+03	-1.160E-01
17	1	8	-1.564E-13	-1.042E-12	4.116E-14	4.350E+03	1.558E+03	-3.178E+02	-1.545E-13	-1.044E-12	0.000E+00	4.386E+03	1.522E+03	-1.119E-01
17	1	9	2.046E-13	1.364E-12	-7.791E-14	2.527E+03	2.774E+02	1.775E+03	1.369E-12	1.994E-13	1.571E+00	3.504E+03	-6.992E+02	5.030E-01
17	1	10	2.091E-13	1.394E-12	-8.159E-14	2.494E+03	2.586E+02	1.789E+03	1.399E-12	2.035E-13	1.571E+00	3.485E+03	-7.331E+02	5.062E-01
17	1	11	-7.275E-14	-4.853E-13	1.478E-13	3.721E+03	1.160E+03	8.458E+01	-2.529E-14	-5.328E-13	0.000E+00	3.724E+03	1.157E+03	3.298E-02
17	1	12	-6.826E-14	-4.553E-13	1.441E-13	3.688E+03	1.141E+03	9.828E+01	-2.052E-14	-5.031E-13	0.000E+00	3.691E+03	1.137E+03	3.852E-02
17	1	13	2.129E-13	1.420E-12	-6.247E-14	2.531E+03	2.214E+02	1.848E+03	1.423E-12	2.097E-13	1.571E+00	3.555E+03	-8.028E+02	5.061E-01
17	1	14	2.174E-13	1.450E-12	-6.616E-14	2.497E+03	2.026E+02	1.862E+03	1.453E-12	2.139E-13	1.571E+00	3.537E+03	-8.368E+02	5.092E-01
17	1	15	-6.444E-14	-4.293E-13	1.632E-13	3.725E+03	1.104E+03	1.573E+02	-2.090E-15	-4.917E-13	0.000E+00	3.734E+03	1.095E+03	5.972E-02
17	1	16	-5.995E-14	-3.994E-13	1.595E-13	3.691E+03	1.085E+03	1.710E+02	3.260E-15	-4.626E-13	0.000E+00	3.702E+03	1.074E+03	6.523E-02
17	2	1	-1.230E-13	2.078E-13	1.981E-29	-3.276E+02	3.235E+02	7.086E+02	2.078E-13	-1.230E-13	1.571E+00	7.777E+02	-7.818E+02	1.001E+00
17	2	2	-1.187E-13	2.061E-13	1.944E-29	-3.130E+02	3.533E+02	6.987E+02	2.061E-13	-1.187E-13	1.571E+00	7.942E+02	-7.539E+02	1.008E+00
17	2	3	-4.135E-15	-5.285E-14	-3.426E-30	-1.514E+03	-1.953E+03	-9.029E+02	-4.135E-15	-5.285E-14	0.000E+00	-8.045E+02	-2.663E+03	-6.662E-01
17	2	4	2.099E-16	-5.454E-14	-3.796E-30	-1.500E+03	-1.923E+03	-9.128E+02	2.099E-16	-5.454E-14	0.000E+00	-7.745E+02	-2.649E+03	-6.714E-01
17	2	5	-1.216E-13	1.967E-13	1.905E-29	-2.819E+02	4.316E+02	6.657E+02	1.967E-13	-1.216E-13	1.571E+00	8.301E+02	-6.803E+02	1.031E+00
17	2	6	-1.172E-13	1.950E-13	1.868E-29	-2.673E+02	4.614E+02	6.558E+02	1.950E-13	-1.172E-13	1.571E+00	8.473E+02	-6.531E+02	1.039E+00
17	2	7	-2.658E-15	-6.389E-14	-4.193E-30	-1.469E+03	-1.845E+03	-9.458E+02	-2.658E-15	-6.389E-14	0.000E+00	-6.924E+02	-2.621E+03	-6.872E-01
17	2	8	1.687E-15	-6.559E-14	-4.563E-30	-1.454E+03	-1.815E+03	-9.557E+02	1.687E-15	-6.559E-14	0.000E+00	-6.620E+02	-2.607E+03	-6.920E-01
17	2	9	-2.302E-14	1.100E-13	8.588E-30	4.839E+01	1.151E+03	4.481E+02	1.100E-13	-2.302E-14	1.571E+00	1.310E+03	-1.107E+02	1.230E+00

17	2	10	-1.868E-14	1.083E-13	8.219E-30	6.296E+01	1.181E+03	4.382E+02	1.083E-13	-1.868E-14	1.571E+00	1.332E+03	-8.833E+01	1.238E+00
17	2	11	9.588E-14	-1.506E-13	-1.465E-29	-1.138E+03	-1.125E+03	-1.163E+03	9.588E-14	-1.506E-13	0.000E+00	3.154E+01	-2.295E+03	2.353E+00
17	2	12	1.002E-13	-1.523E-13	-1.502E-29	-1.124E+03	-1.096E+03	-1.173E+03	1.002E-13	-1.523E-13	0.000E+00	6.367E+01	-2.283E+03	2.350E+00
17	2	13	-2.155E-14	9.895E-14	7.822E-30	9.412E+01	1.259E+03	4.052E+02	9.895E-14	-2.155E-14	1.571E+00	1.386E+03	-3.292E+01	1.267E+00
17	2	14	-1.720E-14	9.726E-14	7.452E-30	1.087E+02	1.289E+03	3.953E+02	9.726E-14	-1.720E-14	1.571E+00	1.409E+03	-1.146E+01	1.276E+00
17	2	15	9.736E-14	-1.617E-13	-1.542E-29	-1.093E+03	-1.017E+03	-1.206E+03	9.736E-14	-1.617E-13	0.000E+00	1.519E+02	-2.262E+03	2.341E+00
17	2	16	1.017E-13	-1.634E-13	-1.579E-29	-1.078E+03	-9.875E+02	-1.216E+03	1.017E-13	-1.634E-13	0.000E+00	1.842E+02	-2.250E+03	2.338E+00
17	3	1	1.188E-12	-2.803E-13	-1.748E-28	2.726E+03	9.713E+02	4.524E+01	1.188E-12	-2.803E-13	0.000E+00	2.727E+03	9.701E+02	2.576E-02
17	3	2	1.193E-12	-2.501E-13	-1.716E-28	2.705E+03	9.864E+02	8.078E+01	1.193E-12	-2.501E-13	0.000E+00	2.709E+03	9.827E+02	4.686E-02
17	3	3	-6.725E-13	-5.498E-13	2.011E-29	3.491E+03	6.389E+02	-3.027E+03	-5.498E-13	-6.725E-13	1.571E+00	5.410E+03	-1.281E+03	-5.653E-01
17	3	4	-6.681E-13	-5.197E-13	2.325E-29	3.470E+03	6.540E+02	-2.991E+03	-5.197E-13	-6.681E-13	1.571E+00	5.368E+03	-1.244E+03	-5.654E-01
17	3	5	1.170E-12	-2.103E-13	-1.640E-28	2.760E+03	1.013E+03	1.575E+02	1.170E-12	-2.103E-13	0.000E+00	2.774E+03	9.993E+02	8.923E-02
17	3	6	1.175E-12	-1.802E-13	-1.608E-28	2.739E+03	1.029E+03	1.931E+02	1.175E-12	-1.802E-13	0.000E+00	2.761E+03	1.007E+03	1.110E-01
17	3	7	-6.906E-13	-4.799E-13	3.088E-29	3.525E+03	6.810E+02	-2.914E+03	-4.799E-13	-6.906E-13	1.571E+00	5.345E+03	-1.140E+03	-5.584E-01
17	3	8	-6.862E-13	-4.497E-13	3.403E-29	3.504E+03	6.962E+02	-2.879E+03	-4.497E-13	-6.862E-13	1.571E+00	5.303E+03	-1.103E+03	-5.585E-01
17	3	9	1.011E-12	4.944E-13	-6.830E-29	3.193E+03	1.342E+03	9.654E+02	1.011E-12	4.944E-13	0.000E+00	3.605E+03	9.305E+02	4.032E-01
17	3	10	1.015E-12	5.245E-13	-6.515E-29	3.173E+03	1.358E+03	1.001E+03	1.015E-12	5.245E-13	0.000E+00	3.616E+03	9.140E+02	4.171E-01
17	3	11	-8.502E-13	2.248E-13	1.266E-28	3.958E+03	1.010E+03	-2.106E+03	2.248E-13	-8.502E-13	1.571E+00	5.055E+03	-8.695E+01	-4.801E-01
17	3	12	-8.457E-13	2.550E-13	1.297E-28	3.937E+03	1.025E+03	-2.071E+03	2.550E-13	-8.457E-13	1.571E+00	5.013E+03	-5.032E+01	-4.790E-01
17	3	13	9.926E-13	5.643E-13	-5.752E-29	3.227E+03	1.385E+03	1.078E+03	9.926E-13	5.643E-13	0.000E+00	3.724E+03	8.881E+02	4.317E-01
17	3	14	9.970E-13	5.945E-13	-5.437E-29	3.207E+03	1.400E+03	1.113E+03	9.970E-13	5.945E-13	0.000E+00	3.737E+03	8.695E+02	4.445E-01
17	3	15	-8.682E-13	2.948E-13	1.373E-28	3.992E+03	1.052E+03	-1.994E+03	2.948E-13	-8.682E-13	1.571E+00	5.000E+03	4.471E+01	-4.678E-01
17	3	16	-8.638E-13	3.249E-13	1.405E-28	3.971E+03	1.067E+03	-1.959E+03	3.249E-13	-8.638E-13	1.571E+00	4.957E+03	8.119E+01	-4.664E-01
17	4	1	-6.126E-13	2.276E-12	-1.739E-28	6.649E+03	1.626E+03	6.508E+02	2.276E-12	-6.126E-13	1.571E+00	6.732E+03	1.543E+03	1.268E-01
17	4	2	-5.531E-13	2.283E-12	-1.707E-28	6.580E+03	1.592E+03	6.369E+02	2.283E-12	-5.531E-13	1.571E+00	6.660E+03	1.511E+03	1.250E-01
17	4	3	-1.039E-12	-1.412E-12	2.586E-29	9.802E+03	4.533E+03	-2.144E+02	-1.039E-12	-1.412E-12	0.000E+00	9.810E+03	4.524E+03	-4.060E-02
17	4	4	-9.797E-13	-1.405E-12	2.907E-29	9.733E+03	4.498E+03	-2.283E+02	-9.797E-13	-1.405E-12	0.000E+00	9.743E+03	4.489E+03	-4.351E-02
17	4	5	-4.780E-13	2.268E-12	-1.651E-28	6.640E+03	1.502E+03	6.462E+02	2.268E-12	-4.780E-13	1.571E+00	6.720E+03	1.422E+03	1.232E-01
17	4	6	-4.185E-13	2.275E-12	-1.619E-28	6.571E+03	1.467E+03	6.323E+02	2.275E-12	-4.185E-13	1.571E+00	6.648E+03	1.390E+03	1.214E-01
17	4	7	-9.046E-13	-1.421E-12	3.464E-29	9.793E+03	4.409E+03	-2.190E+02	-9.046E-13	-1.421E-12	0.000E+00	9.802E+03	4.400E+03	-4.058E-02
17	4	8	-8.452E-13	-1.414E-12	3.785E-29	9.724E+03	4.374E+03	-2.329E+02	-8.452E-13	-1.414E-12	0.000E+00	9.735E+03	4.364E+03	-4.342E-02
17	4	9	9.185E-13	2.057E-12	-7.271E-29	5.306E+03	6.749E+02	3.677E+02	2.057E-12	9.185E-13	1.571E+00	5.335E+03	6.459E+02	7.875E-02
17	4	10	9.779E-13	2.063E-12	-6.949E-29	5.236E+03	6.405E+02	3.538E+02	2.063E-12	9.779E-13	1.571E+00	5.264E+03	6.134E+02	7.638E-02
17	4	11	4.919E-13	-1.632E-12	1.270E-28	8.459E+03	3.582E+03	-4.975E+02	4.919E-13	-1.632E-12	0.000E+00	8.509E+03	3.532E+03	-1.006E-01
17	4	12	5.513E-13	-1.625E-12	1.302E-28	8.390E+03	3.547E+03	-5.114E+02	5.513E-13	-1.625E-12	0.000E+00	8.443E+03	3.494E+03	-1.041E-01
17	4	13	1.053E-12	2.048E-12	-6.393E-29	5.297E+03	5.508E+02	3.631E+02	2.048E-12	1.053E-12	1.571E+00	5.325E+03	5.231E+02	7.591E-02
17	4	14	1.113E-12	2.055E-12	-6.071E-29	5.228E+03	5.164E+02	3.492E+02	2.055E-12	1.113E-12	1.571E+00	5.254E+03	4.906E+02	7.358E-02
17	4	15	6.265E-13	-1.641E-12	1.358E-28	8.450E+03	3.458E+03	-5.021E+02	6.265E-13	-1.641E-12	0.000E+00	8.500E+03	3.408E+03	-9.924E-02
17	4	16	6.859E-13	-1.634E-12	1.390E-28	8.381E+03	3.423E+03	-5.160E+02	6.859E-13	-1.634E-12	0.000E+00	8.434E+03	3.370E+03	-1.026E-01
18	1	1	3.931E-14	-2.519E-13	-7.406E-14	3.028E+03	2.606E+03	-6.611E+02	5.706E-14	-2.696E-13	0.000E+00	3.511E+03	2.123E+03	-6.310E-01
18	1	2	3.796E-14	-2.622E-13	-7.790E-14	3.017E+03	2.680E+03	-6.425E+02	5.697E-14	-2.812E-13	0.000E+00	3.513E+03	2.184E+03	-6.569E-01
18	1	3	1.289E-13	3.947E-13	1.669E-13	3.004E+03	-2.491E+03	-2.813E+03	4.751E-13	4.850E-14	1.571E+00	4.189E+03	-3.676E+03	-3.986E-01
18	1	4	1.276E-13	3.844E-13	1.630E-13	2.993E+03	-2.418E+03	-2.795E+03	4.635E-13	4.846E-14	1.571E+00	4.178E+03	-3.602E+03	-4.008E-01

18	1	5	1.220E-14	-2.717E-13	-9.003E-14	3.089E+03	2.827E+03	-6.003E+02	3.834E-14	-2.979E-13	0.000E+00	3.572E+03	2.344E+03	-6.778E-01
18	1	6	1.084E-14	-2.820E-13	-9.387E-14	3.078E+03	2.900E+03	-5.817E+02	3.835E-14	-3.095E-13	0.000E+00	3.578E+03	2.401E+03	-7.093E-01
18	1	7	1.018E-13	3.749E-13	1.509E-13	3.065E+03	-2.271E+03	-2.752E+03	4.418E-13	3.485E-14	1.571E+00	4.231E+03	-3.436E+03	-4.005E-01
18	1	8	1.004E-13	3.646E-13	1.470E-13	3.055E+03	-2.198E+03	-2.734E+03	4.301E-13	3.487E-14	1.571E+00	4.219E+03	-3.362E+03	-4.027E-01
18	1	9	-1.188E-13	-4.770E-13	-1.900E-13	3.464E+03	4.459E+03	-1.715E+02	-3.684E-14	-5.590E-13	0.000E+00	4.488E+03	3.435E+03	1.737E+00
18	1	10	-1.202E-13	-4.873E-13	-1.938E-13	3.453E+03	4.532E+03	-1.529E+02	-3.681E-14	-5.707E-13	0.000E+00	4.554E+03	3.432E+03	1.709E+00
18	1	11	-2.921E-14	1.695E-13	5.095E-14	3.440E+03	-6.384E+02	-2.324E+03	1.818E-13	-4.151E-14	1.571E+00	4.492E+03	-1.691E+03	-4.252E-01
18	1	12	-3.057E-14	1.592E-13	4.711E-14	3.429E+03	-5.653E+02	-2.305E+03	1.703E-13	-4.162E-14	1.571E+00	4.482E+03	-1.618E+03	-4.284E-01
18	1	13	-1.459E-13	-4.969E-13	-2.059E-13	3.525E+03	4.680E+03	-1.107E+02	-5.085E-14	-5.920E-13	0.000E+00	4.690E+03	3.514E+03	1.665E+00
18	1	14	-1.473E-13	-5.072E-13	-2.098E-13	3.514E+03	4.753E+03	-9.209E+01	-5.085E-14	-6.036E-13	0.000E+00	4.760E+03	3.507E+03	1.645E+00
18	1	15	-5.633E-14	1.497E-13	3.498E-14	3.501E+03	-4.180E+02	-2.263E+03	1.555E-13	-6.210E-14	1.571E+00	4.535E+03	-1.452E+03	-4.286E-01
18	1	16	-5.768E-14	1.394E-13	3.114E-14	3.490E+03	-3.448E+02	-2.244E+03	1.442E-13	-6.248E-14	1.571E+00	4.525E+03	-1.379E+03	-4.319E-01
18	2	1	-2.053E-13	1.540E-13	2.175E-29	-6.235E+01	-4.138E+02	-1.135E+03	1.540E-13	-2.053E-13	1.571E+00	9.109E+02	-1.387E+03	-7.086E-01
18	2	2	-2.037E-13	1.492E-13	2.136E-29	-7.549E+01	-3.756E+02	-1.134E+03	1.492E-13	-2.037E-13	1.571E+00	9.186E+02	-1.370E+03	-7.196E-01
18	2	3	9.923E-14	6.251E-14	-2.493E-30	6.054E+02	-3.209E+03	-1.919E+03	9.923E-14	6.251E-14	0.000E+00	1.404E+03	-4.008E+03	-3.942E-01
18	2	4	1.008E-13	5.768E-14	-2.883E-30	5.923E+02	-3.171E+03	-1.918E+03	1.008E-13	5.768E-14	0.000E+00	1.397E+03	-3.976E+03	-3.975E-01
18	2	5	-2.050E-13	1.318E-13	2.038E-29	-7.607E+01	-3.187E+02	-1.119E+03	1.318E-13	-2.050E-13	1.571E+00	9.277E+02	-1.323E+03	-7.314E-01
18	2	6	-2.034E-13	1.270E-13	1.999E-29	-8.921E+01	-2.806E+02	-1.117E+03	1.270E-13	-2.034E-13	1.571E+00	9.366E+02	-1.306E+03	-7.427E-01
18	2	7	9.952E-14	4.035E-14	-3.868E-30	5.917E+02	-3.114E+03	-1.902E+03	9.952E-14	4.035E-14	0.000E+00	1.394E+03	-3.917E+03	-3.992E-01
18	2	8	1.011E-13	3.552E-14	-4.257E-30	5.786E+02	-3.076E+03	-1.901E+03	1.011E-13	3.552E-14	0.000E+00	1.388E+03	-3.886E+03	-4.026E-01
18	2	9	-1.554E-13	-1.995E-14	8.538E-30	-3.249E+02	4.810E+02	-1.035E+03	-1.995E-14	-1.554E-13	1.571E+00	1.189E+03	-1.033E+03	2.171E+00
18	2	10	-1.539E-13	-2.478E-14	8.149E-30	-3.381E+02	5.192E+02	-1.034E+03	-2.478E-14	-1.539E-13	1.571E+00	1.210E+03	-1.029E+03	2.160E+00
18	2	11	1.491E-13	-1.114E-13	-1.571E-29	3.429E+02	-2.315E+03	-1.819E+03	1.491E-13	-1.114E-13	0.000E+00	1.266E+03	-3.238E+03	-4.699E-01
18	2	12	1.506E-13	-1.163E-13	-1.610E-29	3.297E+02	-2.276E+03	-1.817E+03	1.506E-13	-1.163E-13	0.000E+00	1.263E+03	-3.210E+03	-4.744E-01
18	2	13	-1.551E-13	-4.211E-14	7.164E-30	-3.386E+02	5.761E+02	-1.018E+03	-4.211E-14	-1.551E-13	1.571E+00	1.235E+03	-9.974E+02	2.145E+00
18	2	14	-1.536E-13	-4.694E-14	6.774E-30	-3.518E+02	6.142E+02	-1.017E+03	-4.694E-14	-1.536E-13	1.571E+00	1.257E+03	-9.946E+02	2.134E+00
18	2	15	1.494E-13	-1.336E-13	-1.708E-29	3.292E+02	-2.219E+03	-1.802E+03	1.494E-13	-1.336E-13	0.000E+00	1.262E+03	-3.152E+03	-4.776E-01
18	2	16	1.509E-13	-1.384E-13	-1.747E-29	3.160E+02	-2.181E+03	-1.801E+03	1.509E-13	-1.384E-13	0.000E+00	1.258E+03	-3.124E+03	-4.822E-01
18	3	1	1.321E-13	-4.072E-13	-6.551E-29	1.837E+03	-1.495E+03	-1.286E+03	1.321E-13	-4.072E-13	0.000E+00	2.275E+03	-1.934E+03	-3.286E-01
18	3	2	1.215E-13	-4.084E-13	-6.434E-29	1.844E+03	-1.441E+03	-1.293E+03	1.215E-13	-4.084E-13	0.000E+00	2.292E+03	-1.889E+03	-3.335E-01
18	3	3	2.041E-13	2.614E-13	7.559E-30	1.351E+03	-5.375E+03	-1.654E+03	2.614E-13	2.041E-13	1.571E+00	1.736E+03	-5.760E+03	-2.286E-01
18	3	4	1.935E-13	2.603E-13	8.721E-30	1.359E+03	-5.320E+03	-1.662E+03	2.603E-13	1.935E-13	1.571E+00	1.749E+03	-5.711E+03	-2.309E-01
18	3	5	9.926E-14	-4.069E-13	-6.144E-29	1.865E+03	-1.429E+03	-1.277E+03	9.926E-14	-4.069E-13	0.000E+00	2.302E+03	-1.866E+03	-3.297E-01
18	3	6	8.863E-14	-4.081E-13	-6.028E-29	1.873E+03	-1.375E+03	-1.284E+03	8.863E-14	-4.081E-13	0.000E+00	2.319E+03	-1.821E+03	-3.346E-01
18	3	7	1.713E-13	2.617E-13	1.162E-29	1.380E+03	-5.308E+03	-1.645E+03	2.617E-13	1.713E-13	1.571E+00	1.763E+03	-5.691E+03	-2.286E-01
18	3	8	1.606E-13	2.606E-13	1.278E-29	1.387E+03	-5.254E+03	-1.653E+03	2.606E-13	1.606E-13	1.571E+00	1.776E+03	-5.643E+03	-2.309E-01
18	3	9	-1.729E-13	-3.782E-13	-2.568E-29	2.049E+03	-3.942E+02	-1.445E+03	-1.729E-13	-3.782E-13	0.000E+00	2.719E+03	-1.065E+03	-4.345E-01
18	3	10	-1.836E-13	-3.794E-13	-2.452E-29	2.056E+03	-3.398E+02	-1.452E+03	-1.836E-13	-3.794E-13	0.000E+00	2.740E+03	-1.024E+03	-4.405E-01
18	3	11	-1.009E-13	2.904E-13	4.738E-29	1.563E+03	-4.274E+03	-1.813E+03	2.904E-13	-1.009E-13	1.571E+00	2.081E+03	-4.791E+03	-2.780E-01
18	3	12	-1.116E-13	2.893E-13	4.854E-29	1.570E+03	-4.219E+03	-1.821E+03	2.893E-13	-1.116E-13	1.571E+00	2.095E+03	-4.744E+03	-2.807E-01
18	3	13	-2.058E-13	-3.780E-13	-2.162E-29	2.077E+03	-3.279E+02	-1.436E+03	-2.058E-13	-3.780E-13	0.000E+00	2.747E+03	-9.982E+02	-4.368E-01
18	3	14	-2.164E-13	-3.791E-13	-2.046E-29	2.084E+03	-2.735E+02	-1.443E+03	-2.164E-13	-3.791E-13	0.000E+00	2.769E+03	-9.581E+02	-4.429E-01
18	3	15	-1.338E-13	2.907E-13	5.144E-29	1.592E+03	-4.207E+03	-1.804E+03	2.907E-13	-1.338E-13	1.571E+00	2.107E+03	-4.723E+03	-2.783E-01

18	3	16	-1.444E-13	2.896E-13	5.260E-29	1.599E+03	-4.153E+03	-1.812E+03	2.896E-13	-1.444E-13	1.571E+00	2.122E+03	-4.676E+03	-2.811E-01
18	4	1	-7.964E-13	3.352E-13	-6.902E-29	5.094E+03	1.416E+03	4.641E+02	3.352E-13	-7.964E-13	1.571E+00	5.152E+03	1.359E+03	1.236E-01
18	4	2	-7.960E-13	3.147E-13	-6.773E-29	5.099E+03	1.523E+03	4.457E+02	3.147E-13	-7.960E-13	1.571E+00	5.153E+03	1.468E+03	1.221E-01
18	4	3	4.910E-13	3.116E-13	1.126E-29	4.315E+03	-6.044E+03	2.869E+02	4.910E-13	3.116E-13	0.000E+00	4.323E+03	-6.052E+03	2.767E-02
18	4	4	4.915E-13	2.911E-13	1.254E-29	4.319E+03	-5.938E+03	2.685E+02	4.915E-13	2.911E-13	0.000E+00	4.326E+03	-5.945E+03	2.615E-02
18	4	5	-7.996E-13	2.807E-13	-6.587E-29	5.185E+03	1.648E+03	4.898E+02	2.807E-13	-7.996E-13	1.571E+00	5.252E+03	1.582E+03	1.351E-01
18	4	6	-7.992E-13	2.602E-13	-6.459E-29	5.189E+03	1.754E+03	4.714E+02	2.602E-13	-7.992E-13	1.571E+00	5.253E+03	1.691E+03	1.339E-01
18	4	7	4.879E-13	2.571E-13	1.440E-29	4.405E+03	-5.812E+03	3.126E+02	4.879E-13	2.571E-13	0.000E+00	4.415E+03	-5.822E+03	3.056E-02
18	4	8	4.883E-13	2.366E-13	1.568E-29	4.410E+03	-5.706E+03	2.942E+02	4.883E-13	2.366E-13	0.000E+00	4.418E+03	-5.714E+03	2.905E-02
18	4	9	-7.135E-13	-2.334E-13	-2.967E-29	5.635E+03	3.806E+03	8.670E+02	-2.334E-13	-7.135E-13	1.571E+00	5.981E+03	3.460E+03	3.793E-01
18	4	10	-7.131E-13	-2.539E-13	-2.839E-29	5.640E+03	3.912E+03	8.486E+02	-2.539E-13	-7.131E-13	1.571E+00	5.987E+03	3.565E+03	3.882E-01
18	4	11	5.739E-13	-2.570E-13	5.060E-29	4.856E+03	-3.655E+03	6.898E+02	5.739E-13	-2.570E-13	0.000E+00	4.911E+03	-3.710E+03	8.036E-02
18	4	12	5.743E-13	-2.775E-13	5.188E-29	4.860E+03	-3.548E+03	6.714E+02	5.743E-13	-2.775E-13	0.000E+00	4.913E+03	-3.602E+03	7.918E-02
18	4	13	-7.167E-13	-2.879E-13	-2.653E-29	5.726E+03	4.037E+03	8.928E+02	-2.879E-13	-7.167E-13	1.571E+00	6.111E+03	3.653E+03	4.066E-01
18	4	14	-7.163E-13	-3.084E-13	-2.525E-29	5.730E+03	4.144E+03	8.744E+02	-3.084E-13	-7.163E-13	1.571E+00	6.118E+03	3.756E+03	4.169E-01
18	4	15	5.707E-13	-3.115E-13	5.375E-29	4.947E+03	-3.423E+03	7.156E+02	5.707E-13	-3.115E-13	0.000E+00	5.007E+03	-3.484E+03	8.468E-02
18	4	16	5.712E-13	-3.320E-13	5.503E-29	4.951E+03	-3.317E+03	6.972E+02	5.712E-13	-3.320E-13	0.000E+00	5.009E+03	-3.375E+03	8.354E-02
19	1	1	2.336E-16	3.776E-17	1.462E-17	1.751E+03	-1.299E+03	-1.044E+03	2.346E-16	3.668E-17	0.000E+00	2.075E+03	-1.622E+03	-3.002E-01
19	1	2	2.321E-16	2.778E-17	1.491E-18	1.756E+03	-1.259E+03	-1.054E+03	2.321E-16	2.777E-17	0.000E+00	2.088E+03	-1.591E+03	-3.051E-01
19	1	3	2.336E-16	3.776E-17	1.462E-17	1.465E+03	-4.270E+03	-1.193E+03	2.346E-16	3.668E-17	0.000E+00	1.704E+03	-4.508E+03	-1.972E-01
19	1	4	2.321E-16	2.778E-17	1.491E-18	1.470E+03	-4.230E+03	-1.203E+03	2.321E-16	2.777E-17	0.000E+00	1.714E+03	-4.473E+03	-1.997E-01
19	1	5	-2.321E-16	-2.778E-17	-1.491E-18	1.778E+03	-1.214E+03	-1.030E+03	-2.777E-17	-2.321E-16	1.571E+00	2.098E+03	-1.534E+03	-3.015E-01
19	1	6	-2.336E-16	-3.776E-17	-1.462E-17	1.782E+03	-1.174E+03	-1.040E+03	-3.668E-17	-2.346E-16	1.571E+00	2.112E+03	-1.503E+03	-3.065E-01
19	1	7	-2.321E-16	-2.778E-17	-1.491E-18	1.492E+03	-4.184E+03	-1.179E+03	-2.777E-17	-2.321E-16	1.571E+00	1.727E+03	-4.419E+03	-1.969E-01
19	1	8	-2.336E-16	-3.776E-17	-1.462E-17	1.497E+03	-4.144E+03	-1.189E+03	-3.668E-17	-2.346E-16	1.571E+00	1.737E+03	-4.384E+03	-1.994E-01
19	1	9	2.336E-16	3.776E-17	1.462E-17	1.927E+03	-4.051E+02	-8.299E+02	2.346E-16	3.668E-17	0.000E+00	2.192E+03	-6.703E+02	-3.093E-01
19	1	10	2.321E-16	2.778E-17	1.491E-18	1.931E+03	-3.651E+02	-8.396E+02	2.321E-16	2.777E-17	0.000E+00	2.206E+03	-6.393E+02	-3.157E-01
19	1	11	2.336E-16	3.776E-17	1.462E-17	1.641E+03	-3.376E+03	-9.788E+02	2.346E-16	3.668E-17	0.000E+00	1.825E+03	-3.560E+03	-1.860E-01
19	1	12	2.321E-16	2.778E-17	1.491E-18	1.646E+03	-3.335E+03	-9.885E+02	2.321E-16	2.777E-17	0.000E+00	1.835E+03	-3.524E+03	-1.889E-01
19	1	13	-2.321E-16	-2.778E-17	-1.491E-18	1.953E+03	-3.196E+02	-8.157E+02	-2.777E-17	-2.321E-16	1.571E+00	2.216E+03	-5.820E+02	-3.112E-01
19	1	14	-2.336E-16	-3.776E-17	-1.462E-17	1.958E+03	-2.795E+02	-8.254E+02	-3.668E-17	-2.346E-16	1.571E+00	2.229E+03	-5.510E+02	-3.178E-01
19	1	15	-2.321E-16	-2.778E-17	-1.491E-18	1.668E+03	-3.290E+03	-9.646E+02	-2.777E-17	-2.321E-16	1.571E+00	1.849E+03	-3.471E+03	-1.856E-01
19	1	16	-2.336E-16	-3.776E-17	-1.462E-17	1.672E+03	-3.250E+03	-9.743E+02	-3.668E-17	-2.346E-16	1.571E+00	1.858E+03	-3.436E+03	-1.885E-01
19	2	1	3.001E-17	2.383E-16	1.275E-32	6.383E+02	-1.332E+03	-1.038E+03	2.383E-16	3.001E-17	1.571E+00	1.085E+03	-1.778E+03	-4.059E-01
19	2	2	3.828E-17	2.194E-16	1.109E-32	6.390E+02	-1.296E+03	-1.046E+03	2.194E-16	3.828E-17	1.571E+00	1.096E+03	-1.753E+03	-4.121E-01
19	2	3	3.001E-17	2.383E-16	1.275E-32	6.364E+02	-3.642E+03	-1.240E+03	2.383E-16	3.001E-17	1.571E+00	9.700E+02	-3.976E+03	-2.627E-01
19	2	4	3.828E-17	2.194E-16	1.109E-32	6.372E+02	-3.607E+03	-1.248E+03	2.194E-16	3.828E-17	1.571E+00	9.769E+02	-3.947E+03	-2.658E-01
19	2	5	-3.828E-17	-2.194E-16	-1.109E-32	6.493E+02	-1.287E+03	-1.036E+03	-3.828E-17	-2.194E-16	0.000E+00	1.099E+03	-1.737E+03	-4.095E-01
19	2	6	-3.001E-17	-2.383E-16	-1.275E-32	6.500E+02	-1.252E+03	-1.043E+03	-3.001E-17	-2.383E-16	0.000E+00	1.111E+03	-1.713E+03	-4.158E-01
19	2	7	-3.828E-17	-2.194E-16	-1.109E-32	6.474E+02	-3.598E+03	-1.238E+03	-3.828E-17	-2.194E-16	0.000E+00	9.819E+02	-3.933E+03	-2.639E-01
19	2	8	-3.001E-17	-2.383E-16	-1.275E-32	6.482E+02	-3.563E+03	-1.245E+03	-3.001E-17	-2.383E-16	0.000E+00	9.889E+02	-3.903E+03	-2.670E-01
19	2	9	3.001E-17	2.383E-16	1.275E-32	7.044E+02	-6.147E+02	-1.187E+03	2.383E-16	3.001E-17	1.571E+00	1.403E+03	-1.313E+03	-5.318E-01
19	2	10	3.828E-17	2.194E-16	1.109E-32	7.052E+02	-5.794E+02	-1.194E+03	2.194E-16	3.828E-17	1.571E+00	1.419E+03	-1.293E+03	-5.387E-01

19	2	11	3.001E-17	2.383E-16	1.275E-32	7.026E+02	-2.926E+03	-1.389E+03	2.383E-16	3.001E-17	1.571E+00	1.173E+03	-3.396E+03	-3.267E-01
19	2	12	3.828E-17	2.194E-16	1.109E-32	7.034E+02	-2.890E+03	-1.396E+03	2.194E-16	3.828E-17	1.571E+00	1.182E+03	-3.369E+03	-3.303E-01
19	2	13	-3.828E-17	-2.194E-16	-1.109E-32	7.154E+02	-5.705E+02	-1.184E+03	-3.828E-17	-2.194E-16	0.000E+00	1.420E+03	-1.275E+03	-5.367E-01
19	2	14	-3.001E-17	-2.383E-16	-1.275E-32	7.162E+02	-5.352E+02	-1.192E+03	-3.001E-17	-2.383E-16	0.000E+00	1.436E+03	-1.255E+03	-5.436E-01
19	2	15	-3.828E-17	-2.194E-16	-1.109E-32	7.136E+02	-2.881E+03	-1.386E+03	-3.828E-17	-2.194E-16	0.000E+00	1.186E+03	-3.354E+03	-3.284E-01
19	2	16	-3.001E-17	-2.383E-16	-1.275E-32	7.144E+02	-2.846E+03	-1.393E+03	-3.001E-17	-2.383E-16	0.000E+00	1.195E+03	-3.326E+03	-3.321E-01
19	3	1	2.347E-16	3.154E-17	-2.487E-32	8.580E+02	-1.620E+03	-5.866E+02	2.347E-16	3.154E-17	0.000E+00	9.898E+02	-1.752E+03	-2.211E-01
19	3	2	2.153E-16	3.946E-17	-2.153E-32	8.664E+02	-1.598E+03	-5.964E+02	2.153E-16	3.946E-17	0.000E+00	1.003E+03	-1.735E+03	-2.254E-01
19	3	3	2.347E-16	3.154E-17	-2.487E-32	5.985E+02	-3.026E+03	-6.084E+02	2.347E-16	3.154E-17	0.000E+00	6.979E+02	-3.126E+03	-1.619E-01
19	3	4	2.153E-16	3.946E-17	-2.153E-32	6.069E+02	-3.005E+03	-6.181E+02	2.153E-16	3.946E-17	0.000E+00	7.098E+02	-3.107E+03	-1.649E-01
19	3	5	-2.153E-16	-3.946E-17	2.153E-32	8.713E+02	-1.603E+03	-5.825E+02	-3.946E-17	-2.153E-16	1.571E+00	1.002E+03	-1.733E+03	-2.201E-01
19	3	6	-2.347E-16	-3.154E-17	2.487E-32	8.797E+02	-1.581E+03	-5.923E+02	-3.154E-17	-2.347E-16	1.571E+00	1.015E+03	-1.716E+03	-2.243E-01
19	3	7	-2.153E-16	-3.946E-17	2.153E-32	6.118E+02	-3.009E+03	-6.043E+02	-3.946E-17	-2.153E-16	1.571E+00	7.100E+02	-3.107E+03	-1.611E-01
19	3	8	-2.347E-16	-3.154E-17	2.487E-32	6.202E+02	-2.987E+03	-6.140E+02	-3.154E-17	-2.347E-16	1.571E+00	7.219E+02	-3.089E+03	-1.641E-01
19	3	9	2.347E-16	3.154E-17	-2.487E-32	1.035E+03	-1.193E+03	-7.808E+02	2.347E-16	3.154E-17	0.000E+00	1.282E+03	-1.439E+03	-3.057E-01
19	3	10	2.153E-16	3.946E-17	-2.153E-32	1.044E+03	-1.171E+03	-7.906E+02	2.153E-16	3.946E-17	0.000E+00	1.297E+03	-1.424E+03	-3.100E-01
19	3	11	2.347E-16	3.154E-17	-2.487E-32	7.759E+02	-2.599E+03	-8.026E+02	2.347E-16	3.154E-17	0.000E+00	9.571E+02	-2.780E+03	-2.220E-01
19	3	12	2.153E-16	3.946E-17	-2.153E-32	7.843E+02	-2.577E+03	-8.124E+02	2.153E-16	3.946E-17	0.000E+00	9.704E+02	-2.763E+03	-2.251E-01
19	3	13	-2.153E-16	-3.946E-17	2.153E-32	1.049E+03	-1.175E+03	-7.767E+02	-3.946E-17	-2.153E-16	1.571E+00	1.293E+03	-1.420E+03	-3.049E-01
19	3	14	-2.347E-16	-3.154E-17	2.487E-32	1.057E+03	-1.153E+03	-7.865E+02	-3.154E-17	-2.347E-16	1.571E+00	1.308E+03	-1.405E+03	-3.092E-01
19	3	15	-2.153E-16	-3.946E-17	2.153E-32	7.893E+02	-2.582E+03	-7.985E+02	-3.946E-17	-2.153E-16	1.571E+00	9.688E+02	-2.761E+03	-2.212E-01
19	3	16	-2.347E-16	-3.154E-17	2.487E-32	7.977E+02	-2.560E+03	-8.083E+02	-3.154E-17	-2.347E-16	1.571E+00	9.821E+02	-2.744E+03	-2.244E-01
19	4	1	2.987E-17	2.393E-16	-1.283E-32	2.092E+03	-2.091E+03	4.262E+02	2.393E-16	2.987E-17	1.571E+00	2.135E+03	-2.134E+03	1.005E-01
19	4	2	3.760E-17	2.192E-16	-1.112E-32	2.103E+03	-2.056E+03	4.118E+02	2.192E-16	3.760E-17	1.571E+00	2.143E+03	-2.096E+03	9.777E-02
19	4	3	2.987E-17	2.393E-16	-1.283E-32	1.690E+03	-4.753E+03	4.080E+02	2.393E-16	2.987E-17	1.571E+00	1.716E+03	-4.779E+03	6.299E-02
19	4	4	3.760E-17	2.192E-16	-1.112E-32	1.700E+03	-4.718E+03	3.936E+02	2.192E-16	3.760E-17	1.571E+00	1.724E+03	-4.742E+03	6.102E-02
19	4	5	-3.760E-17	-2.192E-16	1.112E-32	2.118E+03	-2.019E+03	4.317E+02	-3.760E-17	-2.192E-16	0.000E+00	2.163E+03	-2.063E+03	1.029E-01
19	4	6	-2.987E-17	-2.393E-16	1.283E-32	2.128E+03	-1.983E+03	4.173E+02	-2.987E-17	-2.393E-16	0.000E+00	2.170E+03	-2.025E+03	1.001E-01
19	4	7	-3.760E-17	-2.192E-16	1.112E-32	1.715E+03	-4.681E+03	4.135E+02	-3.760E-17	-2.192E-16	0.000E+00	1.742E+03	-4.707E+03	6.429E-02
19	4	8	-2.987E-17	-2.393E-16	1.283E-32	1.725E+03	-4.645E+03	3.991E+02	-2.987E-17	-2.393E-16	0.000E+00	1.750E+03	-4.670E+03	6.232E-02
19	4	9	2.987E-17	2.393E-16	-1.283E-32	2.333E+03	-1.311E+03	1.405E+02	2.393E-16	2.987E-17	1.571E+00	2.338E+03	-1.317E+03	3.848E-02
19	4	10	3.760E-17	2.192E-16	-1.112E-32	2.343E+03	-1.276E+03	1.261E+02	2.192E-16	3.760E-17	1.571E+00	2.347E+03	-1.280E+03	3.478E-02
19	4	11	2.987E-17	2.393E-16	-1.283E-32	1.930E+03	-3.973E+03	1.223E+02	2.393E-16	2.987E-17	1.571E+00	1.933E+03	-3.976E+03	2.070E-02
19	4	12	3.760E-17	2.192E-16	-1.112E-32	1.940E+03	-3.938E+03	1.079E+02	2.192E-16	3.760E-17	1.571E+00	1.942E+03	-3.940E+03	1.834E-02
19	4	13	-3.760E-17	-2.192E-16	1.112E-32	2.359E+03	-1.239E+03	1.460E+02	-3.760E-17	-2.192E-16	0.000E+00	2.365E+03	-1.245E+03	4.050E-02
19	4	14	-2.987E-17	-2.393E-16	1.283E-32	2.369E+03	-1.204E+03	1.316E+02	-2.987E-17	-2.393E-16	0.000E+00	2.374E+03	-1.208E+03	3.677E-02
19	4	15	-3.760E-17	-2.192E-16	1.112E-32	1.956E+03	-3.901E+03	1.278E+02	-3.760E-17	-2.192E-16	0.000E+00	1.959E+03	-3.904E+03	2.180E-02
19	4	16	-2.987E-17	-2.393E-16	1.283E-32	1.966E+03	-3.866E+03	1.134E+02	-2.987E-17	-2.393E-16	0.000E+00	1.968E+03	-3.868E+03	1.943E-02
20	1	1	2.288E-16	6.348E-17	1.068E-16	9.702E+02	-8.724E+02	-3.550E+02	2.812E-16	1.105E-17	0.000E+00	1.036E+03	-9.385E+02	-1.839E-01
20	1	2	2.115E-16	-5.165E-17	9.636E-17	9.769E+02	-8.590E+02	-3.634E+02	2.430E-16	-8.316E-17	0.000E+00	1.046E+03	-9.283E+02	-1.885E-01
20	1	3	2.288E-16	6.348E-17	1.068E-16	8.427E+02	-1.732E+03	-3.782E+02	2.812E-16	1.105E-17	0.000E+00	8.971E+02	-1.786E+03	-1.429E-01
20	1	4	2.115E-16	-5.165E-17	9.636E-17	8.494E+02	-1.719E+03	-3.865E+02	2.430E-16	-8.316E-17	0.000E+00	9.063E+02	-1.775E+03	-1.462E-01
20	1	5	-2.115E-16	5.165E-17	-9.636E-17	9.824E+02	-8.515E+02	-3.503E+02	8.316E-17	-2.430E-16	1.571E+00	1.047E+03	-9.161E+02	-1.825E-01

20	1	6	-2.288E-16	-6.348E-17	-1.068E-16	9.891E+02	-8.380E+02	-3.586E+02	-1.105E-17	-2.812E-16	1.571E+00	1.057E+03	-9.059E+02	-1.870E-01
20	1	7	-2.115E-16	5.165E-17	-9.636E-17	8.549E+02	-1.711E+03	-3.734E+02	8.316E-17	-2.430E-16	1.571E+00	9.081E+02	-1.764E+03	-1.416E-01
20	1	8	-2.288E-16	-6.348E-17	-1.068E-16	8.616E+02	-1.698E+03	-3.818E+02	-1.105E-17	-2.812E-16	1.571E+00	9.173E+02	-1.753E+03	-1.450E-01
20	1	9	2.288E-16	6.348E-17	1.068E-16	1.116E+03	-5.931E+02	-5.225E+02	2.812E-16	1.105E-17	0.000E+00	1.263E+03	-7.402E+02	-2.745E-01
20	1	10	2.115E-16	-5.165E-17	9.636E-17	1.122E+03	-5.797E+02	-5.309E+02	2.430E-16	-8.316E-17	0.000E+00	1.274E+03	-7.317E+02	-2.789E-01
20	1	11	2.288E-16	6.348E-17	1.068E-16	9.881E+02	-1.453E+03	-5.457E+02	2.812E-16	1.105E-17	0.000E+00	1.105E+03	-1.569E+03	-2.102E-01
20	1	12	2.115E-16	-5.165E-17	9.636E-17	9.949E+02	-1.439E+03	-5.540E+02	2.430E-16	-8.316E-17	0.000E+00	1.115E+03	-1.559E+03	-2.136E-01
20	1	13	-2.115E-16	5.165E-17	-9.636E-17	1.128E+03	-5.721E+02	-5.178E+02	8.316E-17	-2.430E-16	1.571E+00	1.273E+03	-7.174E+02	-2.736E-01
20	1	14	-2.288E-16	-6.348E-17	-1.068E-16	1.135E+03	-5.587E+02	-5.261E+02	-1.105E-17	-2.812E-16	1.571E+00	1.285E+03	-7.088E+02	-2.780E-01
20	1	15	-2.115E-16	5.165E-17	-9.636E-17	1.000E+03	-1.432E+03	-5.409E+02	8.316E-17	-2.430E-16	1.571E+00	1.115E+03	-1.547E+03	-2.093E-01
20	1	16	-2.288E-16	-6.348E-17	-1.068E-16	1.007E+03	-1.418E+03	-5.492E+02	-1.105E-17	-2.812E-16	1.571E+00	1.126E+03	-1.537E+03	-2.126E-01
20	2	1	5.605E-18	2.491E-16	1.491E-32	3.180E+02	-3.807E+02	-4.643E+02	2.491E-16	5.605E-18	1.571E+00	5.497E+02	-6.124E+02	-4.629E-01
20	2	2	-1.205E-17	1.447E-16	9.599E-33	3.216E+02	-3.693E+02	-4.693E+02	1.447E-16	-1.205E-17	1.571E+00	5.589E+02	-6.066E+02	-4.682E-01
20	2	3	5.605E-18	2.491E-16	1.491E-32	2.023E+02	-8.697E+02	-5.758E+02	2.491E-16	5.605E-18	1.571E+00	4.530E+02	-1.120E+03	-4.106E-01
20	2	4	-1.205E-17	1.447E-16	9.599E-33	2.059E+02	-8.583E+02	-5.808E+02	1.447E-16	-1.205E-17	1.571E+00	4.615E+02	-1.114E+03	-4.146E-01
20	2	5	1.205E-17	-1.447E-16	-9.599E-33	3.257E+02	-3.737E+02	-4.626E+02	1.205E-17	-1.447E-16	0.000E+00	5.559E+02	-6.039E+02	-4.618E-01
20	2	6	-5.605E-18	-2.491E-16	-1.491E-32	3.293E+02	-3.622E+02	-4.677E+02	-5.605E-18	-2.491E-16	0.000E+00	5.651E+02	-5.981E+02	-4.671E-01
20	2	7	1.205E-17	-1.447E-16	-9.599E-33	2.101E+02	-8.627E+02	-5.741E+02	1.205E-17	-1.447E-16	0.000E+00	4.594E+02	-1.112E+03	-4.097E-01
20	2	8	-5.605E-18	-2.491E-16	-1.491E-32	2.136E+02	-8.513E+02	-5.792E+02	-5.605E-18	-2.491E-16	0.000E+00	4.679E+02	-1.106E+03	-4.137E-01
20	2	9	5.605E-18	2.491E-16	1.491E-32	3.984E+02	-1.575E+02	-5.642E+02	2.491E-16	5.605E-18	1.571E+00	7.494E+02	-5.085E+02	-5.565E-01
20	2	10	-1.205E-17	1.447E-16	9.599E-33	4.019E+02	-1.461E+02	-5.692E+02	1.447E-16	-1.205E-17	1.571E+00	7.597E+02	-5.038E+02	-5.611E-01
20	2	11	5.605E-18	2.491E-16	1.491E-32	2.827E+02	-6.465E+02	-6.757E+02	2.491E-16	5.605E-18	1.571E+00	6.381E+02	-1.002E+03	-4.842E-01
20	2	12	-1.205E-17	1.447E-16	9.599E-33	2.863E+02	-6.351E+02	-6.808E+02	1.447E-16	-1.205E-17	1.571E+00	6.476E+02	-9.964E+02	-4.879E-01
20	2	13	1.205E-17	-1.447E-16	-9.599E-33	4.061E+02	-1.505E+02	-5.626E+02	1.205E-17	-1.447E-16	0.000E+00	7.554E+02	-4.998E+02	-5.557E-01
20	2	14	-5.605E-18	-2.491E-16	-1.491E-32	4.097E+02	-1.390E+02	-5.676E+02	-5.605E-18	-2.491E-16	0.000E+00	7.658E+02	-4.951E+02	-5.603E-01
20	2	15	1.205E-17	-1.447E-16	-9.599E-33	2.904E+02	-6.395E+02	-6.741E+02	1.205E-17	-1.447E-16	0.000E+00	6.444E+02	-9.934E+02	-4.835E-01
20	2	16	-5.605E-18	-2.491E-16	-1.491E-32	2.940E+02	-6.281E+02	-6.791E+02	-5.605E-18	-2.491E-16	0.000E+00	6.538E+02	-9.879E+02	-4.872E-01
20	3	1	2.464E-16	-1.890E-17	-3.249E-32	6.105E+02	-2.923E+02	-1.958E+02	2.464E-16	-1.890E-17	0.000E+00	6.511E+02	-3.329E+02	-2.046E-01
20	3	2	1.305E-16	-3.540E-17	-2.032E-32	6.202E+02	-2.893E+02	-2.027E+02	1.305E-16	-3.540E-17	0.000E+00	6.633E+02	-3.324E+02	-2.097E-01
20	3	3	2.464E-16	-1.890E-17	-3.249E-32	5.089E+02	-4.000E+02	-2.173E+02	2.464E-16	-1.890E-17	0.000E+00	5.582E+02	-4.493E+02	-2.230E-01
20	3	4	1.305E-16	-3.540E-17	-2.032E-32	5.186E+02	-3.970E+02	-2.243E+02	1.305E-16	-3.540E-17	0.000E+00	5.706E+02	-4.490E+02	-2.277E-01
20	3	5	-1.305E-16	3.540E-17	2.032E-32	6.199E+02	-2.922E+02	-1.939E+02	3.540E-17	-1.305E-16	1.571E+00	6.595E+02	-3.317E+02	-2.010E-01
20	3	6	-2.464E-16	1.890E-17	3.249E-32	6.296E+02	-2.892E+02	-2.009E+02	1.890E-17	2.464E-16	1.571E+00	6.716E+02	-3.312E+02	-2.061E-01
20	3	7	-1.305E-16	3.540E-17	2.032E-32	5.183E+02	-3.999E+02	-2.155E+02	3.540E-17	-1.305E-16	1.571E+00	5.664E+02	-4.480E+02	-2.194E-01
20	3	8	-2.464E-16	1.890E-17	3.249E-32	5.280E+02	-3.969E+02	-2.224E+02	1.890E-17	2.464E-16	1.571E+00	5.788E+02	-4.476E+02	-2.241E-01
20	3	9	2.464E-16	-1.890E-17	-3.249E-32	8.039E+02	-2.341E+02	-3.322E+02	2.464E-16	-1.890E-17	0.000E+00	9.011E+02	-3.313E+02	-2.847E-01
20	3	10	1.305E-16	-3.540E-17	-2.032E-32	8.136E+02	-2.311E+02	-3.391E+02	1.305E-16	-3.540E-17	0.000E+00	9.140E+02	-3.315E+02	-2.879E-01
20	3	11	2.464E-16	-1.890E-17	-3.249E-32	7.023E+02	-3.418E+02	-3.538E+02	2.464E-16	-1.890E-17	0.000E+00	8.108E+02	-4.504E+02	-2.978E-01
20	3	12	1.305E-16	-3.540E-17	-2.032E-32	7.120E+02	-3.388E+02	-3.607E+02	1.305E-16	-3.540E-17	0.000E+00	8.239E+02	-4.507E+02	-3.008E-01
20	3	13	-1.305E-16	3.540E-17	2.032E-32	8.133E+02	-2.340E+02	-3.304E+02	3.540E-17	-1.305E-16	1.571E+00	9.088E+02	-3.295E+02	-2.814E-01
20	3	14	-2.464E-16	1.890E-17	3.249E-32	8.230E+02	-2.310E+02	-3.373E+02	1.890E-17	2.464E-16	1.571E+00	9.217E+02	-3.297E+02	-2.847E-01
20	3	15	-1.305E-16	3.540E-17	2.032E-32	7.117E+02	-3.417E+02	-3.520E+02	3.540E-17	-1.305E-16	1.571E+00	8.185E+02	-4.485E+02	-2.945E-01
20	3	16	-2.464E-16	1.890E-17	3.249E-32	7.214E+02	-3.387E+02	-3.589E+02	1.890E-17	2.464E-16	1.571E+00	8.315E+02	-4.488E+02	-2.976E-01

20	4	1	-4.695E-17	3.120E-16	-2.198E-32	1.279E+03	-8.525E+02	4.070E+00	3.120E-16	-4.695E-17	1.571E+00	1.279E+03	-8.525E+02	1.910E-03
20	4	2	-6.194E-17	1.842E-16	-1.507E-32	1.291E+03	-8.451E+02	-5.728E+00	1.842E-16	-6.194E-17	1.571E+00	1.291E+03	-8.452E+02	-2.682E-03
20	4	3	-4.695E-17	3.120E-16	-2.198E-32	1.169E+03	-1.346E+03	-1.532E+01	3.120E-16	-4.695E-17	1.571E+00	1.169E+03	-1.346E+03	-6.090E-03
20	4	4	-6.194E-17	1.842E-16	-1.507E-32	1.181E+03	-1.339E+03	-2.511E+01	1.842E-16	-6.194E-17	1.571E+00	1.181E+03	-1.339E+03	-9.966E-03
20	4	5	6.194E-17	-1.842E-16	1.507E-32	1.292E+03	-8.373E+02	5.213E+00	6.194E-17	-1.842E-16	0.000E+00	1.292E+03	-8.373E+02	2.448E-03
20	4	6	4.695E-17	-3.120E-16	2.198E-32	1.304E+03	-8.299E+02	-4.585E+00	4.695E-17	-3.120E-16	0.000E+00	1.304E+03	-8.299E+02	-2.148E-03
20	4	7	6.194E-17	-1.842E-16	1.507E-32	1.182E+03	-1.331E+03	-1.417E+01	6.194E-17	-1.842E-16	0.000E+00	1.182E+03	-1.331E+03	-5.639E-03
20	4	8	4.695E-17	-3.120E-16	2.198E-32	1.195E+03	-1.324E+03	-2.397E+01	4.695E-17	-3.120E-16	0.000E+00	1.195E+03	-1.324E+03	-9.518E-03
20	4	9	-4.695E-17	3.120E-16	-2.198E-32	1.526E+03	-6.898E+02	-1.873E+02	3.120E-16	-4.695E-17	1.571E+00	1.526E+03	-7.055E+02	-8.373E-02
20	4	10	-6.194E-17	1.842E-16	-1.507E-32	1.539E+03	-6.824E+02	-1.971E+02	1.842E-16	-6.194E-17	1.571E+00	1.539E+03	-6.998E+02	-8.783E-02
20	4	11	-4.695E-17	3.120E-16	-2.198E-32	1.416E+03	-1.183E+03	-2.067E+02	3.120E-16	-4.695E-17	1.571E+00	1.433E+03	-1.200E+03	-7.884E-02
20	4	12	-6.194E-17	1.842E-16	-1.507E-32	1.429E+03	-1.176E+03	-2.165E+02	1.842E-16	-6.194E-17	1.571E+00	1.447E+03	-1.194E+03	-8.236E-02
20	4	13	6.194E-17	-1.842E-16	1.507E-32	1.540E+03	-6.746E+02	-1.862E+02	6.194E-17	-1.842E-16	0.000E+00	1.555E+03	-6.901E+02	-8.329E-02
20	4	14	4.695E-17	-3.120E-16	2.198E-32	1.552E+03	-6.672E+02	-1.960E+02	4.695E-17	-3.120E-16	0.000E+00	1.569E+03	-6.843E+02	-8.739E-02
20	4	15	6.194E-17	-1.842E-16	1.507E-32	1.430E+03	-1.168E+03	-2.055E+02	6.194E-17	-1.842E-16	0.000E+00	1.446E+03	-1.184E+03	-7.846E-02
20	4	16	4.695E-17	-3.120E-16	2.198E-32	1.442E+03	-1.161E+03	-2.153E+02	4.695E-17	-3.120E-16	0.000E+00	1.460E+03	-1.178E+03	-8.198E-02
21	1	1	1.045E-13	6.965E-13	2.675E-15	5.212E+02	1.171E+02	-4.732E+02	6.965E-13	1.045E-13	1.571E+00	8.338E+02	-1.954E+02	-5.836E-01
21	1	2	1.089E-13	7.262E-13	5.469E-15	4.934E+02	7.896E+01	-5.457E+02	7.263E-13	1.089E-13	1.571E+00	8.698E+02	-2.975E+02	-6.039E-01
21	1	3	-1.723E-13	-1.149E-12	-1.741E-13	6.376E+02	-6.090E+01	1.143E+03	-1.422E-13	-1.179E-12	0.000E+00	1.484E+03	-9.069E+02	6.371E-01
21	1	4	-1.679E-13	-1.119E-12	-1.713E-13	6.098E+02	-9.909E+01	1.071E+03	-1.379E-13	-1.149E-12	0.000E+00	1.383E+03	-8.725E+02	6.256E-01
21	1	5	1.147E-13	7.650E-13	3.209E-14	3.493E+02	1.987E+01	-5.915E+02	7.666E-13	1.132E-13	1.571E+00	7.986E+02	-4.294E+02	-6.496E-01
21	1	6	1.192E-13	7.947E-13	3.488E-14	3.215E+02	-1.831E+01	-6.639E+02	7.965E-13	1.174E-13	1.571E+00	8.369E+02	-5.337E+02	-6.601E-01
21	1	7	-1.621E-13	-1.080E-12	-1.447E-13	4.657E+02	-1.582E+02	1.025E+03	-1.398E-13	-1.103E-12	0.000E+00	1.225E+03	-9.175E+02	6.377E-01
21	1	8	-1.576E-13	-1.051E-12	-1.419E-13	4.379E+02	-1.964E+02	9.524E+02	-1.356E-13	-1.073E-12	0.000E+00	1.125E+03	-8.831E+02	6.247E-01
21	1	9	2.060E-13	1.373E-12	1.753E-13	-5.858E+02	-7.833E+02	-1.995E+03	1.399E-12	1.802E-13	1.571E+00	1.313E+03	-2.682E+03	-7.607E-01
21	1	10	2.104E-13	1.403E-12	1.781E-13	-6.137E+02	-8.215E+02	-2.068E+03	1.429E-12	1.844E-13	1.571E+00	1.353E+03	-2.788E+03	-7.603E-01
21	1	11	-7.084E-14	-4.723E-13	-1.444E-15	-4.695E+02	-9.614E+02	-3.788E+02	-7.083E-14	-4.723E-13	0.000E+00	-2.638E+02	-1.167E+03	-4.974E-01
21	1	12	-6.638E-14	-4.426E-13	1.349E-15	-4.973E+02	-9.996E+02	-4.512E+02	-6.637E-14	-4.426E-13	0.000E+00	-2.321E+02	-1.265E+03	-5.314E-01
21	1	13	2.162E-13	1.441E-12	2.048E-13	-7.577E+02	-8.806E+02	-2.113E+03	1.475E-12	1.829E-13	1.571E+00	1.295E+03	-2.933E+03	-7.709E-01
21	1	14	2.207E-13	1.471E-12	2.076E-13	-7.856E+02	-9.188E+02	-2.186E+03	1.505E-12	1.871E-13	1.571E+00	1.335E+03	-3.039E+03	-7.702E-01
21	1	15	-6.058E-14	-4.038E-13	2.797E-14	-6.414E+02	-1.059E+03	-4.970E+02	-5.831E-14	-4.061E-13	0.000E+00	-3.110E+02	-1.389E+03	-5.867E-01
21	1	16	-5.612E-14	-3.741E-13	3.076E-14	-6.692E+02	-1.097E+03	-5.694E+02	-5.317E-14	-3.770E-13	0.000E+00	-2.748E+02	-1.491E+03	-6.058E-01
21	2	1	-6.152E-13	2.237E-12	1.718E-28	4.567E+03	-1.294E+03	1.213E+03	2.237E-12	-6.152E-13	1.571E+00	4.809E+03	-1.535E+03	1.963E-01
21	2	2	-5.558E-13	2.244E-12	1.687E-28	4.521E+03	-1.329E+03	1.164E+03	2.244E-12	-5.558E-13	1.571E+00	4.744E+03	-1.552E+03	1.894E-01
21	2	3	-1.080E-12	-1.450E-12	-2.546E-29	6.960E+03	4.484E+02	3.293E+02	-1.080E-12	-1.450E-12	0.000E+00	6.976E+03	4.318E+02	5.040E-02
21	2	4	-1.020E-12	-1.443E-12	-2.864E-29	6.914E+03	4.132E+02	2.800E+02	-1.020E-12	-1.443E-12	0.000E+00	6.926E+03	4.011E+02	4.296E-02
21	2	5	-4.678E-13	2.242E-12	1.631E-28	4.285E+03	-1.309E+03	1.129E+03	2.242E-12	-4.678E-13	1.571E+00	4.504E+03	-1.528E+03	1.918E-01
21	2	6	-4.084E-13	2.250E-12	1.600E-28	4.239E+03	-1.344E+03	1.080E+03	2.250E-12	-4.084E-13	1.571E+00	4.440E+03	-1.546E+03	1.845E-01
21	2	7	-9.324E-13	-1.445E-12	-3.416E-29	6.677E+03	4.330E+02	2.449E+02	-9.324E-13	-1.445E-12	0.000E+00	6.687E+03	4.234E+02	3.914E-02
21	2	8	-8.730E-13	-1.437E-12	-3.734E-29	6.631E+03	3.978E+02	1.956E+02	-8.730E-13	-1.437E-12	0.000E+00	6.637E+03	3.917E+02	3.133E-02
21	2	9	9.545E-13	2.081E-12	7.177E-29	2.744E+03	-1.982E+03	1.690E+02	2.081E-12	9.545E-13	1.571E+00	2.750E+03	-1.988E+03	3.571E-02
21	2	10	1.014E-12	2.089E-12	6.859E-29	2.697E+03	-2.017E+03	1.197E+02	2.089E-12	1.014E-12	1.571E+00	2.700E+03	-2.020E+03	2.537E-02
21	2	11	4.899E-13	-1.606E-12	-1.255E-28	5.136E+03	-2.396E+02	-7.149E+02	4.899E-13	-1.606E-12	0.000E+00	5.229E+03	-3.330E+02	-1.300E-01

21	2	12	5.493E-13	-1.598E-12	-1.287E-28	5.090E+03	-2.748E+02	-7.643E+02	5.493E-13	-1.598E-12	0.000E+00	5.197E+03	-3.815E+02	-1.388E-01
21	2	13	1.102E-12	2.086E-12	6.307E-29	2.461E+03	-1.997E+03	8.463E+01	2.086E-12	1.102E-12	1.571E+00	2.462E+03	-1.998E+03	1.898E-02
21	2	14	1.161E-12	2.094E-12	5.989E-29	2.415E+03	-2.032E+03	3.530E+01	2.094E-12	1.161E-12	1.571E+00	2.415E+03	-2.032E+03	7.937E-03
21	2	15	6.373E-13	-1.600E-12	-1.342E-28	4.853E+03	-2.549E+02	-7.994E+02	6.373E-13	-1.600E-12	0.000E+00	4.975E+03	-3.771E+02	-1.517E-01
21	2	16	6.967E-13	-1.593E-12	-1.374E-28	4.807E+03	-2.901E+02	-8.487E+02	6.967E-13	-1.593E-12	0.000E+00	4.945E+03	-4.277E+02	-1.607E-01
21	3	1	1.116E-12	-2.951E-13	-1.681E-28	5.259E+02	3.899E+02	8.696E+02	1.116E-12	-2.951E-13	0.000E+00	1.330E+03	-4.144E+02	7.464E-01
21	3	2	1.120E-12	-2.652E-13	-1.650E-28	5.071E+02	3.736E+02	7.874E+02	1.120E-12	-2.652E-13	0.000E+00	1.231E+03	-3.499E+02	7.431E-01
21	3	3	-7.387E-13	-5.596E-13	2.660E-29	6.702E+02	4.524E+02	3.778E+03	-5.596E-13	-7.387E-13	1.571E+00	4.341E+03	-3.218E+03	7.710E-01
21	3	4	-7.345E-13	-5.297E-13	2.974E-29	6.513E+02	4.362E+02	3.696E+03	-5.297E-13	-7.345E-13	1.571E+00	4.241E+03	-3.154E+03	7.708E-01
21	3	5	1.129E-12	-2.195E-13	-1.605E-28	3.713E+02	3.281E+02	7.183E+02	1.129E-12	-2.195E-13	0.000E+00	1.068E+03	-3.689E+02	7.704E-01
21	3	6	1.133E-12	-1.896E-13	-1.573E-28	3.524E+02	3.119E+02	6.361E+02	1.133E-12	-1.896E-13	0.000E+00	9.686E+02	-3.043E+02	7.695E-01
21	3	7	-7.258E-13	-4.840E-13	3.427E-29	5.155E+02	3.907E+02	3.627E+03	-4.840E-13	-7.258E-13	1.571E+00	4.080E+03	-3.174E+03	7.768E-01
21	3	8	-7.216E-13	-4.541E-13	3.741E-29	4.967E+02	3.744E+02	3.544E+03	-4.541E-13	-7.216E-13	1.571E+00	3.981E+03	-3.109E+03	7.768E-01
21	3	9	1.045E-12	5.019E-13	-7.119E-29	-4.266E+02	-7.169E+01	-8.984E+02	1.045E-12	5.019E-13	0.000E+00	6.666E+02	-1.165E+03	2.259E+00
21	3	10	1.049E-12	5.318E-13	-6.804E-29	-4.454E+02	-8.796E+01	-9.806E+02	1.049E-12	5.318E-13	0.000E+00	7.301E+02	-1.263E+03	2.266E+00
21	3	11	-8.094E-13	2.375E-13	1.235E-28	-2.823E+02	-9.123E+00	2.010E+03	2.375E-13	-8.094E-13	1.571E+00	1.869E+03	-2.160E+03	8.193E-01
21	3	12	-8.052E-13	2.673E-13	1.267E-28	-3.012E+02	-2.539E+01	1.928E+03	2.673E-13	-8.052E-13	1.571E+00	1.769E+03	-2.096E+03	8.211E-01
21	3	13	1.058E-12	5.775E-13	-6.351E-29	-5.812E+02	-1.334E+02	-1.050E+03	1.058E-12	5.775E-13	0.000E+00	7.160E+02	-1.431E+03	2.251E+00
21	3	14	1.062E-12	6.074E-13	-6.037E-29	-6.001E+02	-1.497E+02	-1.132E+03	1.062E-12	6.074E-13	0.000E+00	7.792E+02	-1.529E+03	2.258E+00
21	3	15	-7.965E-13	3.130E-13	1.312E-28	-4.370E+02	-7.085E+01	1.859E+03	3.130E-13	-7.965E-13	1.571E+00	1.614E+03	-2.122E+03	8.345E-01
21	3	16	-7.923E-13	3.429E-13	1.344E-28	-4.558E+02	-8.712E+01	1.776E+03	3.429E-13	-7.923E-13	1.571E+00	1.515E+03	-2.057E+03	8.371E-01
21	4	1	-1.306E-13	1.407E-13	-1.636E-29	-3.518E+03	1.865E+03	1.185E+03	1.407E-13	-1.306E-13	1.571E+00	2.115E+03	-3.767E+03	1.363E+00
21	4	2	-1.274E-13	1.390E-13	-1.606E-29	-3.519E+03	1.836E+03	1.114E+03	1.390E-13	-1.274E-13	1.571E+00	2.059E+03	-3.742E+03	1.374E+00
21	4	3	-2.483E-14	-5.461E-14	2.077E-30	-5.656E+03	-4.590E+01	2.685E+02	-2.483E-14	-5.461E-14	0.000E+00	-3.307E+01	-5.669E+03	1.523E+00
21	4	4	-2.169E-14	-5.634E-14	2.375E-30	-5.657E+03	-7.487E+01	1.975E+02	-2.169E-14	-5.634E-14	0.000E+00	-6.790E+01	-5.664E+03	1.535E+00
21	4	5	-1.151E-13	1.397E-13	-1.534E-29	-3.565E+03	1.692E+03	1.055E+03	1.397E-13	-1.151E-13	1.571E+00	1.896E+03	-3.769E+03	1.380E+00
21	4	6	-1.119E-13	1.379E-13	-1.505E-29	-3.567E+03	1.663E+03	9.840E+02	1.379E-13	-1.119E-13	1.571E+00	1.842E+03	-3.746E+03	1.391E+00
21	4	7	-9.325E-15	-5.567E-14	3.091E-30	-5.703E+03	-2.193E+02	1.388E+02	-9.325E-15	-5.567E-14	0.000E+00	-2.158E+02	-5.707E+03	1.546E+00
21	4	8	-6.188E-15	-5.740E-14	3.389E-30	-5.705E+03	-2.483E+02	6.772E+01	-6.188E-15	-5.740E-14	0.000E+00	-2.475E+02	-5.705E+03	1.558E+00
21	4	9	-1.177E-14	9.230E-14	-6.626E-30	-3.796E+03	7.412E+02	-3.401E+02	9.230E-14	-1.177E-14	1.571E+00	7.666E+02	-3.821E+03	1.645E+00
21	4	10	-8.634E-15	9.057E-14	-6.328E-30	-3.797E+03	7.123E+02	-4.111E+02	9.057E-14	-8.634E-15	1.571E+00	7.494E+02	-3.834E+03	1.661E+00
21	4	11	9.398E-14	-1.030E-13	1.181E-29	-5.934E+03	-1.170E+03	-1.256E+03	9.398E-14	-1.030E-13	0.000E+00	-8.589E+02	-6.245E+03	1.813E+00
21	4	12	9.712E-14	-1.048E-13	1.211E-29	-5.935E+03	-1.199E+03	-1.327E+03	9.712E-14	-1.048E-13	0.000E+00	-8.523E+02	-6.282E+03	1.826E+00
21	4	13	3.731E-15	9.124E-14	-5.611E-30	-3.843E+03	5.678E+02	-4.698E+02	9.124E-14	3.731E-15	1.571E+00	6.173E+02	-3.892E+03	1.676E+00
21	4	14	6.868E-15	8.951E-14	-5.314E-30	-3.844E+03	5.388E+02	-5.409E+02	8.951E-14	6.868E-15	1.571E+00	6.046E+02	-3.910E+03	1.692E+00
21	4	15	1.095E-13	-1.041E-13	1.282E-29	-5.981E+03	-1.343E+03	-1.386E+03	1.095E-13	-1.041E-13	0.000E+00	-9.607E+02	-6.364E+03	1.840E+00
21	4	16	1.126E-13	-1.058E-13	1.312E-29	-5.982E+03	-1.372E+03	-1.457E+03	1.126E-13	-1.058E-13	0.000E+00	-9.504E+02	-6.404E+03	1.853E+00
22	1	1	-1.165E-13	-2.433E-13	7.416E-14	7.769E+02	2.026E+03	1.282E+03	-8.235E-14	-2.775E-13	0.000E+00	2.827E+03	-2.442E+01	1.012E+00
22	1	2	-1.182E-13	-2.536E-13	7.707E-14	7.695E+02	2.081E+03	1.215E+03	-8.333E-14	-2.885E-13	0.000E+00	2.806E+03	4.496E+01	1.033E+00
22	1	3	-1.377E-14	4.019E-13	-1.035E-13	1.280E+02	-2.954E+03	3.334E+03	4.263E-13	-3.811E-14	1.571E+00	2.260E+03	-5.086E+03	5.689E-01
22	1	4	-1.546E-14	3.916E-13	-1.006E-13	1.206E+02	-2.899E+03	3.267E+03	4.151E-13	-3.896E-14	1.571E+00	2.210E+03	-4.988E+03	5.689E-01
22	1	5	-1.010E-13	-2.674E-13	7.249E-14	6.410E+02	2.069E+03	1.155E+03	-7.382E-14	-2.946E-13	0.000E+00	2.713E+03	-2.507E+00	1.062E+00
22	1	6	-1.027E-13	-2.777E-13	7.541E-14	6.337E+02	2.124E+03	1.087E+03	-7.465E-14	-3.057E-13	0.000E+00	2.697E+03	6.062E+01	1.086E+00

22	1	7	1.786E-15	3.778E-13	-1.052E-13	-7.823E+00	-2.911E+03	3.207E+03	4.052E-13	-2.562E-14	1.571E+00	2.061E+03	-4.980E+03	5.729E-01
22	1	8	8.964E-17	3.675E-13	-1.022E-13	-1.522E+01	-2.856E+03	3.140E+03	3.941E-13	-2.644E-14	1.571E+00	2.011E+03	-4.882E+03	5.730E-01
22	1	9	-1.580E-14	-4.803E-13	1.323E-13	-2.427E+01	3.117E+03	-1.712E+02	1.925E-14	-5.153E-13	0.000E+00	3.126E+03	-3.358E+01	1.625E+00
22	1	10	-1.749E-14	-4.906E-13	1.352E-13	-3.167E+01	3.172E+03	-2.384E+02	1.843E-14	-5.265E-13	0.000E+00	3.190E+03	-4.932E+01	1.645E+00
22	1	11	8.695E-14	1.649E-13	-4.534E-14	-6.731E+02	-1.863E+03	1.881E+03	1.858E-13	6.614E-14	1.571E+00	7.048E+02	-3.241E+03	6.322E-01
22	1	12	8.526E-14	1.547E-13	-4.243E-14	-6.805E+02	-1.808E+03	1.814E+03	1.748E-13	6.514E-14	1.571E+00	6.552E+02	-3.144E+03	6.347E-01
22	1	13	-2.455E-16	-5.044E-13	1.306E-13	-1.601E+02	3.160E+03	-2.984E+02	3.160E-14	-5.362E-13	0.000E+00	3.186E+03	-1.867E+02	1.660E+00
22	1	14	-1.942E-15	-5.147E-13	1.336E-13	-1.675E+02	3.215E+03	-3.656E+02	3.076E-14	-5.474E-13	0.000E+00	3.254E+03	-2.066E+02	1.677E+00
22	1	15	1.025E-13	1.408E-13	-4.700E-14	-8.090E+02	-1.820E+03	1.754E+03	1.724E-13	7.091E-14	1.571E+00	5.108E+02	-3.140E+03	6.450E-01
22	1	16	1.008E-13	1.305E-13	-4.409E-14	-8.164E+02	-1.765E+03	1.687E+03	1.622E-13	6.915E-14	1.571E+00	4.614E+02	-3.043E+03	6.483E-01
22	2	1	-8.214E-13	2.808E-13	6.681E-29	4.367E+03	9.345E+02	1.506E+03	2.808E-13	-8.214E-13	1.571E+00	4.935E+03	3.672E+02	3.602E-01
22	2	2	-8.219E-13	2.602E-13	6.558E-29	4.380E+03	1.041E+03	1.477E+03	2.602E-13	-8.219E-13	1.571E+00	4.939E+03	4.810E+02	3.621E-01
22	2	3	4.669E-13	3.095E-13	-1.032E-29	3.396E+03	-6.592E+03	1.283E+03	4.669E-13	3.095E-13	0.000E+00	3.558E+03	-6.755E+03	1.258E-01
22	2	4	4.664E-13	2.889E-13	-1.155E-29	3.408E+03	-6.486E+03	1.254E+03	4.664E-13	2.889E-13	0.000E+00	3.565E+03	-6.643E+03	1.241E-01
22	2	5	-8.115E-13	2.373E-13	6.354E-29	4.256E+03	1.142E+03	1.511E+03	2.373E-13	-8.115E-13	1.571E+00	4.869E+03	5.294E+02	3.853E-01
22	2	6	-8.120E-13	2.167E-13	6.231E-29	4.268E+03	1.248E+03	1.482E+03	2.167E-13	-8.120E-13	1.571E+00	4.874E+03	6.426E+02	3.881E-01
22	2	7	4.768E-13	2.660E-13	-1.358E-29	3.284E+03	-6.384E+03	1.288E+03	4.768E-13	2.660E-13	0.000E+00	3.453E+03	-6.553E+03	1.302E-01
22	2	8	4.763E-13	2.454E-13	-1.482E-29	3.297E+03	-6.278E+03	1.259E+03	4.763E-13	2.454E-13	0.000E+00	3.460E+03	-6.441E+03	1.286E-01
22	2	9	-7.005E-13	-2.496E-13	2.828E-29	3.645E+03	3.255E+03	9.373E+02	-2.496E-13	-7.005E-13	1.571E+00	4.407E+03	2.492E+03	6.827E-01
22	2	10	-7.009E-13	-2.702E-13	2.705E-29	3.658E+03	3.361E+03	9.079E+02	-2.702E-13	-7.009E-13	1.571E+00	4.429E+03	2.589E+03	7.044E-01
22	2	11	5.878E-13	-2.209E-13	-4.884E-29	2.674E+03	-4.272E+03	7.143E+02	5.878E-13	-2.209E-13	0.000E+00	2.746E+03	-4.345E+03	1.014E-01
22	2	12	5.874E-13	-2.415E-13	-5.007E-29	2.686E+03	-4.166E+03	6.849E+02	5.874E-13	-2.415E-13	0.000E+00	2.754E+03	-4.234E+03	9.865E-02
22	2	13	-6.905E-13	-2.931E-13	2.501E-29	3.534E+03	3.463E+03	9.424E+02	-2.931E-13	-6.905E-13	1.571E+00	4.441E+03	2.555E+03	7.665E-01
22	2	14	-6.910E-13	-3.137E-13	2.378E-29	3.546E+03	3.569E+03	9.130E+02	-3.137E-13	-6.910E-13	1.571E+00	4.470E+03	2.644E+03	7.916E-01
22	2	15	5.978E-13	-2.644E-13	-5.211E-29	2.562E+03	-4.064E+03	7.193E+02	5.978E-13	-2.644E-13	0.000E+00	2.639E+03	-4.142E+03	1.069E-01
22	2	16	5.973E-13	-2.850E-13	-5.334E-29	2.575E+03	-3.958E+03	6.899E+02	5.973E-13	-2.850E-13	0.000E+00	2.647E+03	-4.030E+03	1.041E-01
22	3	1	1.040E-13	-4.122E-13	-6.191E-29	3.142E+02	-1.013E+03	1.853E+03	1.040E-13	-4.122E-13	0.000E+00	1.619E+03	-2.317E+03	6.135E-01
22	3	2	9.317E-14	-4.133E-13	-6.072E-29	3.219E+02	-9.733E+02	1.819E+03	9.317E-14	-4.133E-13	0.000E+00	1.605E+03	-2.256E+03	6.144E-01
22	3	3	1.756E-13	2.607E-13	1.173E-29	-1.316E+02	-4.386E+03	2.199E+03	2.607E-13	1.756E-13	1.571E+00	8.010E+02	-5.319E+03	4.010E-01
22	3	4	1.648E-13	2.596E-13	1.291E-29	-1.239E+02	-4.347E+03	2.166E+03	2.596E-13	1.648E-13	1.571E+00	7.892E+02	-5.260E+03	3.990E-01
22	3	5	8.614E-14	-4.140E-13	-5.994E-29	2.786E+02	-8.755E+02	1.793E+03	8.614E-14	-4.140E-13	0.000E+00	1.585E+03	-2.182E+03	6.297E-01
22	3	6	7.535E-14	-4.151E-13	-5.876E-29	2.862E+02	-8.361E+02	1.759E+03	7.535E-14	-4.151E-13	0.000E+00	1.572E+03	-2.121E+03	6.310E-01
22	3	7	1.578E-13	2.590E-13	1.369E-29	-1.672E+02	-4.249E+03	2.140E+03	2.590E-13	1.578E-13	1.571E+00	7.489E+02	-5.165E+03	4.045E-01
22	3	8	1.470E-13	2.579E-13	1.488E-29	-1.595E+02	-4.210E+03	2.106E+03	2.579E-13	1.470E-13	1.571E+00	7.370E+02	-5.106E+03	4.025E-01
22	3	9	-1.597E-13	-3.743E-13	-2.758E-29	4.473E+01	5.505E+01	1.141E+03	-1.597E-13	-3.743E-13	0.000E+00	1.191E+03	-1.091E+03	7.877E-01
22	3	10	-1.705E-13	-3.754E-13	-2.640E-29	5.239E+01	9.442E+01	1.107E+03	-1.705E-13	-3.754E-13	0.000E+00	1.181E+03	-1.034E+03	7.949E-01
22	3	11	-8.807E-14	2.987E-13	4.606E-29	-4.011E+02	-3.318E+03	1.487E+03	2.987E-13	-8.807E-14	1.571E+00	2.236E+02	-3.943E+03	3.976E-01
22	3	12	-9.886E-14	2.975E-13	4.724E-29	-3.934E+02	-3.279E+03	1.454E+03	2.975E-13	-9.886E-14	1.571E+00	2.119E+02	-3.884E+03	3.946E-01
22	3	13	-1.775E-13	-3.761E-13	-2.562E-29	9.110E+00	1.922E+02	1.081E+03	-1.775E-13	-3.761E-13	0.000E+00	1.186E+03	-9.843E+02	8.276E-01
22	3	14	-1.883E-13	-3.772E-13	-2.443E-29	1.677E+01	2.316E+02	1.047E+03	-1.883E-13	-3.772E-13	0.000E+00	1.177E+03	-9.286E+02	8.365E-01
22	3	15	-1.059E-13	2.969E-13	4.802E-29	-4.367E+02	-3.181E+03	1.428E+03	2.969E-13	-1.059E-13	1.571E+00	1.714E+02	-3.789E+03	4.026E-01
22	3	16	-1.167E-13	2.958E-13	4.921E-29	-4.290E+02	-3.142E+03	1.394E+03	2.958E-13	-1.167E-13	1.571E+00	1.596E+02	-3.731E+03	3.995E-01
22	4	1	-1.844E-13	9.272E-14	-1.659E-29	-3.182E+03	-2.922E+02	3.104E+01	9.272E-14	-1.844E-13	1.571E+00	-2.919E+02	-3.182E+03	1.560E+00

22	4	2	-1.832E-13	8.867E-14	-1.627E-29	-3.196E+03	-2.892E+02	-1.954E+01	8.867E-14	-1.832E-13	1.571E+00	-2.891E+02	-3.196E+03	1.578E+00
22	4	3	6.434E-14	1.950E-14	3.126E-30	-3.103E+03	-2.528E+03	-2.455E+02	6.434E-14	1.950E-14	0.000E+00	-2.438E+03	-3.194E+03	1.924E+00
22	4	4	6.555E-14	1.546E-14	3.448E-30	-3.118E+03	-2.525E+03	-2.961E+02	6.555E-14	1.546E-14	0.000E+00	-2.403E+03	-3.240E+03	1.963E+00
22	4	5	-1.773E-13	9.090E-14	-1.604E-29	-3.244E+03	-3.002E+02	-6.783E+01	9.090E-14	-1.773E-13	1.571E+00	-2.987E+02	-3.246E+03	1.594E+00
22	4	6	-1.760E-13	8.686E-14	-1.572E-29	-3.259E+03	-2.973E+02	-1.184E+02	8.686E-14	-1.760E-13	1.571E+00	-2.925E+02	-3.263E+03	1.611E+00
22	4	7	7.153E-14	1.769E-14	3.677E-30	-3.166E+03	-2.536E+03	-3.444E+02	7.153E-14	1.769E-14	0.000E+00	-2.384E+03	-3.318E+03	1.986E+00
22	4	8	7.274E-14	1.364E-14	3.999E-30	-3.180E+03	-2.533E+03	-3.950E+02	7.274E-14	1.364E-14	0.000E+00	-2.346E+03	-3.367E+03	2.013E+00
22	4	9	-1.152E-13	-5.187E-16	-7.399E-30	-3.625E+03	-3.708E+02	-1.069E+03	-5.187E-16	-1.152E-13	1.571E+00	-5.097E+01	-3.945E+03	1.861E+00
22	4	10	-1.139E-13	-4.565E-15	-7.077E-30	-3.639E+03	-3.679E+02	-1.120E+03	-4.565E-15	-1.139E-13	1.571E+00	-2.128E+01	-3.986E+03	1.871E+00
22	4	11	1.336E-13	-7.373E-14	1.232E-29	-3.547E+03	-2.607E+03	-1.346E+03	1.336E-13	-7.373E-14	0.000E+00	-1.651E+03	-4.502E+03	2.188E+00
22	4	12	1.348E-13	-7.778E-14	1.264E-29	-3.561E+03	-2.604E+03	-1.396E+03	1.348E-13	-7.778E-14	0.000E+00	-1.606E+03	-4.559E+03	2.191E+00
22	4	13	-1.080E-13	-2.333E-15	-6.848E-30	-3.688E+03	-3.789E+02	-1.168E+03	-2.333E-15	-1.080E-13	1.571E+00	-8.080E+00	-4.059E+03	1.878E+00
22	4	14	-1.068E-13	-6.379E-15	-6.526E-30	-3.702E+03	-3.759E+02	-1.219E+03	-6.379E-15	-1.068E-13	1.571E+00	2.281E+01	-4.101E+03	1.887E+00
22	4	15	1.408E-13	-7.555E-14	1.287E-29	-3.610E+03	-2.615E+03	-1.445E+03	1.408E-13	-7.555E-14	0.000E+00	-1.584E+03	-4.640E+03	2.190E+00
22	4	16	1.420E-13	-7.959E-14	1.319E-29	-3.624E+03	-2.612E+03	-1.495E+03	1.420E-13	-7.959E-14	0.000E+00	-1.539E+03	-4.696E+03	2.193E+00
23	1	1	3.670E-17	7.852E-18	-1.561E-17	2.208E+02	-1.295E+03	1.394E+03	4.353E-17	1.021E-18	0.000E+00	1.050E+03	-2.124E+03	5.364E-01
23	1	2	3.587E-17	2.329E-18	3.908E-17	2.252E+02	-1.276E+03	1.368E+03	6.163E-17	-2.343E-17	0.000E+00	1.035E+03	-2.086E+03	5.345E-01
23	1	3	3.670E-17	7.852E-18	-1.561E-17	-9.210E+01	-4.177E+03	1.466E+03	4.353E-17	1.021E-18	0.000E+00	3.797E+02	-4.648E+03	3.113E-01
23	1	4	3.587E-17	2.329E-18	3.908E-17	-8.774E+01	-4.157E+03	1.440E+03	6.163E-17	-2.343E-17	0.000E+00	3.702E+02	-4.615E+03	3.079E-01
23	1	5	-3.587E-17	-2.329E-18	-3.908E-17	1.681E+02	-1.287E+03	1.360E+03	2.343E-17	-6.163E-17	1.571E+00	9.833E+02	-2.102E+03	5.399E-01
23	1	6	-3.670E-17	-7.852E-18	1.561E-17	1.725E+02	-1.268E+03	1.334E+03	-1.021E-18	-4.353E-17	1.571E+00	9.684E+02	-2.064E+03	5.379E-01
23	1	7	-3.587E-17	-2.329E-18	-3.908E-17	-1.448E+02	-4.168E+03	1.432E+03	2.343E-17	-6.163E-17	1.571E+00	3.131E+02	-4.626E+03	3.094E-01
23	1	8	-3.670E-17	-7.852E-18	1.561E-17	-1.404E+02	-4.149E+03	1.406E+03	-1.021E-18	-4.353E-17	1.571E+00	3.037E+02	-4.593E+03	3.059E-01
23	1	9	3.670E-17	7.852E-18	-1.561E-17	-1.091E+02	-9.204E+02	8.629E+02	4.353E-17	1.021E-18	0.000E+00	4.388E+02	-1.468E+03	5.657E-01
23	1	10	3.587E-17	2.329E-18	3.908E-17	-1.047E+02	-9.013E+02	8.366E+02	6.163E-17	-2.343E-17	0.000E+00	4.236E+02	-1.430E+03	5.632E-01
23	1	11	3.670E-17	7.852E-18	-1.561E-17	-4.219E+02	-3.802E+03	9.350E+02	4.353E-17	1.021E-18	0.000E+00	-1.805E+02	-4.043E+03	2.527E-01
23	1	12	3.587E-17	2.329E-18	3.908E-17	-4.176E+02	-3.783E+03	9.087E+02	6.163E-17	-2.343E-17	0.000E+00	-1.879E+02	-4.012E+03	2.476E-01
23	1	13	-3.587E-17	-2.329E-18	-3.908E-17	-1.618E+02	-9.120E+02	8.291E+02	2.343E-17	-6.163E-17	1.571E+00	3.732E+02	-1.447E+03	5.730E-01
23	1	14	-3.670E-17	-7.852E-18	1.561E-17	-1.574E+02	-8.928E+02	8.029E+02	-1.021E-18	-4.353E-17	1.571E+00	3.579E+02	-1.408E+03	5.706E-01
23	1	15	-3.587E-17	-2.329E-18	-3.908E-17	-4.746E+02	-3.793E+03	9.012E+02	2.343E-17	-6.163E-17	1.571E+00	-2.457E+02	-4.022E+03	2.488E-01
23	1	16	-3.670E-17	-7.852E-18	1.561E-17	-4.703E+02	-3.774E+03	8.749E+02	-1.021E-18	-4.353E-17	1.571E+00	-2.529E+02	-3.992E+03	2.435E-01
23	2	1	-2.290E-17	6.958E-17	5.662E-33	1.886E+03	-2.367E+03	6.181E+02	6.958E-17	-2.290E-17	1.571E+00	1.974E+03	-2.455E+03	1.414E-01
23	2	2	2.619E-17	9.112E-18	-1.046E-33	1.900E+03	-2.332E+03	6.019E+02	2.619E-17	9.112E-18	0.000E+00	1.984E+03	-2.416E+03	1.386E-01
23	2	3	-2.290E-17	6.958E-17	5.662E-33	1.314E+03	-5.011E+03	5.464E+02	6.958E-17	-2.290E-17	1.571E+00	1.361E+03	-5.058E+03	8.554E-02
23	2	4	2.619E-17	9.112E-18	-1.046E-33	1.327E+03	-4.977E+03	5.302E+02	2.619E-17	9.112E-18	0.000E+00	1.372E+03	-5.021E+03	8.332E-02
23	2	5	-2.619E-17	-9.112E-18	1.046E-33	1.853E+03	-2.304E+03	6.199E+02	-9.112E-18	-2.619E-17	1.571E+00	1.944E+03	-2.395E+03	1.449E-01
23	2	6	2.290E-17	-6.958E-17	-5.662E-33	1.867E+03	-2.270E+03	6.038E+02	2.290E-17	-6.958E-17	0.000E+00	1.953E+03	-2.356E+03	1.420E-01
23	2	7	-2.619E-17	-9.112E-18	1.046E-33	1.281E+03	-4.949E+03	5.483E+02	-9.112E-18	-2.619E-17	1.571E+00	1.329E+03	-4.997E+03	8.711E-02
23	2	8	2.290E-17	-6.958E-17	-5.662E-33	1.295E+03	-4.915E+03	5.321E+02	2.290E-17	-6.958E-17	0.000E+00	1.340E+03	-4.960E+03	8.487E-02
23	2	9	-2.290E-17	6.958E-17	5.662E-33	1.540E+03	-1.632E+03	3.024E+02	6.958E-17	-2.290E-17	1.571E+00	1.569E+03	-1.661E+03	9.420E-02
23	2	10	2.619E-17	9.112E-18	-1.046E-33	1.554E+03	-1.598E+03	2.862E+02	2.619E-17	9.112E-18	0.000E+00	1.580E+03	-1.624E+03	8.984E-02
23	2	11	-2.290E-17	6.958E-17	5.662E-33	9.675E+02	-4.277E+03	2.307E+02	6.958E-17	-2.290E-17	1.571E+00	9.777E+02	-4.287E+03	4.388E-02
23	2	12	2.619E-17	9.112E-18	-1.046E-33	9.812E+02	-4.243E+03	2.145E+02	2.619E-17	9.112E-18	0.000E+00	9.900E+02	-4.251E+03	4.098E-02

23	2	13	-2.619E-17	-9.112E-18	1.046E-33	1.507E+03	-1.570E+03	3.043E+02	-9.112E-18	-2.619E-17	1.571E+00	1.537E+03	-1.599E+03	9.763E-02
23	2	14	2.290E-17	-6.958E-17	-5.662E-33	1.521E+03	-1.535E+03	2.881E+02	2.290E-17	-6.958E-17	0.000E+00	1.548E+03	-1.562E+03	9.317E-02
23	2	15	-2.619E-17	-9.112E-18	1.046E-33	9.346E+02	-4.214E+03	2.326E+02	-9.112E-18	-2.619E-17	1.571E+00	9.451E+02	-4.225E+03	4.505E-02
23	2	16	2.290E-17	-6.958E-17	-5.662E-33	9.483E+02	-4.180E+03	2.164E+02	2.290E-17	-6.958E-17	0.000E+00	9.574E+02	-4.189E+03	4.210E-02
23	3	1	6.792E-17	-2.413E-17	-1.127E-32	1.935E+02	-1.105E+03	9.986E+02	6.792E-17	-2.413E-17	0.000E+00	7.353E+02	-1.647E+03	4.971E-01
23	3	2	1.032E-17	2.712E-17	2.057E-33	2.006E+02	-1.093E+03	9.824E+02	2.712E-17	1.032E-17	1.571E+00	7.299E+02	-1.623E+03	4.942E-01
23	3	3	6.792E-17	-2.413E-17	-1.127E-32	8.957E+01	-2.388E+03	8.956E+02	6.792E-17	-2.413E-17	0.000E+00	3.794E+02	-2.678E+03	3.130E-01
23	3	4	1.032E-17	2.712E-17	2.057E-33	9.671E+01	-2.376E+03	8.794E+02	2.712E-17	1.032E-17	1.571E+00	3.776E+02	-2.657E+03	3.091E-01
23	3	5	-1.032E-17	-2.712E-17	-2.057E-33	1.720E+02	-1.060E+03	9.848E+02	-1.032E-17	-2.712E-17	0.000E+00	7.175E+02	-1.606E+03	5.058E-01
23	3	6	-6.792E-17	2.413E-17	1.127E-32	1.792E+02	-1.049E+03	9.686E+02	2.413E-17	-6.792E-17	1.571E+00	7.121E+02	-1.581E+03	5.030E-01
23	3	7	-1.032E-17	-2.712E-17	-2.057E-33	6.811E+01	-2.343E+03	8.818E+02	-1.032E-17	-2.712E-17	0.000E+00	3.562E+02	-2.631E+03	3.158E-01
23	3	8	-6.792E-17	2.413E-17	1.127E-32	7.525E+01	-2.331E+03	8.656E+02	2.413E-17	-6.792E-17	1.571E+00	3.543E+02	-2.610E+03	3.118E-01
23	3	9	6.792E-17	-2.413E-17	-1.127E-32	-3.944E+00	-7.693E+02	6.819E+02	6.792E-17	-2.413E-17	0.000E+00	3.953E+02	-1.168E+03	5.297E-01
23	3	10	1.032E-17	2.712E-17	2.057E-33	3.196E+00	-7.573E+02	6.657E+02	2.712E-17	1.032E-17	1.571E+00	3.896E+02	-1.144E+03	5.259E-01
23	3	11	6.792E-17	-2.413E-17	-1.127E-32	-1.079E+02	-2.052E+03	5.788E+02	6.792E-17	-2.413E-17	0.000E+00	5.144E+01	-2.211E+03	2.686E-01
23	3	12	1.032E-17	2.712E-17	2.057E-33	-1.007E+02	-2.040E+03	5.627E+02	2.712E-17	1.032E-17	1.571E+00	5.071E+01	-2.191E+03	2.629E-01
23	3	13	-1.032E-17	-2.712E-17	-2.057E-33	-2.540E+01	-7.244E+02	6.681E+02	-1.032E-17	-2.712E-17	0.000E+00	3.791E+02	-1.129E+03	5.444E-01
23	3	14	-6.792E-17	2.413E-17	1.127E-32	-1.826E+01	-7.124E+02	6.519E+02	2.413E-17	-6.792E-17	1.571E+00	3.732E+02	-1.104E+03	5.408E-01
23	3	15	-1.032E-17	-2.712E-17	-2.057E-33	-1.293E+02	-2.007E+03	5.651E+02	-1.032E-17	-2.712E-17	0.000E+00	2.762E+01	-2.164E+03	2.709E-01
23	3	16	-6.792E-17	2.413E-17	1.127E-32	-1.222E+02	-1.995E+03	5.489E+02	2.413E-17	-6.792E-17	1.571E+00	2.684E+01	-2.144E+03	2.651E-01
23	4	1	-2.593E-17	6.758E-17	-5.726E-33	-1.382E+03	-6.187E+02	-1.467E+02	6.758E-17	-2.593E-17	1.571E+00	-5.915E+02	-1.409E+03	1.754E+00
23	4	2	2.795E-17	1.238E-17	9.529E-34	-1.384E+03	-6.168E+02	-1.680E+02	2.795E-17	1.238E-17	0.000E+00	-5.816E+02	-1.420E+03	1.777E+00
23	4	3	-2.593E-17	6.758E-17	-5.726E-33	-1.166E+03	-2.764E+03	-1.684E+02	6.758E-17	-2.593E-17	1.571E+00	-1.148E+03	-2.781E+03	-1.038E-01
23	4	4	2.795E-17	1.238E-17	9.529E-34	-1.168E+03	-2.762E+03	-1.897E+02	2.795E-17	1.238E-17	0.000E+00	-1.146E+03	-2.784E+03	-1.169E-01
23	4	5	-2.795E-17	-1.238E-17	-9.529E-34	-1.423E+03	-6.231E+02	-1.790E+02	-1.238E-17	-2.795E-17	1.571E+00	-5.849E+02	-1.462E+03	1.781E+00
23	4	6	2.593E-17	-6.758E-17	5.726E-33	-1.426E+03	-6.211E+02	-2.004E+02	2.593E-17	-6.758E-17	0.000E+00	-5.740E+02	-1.473E+03	1.802E+00
23	4	7	-2.795E-17	-1.238E-17	-9.529E-34	-1.207E+03	-2.768E+03	-2.007E+02	-1.238E-17	-2.795E-17	1.571E+00	-1.182E+03	-2.793E+03	-1.259E-01
23	4	8	2.593E-17	-6.758E-17	5.726E-33	-1.210E+03	-2.766E+03	-2.221E+02	2.593E-17	-6.758E-17	0.000E+00	-1.179E+03	-2.797E+03	-1.390E-01
23	4	9	-2.593E-17	6.758E-17	-5.726E-33	-1.628E+03	-6.671E+02	-5.892E+02	6.758E-17	-2.593E-17	1.571E+00	-3.873E+02	-1.908E+03	2.014E+00
23	4	10	2.795E-17	1.238E-17	9.529E-34	-1.631E+03	-6.651E+02	-6.106E+02	2.795E-17	1.238E-17	0.000E+00	-3.696E+02	-1.927E+03	2.022E+00
23	4	11	-2.593E-17	6.758E-17	-5.726E-33	-1.412E+03	-2.812E+03	-6.109E+02	6.758E-17	-2.593E-17	1.571E+00	-1.183E+03	-3.041E+03	-3.589E-01
23	4	12	2.795E-17	1.238E-17	9.529E-34	-1.415E+03	-2.810E+03	-6.323E+02	2.795E-17	1.238E-17	0.000E+00	-1.171E+03	-3.054E+03	-3.682E-01
23	4	13	-2.795E-17	-1.238E-17	-9.529E-34	-1.670E+03	-6.714E+02	-6.216E+02	-1.238E-17	-2.795E-17	1.571E+00	-3.734E+02	-1.968E+03	2.018E+00
23	4	14	2.593E-17	-6.758E-17	5.726E-33	-1.673E+03	-6.695E+02	-6.430E+02	2.593E-17	-6.758E-17	0.000E+00	-3.556E+02	-1.987E+03	2.025E+00
23	4	15	-2.795E-17	-1.238E-17	-9.529E-34	-1.454E+03	-2.816E+03	-6.433E+02	-1.238E-17	-2.795E-17	1.571E+00	-1.198E+03	-3.072E+03	-3.784E-01
23	4	16	2.593E-17	-6.758E-17	5.726E-33	-1.457E+03	-2.814E+03	-6.646E+02	2.593E-17	-6.758E-17	0.000E+00	-1.185E+03	-3.085E+03	-3.874E-01
24	1	1	6.665E-17	2.915E-17	-1.214E-16	-9.971E+02	1.056E+03	-4.152E+01	1.707E-16	-7.495E-17	0.000E+00	1.057E+03	-9.979E+02	1.591E+00
24	1	2	-5.878E-17	2.335E-17	-1.614E-16	-9.905E+02	1.068E+03	-3.033E+01	1.489E-16	-1.843E-16	1.571E+00	1.068E+03	-9.909E+02	1.586E+00
24	1	3	6.665E-17	2.915E-17	-1.214E-16	-1.461E+03	8.537E+02	3.320E+01	1.707E-16	-7.495E-17	0.000E+00	8.542E+02	-1.462E+03	1.556E+00
24	1	4	-5.878E-17	2.335E-17	-1.614E-16	-1.455E+03	8.658E+02	4.438E+01	1.489E-16	-1.843E-16	1.571E+00	8.666E+02	-1.456E+03	1.552E+00
24	1	5	5.878E-17	-2.335E-17	1.614E-16	-9.874E+02	1.035E+03	-4.171E+01	1.843E-16	-1.489E-16	0.000E+00	1.036E+03	-9.883E+02	1.591E+00
24	1	6	-6.665E-17	-2.915E-17	1.214E-16	-9.808E+02	1.047E+03	-3.053E+01	7.495E-17	-1.707E-16	1.571E+00	1.048E+03	-9.812E+02	1.586E+00
24	1	7	5.878E-17	-2.335E-17	1.614E-16	-1.452E+03	8.333E+02	3.300E+01	1.843E-16	-1.489E-16	0.000E+00	8.338E+02	-1.452E+03	1.556E+00

24	1	8	-6.665E-17	-2.915E-17	1.214E-16	-1.445E+03	8.454E+02	4.419E+01	7.495E-17	-1.707E-16	1.571E+00	8.462E+02	-1.446E+03	1.552E+00
24	1	9	6.665E-17	2.915E-17	-1.214E-16	-8.610E+02	7.797E+02	1.757E+02	1.707E-16	-7.495E-17	0.000E+00	7.983E+02	-8.796E+02	1.465E+00
24	1	10	-5.878E-17	2.335E-17	-1.614E-16	-8.544E+02	7.918E+02	1.869E+02	1.489E-16	-1.843E-16	1.571E+00	8.128E+02	-8.753E+02	1.459E+00
24	1	11	6.665E-17	2.915E-17	-1.214E-16	-1.325E+03	5.777E+02	2.504E+02	1.707E-16	-7.495E-17	0.000E+00	6.101E+02	-1.358E+03	1.442E+00
24	1	12	-5.878E-17	2.335E-17	-1.614E-16	-1.319E+03	5.898E+02	2.616E+02	1.489E-16	-1.843E-16	1.571E+00	6.250E+02	-1.354E+03	1.437E+00
24	1	13	5.878E-17	-2.335E-17	1.614E-16	-8.513E+02	7.593E+02	1.755E+02	1.843E-16	-1.489E-16	0.000E+00	7.782E+02	-8.702E+02	1.464E+00
24	1	14	-6.665E-17	-2.915E-17	1.214E-16	-8.447E+02	7.714E+02	1.867E+02	7.495E-17	-1.707E-16	1.571E+00	7.927E+02	-8.659E+02	1.457E+00
24	1	15	5.878E-17	-2.335E-17	1.614E-16	-1.316E+03	5.572E+02	2.502E+02	1.843E-16	-1.489E-16	0.000E+00	5.901E+02	-1.348E+03	1.440E+00
24	1	16	-6.665E-17	-2.915E-17	1.214E-16	-1.309E+03	5.693E+02	2.614E+02	7.495E-17	-1.707E-16	1.571E+00	6.050E+02	-1.345E+03	1.435E+00
24	2	1	-1.405E-16	2.025E-16	2.100E-32	-1.464E+02	3.158E+02	-4.656E+02	2.025E-16	-1.405E-16	1.571E+00	6.045E+02	-4.351E+02	2.126E+00
24	2	2	-1.303E-16	1.191E-16	1.527E-32	-1.446E+02	3.231E+02	-4.529E+02	1.191E-16	-1.303E-16	1.571E+00	5.989E+02	-4.204E+02	2.118E+00
24	2	3	-1.405E-16	2.025E-16	2.100E-32	-2.540E+02	3.871E+02	-3.934E+02	2.025E-16	-1.405E-16	1.571E+00	5.740E+02	-4.409E+02	2.014E+00
24	2	4	-1.303E-16	1.191E-16	1.527E-32	-2.523E+02	3.944E+02	-3.806E+02	1.191E-16	-1.303E-16	1.571E+00	5.705E+02	-4.284E+02	2.004E+00
24	2	5	1.303E-16	-1.191E-16	-1.527E-32	-1.380E+02	2.972E+02	-4.598E+02	1.303E-16	-1.191E-16	0.000E+00	5.883E+02	-4.291E+02	2.135E+00
24	2	6	1.405E-16	-2.025E-16	-2.100E-32	-1.362E+02	3.045E+02	-4.471E+02	1.405E-16	-2.025E-16	0.000E+00	5.825E+02	-4.143E+02	2.127E+00
24	2	7	1.303E-16	-1.191E-16	-1.527E-32	-2.457E+02	3.685E+02	-3.876E+02	1.303E-16	-1.191E-16	0.000E+00	5.559E+02	-4.331E+02	2.021E+00
24	2	8	1.405E-16	-2.025E-16	-2.100E-32	-2.439E+02	3.758E+02	-3.748E+02	1.405E-16	-2.025E-16	0.000E+00	5.523E+02	-4.204E+02	2.011E+00
24	2	9	-1.405E-16	2.025E-16	2.100E-32	-8.890E+01	1.279E+02	-2.197E+02	2.025E-16	-1.405E-16	1.571E+00	2.645E+02	-2.255E+02	2.127E+00
24	2	10	-1.303E-16	1.191E-16	1.527E-32	-8.711E+01	1.352E+02	-2.070E+02	1.191E-16	-1.303E-16	1.571E+00	2.590E+02	-2.109E+02	2.110E+00
24	2	11	-1.405E-16	2.025E-16	2.100E-32	-1.966E+02	1.992E+02	-1.475E+02	2.025E-16	-1.405E-16	1.571E+00	2.482E+02	-2.455E+02	1.891E+00
24	2	12	-1.303E-16	1.191E-16	1.527E-32	-1.948E+02	2.065E+02	-1.348E+02	1.191E-16	-1.303E-16	1.571E+00	2.476E+02	-2.358E+02	1.867E+00
24	2	13	1.303E-16	-1.191E-16	-1.527E-32	-8.054E+01	1.093E+02	-2.139E+02	1.303E-16	-1.191E-16	0.000E+00	2.484E+02	-2.197E+02	2.147E+00
24	2	14	1.405E-16	-2.025E-16	-2.100E-32	-7.875E+01	1.166E+02	-2.012E+02	1.405E-16	-2.025E-16	0.000E+00	2.426E+02	-2.047E+02	2.130E+00
24	2	15	1.303E-16	-1.191E-16	-1.527E-32	-1.882E+02	1.807E+02	-1.417E+02	1.303E-16	-1.191E-16	0.000E+00	2.288E+02	-2.364E+02	1.898E+00
24	2	16	1.405E-16	-2.025E-16	-2.100E-32	-1.864E+02	1.879E+02	-1.290E+02	1.405E-16	-2.025E-16	0.000E+00	2.281E+02	-2.266E+02	1.872E+00
24	3	1	1.941E-16	-1.562E-16	-4.290E-32	-1.274E+02	-4.714E+02	3.085E+00	1.941E-16	-1.562E-16	0.000E+00	-1.273E+02	-4.715E+02	8.965E-03
24	3	2	1.460E-16	-1.235E-16	-3.300E-32	-1.260E+02	-4.704E+02	1.667E+01	1.460E-16	-1.235E-16	0.000E+00	-1.252E+02	-4.712E+02	4.825E-02
24	3	3	1.941E-16	-1.562E-16	-4.290E-32	-6.527E+02	-2.028E+02	2.290E+01	1.941E-16	-1.562E-16	0.000E+00	-2.017E+02	-6.538E+02	1.520E+00
24	3	4	1.460E-16	-1.235E-16	-3.300E-32	-6.513E+02	-2.018E+02	3.649E+01	1.460E-16	-1.235E-16	0.000E+00	-1.989E+02	-6.543E+02	1.490E+00
24	3	5	-1.460E-16	1.235E-16	3.300E-32	-1.308E+02	-4.971E+02	1.357E+01	1.235E-16	-1.460E-16	1.571E+00	-1.303E+02	-4.976E+02	3.698E-02
24	3	6	-1.941E-16	1.562E-16	4.290E-32	-1.295E+02	-4.961E+02	2.716E+01	1.562E-16	-1.941E-16	1.571E+00	-1.275E+02	-4.981E+02	7.354E-02
24	3	7	-1.460E-16	1.235E-16	3.300E-32	-6.561E+02	-2.285E+02	3.339E+01	1.235E-16	-1.460E-16	1.571E+00	-2.259E+02	-6.587E+02	1.493E+00
24	3	8	-1.941E-16	1.562E-16	4.290E-32	-6.548E+02	-2.275E+02	4.698E+01	1.562E-16	-1.941E-16	1.571E+00	-2.224E+02	-6.599E+02	1.463E+00
24	3	9	1.941E-16	-1.562E-16	-4.290E-32	-1.622E+02	-6.262E+02	2.680E+02	1.941E-16	-1.562E-16	0.000E+00	-3.975E+01	-7.486E+02	4.286E-01
24	3	10	1.460E-16	-1.235E-16	-3.300E-32	-1.609E+02	-6.251E+02	2.816E+02	1.460E-16	-1.235E-16	0.000E+00	-2.809E+01	-7.579E+02	4.407E-01
24	3	11	1.941E-16	-1.562E-16	-4.290E-32	-6.875E+02	-3.576E+02	2.878E+02	1.941E-16	-1.562E-16	0.000E+00	-1.908E+02	-8.543E+02	1.046E+00
24	3	12	1.460E-16	-1.235E-16	-3.300E-32	-6.862E+02	-3.565E+02	3.014E+02	1.460E-16	-1.235E-16	0.000E+00	-1.778E+02	-8.648E+02	1.036E+00
24	3	13	-1.460E-16	1.235E-16	3.300E-32	-1.657E+02	-6.519E+02	2.785E+02	1.235E-16	-1.460E-16	1.571E+00	-3.913E+01	-7.784E+02	4.266E-01
24	3	14	-1.941E-16	1.562E-16	4.290E-32	-1.643E+02	-6.508E+02	2.921E+02	1.562E-16	-1.941E-16	1.571E+00	-2.750E+01	-7.877E+02	4.382E-01
24	3	15	-1.460E-16	1.235E-16	3.300E-32	-6.910E+02	-3.833E+02	2.983E+02	1.235E-16	-1.460E-16	1.571E+00	-2.015E+02	-8.727E+02	1.023E+00
24	3	16	-1.941E-16	1.562E-16	4.290E-32	-6.896E+02	-3.822E+02	3.119E+02	1.562E-16	-1.941E-16	1.571E+00	-1.882E+02	-8.836E+02	1.014E+00
24	4	1	-1.381E-16	2.097E-16	-2.129E-32	-8.666E+02	2.386E+02	-6.656E+02	2.097E-16	-1.381E-16	1.571E+00	5.510E+02	-1.179E+03	2.010E+00
24	4	2	-1.248E-16	1.232E-16	-1.518E-32	-8.617E+02	2.445E+02	-6.509E+02	1.232E-16	-1.248E-16	1.571E+00	5.456E+02	-1.163E+03	2.004E+00

24	4	3	-1.381E-16	2.097E-16	-2.129E-32	-1.740E+03	2.330E+02	-5.917E+02	2.097E-16	-1.381E-16	1.571E+00	3.968E+02	-1.904E+03	1.841E+00
24	4	4	-1.248E-16	1.232E-16	-1.518E-32	-1.735E+03	2.389E+02	-5.771E+02	1.232E-16	-1.248E-16	1.571E+00	3.952E+02	-1.892E+03	1.835E+00
24	4	5	1.248E-16	-1.232E-16	1.518E-32	-8.673E+02	2.109E+02	-6.557E+02	1.248E-16	-1.232E-16	0.000E+00	5.207E+02	-1.177E+03	2.012E+00
24	4	6	1.381E-16	-2.097E-16	2.129E-32	-8.623E+02	2.168E+02	-6.410E+02	1.381E-16	-2.097E-16	0.000E+00	5.152E+02	-1.161E+03	2.006E+00
24	4	7	1.248E-16	-1.232E-16	1.518E-32	-1.741E+03	2.053E+02	-5.819E+02	1.248E-16	-1.232E-16	0.000E+00	3.660E+02	-1.902E+03	1.840E+00
24	4	8	1.381E-16	-2.097E-16	2.129E-32	-1.736E+03	2.113E+02	-5.672E+02	1.381E-16	-2.097E-16	0.000E+00	3.644E+02	-1.889E+03	1.835E+00
24	4	9	-1.381E-16	2.097E-16	-2.129E-32	-7.689E+02	2.896E+01	-3.806E+02	2.097E-16	-1.381E-16	1.571E+00	1.814E+02	-9.213E+02	1.952E+00
24	4	10	-1.248E-16	1.232E-16	-1.518E-32	-7.639E+02	3.493E+01	-3.660E+02	1.232E-16	-1.248E-16	1.571E+00	1.772E+02	-9.062E+02	1.942E+00
24	4	11	-1.381E-16	2.097E-16	-2.129E-32	-1.642E+03	2.336E+01	-3.068E+02	2.097E-16	-1.381E-16	1.571E+00	7.806E+01	-1.697E+03	1.747E+00
24	4	12	-1.248E-16	1.232E-16	-1.518E-32	-1.638E+03	2.933E+01	-2.921E+02	1.232E-16	-1.248E-16	1.571E+00	7.905E+01	-1.687E+03	1.739E+00
24	4	13	1.248E-16	-1.232E-16	1.518E-32	-7.695E+02	1.286E+00	-3.708E+02	1.248E-16	-1.232E-16	0.000E+00	1.507E+02	-9.189E+02	1.954E+00
24	4	14	1.381E-16	-2.097E-16	2.129E-32	-7.645E+02	7.255E+00	-3.561E+02	1.381E-16	-2.097E-16	0.000E+00	1.464E+02	-9.037E+02	1.943E+00
24	4	15	1.248E-16	-1.232E-16	1.518E-32	-1.643E+03	-4.311E+00	-2.969E+02	1.248E-16	-1.232E-16	0.000E+00	4.783E+01	-1.695E+03	1.745E+00
24	4	16	1.381E-16	-2.097E-16	2.129E-32	-1.638E+03	1.659E+00	-2.823E+02	1.381E-16	-2.097E-16	0.000E+00	4.889E+01	-1.685E+03	1.737E+00
25	1	1	2.207E-13	1.471E-12	-2.076E-13	-7.856E+02	-9.188E+02	2.186E+03	1.505E-12	1.871E-13	1.571E+00	1.335E+03	-3.039E+03	7.702E-01
25	1	2	2.162E-13	1.441E-12	-2.048E-13	-7.577E+02	-8.806E+02	2.113E+03	1.475E-12	1.829E-13	1.571E+00	1.295E+03	-2.933E+03	7.709E-01
25	1	3	-5.612E-14	-3.741E-13	-3.076E-14	-6.692E+02	-1.097E+03	5.694E+02	-5.317E-14	-3.770E-13	0.000E+00	-2.748E+02	-1.491E+03	6.058E-01
25	1	4	-6.058E-14	-4.038E-13	-2.797E-14	-6.414E+02	-1.059E+03	4.970E+02	-5.831E-14	-4.061E-13	0.000E+00	-3.110E+02	-1.389E+03	5.867E-01
25	1	5	2.104E-13	1.403E-12	-1.781E-13	-6.137E+02	-8.215E+02	2.068E+03	1.429E-12	1.844E-13	1.571E+00	1.353E+03	-2.788E+03	7.603E-01
25	1	6	2.060E-13	1.373E-12	-1.753E-13	-5.858E+02	-7.833E+02	1.995E+03	1.399E-12	1.802E-13	1.571E+00	1.313E+03	-2.682E+03	7.607E-01
25	1	7	-6.638E-14	-4.426E-13	-1.349E-15	-4.973E+02	-9.996E+02	4.512E+02	-6.637E-14	-4.426E-13	0.000E+00	-2.321E+02	-1.265E+03	5.314E-01
25	1	8	-7.084E-14	-4.723E-13	1.444E-15	-4.695E+02	-9.614E+02	3.788E+02	-7.083E-14	-4.723E-13	0.000E+00	-2.638E+02	-1.167E+03	4.974E-01
25	1	9	1.192E-13	7.947E-13	-3.488E-14	3.215E+02	-1.831E+01	6.639E+02	7.965E-13	1.174E-13	1.571E+00	8.369E+02	-5.337E+02	6.601E-01
25	1	10	1.147E-13	7.650E-13	-3.209E-14	3.493E+02	1.987E+01	5.915E+02	7.666E-13	1.132E-13	1.571E+00	7.986E+02	-4.294E+02	6.496E-01
25	1	11	-1.576E-13	-1.051E-12	1.419E-13	4.379E+02	-1.964E+02	-9.524E+02	-1.356E-13	-1.073E-12	0.000E+00	1.125E+03	-8.831E+02	-6.247E-01
25	1	12	-1.621E-13	-1.080E-12	1.447E-13	4.657E+02	-1.582E+02	-1.025E+03	-1.398E-13	-1.103E-12	0.000E+00	1.225E+03	-9.175E+02	-6.377E-01
25	1	13	1.089E-13	7.262E-13	-5.469E-15	4.934E+02	7.896E+01	5.457E+02	7.263E-13	1.089E-13	1.571E+00	8.698E+02	-2.975E+02	6.039E-01
25	1	14	1.045E-13	6.965E-13	-2.675E-15	5.212E+02	1.171E+02	4.732E+02	6.965E-13	1.045E-13	1.571E+00	8.338E+02	-1.954E+02	5.836E-01
25	1	15	-1.679E-13	-1.119E-12	1.713E-13	6.098E+02	-9.909E+01	-1.071E+03	-1.379E-13	-1.149E-12	0.000E+00	1.383E+03	-8.725E+02	-6.256E-01
25	1	16	-1.723E-13	-1.149E-12	1.741E-13	6.376E+02	-6.090E+01	-1.143E+03	-1.422E-13	-1.179E-12	0.000E+00	1.484E+03	-9.069E+02	-6.371E-01
25	2	1	-8.746E-14	1.838E-13	1.636E-29	-3.844E+03	5.388E+02	1.185E+03	1.838E-13	-8.746E-14	1.571E+00	8.386E+02	-4.144E+03	1.323E+00
25	2	2	-8.573E-14	1.807E-13	1.606E-29	-3.843E+03	5.678E+02	1.114E+03	1.807E-13	-8.573E-14	1.571E+00	8.331E+02	-4.108E+03	1.337E+00
25	2	3	1.829E-14	-1.149E-14	-2.077E-30	-5.982E+03	-1.372E+03	2.685E+02	1.829E-14	-1.149E-14	0.000E+00	-1.357E+03	-5.998E+03	1.513E+00
25	2	4	2.002E-14	-1.463E-14	-2.375E-30	-5.981E+03	-1.343E+03	1.975E+02	2.002E-14	-1.463E-14	0.000E+00	-1.335E+03	-5.989E+03	1.528E+00
25	2	5	-8.639E-14	1.683E-13	1.534E-29	-3.797E+03	7.123E+02	1.055E+03	1.683E-13	-8.639E-14	1.571E+00	9.469E+02	-4.032E+03	1.352E+00
25	2	6	-8.467E-14	1.652E-13	1.505E-29	-3.796E+03	7.412E+02	9.840E+02	1.652E-13	-8.467E-14	1.571E+00	9.455E+02	-4.000E+03	1.366E+00
25	2	7	1.936E-14	-2.699E-14	-3.091E-30	-5.935E+03	-1.199E+03	1.388E+02	1.936E-14	-2.699E-14	0.000E+00	-1.195E+03	-5.939E+03	1.542E+00
25	2	8	2.108E-14	-3.013E-14	-3.389E-30	-5.934E+03	-1.170E+03	6.772E+01	2.108E-14	-3.013E-14	0.000E+00	-1.169E+03	-5.935E+03	1.557E+00
25	2	9	-3.904E-14	6.503E-14	6.626E-30	-3.567E+03	1.663E+03	-3.401E+02	6.503E-14	-3.904E-14	1.571E+00	1.685E+03	-3.589E+03	1.635E+00
25	2	10	-3.731E-14	6.189E-14	6.328E-30	-3.565E+03	1.692E+03	-4.111E+02	6.189E-14	-3.731E-14	1.571E+00	1.724E+03	-3.597E+03	1.648E+00
25	2	11	6.671E-14	-1.303E-13	-1.181E-29	-5.705E+03	-2.483E+02	-1.256E+03	6.671E-14	-1.303E-13	0.000E+00	2.710E+01	-5.980E+03	1.787E+00
25	2	12	6.843E-14	-1.334E-13	-1.211E-29	-5.703E+03	-2.193E+02	-1.327E+03	6.843E-14	-1.334E-13	0.000E+00	8.511E+01	-6.007E+03	1.796E+00
25	2	13	-3.798E-14	4.953E-14	5.611E-30	-3.519E+03	1.836E+03	-4.698E+02	4.953E-14	-3.798E-14	1.571E+00	1.877E+03	-3.560E+03	1.658E+00

25	2	14	-3.625E-14	4.639E-14	5.314E-30	-3.518E+03	1.865E+03	-5.409E+02	4.639E-14	-3.625E-14	1.571E+00	1.919E+03	-3.572E+03	1.670E+00
25	2	15	6.777E-14	-1.458E-13	-1.282E-29	-5.657E+03	-7.487E+01	-1.386E+03	6.777E-14	-1.458E-13	0.000E+00	2.504E+02	-5.983E+03	1.801E+00
25	2	16	6.950E-14	-1.489E-13	-1.312E-29	-5.656E+03	-4.590E+01	-1.457E+03	6.950E-14	-1.489E-13	0.000E+00	3.100E+02	-6.012E+03	1.810E+00
25	3	1	1.540E-12	1.293E-13	-1.681E-28	-6.001E+02	-1.497E+02	1.132E+03	1.540E-12	1.293E-13	0.000E+00	7.792E+02	-1.529E+03	8.836E-01
25	3	2	1.510E-12	1.251E-13	-1.650E-28	-5.812E+02	-1.334E+02	1.050E+03	1.510E-12	1.251E-13	0.000E+00	7.160E+02	-1.431E+03	8.905E-01
25	3	3	-3.142E-13	-1.351E-13	2.660E-29	-4.558E+02	-8.712E+01	-1.776E+03	-1.351E-13	-3.142E-13	1.571E+00	1.515E+03	-2.057E+03	2.304E+00
25	3	4	-3.441E-13	-1.393E-13	2.974E-29	-4.370E+02	-7.085E+01	-1.859E+03	-1.393E-13	-3.441E-13	1.571E+00	1.614E+03	-2.122E+03	2.307E+00
25	3	5	1.465E-12	1.164E-13	-1.605E-28	-4.454E+02	-8.796E+01	9.806E+02	1.465E-12	1.164E-13	0.000E+00	7.301E+02	-1.263E+03	8.755E-01
25	3	6	1.435E-12	1.122E-13	-1.573E-28	-4.266E+02	-7.169E+01	8.984E+02	1.435E-12	1.122E-13	0.000E+00	6.666E+02	-1.165E+03	8.829E-01
25	3	7	-3.898E-13	-1.480E-13	3.427E-29	-3.012E+02	-2.539E+01	-1.928E+03	-1.480E-13	-3.898E-13	1.571E+00	1.769E+03	-2.096E+03	2.320E+00
25	3	8	-4.197E-13	-1.523E-13	3.741E-29	-2.823E+02	-9.123E+00	-2.010E+03	-1.523E-13	-4.197E-13	1.571E+00	1.869E+03	-2.160E+03	2.322E+00
25	3	9	7.433E-13	2.001E-13	-7.119E-29	3.524E+02	3.119E+02	-6.361E+02	7.433E-13	2.001E-13	0.000E+00	9.686E+02	-3.043E+02	-7.695E-01
25	3	10	7.134E-13	1.959E-13	-6.804E-29	3.713E+02	3.281E+02	-7.183E+02	7.134E-13	1.959E-13	0.000E+00	1.068E+03	-3.689E+02	-7.704E-01
25	3	11	-1.111E-12	-6.439E-14	1.235E-28	4.967E+02	3.744E+02	-3.544E+03	-6.439E-14	-1.111E-12	1.571E+00	3.981E+03	-3.109E+03	-7.768E-01
25	3	12	-1.141E-12	-6.860E-14	1.267E-28	5.155E+02	3.907E+02	-3.627E+03	-6.860E-14	-1.141E-12	1.571E+00	4.080E+03	-3.174E+03	-7.768E-01
25	3	13	6.677E-13	1.871E-13	-6.351E-29	5.071E+02	3.736E+02	-7.874E+02	6.677E-13	1.871E-13	0.000E+00	1.231E+03	-3.499E+02	-7.431E-01
25	3	14	6.378E-13	1.829E-13	-6.037E-29	5.259E+02	3.899E+02	-8.696E+02	6.378E-13	1.829E-13	0.000E+00	1.330E+03	-4.144E+02	-7.464E-01
25	3	15	-1.187E-12	-7.732E-14	1.312E-28	6.513E+02	4.362E+02	-3.696E+03	-7.732E-14	-1.187E-12	1.571E+00	4.241E+03	-3.154E+03	-7.708E-01
25	3	16	-1.217E-12	-8.153E-14	1.344E-28	6.702E+02	4.524E+02	-3.778E+03	-8.153E-14	-1.217E-12	1.571E+00	4.341E+03	-3.218E+03	-7.710E-01
25	4	1	2.016E-13	3.054E-12	-1.718E-28	2.415E+03	-2.032E+03	-3.530E+01	3.054E-12	2.016E-13	1.571E+00	2.415E+03	-2.032E+03	-7.937E-03
25	4	2	1.942E-13	2.994E-12	-1.687E-28	2.461E+03	-1.997E+03	-8.463E+01	2.994E-12	1.942E-13	1.571E+00	2.462E+03	-1.998E+03	-1.898E-02
25	4	3	-2.630E-13	-6.333E-13	2.546E-29	4.807E+03	-2.901E+02	8.487E+02	-2.630E-13	-6.333E-13	0.000E+00	4.945E+03	-4.277E+02	1.607E-01
25	4	4	-2.704E-13	-6.927E-13	2.864E-29	4.853E+03	-2.549E+02	7.994E+02	-2.704E-13	-6.927E-13	0.000E+00	4.975E+03	-3.771E+02	1.517E-01
25	4	5	1.963E-13	2.906E-12	-1.631E-28	2.697E+03	-2.017E+03	-1.197E+02	2.906E-12	1.963E-13	1.571E+00	2.700E+03	-2.020E+03	-2.537E-02
25	4	6	1.888E-13	2.847E-12	-1.600E-28	2.744E+03	-1.982E+03	-1.690E+02	2.847E-12	1.888E-13	1.571E+00	2.750E+03	-1.988E+03	-3.571E-02
25	4	7	-2.683E-13	-7.808E-13	3.416E-29	5.090E+03	-2.748E+02	7.643E+02	-2.683E-13	-7.808E-13	0.000E+00	5.197E+03	-3.815E+02	1.388E-01
25	4	8	-2.758E-13	-8.402E-13	3.734E-29	5.136E+03	-2.396E+02	7.149E+02	-2.758E-13	-8.402E-13	0.000E+00	5.229E+03	-3.330E+02	1.300E-01
25	4	9	3.573E-13	1.484E-12	-7.177E-29	4.239E+03	-1.344E+03	-1.080E+03	1.484E-12	3.573E-13	1.571E+00	4.440E+03	-1.546E+03	-1.845E-01
25	4	10	3.498E-13	1.425E-12	-6.859E-29	4.285E+03	-1.309E+03	-1.129E+03	1.425E-12	3.498E-13	1.571E+00	4.504E+03	-1.528E+03	-1.918E-01
25	4	11	-1.073E-13	-2.203E-12	1.255E-28	6.631E+03	3.978E+02	-1.956E+02	-1.073E-13	-2.203E-12	0.000E+00	6.637E+03	3.917E+02	-3.133E-02
25	4	12	-1.148E-13	-2.262E-12	1.287E-28	6.677E+03	4.330E+02	-2.449E+02	-1.148E-13	-2.262E-12	0.000E+00	6.687E+03	4.234E+02	-3.914E-02
25	4	13	3.519E-13	1.336E-12	-6.307E-29	4.521E+03	-1.329E+03	-1.164E+03	1.336E-12	3.519E-13	1.571E+00	4.744E+03	-1.552E+03	-1.894E-01
25	4	14	3.444E-13	1.277E-12	-5.989E-29	4.567E+03	-1.294E+03	-1.213E+03	1.277E-12	3.444E-13	1.571E+00	4.809E+03	-1.535E+03	-1.963E-01
25	4	15	-1.127E-13	-2.350E-12	1.342E-28	6.914E+03	4.132E+02	-2.800E+02	-1.127E-13	-2.350E-12	0.000E+00	6.926E+03	4.011E+02	-4.296E-02
25	4	16	-1.201E-13	-2.410E-12	1.374E-28	6.960E+03	4.484E+02	-3.293E+02	-1.201E-13	-2.410E-12	0.000E+00	6.976E+03	4.318E+02	-5.040E-02
26	1	1	-1.942E-15	-5.147E-13	-1.336E-13	-1.675E+02	3.215E+03	3.656E+02	3.076E-14	-5.474E-13	0.000E+00	3.254E+03	-2.066E+02	1.464E+00
26	1	2	-2.455E-16	-5.044E-13	-1.306E-13	-1.601E+02	3.160E+03	2.984E+02	3.160E-14	-5.362E-13	0.000E+00	3.186E+03	-1.867E+02	1.482E+00
26	1	3	1.008E-13	1.305E-13	4.409E-14	-8.164E+02	-1.765E+03	-1.687E+03	1.622E-13	6.915E-14	1.571E+00	4.614E+02	-3.043E+03	-6.483E-01
26	1	4	1.025E-13	1.408E-13	4.700E-14	-8.090E+02	-1.820E+03	-1.754E+03	1.724E-13	7.091E-14	1.571E+00	5.108E+02	-3.140E+03	-6.450E-01
26	1	5	-1.749E-14	-4.906E-13	-1.352E-13	-3.167E+01	3.172E+03	2.384E+02	1.843E-14	-5.265E-13	0.000E+00	3.190E+03	-4.932E+01	1.497E+00
26	1	6	-1.580E-14	-4.803E-13	-1.323E-13	-2.427E+01	3.117E+03	1.712E+02	1.925E-14	-5.153E-13	0.000E+00	3.126E+03	-3.358E+01	1.516E+00
26	1	7	8.526E-14	1.547E-13	4.243E-14	-6.805E+02	-1.808E+03	-1.814E+03	1.748E-13	6.514E-14	1.571E+00	6.552E+02	-3.144E+03	-6.347E-01
26	1	8	8.695E-14	1.649E-13	4.534E-14	-6.731E+02	-1.863E+03	-1.881E+03	1.858E-13	6.614E-14	1.571E+00	7.048E+02	-3.241E+03	-6.322E-01

26	1	9	-1.027E-13	-2.777E-13	-7.541E-14	6.337E+02	2.124E+03	-1.087E+03	-7.465E-14	-3.057E-13	0.000E+00	2.697E+03	6.062E+01	2.056E+00
26	1	10	-1.010E-13	-2.674E-13	-7.249E-14	6.410E+02	2.069E+03	-1.155E+03	-7.382E-14	-2.946E-13	0.000E+00	2.713E+03	-2.507E+00	2.079E+00
26	1	11	8.964E-17	3.675E-13	1.022E-13	-1.522E+01	-2.856E+03	-3.140E+03	3.941E-13	-2.644E-14	1.571E+00	2.011E+03	-4.882E+03	-5.730E-01
26	1	12	1.786E-15	3.778E-13	1.052E-13	-7.823E+00	-2.911E+03	-3.207E+03	4.052E-13	-2.562E-14	1.571E+00	2.061E+03	-4.980E+03	-5.729E-01
26	1	13	-1.182E-13	-2.536E-13	-7.707E-14	7.695E+02	2.081E+03	-1.215E+03	-8.333E-14	-2.885E-13	0.000E+00	2.806E+03	4.496E+01	2.109E+00
26	1	14	-1.165E-13	-2.433E-13	-7.416E-14	7.769E+02	2.026E+03	-1.282E+03	-8.235E-14	-2.775E-13	0.000E+00	2.827E+03	-2.442E+01	2.129E+00
26	1	15	-1.546E-14	3.916E-13	1.006E-13	1.206E+02	-2.899E+03	-3.267E+03	4.151E-13	-3.896E-14	1.571E+00	2.210E+03	-4.988E+03	-5.689E-01
26	1	16	-1.377E-14	4.019E-13	1.035E-13	1.280E+02	-2.954E+03	-3.334E+03	4.263E-13	-3.811E-14	1.571E+00	2.260E+03	-5.086E+03	-5.689E-01
26	2	1	-1.951E-13	8.201E-14	1.659E-29	-3.702E+03	-3.759E+02	3.104E+01	8.201E-14	-1.951E-13	1.571E+00	-3.756E+02	-3.702E+03	1.561E+00
26	2	2	-1.911E-13	8.080E-14	1.627E-29	-3.688E+03	-3.789E+02	-1.954E+01	8.080E-14	-1.911E-13	1.571E+00	-3.788E+02	-3.688E+03	1.577E+00
26	2	3	5.364E-14	8.796E-15	-3.126E-30	-3.624E+03	-2.612E+03	-2.455E+02	5.364E-14	8.796E-15	0.000E+00	-2.555E+03	-3.680E+03	1.797E+00
26	2	4	5.768E-14	7.585E-15	-3.448E-30	-3.610E+03	-2.615E+03	-2.961E+02	5.768E-14	7.585E-15	0.000E+00	-2.533E+03	-3.691E+03	1.839E+00
26	2	5	-1.933E-13	7.482E-14	1.604E-29	-3.639E+03	-3.679E+02	-6.783E+01	7.482E-14	-1.933E-13	1.571E+00	-3.665E+02	-3.641E+03	1.592E+00
26	2	6	-1.893E-13	7.361E-14	1.572E-29	-3.625E+03	-3.708E+02	-1.184E+02	7.361E-14	-1.893E-13	1.571E+00	-3.665E+02	-3.629E+03	1.607E+00
26	2	7	5.545E-14	1.610E-15	-3.677E-30	-3.561E+03	-2.604E+03	-3.444E+02	5.545E-14	1.610E-15	0.000E+00	-2.493E+03	-3.672E+03	1.883E+00
26	2	8	5.950E-14	3.997E-16	-3.999E-30	-3.547E+03	-2.607E+03	-3.950E+02	5.950E-14	3.997E-16	0.000E+00	-2.463E+03	-3.691E+03	1.920E+00
26	2	9	-1.019E-13	1.272E-14	7.399E-30	-3.259E+03	-2.973E+02	-1.069E+03	1.272E-14	-1.019E-13	1.571E+00	4.844E+01	-3.604E+03	1.884E+00
26	2	10	-9.787E-14	1.151E-14	7.077E-30	-3.244E+03	-3.002E+02	-1.120E+03	1.151E-14	-9.787E-14	1.571E+00	7.728E+01	-3.622E+03	1.896E+00
26	2	11	1.469E-13	-6.049E-14	-1.232E-29	-3.180E+03	-2.533E+03	-1.346E+03	1.469E-13	-6.049E-14	0.000E+00	-1.473E+03	-4.241E+03	2.238E+00
26	2	12	1.509E-13	-6.170E-14	-1.264E-29	-3.166E+03	-2.536E+03	-1.396E+03	1.509E-13	-6.170E-14	0.000E+00	-1.420E+03	-4.283E+03	2.245E+00
26	2	13	-1.001E-13	5.538E-15	6.848E-30	-3.196E+03	-2.892E+02	-1.168E+03	5.538E-15	-1.001E-13	1.571E+00	1.220E+02	-3.607E+03	1.909E+00
26	2	14	-9.605E-14	4.327E-15	6.526E-30	-3.182E+03	-2.922E+02	-1.219E+03	4.327E-15	-9.605E-14	1.571E+00	1.532E+02	-3.627E+03	1.921E+00
26	2	15	1.487E-13	-6.768E-14	-1.287E-29	-3.118E+03	-2.525E+03	-1.445E+03	1.487E-13	-6.768E-14	0.000E+00	-1.347E+03	-4.296E+03	2.255E+00
26	2	16	1.527E-13	-6.889E-14	-1.319E-29	-3.103E+03	-2.528E+03	-1.495E+03	1.527E-13	-6.889E-14	0.000E+00	-1.293E+03	-4.339E+03	2.261E+00
26	3	1	-2.465E-14	-5.408E-13	-6.191E-29	1.677E+01	2.316E+02	-1.047E+03	-2.465E-14	-5.408E-13	0.000E+00	1.177E+03	-9.286E+02	2.305E+00
26	3	2	-2.354E-14	-5.300E-13	-6.072E-29	9.110E+00	1.922E+02	-1.081E+03	-2.354E-14	-5.300E-13	0.000E+00	1.186E+03	-9.843E+02	2.314E+00
26	3	3	4.697E-14	1.321E-13	1.173E-29	-4.290E+02	-3.142E+03	-1.394E+03	1.321E-13	4.697E-14	1.571E+00	1.596E+02	-3.731E+03	-3.995E-01
26	3	4	4.808E-14	1.429E-13	1.291E-29	-4.367E+02	-3.181E+03	-1.428E+03	1.429E-13	4.808E-14	1.571E+00	1.714E+02	-3.789E+03	-4.026E-01
26	3	5	-2.288E-14	-5.230E-13	-5.994E-29	5.239E+01	9.442E+01	-1.107E+03	-2.288E-14	-5.230E-13	0.000E+00	1.181E+03	-1.034E+03	2.347E+00
26	3	6	-2.177E-14	-5.122E-13	-5.876E-29	4.473E+01	5.505E+01	-1.141E+03	-2.177E-14	-5.122E-13	0.000E+00	1.191E+03	-1.091E+03	2.354E+00
26	3	7	4.874E-14	1.499E-13	1.369E-29	-3.934E+02	-3.279E+03	-1.454E+03	1.499E-13	4.874E-14	1.571E+00	2.119E+02	-3.884E+03	-3.946E-01
26	3	8	4.985E-14	1.607E-13	1.488E-29	-4.011E+02	-3.318E+03	-1.487E+03	1.607E-13	4.985E-14	1.571E+00	2.236E+02	-3.943E+03	-3.976E-01
26	3	9	-6.257E-14	-2.772E-13	-2.758E-29	2.862E+02	-8.361E+02	-1.759E+03	-6.257E-14	-2.772E-13	0.000E+00	1.572E+03	-2.121E+03	-6.310E-01
26	3	10	-6.146E-14	-2.664E-13	-2.640E-29	2.786E+02	-8.755E+02	-1.793E+03	-6.146E-14	-2.664E-13	0.000E+00	1.585E+03	-2.182E+03	-6.297E-01
26	3	11	9.050E-15	3.958E-13	4.606E-29	-1.595E+02	-4.210E+03	-2.106E+03	3.958E-13	9.050E-15	1.571E+00	7.370E+02	-5.106E+03	-4.025E-01
26	3	12	1.016E-14	4.066E-13	4.724E-29	-1.672E+02	-4.249E+03	-2.140E+03	4.066E-13	1.016E-14	1.571E+00	7.489E+02	-5.165E+03	-4.045E-01
26	3	13	-6.080E-14	-2.594E-13	-2.562E-29	3.219E+02	-9.733E+02	-1.819E+03	-6.080E-14	-2.594E-13	0.000E+00	1.605E+03	-2.256E+03	-6.144E-01
26	3	14	-5.969E-14	-2.486E-13	-2.443E-29	3.142E+02	-1.013E+03	-1.853E+03	-5.969E-14	-2.486E-13	0.000E+00	1.619E+03	-2.317E+03	-6.135E-01
26	3	15	1.082E-14	4.136E-13	4.802E-29	-1.239E+02	-4.347E+03	-2.166E+03	4.136E-13	1.082E-14	1.571E+00	7.892E+02	-5.260E+03	-3.990E-01
26	4	1	1.193E-14	4.244E-13	4.921E-29	-1.316E+02	-4.386E+03	-2.199E+03	4.244E-13	1.193E-14	1.571E+00	8.010E+02	-5.319E+03	-4.010E-01
26	4	1	-1.053E-12	4.876E-14	-6.681E-29	3.546E+03	3.569E+03	-9.130E+02	4.876E-14	-1.053E-12	1.571E+00	4.470E+03	2.644E+03	2.350E+00
26	4	2	-1.033E-12	4.923E-14	-6.558E-29	3.534E+03	3.463E+03	-9.424E+02	4.923E-14	-1.033E-12	1.571E+00	4.441E+03	2.555E+03	-7.665E-01
26	4	3	2.349E-13	7.747E-14	1.032E-29	2.575E+03	-3.958E+03	-6.899E+02	2.349E-13	7.747E-14	0.000E+00	2.647E+03	-4.030E+03	-1.041E-01

26	4	4	2.554E-13	7.794E-14	1.155E-29	2.562E+03	-4.064E+03	-7.193E+02	2.554E-13	7.794E-14	0.000E+00	2.639E+03	-4.142E+03	-1.069E-01
26	4	5	-1.010E-12	3.883E-14	-6.354E-29	3.658E+03	3.361E+03	-9.079E+02	3.883E-14	-1.010E-12	1.571E+00	4.429E+03	2.589E+03	-7.044E-01
26	4	6	-9.894E-13	3.930E-14	-6.231E-29	3.645E+03	3.255E+03	-9.373E+02	3.930E-14	-9.894E-13	1.571E+00	4.407E+03	2.492E+03	-6.827E-01
26	4	7	2.783E-13	6.754E-14	1.358E-29	2.686E+03	-4.166E+03	-6.849E+02	2.783E-13	6.754E-14	0.000E+00	2.754E+03	-4.234E+03	-9.865E-02
26	4	8	2.989E-13	6.800E-14	1.482E-29	2.674E+03	-4.272E+03	-7.143E+02	2.989E-13	6.800E-14	0.000E+00	2.746E+03	-4.345E+03	-1.014E-01
26	4	9	-5.230E-13	-7.221E-14	-2.828E-29	4.268E+03	1.248E+03	-1.482E+03	-7.221E-14	-5.230E-13	1.571E+00	4.874E+03	6.426E+02	-3.881E-01
26	4	10	-5.024E-13	-7.174E-14	-2.705E-29	4.256E+03	1.142E+03	-1.511E+03	-7.174E-14	-5.024E-13	1.571E+00	4.869E+03	5.294E+02	-3.853E-01
26	4	11	7.653E-13	-4.350E-14	4.884E-29	3.297E+03	-6.278E+03	-1.259E+03	7.653E-13	-4.350E-14	0.000E+00	3.460E+03	-6.441E+03	-1.286E-01
26	4	12	7.859E-13	-4.303E-14	5.007E-29	3.284E+03	-6.384E+03	-1.288E+03	7.859E-13	-4.303E-14	0.000E+00	3.453E+03	-6.553E+03	-1.302E-01
26	4	13	-4.796E-13	-8.214E-14	-2.501E-29	4.380E+03	1.041E+03	-1.477E+03	-8.214E-14	-4.796E-13	1.571E+00	4.939E+03	4.810E+02	-3.621E-01
26	4	14	-4.590E-13	-8.167E-14	-2.378E-29	4.367E+03	9.345E+02	-1.506E+03	-8.167E-14	-4.590E-13	1.571E+00	4.935E+03	3.672E+02	-3.602E-01
26	4	15	8.087E-13	-5.343E-14	5.211E-29	3.408E+03	-6.486E+03	-1.254E+03	8.087E-13	-5.343E-14	0.000E+00	3.565E+03	-6.643E+03	-1.241E-01
26	4	16	8.293E-13	-5.297E-14	5.334E-29	3.396E+03	-6.592E+03	-1.283E+03	8.293E-13	-5.297E-14	0.000E+00	3.558E+03	-6.755E+03	-1.258E-01
27	1	1	-3.670E-17	-7.852E-18	-1.561E-17	-1.574E+02	-8.928E+02	-8.029E+02	-1.021E-18	-4.353E-17	1.571E+00	3.579E+02	-1.408E+03	-5.706E-01
27	1	2	-3.587E-17	-2.329E-18	3.908E-17	-1.618E+02	-9.120E+02	-8.291E+02	2.343E-17	-6.163E-17	1.571E+00	3.732E+02	-1.447E+03	-5.730E-01
27	1	3	-3.670E-17	-7.852E-18	-1.561E-17	-4.703E+02	-3.774E+03	-8.749E+02	-1.021E-18	-4.353E-17	1.571E+00	-2.529E+02	-3.992E+03	-2.435E-01
27	1	4	-3.587E-17	-2.329E-18	3.908E-17	-4.746E+02	-3.793E+03	-9.012E+02	2.343E-17	-6.163E-17	1.571E+00	-2.457E+02	-4.022E+03	-2.488E-01
27	1	5	3.587E-17	2.329E-18	-3.908E-17	-1.047E+02	-9.013E+02	-8.366E+02	6.163E-17	-2.343E-17	0.000E+00	4.236E+02	-1.430E+03	-5.632E-01
27	1	6	3.670E-17	7.852E-18	1.561E-17	-1.091E+02	-9.204E+02	-8.629E+02	4.353E-17	1.021E-18	0.000E+00	4.388E+02	-1.468E+03	-5.657E-01
27	1	7	3.587E-17	2.329E-18	-3.908E-17	-4.176E+02	-3.783E+03	-9.087E+02	6.163E-17	-2.343E-17	0.000E+00	-1.879E+02	-4.012E+03	-2.476E-01
27	1	8	3.670E-17	7.852E-18	1.561E-17	-4.219E+02	-3.802E+03	-9.350E+02	4.353E-17	1.021E-18	0.000E+00	-1.805E+02	-4.043E+03	-2.527E-01
27	1	9	-3.670E-17	-7.852E-18	-1.561E-17	1.725E+02	-1.268E+03	-1.334E+03	-1.021E-18	-4.353E-17	1.571E+00	9.684E+02	-2.064E+03	-5.379E-01
27	1	10	-3.587E-17	-2.329E-18	3.908E-17	1.681E+02	-1.287E+03	-1.360E+03	2.343E-17	-6.163E-17	1.571E+00	9.833E+02	-2.102E+03	-5.399E-01
27	1	11	-3.670E-17	-7.852E-18	-1.561E-17	-1.404E+02	-4.149E+03	-1.406E+03	-1.021E-18	-4.353E-17	1.571E+00	3.037E+02	-4.593E+03	-3.059E-01
27	1	12	-3.587E-17	-2.329E-18	3.908E-17	-1.448E+02	-4.168E+03	-1.432E+03	2.343E-17	-6.163E-17	1.571E+00	3.131E+02	-4.626E+03	-3.094E-01
27	1	13	3.587E-17	2.329E-18	-3.908E-17	2.252E+02	-1.276E+03	-1.368E+03	6.163E-17	-2.343E-17	0.000E+00	1.035E+03	-2.086E+03	-5.345E-01
27	1	14	3.670E-17	7.852E-18	1.561E-17	2.208E+02	-1.295E+03	-1.394E+03	4.353E-17	1.021E-18	0.000E+00	1.050E+03	-2.124E+03	-5.364E-01
27	1	15	3.587E-17	2.329E-18	-3.908E-17	-8.774E+01	-4.157E+03	-1.440E+03	6.163E-17	-2.343E-17	0.000E+00	3.702E+02	-4.615E+03	-3.079E-01
27	1	16	3.670E-17	7.852E-18	1.561E-17	-9.210E+01	-4.177E+03	-1.466E+03	4.353E-17	1.021E-18	0.000E+00	3.797E+02	-4.648E+03	-3.113E-01
27	2	1	-6.758E-17	2.593E-17	5.726E-33	-1.673E+03	-6.695E+02	-1.467E+02	2.593E-17	-6.758E-17	1.571E+00	-6.485E+02	-1.694E+03	1.713E+00
27	2	2	-1.238E-17	-2.795E-17	-9.529E-34	-1.670E+03	-6.714E+02	-1.680E+02	-1.238E-17	-2.795E-17	0.000E+00	-6.439E+02	-1.698E+03	1.733E+00
27	2	3	-6.758E-17	2.593E-17	5.726E-33	-1.457E+03	-2.814E+03	-1.684E+02	2.593E-17	-6.758E-17	1.571E+00	-1.436E+03	-2.835E+03	-1.216E-01
27	2	4	-1.238E-17	-2.795E-17	-9.529E-34	-1.454E+03	-2.816E+03	-1.897E+02	-1.238E-17	-2.795E-17	0.000E+00	-1.428E+03	-2.842E+03	-1.358E-01
27	2	5	1.238E-17	2.795E-17	9.529E-34	-1.631E+03	-6.651E+02	-1.790E+02	2.795E-17	1.238E-17	1.571E+00	-6.330E+02	-1.663E+03	1.748E+00
27	2	6	6.758E-17	-2.593E-17	-5.726E-33	-1.628E+03	-6.671E+02	-2.004E+02	6.758E-17	-2.593E-17	0.000E+00	-6.270E+02	-1.668E+03	1.768E+00
27	2	7	1.238E-17	2.795E-17	9.529E-34	-1.415E+03	-2.810E+03	-2.007E+02	2.795E-17	1.238E-17	1.571E+00	-1.387E+03	-2.838E+03	-1.401E-01
27	2	8	6.758E-17	-2.593E-17	-5.726E-33	-1.412E+03	-2.812E+03	-2.221E+02	6.758E-17	-2.593E-17	0.000E+00	-1.378E+03	-2.846E+03	-1.536E-01
27	2	9	-6.758E-17	2.593E-17	5.726E-33	-1.426E+03	-6.211E+02	-5.892E+02	2.593E-17	-6.758E-17	1.571E+00	-3.100E+02	-1.737E+03	2.057E+00
27	2	10	-1.238E-17	-2.795E-17	-9.529E-34	-1.423E+03	-6.231E+02	-6.106E+02	-1.238E-17	-2.795E-17	0.000E+00	-2.932E+02	-1.753E+03	2.066E+00
27	2	11	-6.758E-17	2.593E-17	5.726E-33	-1.210E+03	-2.766E+03	-6.109E+02	2.593E-17	-6.758E-17	1.571E+00	-9.988E+02	-2.977E+03	-3.329E-01
27	2	12	-1.238E-17	-2.795E-17	-9.529E-34	-1.207E+03	-2.768E+03	-6.323E+02	-1.238E-17	-2.795E-17	0.000E+00	-9.833E+02	-2.992E+03	-3.405E-01
27	2	13	1.238E-17	2.795E-17	9.529E-34	-1.384E+03	-6.168E+02	-6.216E+02	2.795E-17	1.238E-17	1.571E+00	-2.700E+02	-1.731E+03	2.080E+00
27	2	14	6.758E-17	-2.593E-17	-5.726E-33	-1.382E+03	-6.187E+02	-6.430E+02	6.758E-17	-2.593E-17	0.000E+00	-2.526E+02	-1.748E+03	2.088E+00

27	2	15	1.238E-17	2.795E-17	9.529E-34	-1.168E+03	-2.762E+03	-6.433E+02	2.795E-17	1.238E-17	1.571E+00	-9.411E+02	-2.989E+03	-3.397E-01
27	2	16	6.758E-17	-2.593E-17	-5.726E-33	-1.166E+03	-2.764E+03	-6.646E+02	6.758E-17	-2.593E-17	0.000E+00	-9.254E+02	-3.004E+03	-3.470E-01
27	3	1	2.413E-17	-6.792E-17	-1.127E-32	-1.826E+01	-7.124E+02	-6.519E+02	2.413E-17	-6.792E-17	0.000E+00	3.732E+02	-1.104E+03	-5.408E-01
27	3	2	-2.712E-17	-1.032E-17	2.057E-33	-2.540E+01	-7.244E+02	-6.681E+02	-1.032E-17	-2.712E-17	1.571E+00	3.791E+02	-1.129E+03	-5.444E-01
27	3	3	2.413E-17	-6.792E-17	-1.127E-32	-1.222E+02	-1.995E+03	-5.489E+02	2.413E-17	-6.792E-17	0.000E+00	2.684E+01	-2.144E+03	-2.651E-01
27	3	4	-2.712E-17	-1.032E-17	2.057E-33	-1.293E+02	-2.007E+03	-5.651E+02	-1.032E-17	-2.712E-17	1.571E+00	2.762E+01	-2.164E+03	-2.709E-01
27	3	5	2.712E-17	1.032E-17	-2.057E-33	3.196E+00	-7.573E+02	-6.657E+02	2.712E-17	1.032E-17	0.000E+00	3.896E+02	-1.144E+03	-5.259E-01
27	3	6	-2.413E-17	6.792E-17	1.127E-32	-3.944E+00	-7.693E+02	-6.819E+02	6.792E-17	-2.413E-17	1.571E+00	3.953E+02	-1.168E+03	-5.297E-01
27	3	7	2.712E-17	1.032E-17	-2.057E-33	-1.007E+02	-2.040E+03	-5.627E+02	2.712E-17	1.032E-17	0.000E+00	5.071E+01	-2.191E+03	-2.629E-01
27	3	8	-2.413E-17	6.792E-17	1.127E-32	-1.079E+02	-2.052E+03	-5.788E+02	6.792E-17	-2.413E-17	1.571E+00	5.144E+01	-2.211E+03	-2.686E-01
27	3	9	2.413E-17	-6.792E-17	-1.127E-32	1.792E+02	-1.049E+03	-9.686E+02	2.413E-17	-6.792E-17	0.000E+00	7.121E+02	-1.581E+03	-5.030E-01
27	3	10	-2.712E-17	-1.032E-17	2.057E-33	1.720E+02	-1.060E+03	-9.848E+02	-1.032E-17	-2.712E-17	1.571E+00	7.175E+02	-1.606E+03	-5.058E-01
27	3	11	2.413E-17	-6.792E-17	-1.127E-32	7.525E+01	-2.331E+03	-8.656E+02	2.413E-17	-6.792E-17	0.000E+00	3.543E+02	-2.610E+03	-3.118E-01
27	3	12	-2.712E-17	-1.032E-17	2.057E-33	6.811E+01	-2.343E+03	-8.818E+02	-1.032E-17	-2.712E-17	1.571E+00	3.562E+02	-2.631E+03	-3.158E-01
27	3	13	2.712E-17	1.032E-17	-2.057E-33	2.006E+02	-1.093E+03	-9.824E+02	2.712E-17	1.032E-17	0.000E+00	7.299E+02	-1.623E+03	-4.942E-01
27	3	14	-2.413E-17	6.792E-17	1.127E-32	1.935E+02	-1.105E+03	-9.986E+02	6.792E-17	-2.413E-17	1.571E+00	7.353E+02	-1.647E+03	-4.971E-01
27	3	15	2.712E-17	1.032E-17	-2.057E-33	9.671E+01	-2.376E+03	-8.794E+02	2.712E-17	1.032E-17	0.000E+00	3.776E+02	-2.657E+03	-3.091E-01
27	3	16	-2.413E-17	6.792E-17	1.127E-32	8.957E+01	-2.388E+03	-8.956E+02	6.792E-17	-2.413E-17	1.571E+00	3.794E+02	-2.678E+03	-3.130E-01
27	4	1	-6.958E-17	2.290E-17	-5.662E-33	1.521E+03	-1.535E+03	-2.881E+02	2.290E-17	-6.958E-17	1.571E+00	1.548E+03	-1.562E+03	-9.317E-02
27	4	2	-9.112E-18	-2.619E-17	1.046E-33	1.507E+03	-1.570E+03	-3.043E+02	-9.112E-18	-2.619E-17	0.000E+00	1.537E+03	-1.599E+03	-9.763E-02
27	4	3	-6.958E-17	2.290E-17	-5.662E-33	9.483E+02	-4.180E+03	-2.164E+02	2.290E-17	-6.958E-17	1.571E+00	9.574E+02	-4.189E+03	-4.210E-02
27	4	4	-9.112E-18	-2.619E-17	1.046E-33	9.346E+02	-4.214E+03	-2.326E+02	-9.112E-18	-2.619E-17	0.000E+00	9.451E+02	-4.225E+03	-4.505E-02
27	4	5	9.112E-18	2.619E-17	-1.046E-33	1.554E+03	-1.598E+03	-2.862E+02	2.619E-17	9.112E-18	1.571E+00	1.580E+03	-1.624E+03	-8.984E-02
27	4	6	6.958E-17	-2.290E-17	5.662E-33	1.540E+03	-1.632E+03	-3.024E+02	6.958E-17	-2.290E-17	0.000E+00	1.569E+03	-1.661E+03	-9.420E-02
27	4	7	9.112E-18	2.619E-17	-1.046E-33	9.812E+02	-4.243E+03	-2.145E+02	2.619E-17	9.112E-18	1.571E+00	9.900E+02	-4.251E+03	-4.098E-02
27	4	8	6.958E-17	-2.290E-17	5.662E-33	9.675E+02	-4.277E+03	-2.307E+02	6.958E-17	-2.290E-17	0.000E+00	9.777E+02	-4.287E+03	-4.388E-02
27	4	9	-6.958E-17	2.290E-17	-5.662E-33	1.867E+03	-2.270E+03	-6.038E+02	2.290E-17	-6.958E-17	1.571E+00	1.953E+03	-2.356E+03	-1.420E-01
27	4	10	-9.112E-18	-2.619E-17	1.046E-33	1.853E+03	-2.304E+03	-6.199E+02	-9.112E-18	-2.619E-17	0.000E+00	1.944E+03	-2.395E+03	-1.449E-01
27	4	11	-6.958E-17	2.290E-17	-5.662E-33	1.295E+03	-4.915E+03	-5.321E+02	2.290E-17	-6.958E-17	1.571E+00	1.340E+03	-4.960E+03	-8.487E-02
27	4	12	-9.112E-18	-2.619E-17	1.046E-33	1.281E+03	-4.949E+03	-5.483E+02	-9.112E-18	-2.619E-17	0.000E+00	1.329E+03	-4.997E+03	-8.711E-02
27	4	13	9.112E-18	2.619E-17	-1.046E-33	1.900E+03	-2.332E+03	-6.019E+02	2.619E-17	9.112E-18	1.571E+00	1.984E+03	-2.416E+03	-1.386E-01
27	4	14	6.958E-17	-2.290E-17	5.662E-33	1.886E+03	-2.367E+03	-6.181E+02	6.958E-17	-2.290E-17	0.000E+00	1.974E+03	-2.455E+03	-1.414E-01
27	4	15	9.112E-18	2.619E-17	-1.046E-33	1.327E+03	-4.977E+03	-5.302E+02	2.619E-17	9.112E-18	1.571E+00	1.372E+03	-5.021E+03	-8.332E-02
27	4	16	6.958E-17	-2.290E-17	5.662E-33	1.314E+03	-5.011E+03	-5.464E+02	6.958E-17	-2.290E-17	0.000E+00	1.361E+03	-5.058E+03	-8.554E-02
28	1	1	-4.936E-18	-3.291E-17	-1.345E-16	-1.643E+02	-6.508E+02	3.085E+00	1.163E-16	-1.542E-16	0.000E+00	-1.643E+02	-6.509E+02	6.341E-03
28	1	2	-2.938E-18	-1.959E-17	-1.746E-16	-1.657E+02	-6.519E+02	1.667E+01	1.635E-16	-1.860E-16	0.000E+00	-1.651E+02	-6.524E+02	3.423E-02
28	1	3	-4.936E-18	-3.291E-17	-1.345E-16	-6.896E+02	-3.822E+02	2.290E+01	1.163E-16	-1.542E-16	0.000E+00	-3.805E+02	-6.913E+02	1.497E+00
28	1	4	-2.938E-18	-1.959E-17	-1.746E-16	-6.910E+02	-3.833E+02	3.649E+01	1.635E-16	-1.860E-16	0.000E+00	-3.790E+02	-6.952E+02	1.454E+00
28	1	5	2.938E-18	1.959E-17	1.746E-16	-1.609E+02	-6.251E+02	1.357E+01	1.860E-16	-1.635E-16	1.571E+00	-1.605E+02	-6.255E+02	2.920E-02
28	1	6	4.936E-18	3.291E-17	1.345E-16	-1.622E+02	-6.262E+02	2.716E+01	1.542E-16	-1.163E-16	1.571E+00	-1.606E+02	-6.278E+02	5.827E-02
28	1	7	2.938E-18	1.959E-17	1.746E-16	-6.862E+02	-3.565E+02	3.339E+01	1.860E-16	-1.635E-16	1.571E+00	-3.532E+02	-6.895E+02	1.471E+00
28	1	8	4.936E-18	3.291E-17	1.345E-16	-6.875E+02	-3.576E+02	4.698E+01	1.542E-16	-1.163E-16	1.571E+00	-3.510E+02	-6.941E+02	1.432E+00
28	1	9	-4.936E-18	-3.291E-17	-1.345E-16	-1.295E+02	-4.961E+02	2.680E+02	1.163E-16	-1.542E-16	0.000E+00	1.187E+01	-6.375E+02	4.854E-01

28	1	10	-2.938E-18	-1.959E-17	-1.746E-16	-1.308E+02	-4.971E+02	2.816E+02	1.635E-16	-1.860E-16	0.000E+00	2.190E+01	-6.499E+02	4.970E-01
28	1	11	-4.936E-18	-3.291E-17	-1.345E-16	-6.548E+02	-2.275E+02	2.878E+02	1.163E-16	-1.542E-16	0.000E+00	-8.272E+01	-7.996E+02	1.105E+00
28	1	12	-2.938E-18	-1.959E-17	-1.746E-16	-6.561E+02	-2.285E+02	3.014E+02	1.635E-16	-1.860E-16	0.000E+00	-7.282E+01	-8.118E+02	1.094E+00
28	1	13	2.938E-18	1.959E-17	1.746E-16	-1.260E+02	-4.704E+02	2.785E+02	1.860E-16	-1.635E-16	1.571E+00	2.918E+01	-6.256E+02	5.085E-01
28	1	14	4.936E-18	3.291E-17	1.345E-16	-1.274E+02	-4.714E+02	2.921E+02	1.542E-16	-1.163E-16	1.571E+00	3.954E+01	-6.384E+02	5.192E-01
28	1	15	2.938E-18	1.959E-17	1.746E-16	-6.513E+02	-2.018E+02	2.983E+02	1.860E-16	-1.635E-16	1.571E+00	-5.308E+01	-8.000E+02	1.108E+00
28	1	16	4.936E-18	3.291E-17	1.345E-16	-6.527E+02	-2.028E+02	3.119E+02	1.542E-16	-1.163E-16	1.571E+00	-4.324E+01	-8.123E+02	1.098E+00
28	2	1	-2.025E-16	1.405E-16	2.100E-32	-7.875E+01	1.166E+02	2.012E+02	1.405E-16	-2.025E-16	1.571E+00	2.426E+02	-2.047E+02	1.011E+00
28	2	2	-1.191E-16	1.303E-16	1.527E-32	-8.054E+01	1.093E+02	2.139E+02	1.303E-16	-1.191E-16	1.571E+00	2.484E+02	-2.197E+02	9.942E-01
28	2	3	-2.025E-16	1.405E-16	2.100E-32	-1.864E+02	1.879E+02	1.290E+02	1.405E-16	-2.025E-16	1.571E+00	2.281E+02	-2.266E+02	1.269E+00
28	2	4	-1.191E-16	1.303E-16	1.527E-32	-1.882E+02	1.807E+02	1.417E+02	1.303E-16	-1.191E-16	1.571E+00	2.288E+02	-2.364E+02	1.243E+00
28	2	5	1.191E-16	-1.303E-16	-1.527E-32	-8.711E+01	1.352E+02	2.070E+02	1.191E-16	-1.303E-16	0.000E+00	2.590E+02	-2.109E+02	1.032E+00
28	2	6	2.025E-16	-1.405E-16	-2.100E-32	-8.890E+01	1.279E+02	2.197E+02	2.025E-16	-1.405E-16	0.000E+00	2.645E+02	-2.255E+02	1.015E+00
28	2	7	1.191E-16	-1.303E-16	-1.527E-32	-1.948E+02	2.065E+02	1.348E+02	1.191E-16	-1.303E-16	0.000E+00	2.476E+02	-2.358E+02	1.275E+00
28	2	8	2.025E-16	-1.405E-16	-2.100E-32	-1.966E+02	1.992E+02	1.475E+02	2.025E-16	-1.405E-16	0.000E+00	2.482E+02	-2.455E+02	1.251E+00
28	2	9	-2.025E-16	1.405E-16	2.100E-32	-1.362E+02	3.045E+02	4.471E+02	1.405E-16	-2.025E-16	1.571E+00	5.825E+02	-4.143E+02	1.014E+00
28	2	10	-1.191E-16	1.303E-16	1.527E-32	-1.380E+02	2.972E+02	4.598E+02	1.303E-16	-1.191E-16	1.571E+00	5.883E+02	-4.291E+02	1.006E+00
28	2	11	-2.025E-16	1.405E-16	2.100E-32	-2.439E+02	3.758E+02	3.748E+02	1.405E-16	-2.025E-16	1.571E+00	5.523E+02	-4.204E+02	1.131E+00
28	2	12	-1.191E-16	1.303E-16	1.527E-32	-2.457E+02	3.685E+02	3.876E+02	1.303E-16	-1.191E-16	1.571E+00	5.559E+02	-4.331E+02	1.120E+00
28	2	13	1.191E-16	-1.303E-16	-1.527E-32	-1.446E+02	3.231E+02	4.529E+02	1.191E-16	-1.303E-16	0.000E+00	5.989E+02	-4.204E+02	1.024E+00
28	2	14	2.025E-16	-1.405E-16	-2.100E-32	-1.464E+02	3.158E+02	4.656E+02	2.025E-16	-1.405E-16	0.000E+00	6.045E+02	-4.351E+02	1.016E+00
28	2	15	1.191E-16	-1.303E-16	-1.527E-32	-2.523E+02	3.944E+02	3.806E+02	1.191E-16	-1.303E-16	0.000E+00	5.705E+02	-4.284E+02	1.137E+00
28	2	16	2.025E-16	-1.405E-16	-2.100E-32	-2.540E+02	3.871E+02	3.934E+02	2.025E-16	-1.405E-16	0.000E+00	5.740E+02	-4.409E+02	1.127E+00
28	3	1	1.300E-16	-2.258E-16	-4.356E-32	-8.447E+02	7.714E+02	-1.867E+02	1.300E-16	-2.258E-16	0.000E+00	7.927E+02	-8.659E+02	1.684E+00
28	3	2	1.236E-16	-8.816E-17	-2.593E-32	-8.513E+02	7.593E+02	-1.755E+02	1.236E-16	-8.816E-17	0.000E+00	7.782E+02	-8.702E+02	1.678E+00
28	3	3	1.300E-16	-2.258E-16	-4.356E-32	-1.309E+03	5.693E+02	-2.614E+02	1.300E-16	-2.258E-16	0.000E+00	6.050E+02	-1.345E+03	1.707E+00
28	3	4	1.236E-16	-8.816E-17	-2.593E-32	-1.316E+03	5.572E+02	-2.502E+02	1.236E-16	-8.816E-17	0.000E+00	5.901E+02	-1.348E+03	1.701E+00
28	3	5	-1.236E-16	8.816E-17	2.593E-32	-8.544E+02	7.918E+02	-1.869E+02	8.816E-17	-1.236E-16	1.571E+00	8.128E+02	-8.753E+02	1.682E+00
28	3	6	-1.300E-16	2.258E-16	4.356E-32	-8.610E+02	7.797E+02	-1.757E+02	2.258E-16	-1.300E-16	1.571E+00	7.983E+02	-8.796E+02	1.676E+00
28	3	7	-1.236E-16	8.816E-17	2.593E-32	-1.319E+03	5.898E+02	-2.616E+02	8.816E-17	-1.236E-16	1.571E+00	6.250E+02	-1.354E+03	1.705E+00
28	3	8	-1.300E-16	2.258E-16	4.356E-32	-1.325E+03	5.777E+02	-2.504E+02	2.258E-16	-1.300E-16	1.571E+00	6.101E+02	-1.358E+03	1.699E+00
28	3	9	1.300E-16	-2.258E-16	-4.356E-32	-9.808E+02	1.047E+03	3.053E+01	1.300E-16	-2.258E-16	0.000E+00	1.048E+03	-9.812E+02	1.556E+00
28	3	10	1.236E-16	-8.816E-17	-2.593E-32	-9.874E+02	1.035E+03	4.171E+01	1.236E-16	-8.816E-17	0.000E+00	1.036E+03	-9.883E+02	1.550E+00
28	3	11	1.300E-16	-2.258E-16	-4.356E-32	-1.445E+03	8.454E+02	-4.419E+01	1.300E-16	-2.258E-16	0.000E+00	8.462E+02	-1.446E+03	1.590E+00
28	3	12	1.236E-16	-8.816E-17	-2.593E-32	-1.452E+03	8.333E+02	-3.300E+01	1.236E-16	-8.816E-17	0.000E+00	8.338E+02	-1.452E+03	1.585E+00
28	3	13	-1.236E-16	8.816E-17	2.593E-32	-9.905E+02	1.068E+03	3.033E+01	8.816E-17	-1.236E-16	1.571E+00	1.068E+03	-9.909E+02	1.556E+00
28	3	14	-1.300E-16	2.258E-16	4.356E-32	-9.971E+02	1.056E+03	4.152E+01	2.258E-16	-1.300E-16	1.571E+00	1.057E+03	-9.979E+02	1.551E+00
28	3	15	-1.236E-16	8.816E-17	2.593E-32	-1.455E+03	8.658E+02	-4.438E+01	8.816E-17	-1.236E-16	1.571E+00	8.666E+02	-1.456E+03	1.590E+00
28	3	16	-1.300E-16	2.258E-16	4.356E-32	-1.461E+03	8.537E+02	-3.320E+01	2.258E-16	-1.300E-16	1.571E+00	8.542E+02	-1.462E+03	1.585E+00
28	4	1	-2.097E-16	1.381E-16	-2.129E-32	-7.645E+02	7.255E+00	3.561E+02	1.381E-16	-2.097E-16	1.571E+00	1.464E+02	-9.037E+02	1.198E+00
28	4	2	-1.232E-16	1.248E-16	-1.518E-32	-7.695E+02	1.286E+00	3.708E+02	1.248E-16	-1.232E-16	1.571E+00	1.507E+02	-9.189E+02	1.188E+00
28	4	3	-2.097E-16	1.381E-16	-2.129E-32	-1.638E+03	1.659E+00	2.823E+02	1.381E-16	-2.097E-16	1.571E+00	4.889E+01	-1.685E+03	1.405E+00
28	4	4	-1.232E-16	1.248E-16	-1.518E-32	-1.643E+03	-4.311E+00	2.969E+02	1.248E-16	-1.232E-16	1.571E+00	4.783E+01	-1.695E+03	1.397E+00

28	4	5	1.232E-16	-1.248E-16	1.518E-32	-7.639E+02	3.493E+01	3.660E+02	1.232E-16	-1.248E-16	0.000E+00	1.772E+02	-9.062E+02	1.200E+00
28	4	6	2.097E-16	-1.381E-16	2.129E-32	-7.689E+02	2.896E+01	3.806E+02	2.097E-16	-1.381E-16	0.000E+00	1.814E+02	-9.213E+02	1.190E+00
28	4	7	1.232E-16	-1.248E-16	1.518E-32	-1.638E+03	2.933E+01	2.921E+02	1.232E-16	-1.248E-16	0.000E+00	7.905E+01	-1.687E+03	1.402E+00
28	4	8	2.097E-16	-1.381E-16	2.129E-32	-1.642E+03	2.336E+01	3.068E+02	2.097E-16	-1.381E-16	0.000E+00	7.806E+01	-1.697E+03	1.394E+00
28	4	9	-2.097E-16	1.381E-16	-2.129E-32	-8.623E+02	2.168E+02	6.410E+02	1.381E-16	-2.097E-16	1.571E+00	5.152E+02	-1.161E+03	1.135E+00
28	4	10	-1.232E-16	1.248E-16	-1.518E-32	-8.673E+02	2.109E+02	6.557E+02	1.248E-16	-1.232E-16	1.571E+00	5.207E+02	-1.177E+03	1.129E+00
28	4	11	-2.097E-16	1.381E-16	-2.129E-32	-1.736E+03	2.113E+02	5.672E+02	1.381E-16	-2.097E-16	1.571E+00	3.644E+02	-1.889E+03	1.307E+00
28	4	12	-1.232E-16	1.248E-16	-1.518E-32	-1.741E+03	2.053E+02	5.819E+02	1.248E-16	-1.232E-16	1.571E+00	3.660E+02	-1.902E+03	1.301E+00
28	4	13	1.232E-16	-1.248E-16	1.518E-32	-8.617E+02	2.445E+02	6.509E+02	1.232E-16	-1.248E-16	0.000E+00	5.456E+02	-1.163E+03	1.138E+00
28	4	14	2.097E-16	-1.381E-16	2.129E-32	-8.666E+02	2.386E+02	6.656E+02	2.097E-16	-1.381E-16	0.000E+00	5.510E+02	-1.179E+03	1.132E+00
28	4	15	1.232E-16	-1.248E-16	1.518E-32	-1.735E+03	2.389E+02	5.771E+02	1.232E-16	-1.248E-16	0.000E+00	3.952E+02	-1.892E+03	1.306E+00
28	4	16	2.097E-16	-1.381E-16	2.129E-32	-1.740E+03	2.330E+02	5.917E+02	2.097E-16	-1.381E-16	0.000E+00	3.968E+02	-1.904E+03	1.301E+00
29	1	1	2.174E-13	1.450E-12	6.616E-14	2.497E+03	2.026E+02	-1.862E+03	1.453E-12	2.139E-13	1.571E+00	3.537E+03	-8.368E+02	-5.092E-01
29	1	2	2.129E-13	1.420E-12	6.247E-14	2.531E+03	2.214E+02	-1.848E+03	1.423E-12	2.097E-13	1.571E+00	3.555E+03	-8.028E+02	-5.061E-01
29	1	3	-5.995E-14	-3.994E-13	-1.595E-13	3.691E+03	1.085E+03	-1.710E+02	3.260E-15	-4.626E-13	0.000E+00	3.702E+03	1.074E+03	-6.523E-02
29	1	4	-6.444E-14	-4.293E-13	-1.632E-13	3.725E+03	1.104E+03	-1.573E+02	-2.090E-15	-4.917E-13	0.000E+00	3.734E+03	1.095E+03	-5.972E-02
29	1	5	2.091E-13	1.394E-12	8.159E-14	2.494E+03	2.586E+02	-1.789E+03	1.399E-12	2.035E-13	1.571E+00	3.485E+03	-7.331E+02	-5.062E-01
29	1	6	2.046E-13	1.364E-12	7.791E-14	2.527E+03	2.774E+02	-1.775E+03	1.369E-12	1.994E-13	1.571E+00	3.504E+03	-6.992E+02	-5.030E-01
29	1	7	-6.826E-14	-4.553E-13	-1.441E-13	3.688E+03	1.141E+03	-9.828E+01	-2.052E-14	-5.031E-13	0.000E+00	3.691E+03	1.137E+03	-3.852E-02
29	1	8	-7.275E-14	-4.853E-13	-1.478E-13	3.721E+03	1.160E+03	-8.458E+01	-2.529E-14	-5.328E-13	0.000E+00	3.724E+03	1.157E+03	-3.298E-02
29	1	9	1.210E-13	8.069E-13	1.845E-13	3.156E+03	6.755E+02	-1.373E+03	8.534E-13	7.452E-14	1.571E+00	3.766E+03	6.571E+01	-4.180E-01
29	1	10	1.165E-13	7.770E-13	1.808E-13	3.190E+03	6.944E+02	-1.359E+03	8.233E-13	7.024E-14	1.571E+00	3.787E+03	9.712E+01	-4.140E-01
29	1	11	-1.564E-13	-1.042E-12	-4.116E-14	4.350E+03	1.558E+03	3.178E+02	-1.545E-13	-1.044E-12	0.000E+00	4.386E+03	1.522E+03	1.119E-01
29	1	12	-1.609E-13	-1.072E-12	-4.485E-14	4.384E+03	1.577E+03	3.315E+02	-1.587E-13	-1.074E-12	0.000E+00	4.422E+03	1.538E+03	1.160E-01
29	1	13	1.127E-13	7.510E-13	2.000E-13	3.153E+03	7.315E+02	-1.300E+03	8.084E-13	5.522E-14	1.571E+00	3.718E+03	1.656E+02	-4.105E-01
29	1	14	1.082E-13	7.210E-13	1.963E-13	3.186E+03	7.503E+02	-1.286E+03	7.785E-13	5.072E-14	1.571E+00	3.740E+03	1.968E+02	-4.064E-01
29	1	15	-1.647E-13	-1.098E-12	-2.572E-14	4.346E+03	1.614E+03	3.905E+02	-1.640E-13	-1.099E-12	0.000E+00	4.401E+03	1.559E+03	1.392E-01
29	1	16	-1.692E-13	-1.128E-12	-2.941E-14	4.380E+03	1.633E+03	4.042E+02	-1.683E-13	-1.129E-12	0.000E+00	4.438E+03	1.575E+03	1.431E-01
29	2	1	1.391E-13	3.028E-12	1.739E-28	5.228E+03	5.164E+02	-3.492E+02	3.028E-12	1.391E-13	1.571E+00	5.254E+03	4.906E+02	-7.358E-02
29	2	2	1.322E-13	2.969E-12	1.707E-28	5.297E+03	5.508E+02	-3.631E+02	2.969E-12	1.322E-13	1.571E+00	5.325E+03	5.231E+02	-7.591E-02
29	2	3	-2.876E-13	-6.604E-13	-2.586E-29	8.381E+03	3.423E+03	5.160E+02	-2.876E-13	-6.604E-13	0.000E+00	8.434E+03	3.370E+03	1.026E-01
29	2	4	-2.945E-13	-7.198E-13	-2.907E-29	8.450E+03	3.458E+03	5.021E+02	-2.945E-13	-7.198E-13	0.000E+00	8.500E+03	3.408E+03	9.924E-02
29	2	5	1.479E-13	2.893E-12	1.651E-28	5.236E+03	6.405E+02	-3.538E+02	2.893E-12	1.479E-13	1.571E+00	5.264E+03	6.134E+02	-7.638E-02
29	2	6	1.410E-13	2.834E-12	1.619E-28	5.306E+03	6.749E+02	-3.677E+02	2.834E-12	1.410E-13	1.571E+00	5.335E+03	6.459E+02	-7.875E-02
29	2	7	-2.788E-13	-7.950E-13	-3.464E-29	8.390E+03	3.547E+03	5.114E+02	-2.788E-13	-7.950E-13	0.000E+00	8.443E+03	3.494E+03	1.041E-01
29	2	8	-2.857E-13	-8.544E-13	-3.785E-29	8.459E+03	3.582E+03	4.975E+02	-2.857E-13	-8.544E-13	0.000E+00	8.509E+03	3.532E+03	1.006E-01
29	2	9	3.590E-13	1.497E-12	7.271E-29	6.571E+03	1.467E+03	-6.323E+02	1.497E-12	3.590E-13	1.571E+00	6.648E+03	1.390E+03	-1.214E-01
29	2	10	3.521E-13	1.438E-12	6.949E-29	6.640E+03	1.502E+03	-6.462E+02	1.438E-12	3.521E-13	1.571E+00	6.720E+03	1.422E+03	-1.232E-01
29	2	11	-6.763E-14	-2.191E-12	-1.270E-28	9.724E+03	4.374E+03	2.329E+02	-6.763E-14	-2.191E-12	0.000E+00	9.735E+03	4.364E+03	4.342E-02
29	2	12	-7.453E-14	-2.251E-12	-1.302E-28	9.793E+03	4.409E+03	2.190E+02	-7.453E-14	-2.251E-12	0.000E+00	9.802E+03	4.400E+03	4.058E-02
29	2	13	3.678E-13	1.362E-12	6.393E-29	6.580E+03	1.592E+03	-6.369E+02	1.362E-12	3.678E-13	1.571E+00	6.660E+03	1.511E+03	-1.250E-01
29	2	14	3.609E-13	1.303E-12	6.071E-29	6.649E+03	1.626E+03	-6.508E+02	1.303E-12	3.609E-13	1.571E+00	6.732E+03	1.543E+03	-1.268E-01
29	2	15	-5.881E-14	-2.326E-12	-1.358E-28	9.733E+03	4.498E+03	2.283E+02	-5.881E-14	-2.326E-12	0.000E+00	9.743E+03	4.489E+03	4.351E-02

29	2	16	-6.572E-14	-2.385E-12	-1.390E-28	9.802E+03	4.533E+03	2.144E+02	-6.572E-14	-2.385E-12	0.000E+00	9.810E+03	4.524E+03	4.060E-02
29	3	1	1.530E-12	6.148E-14	-1.748E-28	3.207E+03	1.400E+03	-1.113E+03	1.530E-12	6.148E-14	0.000E+00	3.737E+03	8.695E+02	-4.445E-01
29	3	2	1.500E-12	5.706E-14	-1.716E-28	3.227E+03	1.385E+03	-1.078E+03	1.500E-12	5.706E-14	0.000E+00	3.724E+03	8.881E+02	-4.317E-01
29	3	3	-3.308E-13	-2.081E-13	2.011E-29	3.971E+03	1.067E+03	1.959E+03	-2.081E-13	-3.308E-13	1.571E+00	4.957E+03	8.119E+01	4.664E-01
29	3	4	-3.609E-13	-2.125E-13	2.325E-29	3.992E+03	1.052E+03	1.994E+03	-2.125E-13	-3.609E-13	1.571E+00	5.000E+03	4.471E+01	4.678E-01
29	3	5	1.460E-12	7.952E-14	-1.640E-28	3.173E+03	1.358E+03	-1.001E+03	1.460E-12	7.952E-14	0.000E+00	3.616E+03	9.140E+02	-4.171E-01
29	3	6	1.430E-12	7.509E-14	-1.608E-28	3.193E+03	1.342E+03	-9.654E+02	1.430E-12	7.509E-14	0.000E+00	3.605E+03	9.305E+02	-4.032E-01
29	3	7	-4.007E-13	-1.900E-13	3.088E-29	3.937E+03	1.025E+03	2.071E+03	-1.900E-13	-4.007E-13	1.571E+00	5.013E+03	-5.032E+01	4.790E-01
29	3	8	-4.309E-13	-1.944E-13	3.403E-29	3.958E+03	1.010E+03	2.106E+03	-1.944E-13	-4.309E-13	1.571E+00	5.055E+03	-8.695E+01	4.801E-01
29	3	9	7.553E-13	2.391E-13	-6.830E-29	2.739E+03	1.029E+03	-1.931E+02	7.553E-13	2.391E-13	0.000E+00	2.761E+03	1.007E+03	-1.110E-01
29	3	10	7.252E-13	2.347E-13	-6.515E-29	2.760E+03	1.013E+03	-1.575E+02	7.252E-13	2.347E-13	0.000E+00	2.774E+03	9.993E+02	-8.923E-02
29	3	11	-1.105E-12	-3.045E-14	1.266E-28	3.504E+03	6.962E+02	2.879E+03	-3.045E-14	-1.105E-12	1.571E+00	5.303E+03	-1.103E+03	5.585E-01
29	3	12	-1.136E-12	-3.487E-14	1.297E-28	3.525E+03	6.810E+02	2.914E+03	-3.487E-14	-1.136E-12	1.571E+00	5.345E+03	-1.140E+03	5.584E-01
29	3	13	6.854E-13	2.571E-13	-5.752E-29	2.705E+03	9.864E+02	-8.078E+01	6.854E-13	2.571E-13	0.000E+00	2.709E+03	9.827E+02	-4.686E-02
29	3	14	6.553E-13	2.527E-13	-5.437E-29	2.726E+03	9.713E+02	-4.524E+01	6.553E-13	2.527E-13	0.000E+00	2.727E+03	9.701E+02	-2.576E-02
29	3	15	-1.175E-12	-1.241E-14	1.373E-28	3.470E+03	6.540E+02	2.991E+03	-1.241E-14	-1.175E-12	1.571E+00	5.368E+03	-1.244E+03	5.654E-01
29	3	16	-1.206E-12	-1.684E-14	1.405E-28	3.491E+03	6.389E+02	3.027E+03	-1.684E-14	-1.206E-12	1.571E+00	5.410E+03	-1.281E+03	5.653E-01
29	4	1	-1.254E-13	2.054E-13	-1.981E-29	1.087E+02	1.289E+03	-3.953E+02	2.054E-13	-1.254E-13	1.571E+00	1.409E+03	-1.146E+01	1.866E+00
29	4	2	-1.237E-13	2.011E-13	-1.944E-29	9.412E+01	1.259E+03	-4.052E+02	2.011E-13	-1.237E-13	1.571E+00	1.386E+03	-3.292E+01	1.875E+00
29	4	3	-6.474E-15	-5.519E-14	3.426E-30	-1.078E+03	-9.875E+02	1.216E+03	-6.474E-15	-5.519E-14	0.000E+00	1.842E+02	-2.250E+03	8.040E-01
29	4	4	-4.782E-15	-5.953E-14	3.796E-30	-1.093E+03	-1.017E+03	1.206E+03	-4.782E-15	-5.953E-14	0.000E+00	1.519E+02	-2.262E+03	8.010E-01
29	4	5	-1.143E-13	2.040E-13	-1.905E-29	6.296E+01	1.181E+03	-4.382E+02	2.040E-13	-1.143E-13	1.571E+00	1.332E+03	-8.833E+01	1.903E+00
29	4	6	-1.126E-13	1.996E-13	-1.868E-29	4.839E+01	1.151E+03	-4.481E+02	1.996E-13	-1.126E-13	1.571E+00	1.310E+03	-1.107E+02	1.912E+00
29	4	7	4.569E-15	-5.667E-14	4.193E-30	-1.124E+03	-1.096E+03	1.173E+03	4.569E-15	-5.667E-14	0.000E+00	6.367E+01	-2.283E+03	7.914E-01
29	4	8	6.262E-15	-6.101E-14	4.563E-30	-1.138E+03	-1.125E+03	1.163E+03	6.262E-15	-6.101E-14	0.000E+00	3.154E+01	-2.295E+03	7.882E-01
29	4	9	-2.760E-14	1.054E-13	-8.588E-30	-2.673E+02	4.614E+02	-6.558E+02	1.054E-13	-2.760E-14	1.571E+00	8.473E+02	-6.531E+02	2.103E+00
29	4	10	-2.590E-14	1.011E-13	-8.219E-30	-2.819E+02	4.316E+02	-6.657E+02	1.011E-13	-2.590E-14	1.571E+00	8.301E+02	-6.803E+02	2.110E+00
29	4	11	9.130E-14	-1.552E-13	1.465E-29	-1.454E+03	-1.815E+03	9.557E+02	9.130E-14	-1.552E-13	0.000E+00	-6.620E+02	-2.607E+03	6.920E-01
29	4	12	9.300E-14	-1.595E-13	1.502E-29	-1.469E+03	-1.845E+03	9.458E+02	9.300E-14	-1.595E-13	0.000E+00	-6.924E+02	-2.621E+03	6.872E-01
29	4	13	-1.655E-14	1.039E-13	-7.822E-30	-3.130E+02	3.533E+02	-6.987E+02	1.039E-13	-1.655E-14	1.571E+00	7.942E+02	-7.539E+02	2.134E+00
29	4	14	-1.486E-14	9.960E-14	-7.452E-30	-3.276E+02	3.235E+02	-7.086E+02	9.960E-14	-1.486E-14	1.571E+00	7.777E+02	-7.818E+02	2.141E+00
29	4	15	1.023E-13	-1.567E-13	1.542E-29	-1.500E+03	-1.923E+03	9.128E+02	1.023E-13	-1.567E-13	0.000E+00	-7.745E+02	-2.649E+03	6.714E-01
29	4	16	1.040E-13	-1.610E-13	1.579E-29	-1.514E+03	-1.953E+03	9.029E+02	1.040E-13	-1.610E-13	0.000E+00	-8.045E+02	-2.663E+03	6.662E-01
30	1	1	-1.473E-13	-5.072E-13	2.098E-13	3.514E+03	4.753E+03	9.209E+01	-5.085E-14	-6.036E-13	0.000E+00	4.760E+03	3.507E+03	1.497E+00
30	1	2	-1.459E-13	-4.969E-13	2.059E-13	3.525E+03	4.680E+03	1.107E+02	-5.085E-14	-5.920E-13	0.000E+00	4.690E+03	3.514E+03	1.476E+00
30	1	3	-5.768E-14	1.394E-13	-3.114E-14	3.490E+03	-3.448E+02	2.244E+03	1.442E-13	-6.248E-14	1.571E+00	4.525E+03	-1.379E+03	4.319E-01
30	1	4	-5.633E-14	1.497E-13	-3.498E-14	3.501E+03	-4.180E+02	2.263E+03	1.555E-13	-6.210E-14	1.571E+00	4.535E+03	-1.452E+03	4.286E-01
30	1	5	-1.202E-13	-4.873E-13	1.938E-13	3.453E+03	4.532E+03	1.529E+02	-3.681E-14	-5.707E-13	0.000E+00	4.554E+03	3.432E+03	1.433E+00
30	1	6	-1.188E-13	-4.770E-13	1.900E-13	3.464E+03	4.459E+03	1.715E+02	-3.684E-14	-5.590E-13	0.000E+00	4.488E+03	3.435E+03	1.405E+00
30	1	7	-3.057E-14	1.592E-13	-4.711E-14	3.429E+03	-5.653E+02	2.305E+03	1.703E-13	-4.162E-14	1.571E+00	4.482E+03	-1.618E+03	4.284E-01
30	1	8	-2.921E-14	1.695E-13	-5.095E-14	3.440E+03	-6.384E+02	2.324E+03	1.818E-13	-4.151E-14	1.571E+00	4.492E+03	-1.691E+03	4.252E-01
30	1	9	1.084E-14	-2.820E-13	9.387E-14	3.078E+03	2.900E+03	5.817E+02	3.835E-14	-3.095E-13	0.000E+00	3.578E+03	2.401E+03	7.093E-01
30	1	10	1.220E-14	-2.717E-13	9.003E-14	3.089E+03	2.827E+03	6.003E+02	3.834E-14	-2.979E-13	0.000E+00	3.572E+03	2.344E+03	6.778E-01

30	1	11	1.004E-13	3.646E-13	-1.470E-13	3.055E+03	-2.198E+03	2.734E+03	4.301E-13	3.487E-14	1.571E+00	4.219E+03	-3.362E+03	4.027E-01
30	1	12	1.018E-13	3.749E-13	-1.509E-13	3.065E+03	-2.271E+03	2.752E+03	4.418E-13	3.485E-14	1.571E+00	4.231E+03	-3.436E+03	4.005E-01
30	1	13	3.796E-14	-2.622E-13	7.790E-14	3.017E+03	2.680E+03	6.425E+02	5.697E-14	-2.812E-13	0.000E+00	3.513E+03	2.184E+03	6.569E-01
30	1	14	3.931E-14	-2.519E-13	7.406E-14	3.028E+03	2.606E+03	6.611E+02	5.706E-14	-2.696E-13	0.000E+00	3.511E+03	2.123E+03	6.310E-01
30	1	15	1.276E-13	3.844E-13	-1.630E-13	2.993E+03	-2.418E+03	2.795E+03	4.635E-13	4.846E-14	1.571E+00	4.178E+03	-3.602E+03	4.008E-01
30	1	16	1.289E-13	3.947E-13	-1.669E-13	3.004E+03	-2.491E+03	2.813E+03	4.751E-13	4.850E-14	1.571E+00	4.189E+03	-3.676E+03	3.986E-01
30	2	1	-1.078E-12	5.348E-14	6.902E-29	5.730E+03	4.144E+03	-8.744E+02	5.348E-14	-1.078E-12	1.571E+00	6.118E+03	3.756E+03	-4.169E-01
30	2	2	-1.058E-12	5.306E-14	6.773E-29	5.726E+03	4.037E+03	-8.928E+02	5.306E-14	-1.058E-12	1.571E+00	6.111E+03	3.653E+03	-4.066E-01
30	2	3	2.093E-13	2.986E-14	-1.126E-29	4.951E+03	-3.317E+03	-6.972E+02	2.093E-13	2.986E-14	0.000E+00	5.009E+03	-3.375E+03	-8.354E-02
30	2	4	2.298E-13	2.945E-14	-1.254E-29	4.947E+03	-3.423E+03	-7.156E+02	2.298E-13	2.945E-14	0.000E+00	5.007E+03	-3.484E+03	-8.468E-02
30	2	5	-1.024E-12	5.665E-14	6.587E-29	5.640E+03	3.912E+03	-8.486E+02	5.665E-14	-1.024E-12	1.571E+00	5.987E+03	3.565E+03	-3.882E-01
30	2	6	-1.003E-12	5.623E-14	6.459E-29	5.635E+03	3.806E+03	-8.670E+02	5.623E-14	-1.003E-12	1.571E+00	5.981E+03	3.460E+03	-3.793E-01
30	2	7	2.638E-13	3.303E-14	-1.440E-29	4.860E+03	-3.548E+03	-6.714E+02	2.638E-13	3.303E-14	0.000E+00	4.913E+03	-3.602E+03	-7.918E-02
30	2	8	2.843E-13	3.261E-14	-1.568E-29	4.856E+03	-3.655E+03	-6.898E+02	2.843E-13	3.261E-14	0.000E+00	4.911E+03	-3.710E+03	-8.036E-02
30	2	9	-5.096E-13	-2.938E-14	2.967E-29	5.189E+03	1.754E+03	-4.714E+02	-2.938E-13	-5.096E-13	1.571E+00	5.253E+03	1.691E+03	-1.339E-01
30	2	10	-4.890E-13	-2.980E-14	2.839E-29	5.185E+03	1.648E+03	-4.898E+02	-2.980E-13	-4.890E-13	1.571E+00	5.252E+03	1.582E+03	-1.351E-01
30	2	11	7.779E-13	-5.300E-14	-5.060E-29	4.410E+03	-5.706E+03	-2.942E+02	7.779E-13	-5.300E-14	0.000E+00	4.418E+03	-5.714E+03	-2.905E-02
30	2	12	7.984E-13	-5.342E-14	-5.188E-29	4.405E+03	-5.812E+03	-3.126E+02	7.984E-13	-5.342E-14	0.000E+00	4.415E+03	-5.822E+03	-3.056E-02
30	2	13	-4.551E-13	-2.622E-14	2.653E-29	5.099E+03	1.523E+03	-4.457E+02	-2.622E-14	-4.551E-13	1.571E+00	5.153E+03	1.468E+03	-1.221E-01
30	2	14	-4.345E-13	-2.663E-14	2.525E-29	5.094E+03	1.416E+03	-4.641E+02	-2.663E-14	-4.345E-13	1.571E+00	5.152E+03	1.359E+03	-1.236E-01
30	2	15	8.324E-13	-4.983E-14	-5.375E-29	4.319E+03	-5.938E+03	-2.685E+02	8.324E-13	-4.983E-14	0.000E+00	4.326E+03	-5.945E+03	-2.615E-02
30	2	16	8.529E-13	-5.025E-14	-5.503E-29	4.315E+03	-6.044E+03	-2.869E+02	8.529E-13	-5.025E-14	0.000E+00	4.323E+03	-6.052E+03	-2.767E-02
30	3	1	-2.810E-14	-5.674E-13	-6.551E-29	2.084E+03	-2.735E+02	1.443E+03	-2.810E-14	-5.674E-13	0.000E+00	2.769E+03	-9.581E+02	4.429E-01
30	3	2	-2.696E-14	-5.568E-13	-6.434E-29	2.077E+03	-3.279E+02	1.436E+03	-2.696E-14	-5.568E-13	0.000E+00	2.747E+03	-9.982E+02	4.368E-01
30	3	3	4.391E-14	1.012E-13	7.559E-30	1.599E+03	-4.153E+03	1.812E+03	1.012E-13	4.391E-14	1.571E+00	2.122E+03	-4.676E+03	2.811E-01
30	3	4	4.506E-14	1.118E-13	8.721E-30	1.592E+03	-4.207E+03	1.804E+03	1.118E-13	4.506E-14	1.571E+00	2.107E+03	-4.723E+03	2.783E-01
30	3	5	-2.839E-14	-5.346E-13	-6.144E-29	2.056E+03	-3.398E+02	1.452E+03	-2.839E-14	-5.346E-13	0.000E+00	2.740E+03	-1.024E+03	4.405E-01
30	3	6	-2.725E-14	-5.239E-13	-6.028E-29	2.049E+03	-3.942E+02	1.445E+03	-2.725E-14	-5.239E-13	0.000E+00	2.719E+03	-1.065E+03	4.345E-01
30	3	7	4.362E-14	1.341E-13	1.162E-29	1.570E+03	-4.219E+03	1.821E+03	1.341E-13	4.362E-14	1.571E+00	2.095E+03	-4.744E+03	2.807E-01
30	3	8	4.476E-14	1.447E-13	1.278E-29	1.563E+03	-4.274E+03	1.813E+03	1.447E-13	4.476E-14	1.571E+00	2.081E+03	-4.791E+03	2.780E-01
30	3	9	-5.706E-14	-2.624E-13	-2.568E-29	1.873E+03	-1.375E+03	1.284E+03	-5.706E-14	-2.624E-13	0.000E+00	2.319E+03	-1.821E+03	3.346E-01
30	3	10	-5.592E-14	-2.517E-13	-2.452E-29	1.865E+03	-1.429E+03	1.277E+03	-5.592E-14	-2.517E-13	0.000E+00	2.302E+03	-1.866E+03	3.297E-01
30	3	11	1.495E-14	4.063E-13	4.738E-29	1.387E+03	-5.254E+03	1.653E+03	4.063E-13	1.495E-14	1.571E+00	1.776E+03	-5.643E+03	2.309E-01
30	3	12	1.609E-14	4.169E-13	4.854E-29	1.380E+03	-5.308E+03	1.645E+03	4.169E-13	1.609E-14	1.571E+00	1.763E+03	-5.691E+03	2.286E-01
30	3	13	-5.735E-14	-2.295E-13	-2.162E-29	1.844E+03	-1.441E+03	1.293E+03	-5.735E-14	-2.295E-13	0.000E+00	2.292E+03	-1.889E+03	3.335E-01
30	3	14	-5.621E-14	-2.189E-13	-2.046E-29	1.837E+03	-1.495E+03	1.286E+03	-5.621E-14	-2.189E-13	0.000E+00	2.275E+03	-1.934E+03	3.286E-01
30	3	15	1.466E-14	4.392E-13	5.144E-29	1.359E+03	-5.320E+03	1.662E+03	4.392E-13	1.466E-14	1.571E+00	1.749E+03	-5.711E+03	2.309E-01
30	3	16	1.580E-14	4.498E-13	5.260E-29	1.351E+03	-5.375E+03	1.654E+03	4.498E-13	1.580E-14	1.571E+00	1.736E+03	-5.760E+03	2.286E-01
30	4	1	-2.799E-13	7.936E-14	-2.175E-29	-3.518E+02	6.142E+02	1.017E+03	7.936E-14	-2.799E-13	1.571E+00	1.257E+03	-9.946E+02	1.007E+00
30	4	2	-2.751E-13	7.783E-14	-2.136E-29	-3.386E+02	5.761E+02	1.018E+03	7.783E-14	-2.751E-13	1.571E+00	1.235E+03	-9.974E+02	9.965E-01
30	4	3	2.461E-14	-1.212E-14	2.493E-30	3.160E+02	-2.181E+03	1.801E+03	2.461E-14	-1.212E-14	0.000E+00	1.258E+03	-3.124E+03	4.822E-01
30	4	4	2.944E-14	-1.365E-14	2.883E-30	3.292E+02	-2.219E+03	1.802E+03	2.944E-14	-1.365E-14	0.000E+00	1.262E+03	-3.152E+03	4.776E-01
30	4	5	-2.577E-13	7.908E-14	-2.038E-29	-3.381E+02	5.192E+02	1.034E+03	7.908E-14	-2.577E-13	1.571E+00	1.210E+03	-1.029E+03	9.819E-01

30	4	6	-2.529E-13	7.755E-14	-1.999E-29	-3.249E+02	4.810E+02	1.035E+03	7.755E-14	-2.529E-13	1.571E+00	1.189E+03	-1.033E+03	9.711E-01
30	4	7	4.677E-14	-1.241E-14	3.868E-30	3.297E+02	-2.276E+03	1.817E+03	4.677E-14	-1.241E-14	0.000E+00	1.263E+03	-3.210E+03	4.744E-01
30	4	8	5.160E-14	-1.394E-14	4.257E-30	3.429E+02	-2.315E+03	1.819E+03	5.160E-14	-1.394E-14	0.000E+00	1.266E+03	-3.238E+03	4.699E-01
30	4	9	-1.060E-13	2.950E-14	-8.538E-30	-8.921E+01	-2.806E+02	1.117E+03	2.950E-14	-1.060E-13	1.571E+00	9.366E+02	-1.306E+03	7.427E-01
30	4	10	-1.011E-13	2.797E-14	-8.149E-30	-7.607E+01	-3.187E+02	1.119E+03	2.797E-14	-1.011E-13	1.571E+00	9.277E+02	-1.323E+03	7.314E-01
30	4	11	1.985E-13	-6.198E-14	1.571E-29	5.786E+02	-3.076E+03	1.901E+03	1.985E-13	-6.198E-14	0.000E+00	1.388E+03	-3.886E+03	4.026E-01
30	4	12	2.034E-13	-6.351E-14	1.610E-29	5.917E+02	-3.114E+03	1.902E+03	2.034E-13	-6.351E-14	0.000E+00	1.394E+03	-3.917E+03	3.992E-01
30	4	13	-8.379E-14	2.922E-14	-7.164E-30	-7.549E+01	-3.756E+02	1.134E+03	2.922E-14	-8.379E-14	1.571E+00	9.186E+02	-1.370E+03	7.196E-01
30	4	14	-7.896E-14	2.769E-14	-6.774E-30	-6.235E+01	-4.138E+02	1.135E+03	2.769E-14	-7.896E-14	1.571E+00	9.109E+02	-1.387E+03	7.086E-01
30	4	15	2.207E-13	-6.227E-14	1.708E-29	5.923E+02	-3.171E+03	1.918E+03	2.207E-13	-6.227E-14	0.000E+00	1.397E+03	-3.976E+03	3.975E-01
30	4	16	2.255E-13	-6.380E-14	1.747E-29	6.054E+02	-3.209E+03	1.919E+03	2.255E-13	-6.380E-14	0.000E+00	1.404E+03	-4.008E+03	3.942E-01
31	1	1	-2.336E-16	-3.776E-17	1.462E-17	1.958E+03	-2.795E+02	8.254E+02	-3.668E-17	-2.346E-16	1.571E+00	2.229E+03	-5.510E+02	3.178E-01
31	1	2	-2.321E-16	-2.778E-17	1.491E-18	1.953E+03	-3.196E+02	8.157E+02	-2.777E-17	-2.321E-16	1.571E+00	2.216E+03	-5.820E+02	3.112E-01
31	1	3	-2.336E-16	-3.776E-17	1.462E-17	1.672E+03	-3.250E+03	9.743E+02	-3.668E-17	-2.346E-16	1.571E+00	1.858E+03	-3.436E+03	1.885E-01
31	1	4	-2.321E-16	-2.778E-17	1.491E-18	1.668E+03	-3.290E+03	9.646E+02	-2.777E-17	-2.321E-16	1.571E+00	1.849E+03	-3.471E+03	1.856E-01
31	1	5	2.321E-16	2.778E-17	-1.491E-18	1.931E+03	-3.651E+02	8.396E+02	2.321E-16	2.777E-17	0.000E+00	2.206E+03	-6.393E+02	3.157E-01
31	1	6	2.336E-16	3.776E-17	-1.462E-17	1.927E+03	-4.051E+02	8.299E+02	2.346E-16	3.668E-17	0.000E+00	2.192E+03	-6.703E+02	3.093E-01
31	1	7	2.321E-16	2.778E-17	-1.491E-18	1.646E+03	-3.335E+03	9.885E+02	2.321E-16	2.777E-17	0.000E+00	1.835E+03	-3.524E+03	1.889E-01
31	1	8	2.336E-16	3.776E-17	-1.462E-17	1.641E+03	-3.376E+03	9.788E+02	2.346E-16	3.668E-17	0.000E+00	1.825E+03	-3.560E+03	1.860E-01
31	1	9	-2.336E-16	-3.776E-17	1.462E-17	1.782E+03	-1.174E+03	1.040E+03	-3.668E-17	-2.346E-16	1.571E+00	2.112E+03	-1.503E+03	3.065E-01
31	1	10	-2.321E-16	-2.778E-17	1.491E-18	1.778E+03	-1.214E+03	1.030E+03	-2.777E-17	-2.321E-16	1.571E+00	2.098E+03	-1.534E+03	3.015E-01
31	1	11	-2.336E-16	-3.776E-17	1.462E-17	1.497E+03	-4.144E+03	1.189E+03	-3.668E-17	-2.346E-16	1.571E+00	1.737E+03	-4.384E+03	1.994E-01
31	1	12	-2.321E-16	-2.778E-17	1.491E-18	1.492E+03	-4.184E+03	1.179E+03	-2.777E-17	-2.321E-16	1.571E+00	1.727E+03	-4.419E+03	1.969E-01
31	1	13	2.321E-16	2.778E-17	-1.491E-18	1.756E+03	-1.259E+03	1.054E+03	2.321E-16	2.777E-17	0.000E+00	2.088E+03	-1.591E+03	3.051E-01
31	1	14	2.336E-16	3.776E-17	-1.462E-17	1.751E+03	-1.299E+03	1.044E+03	2.346E-16	3.668E-17	0.000E+00	2.075E+03	-1.622E+03	3.002E-01
31	1	15	2.321E-16	2.778E-17	-1.491E-18	1.470E+03	-4.230E+03	1.203E+03	2.321E-16	2.777E-17	0.000E+00	1.714E+03	-4.473E+03	1.997E-01
31	1	16	2.336E-16	3.776E-17	-1.462E-17	1.465E+03	-4.270E+03	1.193E+03	2.346E-16	3.668E-17	0.000E+00	1.704E+03	-4.508E+03	1.972E-01
31	2	1	-2.393E-16	-2.987E-17	1.283E-32	2.369E+03	-1.204E+03	-1.316E+02	-2.987E-17	-2.393E-16	1.571E+00	2.374E+03	-1.208E+03	-3.677E-02
31	2	2	-2.192E-16	-3.760E-17	1.112E-32	2.359E+03	-1.239E+03	-1.460E+02	-3.760E-17	-2.192E-16	1.571E+00	2.365E+03	-1.245E+03	-4.050E-02
31	2	3	-2.393E-16	-2.987E-17	1.283E-32	1.966E+03	-3.866E+03	-1.134E+02	-2.987E-17	-2.393E-16	1.571E+00	1.968E+03	-3.868E+03	-1.943E-02
31	2	4	-2.192E-16	-3.760E-17	1.112E-32	1.956E+03	-3.901E+03	-1.278E+02	-3.760E-17	-2.192E-16	1.571E+00	1.959E+03	-3.904E+03	-2.180E-02
31	2	5	2.192E-16	3.760E-17	-1.112E-32	2.343E+03	-1.276E+03	-1.261E+02	2.192E-16	3.760E-17	0.000E+00	2.347E+03	-1.280E+03	-3.478E-02
31	2	6	2.393E-16	2.987E-17	-1.283E-32	2.333E+03	-1.311E+03	-1.405E+02	2.393E-16	2.987E-17	0.000E+00	2.338E+03	-1.317E+03	-3.848E-02
31	2	7	2.192E-16	3.760E-17	-1.112E-32	1.940E+03	-3.938E+03	-1.079E+02	2.192E-16	3.760E-17	0.000E+00	1.942E+03	-3.940E+03	-1.834E-02
31	2	8	2.393E-16	2.987E-17	-1.283E-32	1.930E+03	-3.973E+03	-1.223E+02	2.393E-16	2.987E-17	0.000E+00	1.933E+03	-3.976E+03	-2.070E-02
31	2	9	-2.393E-16	-2.987E-17	1.283E-32	2.128E+03	-1.983E+03	-4.173E+02	-2.987E-17	-2.393E-16	1.571E+00	2.170E+03	-2.025E+03	-1.001E-01
31	2	10	-2.192E-16	-3.760E-17	1.112E-32	2.118E+03	-2.019E+03	-4.317E+02	-3.760E-17	-2.192E-16	1.571E+00	2.163E+03	-2.063E+03	-1.029E-01
31	2	11	-2.393E-16	-2.987E-17	1.283E-32	1.725E+03	-4.645E+03	-3.991E+02	-2.987E-17	-2.393E-16	1.571E+00	1.750E+03	-4.670E+03	-6.232E-02
31	2	12	-2.192E-16	-3.760E-17	1.112E-32	1.715E+03	-4.681E+03	-4.135E+02	-3.760E-17	-2.192E-16	1.571E+00	1.742E+03	-4.707E+03	-6.429E-02
31	2	13	2.192E-16	3.760E-17	-1.112E-32	2.103E+03	-2.056E+03	-4.118E+02	2.192E-16	3.760E-17	0.000E+00	2.143E+03	-2.096E+03	-9.777E-02
31	2	14	2.393E-16	2.987E-17	-1.283E-32	2.092E+03	-2.091E+03	-4.262E+02	2.393E-16	2.987E-17	0.000E+00	2.135E+03	-2.134E+03	-1.005E-01
31	2	15	2.192E-16	3.760E-17	-1.112E-32	1.700E+03	-4.718E+03	-3.936E+02	2.192E-16	3.760E-17	0.000E+00	1.724E+03	-4.742E+03	-6.102E-02
31	2	16	2.393E-16	2.987E-17	-1.283E-32	1.690E+03	-4.753E+03	-4.080E+02	2.393E-16	2.987E-17	0.000E+00	1.716E+03	-4.779E+03	-6.299E-02

31	3	1	-3.154E-17	-2.347E-16	-2.487E-32	1.057E+03	-1.153E+03	7.865E+02	-3.154E-17	-2.347E-16	0.000E+00	1.308E+03	-1.405E+03	3.092E-01
31	3	2	-3.946E-17	-2.153E-16	-2.153E-32	1.049E+03	-1.175E+03	7.767E+02	-3.946E-17	-2.153E-16	0.000E+00	1.293E+03	-1.420E+03	3.049E-01
31	3	3	-3.154E-17	-2.347E-16	-2.487E-32	7.977E+02	-2.560E+03	8.083E+02	-3.154E-17	-2.347E-16	0.000E+00	9.821E+02	-2.744E+03	2.244E-01
31	3	4	-3.946E-17	-2.153E-16	-2.153E-32	7.893E+02	-2.582E+03	7.985E+02	-3.946E-17	-2.153E-16	0.000E+00	9.688E+02	-2.761E+03	2.212E-01
31	3	5	3.946E-17	2.153E-16	2.153E-32	1.044E+03	-1.171E+03	7.906E+02	2.153E-16	3.946E-17	1.571E+00	1.297E+03	-1.424E+03	3.100E-01
31	3	6	3.154E-17	2.347E-16	2.487E-32	1.035E+03	-1.193E+03	7.808E+02	2.347E-16	3.154E-17	1.571E+00	1.282E+03	-1.439E+03	3.057E-01
31	3	7	3.946E-17	2.153E-16	2.153E-32	7.843E+02	-2.577E+03	8.124E+02	2.153E-16	3.946E-17	1.571E+00	9.704E+02	-2.763E+03	2.251E-01
31	3	8	3.154E-17	2.347E-16	2.487E-32	7.759E+02	-2.599E+03	8.026E+02	2.347E-16	3.154E-17	1.571E+00	9.571E+02	-2.780E+03	2.220E-01
31	3	9	-3.154E-17	-2.347E-16	-2.487E-32	8.797E+02	-1.581E+03	5.923E+02	-3.154E-17	-2.347E-16	0.000E+00	1.015E+03	-1.716E+03	2.243E-01
31	3	10	-3.946E-17	-2.153E-16	-2.153E-32	8.713E+02	-1.603E+03	5.825E+02	-3.946E-17	-2.153E-16	0.000E+00	1.002E+03	-1.733E+03	2.201E-01
31	3	11	-3.154E-17	-2.347E-16	-2.487E-32	6.202E+02	-2.987E+03	6.140E+02	-3.154E-17	-2.347E-16	0.000E+00	7.219E+02	-3.089E+03	1.641E-01
31	3	12	-3.946E-17	-2.153E-16	-2.153E-32	6.118E+02	-3.009E+03	6.043E+02	-3.946E-17	-2.153E-16	0.000E+00	7.100E+02	-3.107E+03	1.611E-01
31	3	13	3.946E-17	2.153E-16	2.153E-32	8.664E+02	-1.598E+03	5.964E+02	2.153E-16	3.946E-17	1.571E+00	1.003E+03	-1.735E+03	2.254E-01
31	3	14	3.154E-17	2.347E-16	2.487E-32	8.580E+02	-1.620E+03	5.866E+02	2.347E-16	3.154E-17	1.571E+00	9.898E+02	-1.752E+03	2.211E-01
31	3	15	3.946E-17	2.153E-16	2.153E-32	6.069E+02	-3.005E+03	6.181E+02	2.153E-16	3.946E-17	1.571E+00	7.098E+02	-3.107E+03	1.649E-01
31	3	16	3.154E-17	2.347E-16	2.487E-32	5.985E+02	-3.026E+03	6.084E+02	2.347E-16	3.154E-17	1.571E+00	6.979E+02	-3.126E+03	1.619E-01
31	4	1	-2.383E-16	-3.001E-17	-1.275E-32	7.162E+02	-5.352E+02	1.192E+03	-3.001E-17	-2.383E-16	1.571E+00	1.436E+03	-1.255E+03	5.436E-01
31	4	2	-2.194E-16	-3.828E-17	-1.109E-32	7.154E+02	-5.705E+02	1.184E+03	-3.828E-17	-2.194E-16	1.571E+00	1.420E+03	-1.275E+03	5.367E-01
31	4	3	-2.383E-16	-3.001E-17	-1.275E-32	7.144E+02	-2.846E+03	1.393E+03	-3.001E-17	-2.383E-16	1.571E+00	1.195E+03	-3.326E+03	3.321E-01
31	4	4	-2.194E-16	-3.828E-17	-1.109E-32	7.136E+02	-2.881E+03	1.386E+03	-3.828E-17	-2.194E-16	1.571E+00	1.186E+03	-3.354E+03	3.284E-01
31	4	5	2.194E-16	3.828E-17	1.109E-32	7.052E+02	-5.794E+02	1.194E+03	2.194E-16	3.828E-17	0.000E+00	1.419E+03	-1.293E+03	5.387E-01
31	4	6	2.383E-16	3.001E-17	1.275E-32	7.044E+02	-6.147E+02	1.187E+03	2.383E-16	3.001E-17	0.000E+00	1.403E+03	-1.313E+03	5.318E-01
31	4	7	2.194E-16	3.828E-17	1.109E-32	7.034E+02	-2.890E+03	1.396E+03	2.194E-16	3.828E-17	0.000E+00	1.182E+03	-3.369E+03	3.303E-01
31	4	8	2.383E-16	3.001E-17	1.275E-32	7.026E+02	-2.926E+03	1.389E+03	2.383E-16	3.001E-17	0.000E+00	1.173E+03	-3.396E+03	3.267E-01
31	4	9	-2.383E-16	-3.001E-17	-1.275E-32	6.500E+02	-1.252E+03	1.043E+03	-3.001E-17	-2.383E-16	1.571E+00	1.111E+03	-1.713E+03	4.158E-01
31	4	10	-2.194E-16	-3.828E-17	-1.109E-32	6.493E+02	-1.287E+03	1.036E+03	-3.828E-17	-2.194E-16	1.571E+00	1.099E+03	-1.737E+03	4.095E-01
31	4	11	-2.383E-16	-3.001E-17	-1.275E-32	6.482E+02	-3.563E+03	1.245E+03	-3.001E-17	-2.383E-16	1.571E+00	9.889E+02	-3.903E+03	2.670E-01
31	4	12	-2.194E-16	-3.828E-17	-1.109E-32	6.474E+02	-3.598E+03	1.238E+03	-3.828E-17	-2.194E-16	1.571E+00	9.819E+02	-3.933E+03	2.639E-01
31	4	13	2.194E-16	3.828E-17	1.109E-32	6.390E+02	-1.296E+03	1.046E+03	2.194E-16	3.828E-17	0.000E+00	1.096E+03	-1.753E+03	4.121E-01
31	4	14	2.383E-16	3.001E-17	1.275E-32	6.383E+02	-1.332E+03	1.038E+03	2.383E-16	3.001E-17	0.000E+00	1.085E+03	-1.778E+03	4.059E-01
31	4	15	2.194E-16	3.828E-17	1.109E-32	6.372E+02	-3.607E+03	1.248E+03	2.194E-16	3.828E-17	0.000E+00	9.769E+02	-3.947E+03	2.658E-01
31	4	16	2.383E-16	3.001E-17	1.275E-32	6.364E+02	-3.642E+03	1.240E+03	2.383E-16	3.001E-17	0.000E+00	9.700E+02	-3.976E+03	2.627E-01
32	1	1	-8.873E-17	-1.763E-16	-1.381E-16	-6.672E+02	1.552E+03	-1.960E+02	1.232E-17	-2.774E-16	0.000E+00	1.569E+03	-6.843E+02	1.658E+00
32	1	2	3.821E-17	-1.605E-16	-1.285E-16	-6.746E+02	1.540E+03	-1.862E+02	1.013E-16	-2.236E-16	0.000E+00	1.555E+03	-6.901E+02	1.654E+00
32	1	3	-8.873E-17	-1.763E-16	-1.381E-16	-1.161E+03	1.442E+03	-2.153E+02	1.232E-17	-2.774E-16	0.000E+00	1.460E+03	-1.178E+03	1.653E+00
32	1	4	3.821E-17	-1.605E-16	-1.285E-16	-1.168E+03	1.430E+03	-2.055E+02	1.013E-16	-2.236E-16	0.000E+00	1.446E+03	-1.184E+03	1.649E+00
32	1	5	-3.821E-17	1.605E-16	1.285E-16	-6.824E+02	1.539E+03	-1.971E+02	2.236E-16	-1.013E-16	1.571E+00	1.556E+03	-6.998E+02	1.659E+00
32	1	6	8.873E-17	1.763E-16	1.381E-16	-6.898E+02	1.526E+03	-1.873E+02	2.774E-16	-1.232E-17	1.571E+00	1.542E+03	-7.055E+02	1.655E+00
32	1	7	-3.821E-17	1.605E-16	1.285E-16	-1.176E+03	1.429E+03	-2.165E+02	2.236E-16	-1.013E-16	1.571E+00	1.447E+03	-1.194E+03	1.653E+00
32	1	8	8.873E-17	1.763E-16	1.381E-16	-1.183E+03	1.416E+03	-2.067E+02	2.774E-16	-1.232E-17	1.571E+00	1.433E+03	-1.200E+03	1.650E+00
32	1	9	-8.873E-17	-1.763E-16	-1.381E-16	-8.299E+02	1.304E+03	-4.585E+00	1.232E-17	-2.774E-16	0.000E+00	1.304E+03	-8.299E+02	1.573E+00
32	1	10	3.821E-17	-1.605E-16	-1.285E-16	-8.373E+02	1.292E+03	5.213E+00	1.013E-16	-2.236E-16	0.000E+00	1.292E+03	-8.373E+02	1.568E+00
32	1	11	-8.873E-17	-1.763E-16	-1.381E-16	-1.324E+03	1.195E+03	-2.397E+01	1.232E-17	-2.774E-16	0.000E+00	1.195E+03	-1.324E+03	1.580E+00

32	1	12	3.821E-17	-1.605E-16	-1.285E-16	-1.331E+03	1.182E+03	-1.417E+01	1.013E-16	-2.236E-16	0.000E+00	1.182E+03	-1.331E+03	1.576E+00
32	1	13	-3.821E-17	1.605E-16	1.285E-16	-8.451E+02	1.291E+03	-5.728E+00	2.236E-16	-1.013E-16	1.571E+00	1.291E+03	-8.452E+02	1.573E+00
32	1	14	8.873E-17	1.763E-16	1.381E-16	-8.525E+02	1.279E+03	4.070E+00	2.774E-16	-1.232E-17	1.571E+00	1.279E+03	-8.525E+02	1.569E+00
32	1	15	-3.821E-17	1.605E-16	1.285E-16	-1.339E+03	1.181E+03	-2.511E+01	2.236E-16	-1.013E-16	1.571E+00	1.181E+03	-1.339E+03	1.581E+00
32	1	16	8.873E-17	1.763E-16	1.381E-16	-1.346E+03	1.169E+03	-1.532E+01	2.774E-16	-1.232E-17	1.571E+00	1.169E+03	-1.346E+03	1.577E+00
32	2	1	-2.464E-16	1.890E-17	1.625E-32	-2.310E+02	8.230E+02	-3.373E+02	1.890E-17	-2.464E-16	1.571E+00	9.217E+02	-3.297E+02	1.855E+00
32	2	2	-1.305E-16	3.540E-17	1.016E-32	-2.340E+02	8.133E+02	-3.304E+02	3.540E-17	-1.305E-16	1.571E+00	9.088E+02	-3.295E+02	1.852E+00
32	2	3	-2.464E-16	1.890E-17	1.625E-32	-3.387E+02	7.214E+02	-3.589E+02	1.890E-17	-2.464E-16	1.571E+00	8.315E+02	-4.488E+02	1.868E+00
32	2	4	-1.305E-16	3.540E-17	1.016E-32	-3.417E+02	7.117E+02	-3.520E+02	3.540E-17	-1.305E-16	1.571E+00	8.185E+02	-4.485E+02	1.865E+00
32	2	5	1.305E-16	-3.540E-17	-1.016E-32	-2.311E+02	8.136E+02	-3.391E+02	1.305E-16	-3.540E-17	0.000E+00	9.140E+02	-3.315E+02	1.859E+00
32	2	6	2.464E-16	-1.890E-17	-1.625E-32	-2.341E+02	8.039E+02	-3.322E+02	2.464E-16	-1.890E-17	0.000E+00	9.011E+02	-3.313E+02	1.856E+00
32	2	7	1.305E-16	-3.540E-17	-1.016E-32	-3.388E+02	7.120E+02	-3.607E+02	1.305E-16	-3.540E-17	0.000E+00	8.239E+02	-4.507E+02	1.872E+00
32	2	8	2.464E-16	-1.890E-17	-1.625E-32	-3.418E+02	7.023E+02	-3.538E+02	2.464E-16	-1.890E-17	0.000E+00	8.108E+02	-4.504E+02	1.869E+00
32	2	9	-2.464E-16	1.890E-17	1.625E-32	-2.892E+02	6.296E+02	-2.009E+02	1.890E-17	-2.464E-16	1.571E+00	6.716E+02	-3.312E+02	1.777E+00
32	2	10	-1.305E-16	3.540E-17	1.016E-32	-2.922E+02	6.199E+02	-1.939E+02	3.540E-17	-1.305E-16	1.571E+00	6.595E+02	-3.317E+02	1.772E+00
32	2	11	-2.464E-16	1.890E-17	1.625E-32	-3.969E+02	5.280E+02	-2.224E+02	1.890E-17	-2.464E-16	1.571E+00	5.788E+02	-4.476E+02	1.795E+00
32	2	12	-1.305E-16	3.540E-17	1.016E-32	-3.999E+02	5.183E+02	-2.155E+02	3.540E-17	-1.305E-16	1.571E+00	5.664E+02	-4.480E+02	1.790E+00
32	2	13	1.305E-16	-3.540E-17	-1.016E-32	-2.893E+02	6.202E+02	-2.027E+02	1.305E-16	-3.540E-17	0.000E+00	6.633E+02	-3.324E+02	1.780E+00
32	2	14	2.464E-16	-1.890E-17	-1.625E-32	-2.923E+02	6.105E+02	-1.958E+02	2.464E-16	-1.890E-17	0.000E+00	6.511E+02	-3.329E+02	1.775E+00
32	2	15	1.305E-16	-3.540E-17	-1.016E-32	-3.970E+02	5.186E+02	-2.243E+02	1.305E-16	-3.540E-17	0.000E+00	5.706E+02	-4.490E+02	1.799E+00
32	2	16	2.464E-16	-1.890E-17	-1.625E-32	-4.000E+02	5.089E+02	-2.173E+02	2.464E-16	-1.890E-17	0.000E+00	5.582E+02	-4.493E+02	1.794E+00
32	3	1	-5.605E-18	-2.491E-16	-2.982E-32	-1.390E+02	4.097E+02	-5.676E+02	-5.605E-18	-2.491E-16	0.000E+00	7.658E+02	-4.951E+02	2.131E+00
32	3	2	1.205E-17	-1.447E-16	-1.920E-32	-1.505E+02	4.061E+02	-5.626E+02	1.205E-17	-1.447E-16	0.000E+00	7.554E+02	-4.998E+02	2.127E+00
32	3	3	-5.605E-18	-2.491E-16	-2.982E-32	-6.281E+02	2.940E+02	-6.791E+02	-5.605E-18	-2.491E-16	0.000E+00	6.538E+02	-9.879E+02	2.058E+00
32	3	4	1.205E-17	-1.447E-16	-1.920E-32	-6.395E+02	2.904E+02	-6.741E+02	1.205E-17	-1.447E-16	0.000E+00	6.444E+02	-9.934E+02	2.054E+00
32	3	5	-1.205E-17	1.447E-16	1.920E-32	-1.461E+02	4.019E+02	-5.692E+02	1.447E-16	-1.205E-17	1.571E+00	7.597E+02	-5.038E+02	2.132E+00
32	3	6	5.605E-18	2.491E-16	2.982E-32	-1.575E+02	3.984E+02	-5.642E+02	2.491E-16	5.605E-18	1.571E+00	7.494E+02	-5.085E+02	2.127E+00
32	3	7	-1.205E-17	1.447E-16	1.920E-32	-6.351E+02	2.863E+02	-6.808E+02	1.447E-16	-1.205E-17	1.571E+00	6.476E+02	-9.964E+02	2.059E+00
32	3	8	5.605E-18	2.491E-16	2.982E-32	-6.465E+02	2.827E+02	-6.757E+02	2.491E-16	5.605E-18	1.571E+00	6.381E+02	-1.002E+03	2.055E+00
32	3	9	-5.605E-18	-2.491E-16	-2.982E-32	-3.622E+02	3.293E+02	-4.677E+02	-5.605E-18	-2.491E-16	0.000E+00	5.651E+02	-5.981E+02	2.038E+00
32	3	10	1.205E-17	-1.447E-16	-1.920E-32	-3.737E+02	3.257E+02	-4.626E+02	1.205E-17	-1.447E-16	0.000E+00	5.559E+02	-6.039E+02	2.033E+00
32	3	11	-5.605E-18	-2.491E-16	-2.982E-32	-8.513E+02	2.136E+02	-5.792E+02	-5.605E-18	-2.491E-16	0.000E+00	4.679E+02	-1.106E+03	1.985E+00
32	3	12	1.205E-17	-1.447E-16	-1.920E-32	-8.627E+02	2.101E+02	-5.741E+02	1.205E-17	-1.447E-16	0.000E+00	4.594E+02	-1.112E+03	1.980E+00
32	3	13	-1.205E-17	1.447E-16	1.920E-32	-3.693E+02	3.216E+02	-4.693E+02	1.447E-16	-1.205E-17	1.571E+00	5.589E+02	-6.066E+02	2.039E+00
32	3	14	5.605E-18	2.491E-16	2.982E-32	-3.807E+02	3.180E+02	-4.643E+02	2.491E-16	5.605E-18	1.571E+00	5.497E+02	-6.124E+02	2.034E+00
32	3	15	-1.205E-17	1.447E-16	1.920E-32	-8.583E+02	2.059E+02	-5.808E+02	1.447E-16	-1.205E-17	1.571E+00	4.615E+02	-1.114E+03	1.985E+00
32	3	16	5.605E-18	2.491E-16	2.982E-32	-8.697E+02	2.023E+02	-5.758E+02	2.491E-16	5.605E-18	1.571E+00	4.530E+02	-1.120E+03	1.981E+00
32	4	1	-3.188E-16	2.653E-17	-2.114E-32	-5.587E+02	1.135E+03	-5.261E+02	2.653E-17	-3.188E-16	1.571E+00	1.285E+03	-7.088E+02	1.849E+00
32	4	2	-2.025E-16	4.269E-17	-1.501E-32	-5.721E+02	1.128E+03	-5.178E+02	4.269E-17	-2.025E-16	1.571E+00	1.273E+03	-7.174E+02	1.844E+00
32	4	3	-3.188E-16	2.653E-17	-2.114E-32	-1.418E+03	1.007E+03	-5.492E+02	2.653E-17	-3.188E-16	1.571E+00	1.126E+03	-1.537E+03	1.783E+00
32	4	4	-2.025E-16	4.269E-17	-1.501E-32	-1.432E+03	1.000E+03	-5.409E+02	4.269E-17	-2.025E-16	1.571E+00	1.115E+03	-1.547E+03	1.780E+00
32	4	5	2.025E-16	-4.269E-17	1.501E-32	-5.797E+02	1.122E+03	-5.309E+02	2.025E-16	-4.269E-17	0.000E+00	1.274E+03	-7.317E+02	1.850E+00
32	4	6	3.188E-16	-2.653E-17	2.114E-32	-5.931E+02	1.116E+03	-5.225E+02	3.188E-16	-2.653E-17	0.000E+00	1.263E+03	-7.402E+02	1.845E+00

32	4	7	2.025E-16	-4.269E-17	1.501E-32	-1.439E+03	9.949E+02	-5.540E+02	2.025E-16	-4.269E-17	0.000E+00	1.115E+03	-1.559E+03	1.784E+00
32	4	8	3.188E-16	-2.653E-17	2.114E-32	-1.453E+03	9.881E+02	-5.457E+02	3.188E-16	-2.653E-17	0.000E+00	1.105E+03	-1.569E+03	1.781E+00
32	4	9	-3.188E-16	2.653E-17	-2.114E-32	-8.380E+02	9.891E+02	-3.586E+02	2.653E-17	-3.188E-16	1.571E+00	1.057E+03	-9.059E+02	1.758E+00
32	4	10	-2.025E-16	4.269E-17	-1.501E-32	-8.515E+02	9.824E+02	-3.503E+02	4.269E-17	-2.025E-16	1.571E+00	1.047E+03	-9.161E+02	1.753E+00
32	4	11	-3.188E-16	2.653E-17	-2.114E-32	-1.698E+03	8.616E+02	-3.818E+02	2.653E-17	-3.188E-16	1.571E+00	9.173E+02	-1.753E+03	1.716E+00
32	4	12	-2.025E-16	4.269E-17	-1.501E-32	-1.711E+03	8.549E+02	-3.734E+02	4.269E-17	-2.025E-16	1.571E+00	9.081E+02	-1.764E+03	1.712E+00
32	4	13	2.025E-16	-4.269E-17	1.501E-32	-8.590E+02	9.769E+02	-3.634E+02	2.025E-16	-4.269E-17	0.000E+00	1.046E+03	-9.283E+02	1.759E+00
32	4	14	3.188E-16	-2.653E-17	2.114E-32	-8.724E+02	9.702E+02	-3.550E+02	3.188E-16	-2.653E-17	0.000E+00	1.036E+03	-9.385E+02	1.755E+00
32	4	15	2.025E-16	-4.269E-17	1.501E-32	-1.719E+03	8.494E+02	-3.865E+02	2.025E-16	-4.269E-17	0.000E+00	9.063E+02	-1.775E+03	1.717E+00
32	4	16	3.188E-16	-2.653E-17	2.114E-32	-1.732E+03	8.427E+02	-3.782E+02	3.188E-16	-2.653E-17	0.000E+00	8.971E+02	-1.786E+03	1.714E+00
245	1	1	-1.348E+00	-1.734E-01	-6.909E-01	2.139E+03	5.147E+02	1.318E+03	1.461E-01	-1.668E+00	2.004E+00	2.876E+03	-2.216E+02	5.093E-01
245	1	2	-1.351E+00	-1.738E-01	-6.923E-01	2.139E+03	5.149E+02	1.318E+03	1.464E-01	-1.671E+00	2.004E+00	2.875E+03	-2.213E+02	5.093E-01
245	1	3	-1.902E+00	3.679E-03	-9.321E-01	1.950E+03	4.551E+02	1.232E+03	3.837E-01	-2.282E+00	1.958E+00	2.643E+03	-2.385E+02	5.127E-01
245	1	4	-1.905E+00	3.268E-03	-9.335E-01	1.950E+03	4.552E+02	1.232E+03	3.840E-01	-2.286E+00	1.958E+00	2.643E+03	-2.382E+02	5.127E-01
245	1	5	-1.359E+00	-1.743E-01	-6.970E-01	2.142E+03	5.165E+02	1.319E+03	1.480E-01	-1.682E+00	2.004E+00	2.878E+03	-2.197E+02	5.092E-01
245	1	6	-1.362E+00	-1.747E-01	-6.984E-01	2.142E+03	5.166E+02	1.318E+03	1.483E-01	-1.685E+00	2.004E+00	2.878E+03	-2.194E+02	5.092E-01
245	1	7	-1.913E+00	2.720E-03	-9.382E-01	1.953E+03	4.568E+02	1.232E+03	3.856E-01	-2.296E+00	1.958E+00	2.646E+03	-2.366E+02	5.126E-01
245	1	8	-1.916E+00	2.308E-03	-9.396E-01	1.953E+03	4.569E+02	1.232E+03	3.859E-01	-2.299E+00	1.958E+00	2.646E+03	-2.363E+02	5.126E-01
245	1	9	-4.380E-01	1.421E-01	-2.718E-01	1.693E+03	3.404E+02	1.135E+03	2.495E-01	-5.455E-01	1.947E+00	2.338E+03	-3.046E+02	5.168E-01
245	1	10	-4.406E-01	1.417E-01	-2.733E-01	1.693E+03	3.406E+02	1.135E+03	2.498E-01	-5.487E-01	1.948E+00	2.338E+03	-3.043E+02	5.167E-01
245	1	11	-9.920E-01	3.191E-01	-5.130E-01	1.503E+03	2.808E+02	1.049E+03	4.960E-01	-1.169E+00	1.903E+00	2.106E+03	-3.217E+02	5.215E-01
245	1	12	-9.946E-01	3.187E-01	-5.144E-01	1.504E+03	2.809E+02	1.048E+03	4.962E-01	-1.172E+00	1.903E+00	2.106E+03	-3.214E+02	5.215E-01
245	1	13	-4.491E-01	1.411E-01	-2.779E-01	1.696E+03	3.422E+02	1.135E+03	2.514E-01	-5.593E-01	1.949E+00	2.341E+03	-3.027E+02	5.166E-01
245	1	14	-4.516E-01	1.407E-01	-2.794E-01	1.696E+03	3.423E+02	1.135E+03	2.517E-01	-5.626E-01	1.949E+00	2.341E+03	-3.024E+02	5.166E-01
245	1	15	-1.003E+00	3.182E-01	-5.191E-01	1.506E+03	2.825E+02	1.049E+03	4.977E-01	-1.183E+00	1.904E+00	2.109E+03	-3.198E+02	5.213E-01
245	1	16	-1.006E+00	3.177E-01	-5.205E-01	1.506E+03	2.827E+02	1.049E+03	4.980E-01	-1.186E+00	1.904E+00	2.109E+03	-3.195E+02	5.213E-01
245	2	1	-7.217E-03	-1.237E+00	-5.585E-01	3.826E+02	1.726E+03	1.065E+03	2.086E-01	-1.453E+00	-3.687E-01	2.314E+03	-2.052E+02	1.067E+00
245	2	2	-7.537E-03	-1.240E+00	-5.597E-01	3.824E+02	1.725E+03	1.065E+03	2.087E-01	-1.456E+00	-3.687E-01	2.313E+03	-2.053E+02	1.067E+00
245	2	3	-2.546E-02	-1.873E+00	-8.351E-01	4.135E+02	1.668E+03	1.015E+03	2.960E-01	-2.195E+00	-3.675E-01	2.234E+03	-1.525E+02	1.062E+00
245	2	4	-2.578E-02	-1.876E+00	-8.362E-01	4.133E+02	1.667E+03	1.015E+03	2.962E-01	-2.198E+00	-3.675E-01	2.233E+03	-1.526E+02	1.062E+00
245	2	5	-7.564E-03	-1.245E+00	-5.624E-01	3.811E+02	1.722E+03	1.065E+03	2.098E-01	-1.463E+00	-3.688E-01	2.310E+03	-2.067E+02	1.066E+00
245	2	6	-7.883E-03	-1.248E+00	-5.636E-01	3.810E+02	1.722E+03	1.065E+03	2.100E-01	-1.466E+00	-3.689E-01	2.309E+03	-2.068E+02	1.066E+00
245	2	7	-2.581E-02	-1.881E+00	-8.390E-01	4.120E+02	1.664E+03	1.015E+03	2.973E-01	-2.204E+00	-3.676E-01	2.230E+03	-1.540E+02	1.062E+00
245	2	8	-2.613E-02	-1.884E+00	-8.401E-01	4.119E+02	1.663E+03	1.014E+03	2.975E-01	-2.207E+00	-3.677E-01	2.229E+03	-1.542E+02	1.062E+00
245	2	9	-3.204E-02	-2.352E-01	-1.308E-01	4.905E+02	1.908E+03	1.152E+03	3.195E-02	-2.992E-01	-4.551E-01	2.553E+03	-1.536E+02	1.061E+00
245	2	10	-3.236E-02	-2.376E-01	-1.319E-01	4.904E+02	1.908E+03	1.152E+03	3.213E-02	-3.021E-01	-4.548E-01	2.552E+03	-1.537E+02	1.061E+00
245	2	11	-5.029E-02	-8.712E-01	-4.073E-01	5.214E+02	1.850E+03	1.102E+03	1.175E-01	-1.039E+00	-3.908E-01	2.473E+03	-1.011E+02	1.057E+00
245	2	12	-5.061E-02	-8.736E-01	-4.085E-01	5.213E+02	1.849E+03	1.102E+03	1.177E-01	-1.042E+00	-3.908E-01	2.472E+03	-1.012E+02	1.057E+00
245	2	13	-3.239E-02	-2.433E-01	-1.347E-01	4.891E+02	1.905E+03	1.152E+03	3.319E-02	-3.089E-01	-4.532E-01	2.549E+03	-1.551E+02	1.061E+00
245	2	14	-3.271E-02	-2.457E-01	-1.358E-01	4.889E+02	1.904E+03	1.152E+03	3.337E-02	-3.118E-01	-4.529E-01	2.548E+03	-1.552E+02	1.061E+00
245	2	15	-5.064E-02	-8.793E-01	-4.112E-01	5.200E+02	1.847E+03	1.102E+03	1.188E-01	-1.049E+00	-3.908E-01	2.469E+03	-1.026E+02	1.056E+00
245	2	16	-5.096E-02	-8.817E-01	-4.124E-01	5.198E+02	1.846E+03	1.101E+03	1.190E-01	-1.052E+00	-3.909E-01	2.468E+03	-1.027E+02	1.056E+00
245	3	1	8.492E-01	-6.334E-01	-1.132E+00	1.324E+03	3.532E+03	7.246E+02	1.461E+00	-1.245E+00	-4.955E-01	3.748E+03	1.107E+03	1.280E+00

245	3	2	8.504E-01	-6.349E-01	-1.134E+00	1.323E+03	3.531E+03	7.241E+02	1.464E+00	-1.248E+00	-4.955E-01	3.747E+03	1.107E+03	1.281E+00
245	3	3	1.025E+00	-6.720E-01	-1.682E+00	1.279E+03	3.319E+03	7.249E+02	2.061E+00	-1.708E+00	-5.518E-01	3.551E+03	1.047E+03	1.262E+00
245	3	4	1.026E+00	-6.735E-01	-1.685E+00	1.278E+03	3.318E+03	7.244E+02	2.063E+00	-1.710E+00	-5.518E-01	3.549E+03	1.047E+03	1.262E+00
245	3	5	8.575E-01	-6.400E-01	-1.140E+00	1.319E+03	3.527E+03	7.228E+02	1.473E+00	-1.255E+00	-4.949E-01	3.743E+03	1.104E+03	1.281E+00
245	3	6	8.587E-01	-6.416E-01	-1.142E+00	1.318E+03	3.526E+03	7.222E+02	1.475E+00	-1.258E+00	-4.949E-01	3.741E+03	1.103E+03	1.281E+00
245	3	7	1.033E+00	-6.787E-01	-1.690E+00	1.274E+03	3.315E+03	7.231E+02	2.072E+00	-1.717E+00	-5.510E-01	3.545E+03	1.044E+03	1.263E+00
245	3	8	1.035E+00	-6.802E-01	-1.693E+00	1.273E+03	3.313E+03	7.225E+02	2.074E+00	-1.720E+00	-5.510E-01	3.543E+03	1.043E+03	1.263E+00
245	3	9	3.759E-01	-2.878E-01	-2.672E-01	1.552E+03	3.920E+03	8.152E+02	4.701E-01	-3.820E-01	-3.390E-01	4.174E+03	1.298E+03	1.269E+00
245	3	10	3.771E-01	-2.893E-01	-2.693E-01	1.551E+03	3.919E+03	8.147E+02	4.723E-01	-3.845E-01	-3.398E-01	4.172E+03	1.298E+03	1.269E+00
245	3	11	5.518E-01	-3.264E-01	-8.175E-01	1.507E+03	3.708E+03	8.155E+02	1.041E+00	-8.153E-01	-5.389E-01	3.977E+03	1.237E+03	1.252E+00
245	3	12	5.530E-01	-3.279E-01	-8.196E-01	1.506E+03	3.706E+03	8.150E+02	1.043E+00	-8.179E-01	-5.388E-01	3.975E+03	1.237E+03	1.252E+00
245	3	13	3.842E-01	-2.944E-01	-2.752E-01	1.547E+03	3.916E+03	8.134E+02	4.818E-01	-3.920E-01	-3.407E-01	4.168E+03	1.295E+03	1.270E+00
245	3	14	3.854E-01	-2.960E-01	-2.773E-01	1.546E+03	3.915E+03	8.129E+02	4.840E-01	-3.945E-01	-3.416E-01	4.167E+03	1.294E+03	1.270E+00
245	3	15	5.600E-01	-3.331E-01	-8.255E-01	1.502E+03	3.703E+03	8.137E+02	1.052E+00	-8.250E-01	-5.375E-01	3.971E+03	1.234E+03	1.252E+00
245	3	16	5.612E-01	-3.346E-01	-8.276E-01	1.501E+03	3.702E+03	8.132E+02	1.054E+00	-8.277E-01	-5.374E-01	3.970E+03	1.233E+03	1.253E+00
245	4	1	-5.402E-01	9.012E-01	-1.259E+00	2.706E+03	3.131E+03	1.928E+03	1.631E+00	-1.270E+00	2.096E+00	4.858E+03	9.791E+02	8.402E-01
245	4	2	-5.412E-01	9.016E-01	-1.262E+00	2.706E+03	3.130E+03	1.928E+03	1.633E+00	-1.273E+00	2.096E+00	4.858E+03	9.785E+02	8.402E-01
245	4	3	-9.001E-01	1.676E+00	-1.774E+00	2.470E+03	2.878E+03	1.770E+03	2.580E+00	-1.805E+00	2.042E+00	4.456E+03	8.919E+02	8.427E-01
245	4	4	-9.011E-01	1.676E+00	-1.776E+00	2.470E+03	2.878E+03	1.771E+03	2.582E+00	-1.807E+00	2.042E+00	4.456E+03	8.913E+02	8.428E-01
245	4	5	-5.427E-01	9.017E-01	-1.269E+00	2.706E+03	3.131E+03	1.932E+03	1.640E+00	-1.281E+00	2.098E+00	4.862E+03	9.754E+02	8.401E-01
245	4	6	-5.437E-01	9.021E-01	-1.272E+00	2.706E+03	3.131E+03	1.932E+03	1.642E+00	-1.284E+00	2.098E+00	4.862E+03	9.748E+02	8.401E-01
245	4	7	-9.025E-01	1.676E+00	-1.784E+00	2.470E+03	2.878E+03	1.774E+03	2.588E+00	-1.815E+00	2.043E+00	4.460E+03	8.882E+02	8.427E-01
245	4	8	-9.036E-01	1.676E+00	-1.787E+00	2.470E+03	2.878E+03	1.775E+03	2.590E+00	-1.817E+00	2.044E+00	4.460E+03	8.876E+02	8.427E-01
245	4	9	1.832E-02	-3.812E-01	-4.136E-01	2.259E+03	2.683E+03	1.481E+03	2.779E-01	-6.408E-01	-5.605E-01	3.967E+03	9.753E+02	8.564E-01
245	4	10	1.730E-02	-3.807E-01	-4.160E-01	2.259E+03	2.682E+03	1.481E+03	2.794E-01	-6.429E-01	-5.623E-01	3.966E+03	9.747E+02	8.564E-01
245	4	11	-3.416E-01	3.932E-01	-9.285E-01	2.023E+03	2.430E+03	1.323E+03	1.024E+00	-9.728E-01	2.168E+00	3.565E+03	8.877E+02	8.617E-01
245	4	12	-3.426E-01	3.936E-01	-9.309E-01	2.023E+03	2.430E+03	1.324E+03	1.027E+00	-9.755E-01	2.168E+00	3.565E+03	8.871E+02	8.617E-01
245	4	13	1.589E-02	-3.807E-01	-4.238E-01	2.259E+03	2.683E+03	1.484E+03	2.855E-01	-6.503E-01	-5.666E-01	3.971E+03	9.716E+02	8.563E-01
245	4	14	1.488E-02	-3.802E-01	-4.262E-01	2.259E+03	2.683E+03	1.485E+03	2.871E-01	-6.524E-01	-5.684E-01	3.970E+03	9.710E+02	8.563E-01
245	4	15	-3.440E-01	3.937E-01	-9.387E-01	2.023E+03	2.430E+03	1.327E+03	1.033E+00	-9.838E-01	2.169E+00	3.569E+03	8.840E+02	8.616E-01
245	4	16	-3.450E-01	3.941E-01	-9.411E-01	2.022E+03	2.430E+03	1.327E+03	1.036E+00	-9.865E-01	2.169E+00	3.569E+03	8.834E+02	8.616E-01
246	1	1	1.249E+00	2.982E+00	1.460E+00	-5.039E+02	-1.483E+02	2.400E+02	3.813E+00	4.177E-01	1.053E+00	-2.744E+01	-6.248E+02	1.104E+00
246	1	2	1.251E+00	2.982E+00	1.462E+00	-5.047E+02	-1.492E+02	2.393E+02	3.816E+00	4.172E-01	1.053E+00	-2.891E+01	-6.250E+02	1.105E+00
246	1	3	1.110E+00	8.389E-01	8.441E-01	-4.658E+02	2.967E+02	2.598E+02	1.829E+00	1.194E-01	7.059E-01	3.768E+02	-5.459E+02	1.272E+00
246	1	4	1.111E+00	8.396E-01	8.462E-01	-4.665E+02	2.957E+02	2.591E+02	1.832E+00	1.183E-01	7.058E-01	3.754E+02	-5.462E+02	1.272E+00
246	1	5	1.263E+00	3.013E+00	1.477E+00	-5.079E+02	-1.566E+02	2.374E+02	3.855E+00	4.212E-01	1.053E+00	-3.697E+01	-6.275E+02	1.104E+00
246	1	6	1.265E+00	3.014E+00	1.480E+00	-5.086E+02	-1.576E+02	2.367E+02	3.858E+00	4.207E-01	1.052E+00	-3.844E+01	-6.277E+02	1.104E+00
246	1	7	1.124E+00	8.704E-01	8.612E-01	-4.697E+02	2.883E+02	2.572E+02	1.868E+00	1.265E-01	7.124E-01	3.673E+02	-5.488E+02	1.273E+00
246	1	8	1.125E+00	8.710E-01	8.634E-01	-4.704E+02	2.874E+02	2.565E+02	1.871E+00	1.254E-01	7.123E-01	3.660E+02	-5.491E+02	1.273E+00
246	1	9	3.785E-01	-1.217E+00	-4.606E-02	-2.968E+02	7.515E+02	3.394E+02	3.798E-01	-1.219E+00	-2.883E-02	8.518E+02	-3.971E+02	1.283E+00
246	1	10	3.800E-01	-1.217E+00	-4.392E-02	-2.975E+02	7.506E+02	3.387E+02	3.812E-01	-1.218E+00	-2.748E-02	8.505E+02	-3.975E+02	1.284E+00
246	1	11	2.387E-01	-3.360E+00	-6.623E-01	-2.586E+02	1.196E+03	3.593E+02	3.568E-01	-3.478E+00	-1.763E-01	1.280E+03	-3.425E+02	1.341E+00
246	1	12	2.403E-01	-3.359E+00	-6.601E-01	-2.594E+02	1.196E+03	3.586E+02	3.575E-01	-3.477E+00	-1.758E-01	1.279E+03	-3.429E+02	1.342E+00

246	1	13	3.925E-01	-1.186E+00	-2.893E-02	-3.007E+02	7.432E+02	3.369E+02	3.930E-01	-1.186E+00	-1.832E-02	8.424E+02	-4.000E+02	1.284E+00
246	1	14	3.940E-01	-1.185E+00	-2.678E-02	-3.014E+02	7.422E+02	3.362E+02	3.945E-01	-1.186E+00	-1.695E-02	8.411E+02	-4.004E+02	1.285E+00
246	1	15	2.527E-01	-3.329E+00	-6.451E-01	-2.626E+02	1.188E+03	3.567E+02	3.654E-01	-3.441E+00	-1.729E-01	1.271E+03	-3.455E+02	1.342E+00
246	1	16	2.542E-01	-3.328E+00	-6.430E-01	-2.633E+02	1.187E+03	3.560E+02	3.662E-01	-3.440E+00	-1.723E-01	1.270E+03	-3.460E+02	1.343E+00
246	2	1	1.311E-02	3.016E+00	1.521E+00	-2.061E+02	-4.263E+03	1.505E+01	3.652E+00	-6.229E-01	1.175E+00	-2.060E+02	-4.263E+03	3.711E-03
246	2	2	1.392E-02	3.016E+00	1.523E+00	-2.064E+02	-4.264E+03	1.407E+01	3.653E+00	-6.233E-01	1.174E+00	-2.063E+02	-4.264E+03	3.468E-03
246	2	3	7.620E-03	1.030E+00	1.077E+00	-2.305E+02	-3.921E+03	-3.163E+01	1.711E+00	-6.738E-01	1.007E+00	-2.303E+02	-3.922E+03	-8.570E-03
246	2	4	8.424E-03	1.030E+00	1.079E+00	-2.308E+02	-3.922E+03	-3.262E+01	1.713E+00	-6.746E-01	1.006E+00	-2.306E+02	-3.922E+03	-8.836E-03
246	2	5	1.374E-02	3.047E+00	1.538E+00	-2.058E+02	-4.266E+03	1.214E+01	3.691E+00	-6.298E-01	1.175E+00	-2.057E+02	-4.266E+03	2.991E-03
246	2	6	1.455E-02	3.047E+00	1.540E+00	-2.061E+02	-4.266E+03	1.116E+01	3.692E+00	-6.302E-01	1.174E+00	-2.060E+02	-4.266E+03	2.748E-03
246	2	7	8.250E-03	1.061E+00	1.094E+00	-2.302E+02	-3.924E+03	-3.455E+01	1.749E+00	-6.798E-01	1.010E+00	-2.299E+02	-3.924E+03	-9.352E-03
246	2	8	9.054E-03	1.061E+00	1.096E+00	-2.305E+02	-3.925E+03	-3.553E+01	1.751E+00	-6.805E-01	1.009E+00	-2.302E+02	-3.925E+03	-9.617E-03
246	2	9	-3.331E-02	-9.665E-01	2.074E-01	-3.037E+02	-3.832E+03	1.952E+02	1.072E-02	-1.010E+00	2.092E-01	-2.930E+02	-3.843E+03	5.510E-02
246	2	10	-3.251E-02	-9.664E-01	2.089E-01	-3.040E+02	-3.833E+03	1.942E+02	1.209E-02	-1.011E+00	2.103E-01	-2.934E+02	-3.843E+03	5.482E-02
246	2	11	-3.881E-02	-2.952E+00	-2.364E-01	-3.282E+02	-3.490E+03	1.485E+02	-1.975E-02	-2.971E+00	-8.045E-02	-3.213E+02	-3.497E+03	4.683E-02
246	2	12	-3.800E-02	-2.952E+00	-2.350E-01	-3.285E+02	-3.491E+03	1.475E+02	-1.918E-02	-2.971E+00	-7.993E-02	-3.216E+02	-3.498E+03	4.652E-02
246	2	13	-3.268E-02	-9.352E-01	2.244E-01	-3.034E+02	-3.835E+03	1.923E+02	2.003E-02	-9.879E-01	2.307E-01	-2.930E+02	-3.845E+03	5.424E-02
246	2	14	-3.188E-02	-9.351E-01	2.259E-01	-3.037E+02	-3.835E+03	1.913E+02	2.146E-02	-9.884E-01	2.319E-01	-2.934E+02	-3.846E+03	5.396E-02
246	2	15	-3.818E-02	-2.921E+00	-2.195E-01	-3.279E+02	-3.493E+03	1.456E+02	-2.157E-02	-2.938E+00	-7.554E-02	-3.212E+02	-3.500E+03	4.588E-02
246	2	16	-3.737E-02	-2.921E+00	-2.180E-01	-3.282E+02	-3.494E+03	1.446E+02	-2.099E-02	-2.937E+00	-7.502E-02	-3.216E+02	-3.500E+03	4.556E-02
246	3	1	-1.205E+00	2.981E+00	1.600E+00	-9.175E+02	-8.229E+03	-2.777E+01	3.522E+00	-1.746E+00	1.244E+00	-9.174E+02	-8.229E+03	-3.798E-03
246	3	2	-1.206E+00	2.981E+00	1.600E+00	-9.177E+02	-8.229E+03	-2.882E+01	3.523E+00	-1.747E+00	1.244E+00	-9.175E+02	-8.229E+03	-3.942E-03
246	3	3	-9.431E-01	8.380E-01	1.328E+00	-8.364E+02	-7.949E+03	-1.144E+01	1.547E+00	-1.652E+00	1.081E+00	-8.364E+02	-7.949E+03	-1.608E-03
246	3	4	-9.435E-01	8.387E-01	1.329E+00	-8.366E+02	-7.949E+03	-1.249E+01	1.548E+00	-1.653E+00	1.081E+00	-8.366E+02	-7.949E+03	-1.756E-03
246	3	5	-1.218E+00	3.012E+00	1.616E+00	-9.148E+02	-8.226E+03	-3.002E+01	3.559E+00	-1.765E+00	1.245E+00	-9.147E+02	-8.226E+03	-4.106E-03
246	3	6	-1.218E+00	3.013E+00	1.617E+00	-9.150E+02	-8.226E+03	-3.107E+01	3.560E+00	-1.766E+00	1.244E+00	-9.149E+02	-8.226E+03	-4.250E-03
246	3	7	-9.559E-01	8.694E-01	1.345E+00	-8.337E+02	-7.946E+03	-1.368E+01	1.582E+00	-1.669E+00	1.083E+00	-8.337E+02	-7.946E+03	-1.924E-03
246	3	8	-9.564E-01	8.701E-01	1.346E+00	-8.339E+02	-7.946E+03	-1.474E+01	1.583E+00	-1.670E+00	1.083E+00	-8.339E+02	-7.946E+03	-2.072E-03
246	3	9	-2.204E-01	-1.218E+00	4.430E-01	-1.105E+03	-8.468E+03	1.179E+02	-5.199E-02	-1.386E+00	3.632E-01	-1.103E+03	-8.470E+03	1.600E-02
246	3	10	-2.208E-01	-1.217E+00	4.438E-01	-1.105E+03	-8.468E+03	1.168E+02	-5.173E-02	-1.386E+00	3.639E-01	-1.103E+03	-8.470E+03	1.586E-02
246	3	11	4.168E-02	-3.360E+00	1.716E-01	-1.023E+03	-8.188E+03	1.342E+02	5.031E-02	-3.369E+00	5.027E-02	-1.021E+03	-8.191E+03	1.873E-02
246	3	12	4.125E-02	-3.360E+00	1.724E-01	-1.024E+03	-8.188E+03	1.332E+02	4.997E-02	-3.368E+00	5.052E-02	-1.021E+03	-8.191E+03	1.858E-02
246	3	13	-2.332E-01	-1.186E+00	4.598E-01	-1.102E+03	-8.465E+03	1.156E+02	-4.751E-02	-1.372E+00	3.838E-01	-1.100E+03	-8.467E+03	1.570E-02
246	3	14	-2.336E-01	-1.186E+00	4.606E-01	-1.102E+03	-8.465E+03	1.146E+02	-4.722E-02	-1.372E+00	3.845E-01	-1.100E+03	-8.467E+03	1.556E-02
246	3	15	2.884E-02	-3.329E+00	1.884E-01	-1.021E+03	-8.185E+03	1.320E+02	3.938E-02	-3.339E+00	5.587E-02	-1.018E+03	-8.188E+03	1.841E-02
246	3	16	2.841E-02	-3.328E+00	1.892E-01	-1.021E+03	-8.186E+03	1.309E+02	3.904E-02	-3.339E+00	5.613E-02	-1.019E+03	-8.188E+03	1.827E-02
246	4	1	2.221E-01	2.948E+00	1.521E+00	-8.566E+02	-4.265E+03	7.317E+02	3.628E+00	-4.571E-01	1.151E+00	-7.062E+02	-4.415E+03	2.028E-01
246	4	2	2.224E-01	2.950E+00	1.522E+00	-8.571E+02	-4.265E+03	7.305E+02	3.630E+00	-4.577E-01	1.151E+00	-7.071E+02	-4.415E+03	2.025E-01
246	4	3	3.499E-01	6.491E-01	1.077E+00	-7.454E+02	-3.882E+03	6.865E+02	1.587E+00	-5.879E-01	8.544E-01	-6.017E+02	-4.025E+03	2.063E-01
246	4	4	3.502E-01	6.503E-01	1.079E+00	-7.458E+02	-3.882E+03	6.853E+02	1.589E+00	-5.887E-01	8.545E-01	-6.026E+02	-4.025E+03	2.060E-01
246	4	5	2.226E-01	2.980E+00	1.538E+00	-8.579E+02	-4.268E+03	7.264E+02	3.667E+00	-4.640E-01	1.151E+00	-7.096E+02	-4.416E+03	2.014E-01
246	4	6	2.229E-01	2.981E+00	1.539E+00	-8.584E+02	-4.268E+03	7.253E+02	3.669E+00	-4.647E-01	1.151E+00	-7.105E+02	-4.416E+03	2.011E-01
246	4	7	3.504E-01	6.807E-01	1.094E+00	-7.467E+02	-3.885E+03	6.812E+02	1.622E+00	-5.909E-01	8.603E-01	-6.051E+02	-4.026E+03	2.048E-01

246	4	8	3.507E-01	6.819E-01	1.096E+00	-7.471E+02	-3.885E+03	6.801E+02	1.624E+00	-5.917E-01	8.604E-01	-6.061E+02	-4.026E+03	2.045E-01
246	4	9	5.571E-04	-1.470E+00	2.073E-01	-7.106E+02	-3.733E+03	9.833E+02	2.922E-02	-1.499E+00	1.374E-01	-4.189E+02	-4.025E+03	2.884E-01
246	4	10	8.507E-04	-1.469E+00	2.088E-01	-7.111E+02	-3.734E+03	9.821E+02	2.993E-02	-1.498E+00	1.384E-01	-4.200E+02	-4.025E+03	2.881E-01
246	4	11	1.283E-01	-3.770E+00	-2.365E-01	-5.994E+02	-3.350E+03	9.381E+02	1.426E-01	-3.784E+00	-6.037E-02	-3.099E+02	-3.640E+03	2.993E-01
246	4	12	1.286E-01	-3.769E+00	-2.350E-01	-5.998E+02	-3.351E+03	9.369E+02	1.427E-01	-3.783E+00	-6.001E-02	-3.110E+02	-3.639E+03	2.990E-01
246	4	13	1.057E-03	-1.439E+00	2.243E-01	-7.119E+02	-3.736E+03	9.780E+02	3.518E-02	-1.473E+00	1.510E-01	-4.232E+02	-4.025E+03	2.870E-01
246	4	14	1.351E-03	-1.438E+00	2.258E-01	-7.124E+02	-3.737E+03	9.769E+02	3.594E-02	-1.472E+00	1.520E-01	-4.243E+02	-4.025E+03	2.868E-01
246	4	15	1.288E-01	-3.738E+00	-2.195E-01	-6.007E+02	-3.353E+03	9.328E+02	1.412E-01	-3.751E+00	-5.652E-02	-3.143E+02	-3.640E+03	2.978E-01
246	4	16	1.291E-01	-3.737E+00	-2.180E-01	-6.011E+02	-3.354E+03	9.317E+02	1.414E-01	-3.749E+00	-5.616E-02	-3.154E+02	-3.639E+03	2.975E-01
247	1	1	-1.186E+00	3.088E+00	-1.520E+00	-9.211E+02	-8.228E+03	6.370E+01	3.573E+00	-1.671E+00	1.880E+00	-9.205E+02	-8.229E+03	8.716E-03
247	1	2	-1.185E+00	3.092E+00	-1.519E+00	-9.211E+02	-8.228E+03	6.255E+01	3.576E+00	-1.670E+00	1.880E+00	-9.205E+02	-8.229E+03	8.559E-03
247	1	3	-9.885E-01	5.121E-01	-1.468E+00	-8.178E+02	-7.962E+03	1.407E+02	1.410E+00	-1.887E+00	2.120E+00	-8.150E+02	-7.965E+03	1.968E-02
247	1	4	-9.885E-01	5.156E-01	-1.467E+00	-8.178E+02	-7.963E+03	1.395E+02	1.412E+00	-1.885E+00	2.119E+00	-8.151E+02	-7.965E+03	1.952E-02
247	1	5	-1.197E+00	3.126E+00	-1.534E+00	-9.183E+02	-8.226E+03	6.236E+01	3.615E+00	-1.687E+00	1.879E+00	-9.178E+02	-8.226E+03	8.533E-03
247	1	6	-1.197E+00	3.129E+00	-1.534E+00	-9.183E+02	-8.226E+03	6.121E+01	3.618E+00	-1.686E+00	1.879E+00	-9.178E+02	-8.226E+03	8.376E-03
247	1	7	-1.000E+00	5.497E-01	-1.482E+00	-8.150E+02	-7.960E+03	1.393E+02	1.447E+00	-1.898E+00	2.115E+00	-8.123E+02	-7.963E+03	1.949E-02
247	1	8	-1.000E+00	5.533E-01	-1.482E+00	-8.150E+02	-7.960E+03	1.382E+02	1.449E+00	-1.896E+00	2.115E+00	-8.124E+02	-7.963E+03	1.933E-02
247	1	9	-1.795E-01	-9.219E-01	-3.145E-01	-1.107E+03	-8.467E+03	-5.692E+01	-6.420E-02	-1.037E+00	-3.514E-01	-1.107E+03	-8.467E+03	-7.733E-03
247	1	10	-1.795E-01	-9.183E-01	-3.140E-01	-1.107E+03	-8.467E+03	-5.806E+01	-6.412E-02	-1.034E+00	-3.522E-01	-1.107E+03	-8.467E+03	-7.889E-03
247	1	11	1.752E-02	-3.498E+00	-2.624E-01	-1.004E+03	-8.201E+03	2.007E+01	3.700E-02	-3.517E+00	-7.410E-02	-1.004E+03	-8.201E+03	2.788E-03
247	1	12	1.753E-02	-3.494E+00	-2.619E-01	-1.004E+03	-8.201E+03	1.892E+01	3.695E-02	-3.514E+00	-7.403E-02	-1.004E+03	-8.201E+03	2.629E-03
247	1	13	-1.914E-01	-8.843E-01	-3.288E-01	-1.104E+03	-8.464E+03	-5.826E+01	-6.019E-02	-1.015E+00	-3.797E-01	-1.104E+03	-8.465E+03	-7.915E-03
247	1	14	-1.914E-01	-8.807E-01	-3.283E-01	-1.104E+03	-8.464E+03	-5.940E+01	-6.007E-02	-1.012E+00	-3.806E-01	-1.104E+03	-8.465E+03	-8.070E-03
247	1	15	5.609E-03	-3.460E+00	-2.768E-01	-1.001E+03	-8.198E+03	1.873E+01	2.757E-02	-3.482E+00	-7.919E-02	-1.001E+03	-8.198E+03	2.602E-03
247	1	16	5.613E-03	-3.457E+00	-2.762E-01	-1.001E+03	-8.199E+03	1.758E+01	2.752E-02	-3.479E+00	-7.912E-02	-1.001E+03	-8.199E+03	2.443E-03
247	2	1	-2.892E-02	3.067E+00	-1.511E+00	-1.991E+02	-4.278E+03	-2.586E+02	3.682E+00	-6.438E-01	1.957E+00	-1.828E+02	-4.295E+03	-6.307E-02
247	2	2	-2.969E-02	3.071E+00	-1.510E+00	-1.987E+02	-4.278E+03	-2.598E+02	3.685E+00	-6.434E-01	1.957E+00	-1.823E+02	-4.295E+03	-6.334E-02
247	2	3	-4.986E-02	7.639E-01	-1.159E+00	-2.447E+02	-3.881E+03	-1.283E+02	1.585E+00	-8.709E-01	2.187E+00	-2.402E+02	-3.886E+03	-3.523E-02
247	2	4	-5.063E-02	7.677E-01	-1.158E+00	-2.443E+02	-3.881E+03	-1.295E+02	1.587E+00	-8.695E-01	2.186E+00	-2.397E+02	-3.886E+03	-3.554E-02
247	2	5	-2.968E-02	3.105E+00	-1.525E+00	-1.978E+02	-4.280E+03	-2.594E+02	3.724E+00	-6.494E-01	1.957E+00	-1.814E+02	-4.297E+03	-6.319E-02
247	2	6	-3.045E-02	3.108E+00	-1.525E+00	-1.974E+02	-4.280E+03	-2.605E+02	3.727E+00	-6.490E-01	1.956E+00	-1.809E+02	-4.297E+03	-6.347E-02
247	2	7	-5.063E-02	8.013E-01	-1.173E+00	-2.433E+02	-3.883E+03	-1.291E+02	1.624E+00	-8.729E-01	2.182E+00	-2.388E+02	-3.888E+03	-3.539E-02
247	2	8	-5.139E-02	8.050E-01	-1.173E+00	-2.430E+02	-3.883E+03	-1.302E+02	1.625E+00	-8.715E-01	2.181E+00	-2.383E+02	-3.888E+03	-3.571E-02
247	2	9	3.527E-02	-7.341E-01	-1.409E-01	-2.702E+02	-3.821E+03	-1.227E+02	6.027E-02	-7.590E-01	-1.756E-01	-2.659E+02	-3.826E+03	-3.448E-02
247	2	10	3.450E-02	-7.303E-01	-1.401E-01	-2.698E+02	-3.821E+03	-1.238E+02	5.938E-02	-7.552E-01	-1.756E-01	-2.655E+02	-3.826E+03	-3.481E-02
247	2	11	1.433E-02	-3.037E+00	2.111E-01	-3.157E+02	-3.424E+03	7.665E+00	2.886E-02	-3.052E+00	6.873E-02	-3.157E+02	-3.425E+03	2.466E-03
247	2	12	1.356E-02	-3.034E+00	2.118E-01	-3.154E+02	-3.424E+03	6.500E+00	2.822E-02	-3.048E+00	6.908E-02	-3.154E+02	-3.425E+03	2.091E-03
247	2	13	3.451E-02	-6.967E-01	-1.556E-01	-2.688E+02	-3.823E+03	-1.234E+02	6.624E-02	-7.285E-01	-2.012E-01	-2.646E+02	-3.828E+03	-3.466E-02
247	2	14	3.374E-02	-6.930E-01	-1.548E-01	-2.685E+02	-3.823E+03	-1.245E+02	6.536E-02	-7.246E-01	-2.014E-01	-2.641E+02	-3.828E+03	-3.498E-02
247	2	15	1.357E-02	-3.000E+00	1.964E-01	-3.144E+02	-3.426E+03	6.935E+00	2.631E-02	-3.013E+00	6.480E-02	-3.144E+02	-3.426E+03	2.228E-03
247	2	16	1.280E-02	-2.996E+00	1.971E-01	-3.140E+02	-3.426E+03	5.770E+00	2.566E-02	-3.009E+00	6.514E-02	-3.140E+02	-3.426E+03	1.854E-03
247	3	1	1.231E+00	3.089E+00	-1.516E+00	-4.938E+02	-1.853E+02	-2.737E+02	3.938E+00	3.820E-01	2.081E+00	-2.537E+01	-6.538E+02	2.100E+00
247	3	2	1.230E+00	3.093E+00	-1.515E+00	-4.932E+02	-1.853E+02	-2.745E+02	3.940E+00	3.827E-01	2.081E+00	-2.455E+01	-6.539E+02	2.101E+00

247	3	3	1.224E+00	5.130E-01	-8.644E-01	-4.831E+02	4.072E+02	-2.833E+02	1.803E+00	-6.606E-02	-5.903E-01	4.897E+02	-5.656E+02	1.854E+00
247	3	4	1.223E+00	5.166E-01	-8.635E-01	-4.824E+02	4.073E+02	-2.840E+02	1.803E+00	-6.313E-02	-5.913E-01	4.902E+02	-5.654E+02	1.855E+00
247	3	5	1.241E+00	3.127E+00	-1.531E+00	-4.958E+02	-1.930E+02	-2.735E+02	3.982E+00	3.859E-01	2.080E+00	-3.181E+01	-6.570E+02	2.103E+00
247	3	6	1.240E+00	3.130E+00	-1.530E+00	-4.951E+02	-1.930E+02	-2.742E+02	3.984E+00	3.865E-01	2.080E+00	-3.098E+01	-6.571E+02	2.104E+00
247	3	7	1.234E+00	5.507E-01	-8.795E-01	-4.850E+02	3.995E+02	-2.830E+02	1.836E+00	-5.103E-02	-6.000E-01	4.823E+02	-5.679E+02	1.855E+00
247	3	8	1.233E+00	5.542E-01	-8.785E-01	-4.844E+02	3.996E+02	-2.837E+02	1.835E+00	-4.814E-02	-6.011E-01	4.828E+02	-5.676E+02	1.856E+00
247	3	9	2.879E-01	-9.216E-01	4.818E-02	-2.465E+02	7.444E+02	-3.950E+02	2.898E-01	-9.235E-01	3.975E-02	8.826E+02	-3.847E+02	1.907E+00
247	3	10	2.865E-01	-9.181E-01	4.915E-02	-2.458E+02	7.445E+02	-3.957E+02	2.885E-01	-9.201E-01	4.071E-02	8.831E+02	-3.845E+02	1.908E+00
247	3	11	2.808E-01	-3.498E+00	7.001E-01	-2.358E+02	1.337E+03	-4.045E+02	4.063E-01	-3.623E+00	1.774E-01	1.435E+03	-3.338E+02	1.808E+00
247	3	12	2.794E-01	-3.494E+00	7.010E-01	-2.351E+02	1.337E+03	-4.052E+02	4.054E-01	-3.620E+00	1.779E-01	1.435E+03	-3.334E+02	1.809E+00
247	3	13	2.980E-01	-8.840E-01	3.314E-02	-2.484E+02	7.367E+02	-3.948E+02	2.989E-01	-8.849E-01	2.801E-02	8.754E+02	-3.871E+02	1.909E+00
247	3	14	2.966E-01	-8.804E-01	3.411E-02	-2.477E+02	7.367E+02	-3.955E+02	2.976E-01	-8.814E-01	2.895E-02	8.759E+02	-3.869E+02	1.909E+00
247	3	15	2.909E-01	-3.460E+00	6.850E-01	-2.377E+02	1.329E+03	-4.043E+02	4.121E-01	-3.581E+00	1.751E-01	1.427E+03	-3.359E+02	1.809E+00
247	3	16	2.896E-01	-3.457E+00	6.860E-01	-2.370E+02	1.329E+03	-4.050E+02	4.112E-01	-3.578E+00	1.755E-01	1.428E+03	-3.356E+02	1.809E+00
247	4	1	-1.175E-02	3.112E+00	-1.510E+00	-8.673E+02	-4.284E+03	-8.193E+02	3.723E+00	-6.224E-01	1.955E+00	-6.810E+02	-4.471E+03	-2.236E-01
247	4	2	-1.235E-02	3.115E+00	-1.509E+00	-8.671E+02	-4.285E+03	-8.207E+02	3.725E+00	-6.220E-01	1.955E+00	-6.802E+02	-4.472E+03	-2.239E-01
247	4	3	1.991E-01	2.633E-01	-1.158E+00	-7.423E+02	-3.823E+03	-6.902E+02	1.390E+00	-9.274E-01	2.342E+00	-5.948E+02	-3.971E+03	-2.106E-01
247	4	4	1.985E-01	2.667E-01	-1.157E+00	-7.421E+02	-3.823E+03	-6.915E+02	1.391E+00	-9.254E-01	2.341E+00	-5.940E+02	-3.971E+03	-2.110E-01
247	4	5	-1.277E-02	3.150E+00	-1.525E+00	-8.678E+02	-4.288E+03	-8.182E+02	3.765E+00	-6.282E-01	1.954E+00	-6.821E+02	-4.473E+03	-2.232E-01
247	4	6	-1.337E-02	3.153E+00	-1.524E+00	-8.676E+02	-4.288E+03	-8.196E+02	3.768E+00	-6.277E-01	1.954E+00	-6.813E+02	-4.474E+03	-2.235E-01
247	4	7	1.981E-01	3.012E-01	-1.173E+00	-7.428E+02	-3.826E+03	-6.891E+02	1.424E+00	-9.244E-01	2.334E+00	-5.958E+02	-3.973E+03	-2.102E-01
247	4	8	1.975E-01	3.046E-01	-1.172E+00	-7.426E+02	-3.826E+03	-6.904E+02	1.424E+00	-9.223E-01	2.333E+00	-5.951E+02	-3.974E+03	-2.105E-01
247	4	9	1.596E-01	-1.112E+00	-1.408E-01	-6.930E+02	-3.751E+03	-1.079E+03	1.750E-01	-1.127E+00	-1.090E-01	-3.506E+02	-4.094E+03	-3.073E-01
247	4	10	1.590E-01	-1.108E+00	-1.401E-01	-6.928E+02	-3.751E+03	-1.080E+03	1.743E-01	-1.124E+00	-1.088E-01	-3.496E+02	-4.095E+03	-3.075E-01
247	4	11	3.705E-01	-3.960E+00	2.111E-01	-5.680E+02	-3.290E+03	-9.500E+02	3.808E-01	-3.971E+00	4.860E-02	-2.693E+02	-3.589E+03	-3.047E-01
247	4	12	3.699E-01	-3.957E+00	2.119E-01	-5.678E+02	-3.290E+03	-9.513E+02	3.803E-01	-3.967E+00	4.882E-02	-2.683E+02	-3.590E+03	-3.050E-01
247	4	13	1.586E-01	-1.074E+00	-1.555E-01	-6.935E+02	-3.754E+03	-1.078E+03	1.779E-01	-1.093E+00	-1.236E-01	-3.519E+02	-4.096E+03	-3.068E-01
247	4	14	1.580E-01	-1.070E+00	-1.548E-01	-6.933E+02	-3.755E+03	-1.079E+03	1.772E-01	-1.089E+00	-1.234E-01	-3.510E+02	-4.097E+03	-3.071E-01
247	4	15	3.695E-01	-3.922E+00	1.964E-01	-5.685E+02	-3.293E+03	-9.489E+02	3.785E-01	-3.931E+00	4.564E-02	-2.706E+02	-3.591E+03	-3.042E-01
247	4	16	3.689E-01	-3.919E+00	1.972E-01	-5.683E+02	-3.293E+03	-9.502E+02	3.780E-01	-3.928E+00	4.586E-02	-2.697E+02	-3.592E+03	-3.045E-01
248	1	1	7.549E-01	-6.448E-01	2.449E-01	1.365E+03	4.003E+03	-7.567E+02	7.965E-01	-6.864E-01	1.683E-01	4.205E+03	1.164E+03	1.831E+00
248	1	2	7.532E-01	-6.432E-01	2.417E-01	1.366E+03	4.005E+03	-7.573E+02	7.939E-01	-6.838E-01	1.666E-01	4.207E+03	1.164E+03	1.831E+00
248	1	3	1.123E+00	-7.210E-01	1.109E+00	1.269E+03	3.632E+03	-7.812E+02	1.643E+00	-1.241E+00	4.386E-01	3.867E+03	1.034E+03	1.863E+00
248	1	4	1.121E+00	-7.194E-01	1.105E+00	1.270E+03	3.634E+03	-7.818E+02	1.639E+00	-1.237E+00	4.383E-01	3.869E+03	1.035E+03	1.863E+00
248	1	5	7.589E-01	-6.481E-01	2.448E-01	1.363E+03	4.004E+03	-7.566E+02	8.002E-01	-6.895E-01	1.674E-01	4.205E+03	1.162E+03	1.831E+00
248	1	6	7.572E-01	-6.465E-01	2.415E-01	1.364E+03	4.006E+03	-7.572E+02	7.976E-01	-6.869E-01	1.657E-01	4.207E+03	1.163E+03	1.831E+00
248	1	7	1.127E+00	-7.243E-01	1.108E+00	1.267E+03	3.632E+03	-7.811E+02	1.645E+00	-1.243E+00	4.375E-01	3.867E+03	1.033E+03	1.863E+00
248	1	8	1.125E+00	-7.228E-01	1.105E+00	1.268E+03	3.634E+03	-7.817E+02	1.642E+00	-1.239E+00	4.372E-01	3.869E+03	1.033E+03	1.863E+00
248	1	9	3.033E-01	-2.612E-01	8.904E-01	1.614E+03	3.726E+03	-8.340E+02	9.552E-01	-9.130E-01	6.319E-01	4.016E+03	1.324E+03	1.905E+00
248	1	10	3.017E-01	-2.596E-01	8.871E-01	1.615E+03	3.728E+03	-8.346E+02	9.515E-01	-9.094E-01	6.322E-01	4.018E+03	1.325E+03	1.905E+00
248	1	11	6.712E-01	-3.374E-01	1.754E+00	1.518E+03	3.355E+03	-8.585E+02	1.992E+00	-1.658E+00	6.454E-01	3.694E+03	1.179E+03	1.947E+00
248	1	12	6.696E-01	-3.358E-01	1.751E+00	1.519E+03	3.357E+03	-8.591E+02	1.988E+00	-1.655E+00	6.456E-01	3.696E+03	1.180E+03	1.947E+00
248	1	13	3.073E-01	-2.645E-01	8.902E-01	1.612E+03	3.727E+03	-8.339E+02	9.564E-01	-9.136E-01	6.300E-01	4.016E+03	1.323E+03	1.905E+00

248	1	14	3.057E-01	-2.629E-01	8.869E-01	1.613E+03	3.729E+03	-8.345E+02	9.528E-01	-9.100E-01	6.303E-01	4.018E+03	1.323E+03	1.905E+00
248	1	15	6.752E-01	-3.408E-01	1.754E+00	1.516E+03	3.356E+03	-8.584E+02	1.993E+00	-1.659E+00	6.444E-01	3.694E+03	1.178E+03	1.946E+00
248	1	16	6.735E-01	-3.392E-01	1.751E+00	1.517E+03	3.357E+03	-8.590E+02	1.990E+00	-1.655E+00	6.446E-01	3.696E+03	1.178E+03	1.946E+00
248	2	1	-2.571E-02	-2.002E-01	1.332E-01	3.800E+02	1.814E+03	-1.186E+03	4.623E-02	-2.722E-01	4.953E-01	2.482E+03	-2.887E+02	2.084E+00
248	2	2	-2.539E-02	-1.964E-01	1.314E-01	3.801E+02	1.815E+03	-1.186E+03	4.588E-02	-2.677E-01	4.970E-01	2.484E+03	-2.887E+02	2.084E+00
248	2	3	-1.125E-02	-1.214E+00	5.467E-01	4.229E+02	1.686E+03	-1.102E+03	2.002E-01	-1.425E+00	3.690E-01	2.325E+03	-2.153E+02	2.096E+00
248	2	4	-1.093E-02	-1.210E+00	5.450E-01	4.230E+02	1.687E+03	-1.102E+03	1.998E-01	-1.421E+00	3.689E-01	2.326E+03	-2.153E+02	2.096E+00
248	2	5	-2.535E-02	-1.994E-01	1.328E-01	3.788E+02	1.813E+03	-1.186E+03	4.638E-02	-2.711E-01	4.953E-01	2.483E+03	-2.903E+02	2.084E+00
248	2	6	-2.503E-02	-1.956E-01	1.310E-01	3.789E+02	1.814E+03	-1.187E+03	4.604E-02	-2.666E-01	4.970E-01	2.484E+03	-2.903E+02	2.084E+00
248	2	7	-1.089E-02	-1.213E+00	5.464E-01	4.218E+02	1.686E+03	-1.102E+03	2.003E-01	-1.424E+00	3.689E-01	2.325E+03	-2.169E+02	2.096E+00
248	2	8	-1.058E-02	-1.209E+00	5.446E-01	4.219E+02	1.687E+03	-1.103E+03	1.999E-01	-1.420E+00	3.688E-01	2.326E+03	-2.169E+02	2.096E+00
248	2	9	-5.167E-02	-9.487E-01	4.455E-01	4.967E+02	1.982E+03	-1.118E+03	1.320E-01	-1.132E+00	3.910E-01	2.581E+03	-1.029E+02	2.063E+00
248	2	10	-5.136E-02	-9.448E-01	4.437E-01	4.968E+02	1.983E+03	-1.118E+03	1.316E-01	-1.128E+00	3.910E-01	2.582E+03	-1.029E+02	2.063E+00
248	2	11	-3.722E-02	-1.962E+00	8.590E-01	5.396E+02	1.854E+03	-1.034E+03	2.904E-01	-2.290E+00	3.643E-01	2.422E+03	-2.829E+01	2.073E+00
248	2	12	-3.690E-02	-1.958E+00	8.573E-01	5.397E+02	1.855E+03	-1.034E+03	2.900E-01	-2.285E+00	3.643E-01	2.423E+03	-2.828E+01	2.073E+00
248	2	13	-5.132E-02	-9.478E-01	4.451E-01	4.956E+02	1.981E+03	-1.119E+03	1.321E-01	-1.131E+00	3.909E-01	2.581E+03	-1.045E+02	2.063E+00
248	2	14	-5.100E-02	-9.440E-01	4.434E-01	4.957E+02	1.982E+03	-1.119E+03	1.317E-01	-1.127E+00	3.909E-01	2.583E+03	-1.045E+02	2.063E+00
248	2	15	-3.686E-02	-1.961E+00	8.587E-01	5.385E+02	1.854E+03	-1.035E+03	2.906E-01	-2.289E+00	3.643E-01	2.422E+03	-2.987E+01	2.073E+00
248	2	16	-3.654E-02	-1.957E+00	8.569E-01	5.386E+02	1.855E+03	-1.035E+03	2.902E-01	-2.284E+00	3.642E-01	2.424E+03	-2.986E+01	2.073E+00
248	3	1	-4.053E-01	-2.189E-01	2.616E-01	2.209E+03	5.397E+02	-1.354E+03	-3.441E-02	-5.898E-01	9.566E-01	2.965E+03	-2.160E+02	-5.091E-01
248	3	2	-4.015E-01	-2.189E-01	2.596E-01	2.210E+03	5.397E+02	-1.354E+03	-3.501E-02	-5.854E-01	9.545E-01	2.966E+03	-2.163E+02	-5.091E-01
248	3	3	-1.288E+00	7.440E-02	6.334E-01	1.930E+03	4.541E+02	-1.213E+03	3.234E-01	-1.537E+00	1.196E+00	2.612E+03	-2.280E+02	-5.121E-01
248	3	4	-1.284E+00	7.439E-02	6.315E-01	1.931E+03	4.541E+02	-1.214E+03	3.226E-01	-1.532E+00	1.196E+00	2.613E+03	-2.283E+02	-5.121E-01
248	3	5	-4.069E-01	-2.206E-01	2.628E-01	2.214E+03	5.416E+02	-1.355E+03	-3.487E-02	-5.926E-01	9.558E-01	2.970E+03	-2.149E+02	-5.090E-01
248	3	6	-4.032E-01	-2.206E-01	2.609E-01	2.214E+03	5.416E+02	-1.356E+03	-3.547E-02	-5.883E-01	9.537E-01	2.971E+03	-2.152E+02	-5.091E-01
248	3	7	-1.290E+00	7.274E-02	6.347E-01	1.935E+03	4.560E+02	-1.215E+03	3.226E-01	-1.539E+00	1.196E+00	2.618E+03	-2.269E+02	-5.120E-01
248	3	8	-1.286E+00	7.272E-02	6.327E-01	1.935E+03	4.560E+02	-1.215E+03	3.218E-01	-1.535E+00	1.196E+00	2.618E+03	-2.272E+02	-5.121E-01
248	3	9	-1.110E+00	7.323E-02	6.007E-01	1.803E+03	3.669E+02	-1.214E+03	3.248E-01	-1.361E+00	1.174E+00	2.496E+03	-3.258E+02	-5.184E-01
248	3	10	-1.106E+00	7.321E-02	5.987E-01	1.803E+03	3.669E+02	-1.215E+03	3.239E-01	-1.357E+00	1.174E+00	2.497E+03	-3.261E+02	-5.184E-01
248	3	11	-1.992E+00	3.665E-01	9.725E-01	1.524E+03	2.814E+02	-1.074E+03	7.158E-01	-2.341E+00	1.226E+00	2.144E+03	-3.381E+02	-5.231E-01
248	3	12	-1.988E+00	3.665E-01	9.706E-01	1.524E+03	2.814E+02	-1.074E+03	7.150E-01	-2.337E+00	1.226E+00	2.144E+03	-3.383E+02	-5.232E-01
248	3	13	-1.111E+00	7.156E-02	6.020E-01	1.808E+03	3.689E+02	-1.216E+03	3.240E-01	-1.364E+00	1.174E+00	2.501E+03	-3.247E+02	-5.183E-01
248	3	14	-1.107E+00	7.155E-02	6.000E-01	1.808E+03	3.689E+02	-1.217E+03	3.232E-01	-1.359E+00	1.174E+00	2.502E+03	-3.250E+02	-5.183E-01
248	3	15	-1.994E+00	3.648E-01	9.738E-01	1.529E+03	2.833E+02	-1.076E+03	7.149E-01	-2.344E+00	1.226E+00	2.149E+03	-3.369E+02	-5.230E-01
248	3	16	-1.990E+00	3.648E-01	9.719E-01	1.529E+03	2.833E+02	-1.076E+03	7.141E-01	-2.339E+00	1.226E+00	2.149E+03	-3.372E+02	-5.230E-01
248	4	1	2.033E-02	-4.878E-01	3.832E-01	2.777E+03	3.197E+03	-2.008E+03	2.260E-01	-6.935E-01	4.927E-01	5.007E+03	9.679E+02	2.304E+00
248	4	2	2.212E-02	-4.901E-01	3.797E-01	2.778E+03	3.198E+03	-2.008E+03	2.240E-01	-6.920E-01	4.887E-01	5.007E+03	9.690E+02	2.304E+00
248	4	3	-5.088E-01	7.427E-01	1.205E+00	2.407E+03	2.804E+03	-1.781E+03	1.475E+00	-1.241E+00	1.025E+00	4.398E+03	8.140E+02	2.301E+00
248	4	4	-5.070E-01	7.405E-01	1.202E+00	2.408E+03	2.805E+03	-1.781E+03	1.471E+00	-1.237E+00	1.025E+00	4.399E+03	8.151E+02	2.301E+00
248	4	5	2.231E-02	-4.937E-01	3.847E-01	2.781E+03	3.200E+03	-2.013E+03	2.275E-01	-6.989E-01	4.900E-01	5.015E+03	9.664E+02	2.304E+00
248	4	6	2.410E-02	-4.959E-01	3.812E-01	2.782E+03	3.201E+03	-2.013E+03	2.255E-01	-6.973E-01	4.861E-01	5.015E+03	9.675E+02	2.304E+00
248	4	7	-5.068E-01	7.369E-01	1.207E+00	2.411E+03	2.808E+03	-1.786E+03	1.472E+00	-1.242E+00	1.023E+00	4.406E+03	8.125E+02	2.301E+00
248	4	8	-5.050E-01	7.346E-01	1.203E+00	2.412E+03	2.808E+03	-1.786E+03	1.468E+00	-1.239E+00	1.023E+00	4.407E+03	8.136E+02	2.301E+00

248	4	9	-3.996E-01	5.851E-01	1.036E+00	2.433E+03	2.830E+03	-1.555E+03	1.240E+00	-1.054E+00	1.007E+00	4.200E+03	1.064E+03	2.293E+00
248	4	10	-3.978E-01	5.828E-01	1.032E+00	2.434E+03	2.831E+03	-1.555E+03	1.235E+00	-1.050E+00	1.007E+00	4.201E+03	1.065E+03	2.293E+00
248	4	11	-9.287E-01	1.816E+00	1.858E+00	2.063E+03	2.438E+03	-1.328E+03	2.753E+00	-1.866E+00	1.103E+00	3.592E+03	9.096E+02	2.286E+00
248	4	12	-9.269E-01	1.813E+00	1.854E+00	2.065E+03	2.439E+03	-1.328E+03	2.749E+00	-1.862E+00	1.104E+00	3.592E+03	9.107E+02	2.286E+00
248	4	13	-3.976E-01	5.792E-01	1.037E+00	2.437E+03	2.834E+03	-1.560E+03	1.237E+00	-1.056E+00	1.005E+00	4.208E+03	1.062E+03	2.293E+00
248	4	14	-3.958E-01	5.770E-01	1.034E+00	2.438E+03	2.834E+03	-1.560E+03	1.233E+00	-1.052E+00	1.005E+00	4.209E+03	1.064E+03	2.293E+00
248	4	15	-9.268E-01	1.810E+00	1.859E+00	2.067E+03	2.441E+03	-1.333E+03	2.750E+00	-1.867E+00	1.103E+00	3.600E+03	9.081E+02	2.286E+00
248	4	16	-9.250E-01	1.808E+00	1.856E+00	2.068E+03	2.442E+03	-1.333E+03	2.746E+00	-1.863E+00	1.103E+00	3.600E+03	9.092E+02	2.287E+00
249	1	1	-8.586E-01	-3.893E+00	1.997E+00	2.650E+03	2.514E+03	-1.297E+03	1.321E-01	-4.883E+00	4.605E-01	3.880E+03	1.283E+03	-7.592E-01
249	1	2	-8.591E-01	-3.900E+00	1.999E+00	2.650E+03	2.516E+03	-1.297E+03	1.323E-01	-4.891E+00	4.603E-01	3.882E+03	1.284E+03	-7.597E-01
249	1	3	-3.808E-02	-3.945E+00	1.158E+00	2.395E+03	2.144E+03	-1.155E+03	2.795E-01	-4.262E+00	2.676E-01	3.431E+03	1.108E+03	-7.314E-01
249	1	4	-3.854E-02	-3.952E+00	1.161E+00	2.395E+03	2.147E+03	-1.155E+03	2.798E-01	-4.270E+00	2.677E-01	3.433E+03	1.109E+03	-7.319E-01
249	1	5	-8.643E-01	-3.936E+00	2.017E+00	2.654E+03	2.535E+03	-1.300E+03	1.347E-01	-4.935E+00	4.599E-01	3.896E+03	1.292E+03	-7.626E-01
249	1	6	-8.648E-01	-3.944E+00	2.019E+00	2.654E+03	2.537E+03	-1.301E+03	1.349E-01	-4.943E+00	4.597E-01	3.897E+03	1.294E+03	-7.630E-01
249	1	7	-4.381E-02	-3.989E+00	1.178E+00	2.399E+03	2.165E+03	-1.158E+03	2.813E-01	-4.314E+00	2.692E-01	3.446E+03	1.118E+03	-7.352E-01
249	1	8	-4.427E-02	-3.996E+00	1.181E+00	2.399E+03	2.168E+03	-1.159E+03	2.816E-01	-4.322E+00	2.693E-01	3.448E+03	1.119E+03	-7.357E-01
249	1	9	6.522E-01	-1.472E+00	-8.930E-02	2.089E+03	9.719E+02	-8.773E+02	6.560E-01	-1.475E+00	-4.194E-02	2.571E+03	4.905E+02	-5.019E-01
249	1	10	6.518E-01	-1.479E+00	-8.680E-02	2.089E+03	9.744E+02	-8.775E+02	6.553E-01	-1.482E+00	-4.065E-02	2.571E+03	4.922E+02	-5.024E-01
249	1	11	1.473E+00	-1.524E+00	-9.279E-01	1.834E+03	6.025E+02	-7.354E+02	1.737E+00	-1.788E+00	-2.772E-01	2.177E+03	2.591E+02	-4.369E-01
249	1	12	1.472E+00	-1.531E+00	-9.254E-01	1.834E+03	6.049E+02	-7.356E+02	1.735E+00	-1.793E+00	-2.761E-01	2.178E+03	2.610E+02	-4.374E-01
249	1	13	6.465E-01	-1.516E+00	-6.932E-02	2.093E+03	9.928E+02	-8.809E+02	6.487E-01	-1.518E+00	-3.202E-02	2.581E+03	5.043E+02	-5.063E-01
249	1	14	6.460E-01	-1.523E+00	-6.682E-02	2.093E+03	9.953E+02	-8.811E+02	6.481E-01	-1.525E+00	-3.077E-02	2.582E+03	5.061E+02	-5.068E-01
249	1	15	1.467E+00	-1.568E+00	-9.079E-01	1.838E+03	6.233E+02	-7.390E+02	1.718E+00	-1.819E+00	-2.696E-01	2.187E+03	2.741E+02	-4.415E-01
249	1	16	1.467E+00	-1.575E+00	-9.054E-01	1.838E+03	6.258E+02	-7.391E+02	1.716E+00	-1.824E+00	-2.685E-01	2.188E+03	2.760E+02	-4.420E-01
249	2	1	4.909E-01	-5.616E+00	1.611E+00	4.566E+03	-3.680E+03	-1.361E+03	8.899E-01	-6.015E+00	2.428E-01	4.784E+03	-3.899E+03	-1.594E-01
249	2	2	4.911E-01	-5.625E+00	1.613E+00	4.566E+03	-3.678E+03	-1.361E+03	8.905E-01	-6.025E+00	2.427E-01	4.785E+03	-3.896E+03	-1.594E-01
249	2	3	7.878E-01	-5.488E+00	6.806E-01	4.291E+03	-3.769E+03	-1.113E+03	8.607E-01	-5.561E+00	1.068E-01	4.442E+03	-3.920E+03	-1.347E-01
249	2	4	7.880E-01	-5.497E+00	6.825E-01	4.292E+03	-3.766E+03	-1.112E+03	8.612E-01	-5.570E+00	1.069E-01	4.443E+03	-3.917E+03	-1.347E-01
249	2	5	4.941E-01	-5.681E+00	1.625E+00	4.572E+03	-3.658E+03	-1.362E+03	8.958E-01	-6.083E+00	2.423E-01	4.791E+03	-3.878E+03	-1.598E-01
249	2	6	4.943E-01	-5.690E+00	1.627E+00	4.572E+03	-3.655E+03	-1.361E+03	8.964E-01	-6.092E+00	2.422E-01	4.792E+03	-3.875E+03	-1.598E-01
249	2	7	7.910E-01	-5.552E+00	6.947E-01	4.297E+03	-3.747E+03	-1.113E+03	8.662E-01	-5.628E+00	1.078E-01	4.449E+03	-3.898E+03	-1.350E-01
249	2	8	7.912E-01	-5.562E+00	6.966E-01	4.298E+03	-3.744E+03	-1.113E+03	8.667E-01	-5.637E+00	1.079E-01	4.449E+03	-3.895E+03	-1.350E-01
249	2	9	1.470E-02	-1.863E+00	-3.666E-01	3.891E+03	-5.017E+03	-8.621E+02	8.372E-02	-1.932E+00	-1.861E-01	3.974E+03	-5.100E+03	-9.559E-02
249	2	10	1.492E-02	-1.872E+00	-3.646E-01	3.892E+03	-5.015E+03	-8.617E+02	8.293E-02	-1.940E+00	-1.844E-01	3.975E+03	-5.097E+03	-9.557E-02
249	2	11	3.116E-01	-1.734E+00	-1.297E+00	3.617E+03	-5.106E+03	-6.137E+02	9.407E-01	-2.364E+00	-4.515E-01	3.660E+03	-5.149E+03	-6.989E-02
249	2	12	3.118E-01	-1.744E+00	-1.295E+00	3.618E+03	-5.104E+03	-6.133E+02	9.376E-01	-2.369E+00	-4.501E-01	3.661E+03	-5.146E+03	-6.986E-02
249	2	13	1.792E-02	-1.927E+00	-3.525E-01	3.898E+03	-4.995E+03	-8.627E+02	7.982E-02	-1.989E+00	-1.738E-01	3.980E+03	-5.078E+03	-9.583E-02
249	2	14	1.814E-02	-1.937E+00	-3.506E-01	3.898E+03	-4.992E+03	-8.623E+02	7.911E-02	-1.998E+00	-1.722E-01	3.981E+03	-5.075E+03	-9.580E-02
249	2	15	3.148E-01	-1.799E+00	-1.283E+00	3.623E+03	-5.084E+03	-6.143E+02	9.203E-01	-2.405E+00	-4.409E-01	3.666E+03	-5.127E+03	-7.009E-02
249	2	16	3.150E-01	-1.808E+00	-1.281E+00	3.624E+03	-5.081E+03	-6.139E+02	9.174E-01	-2.410E+00	-4.394E-01	3.667E+03	-5.124E+03	-7.006E-02
249	3	1	-1.700E-01	-4.035E+00	1.032E+00	2.129E+03	-1.161E+04	-1.199E+02	8.818E-02	-4.294E+00	2.452E-01	2.130E+03	-1.161E+04	-8.725E-03
249	3	2	-1.702E-01	-4.043E+00	1.033E+00	2.130E+03	-1.161E+04	-1.196E+02	8.817E-02	-4.301E+00	2.451E-01	2.131E+03	-1.161E+04	-8.706E-03
249	3	3	-3.626E-01	-3.842E+00	2.311E-01	2.155E+03	-1.126E+04	-4.236E+01	-3.473E-01	-3.857E+00	6.602E-02	2.155E+03	-1.126E+04	-3.158E-03

249	3	4	-3.628E-01	-3.849E+00	2.323E-01	2.156E+03	-1.126E+04	-4.208E+01	-3.473E-01	-3.865E+00	6.625E-02	2.156E+03	-1.126E+04	-3.138E-03
249	3	5	-1.697E-01	-4.081E+00	1.039E+00	2.132E+03	-1.160E+04	-1.202E+02	8.902E-02	-4.339E+00	2.441E-01	2.133E+03	-1.160E+04	-8.758E-03
249	3	6	-1.699E-01	-4.088E+00	1.040E+00	2.132E+03	-1.159E+04	-1.200E+02	8.901E-02	-4.347E+00	2.440E-01	2.133E+03	-1.159E+04	-8.739E-03
249	3	7	-3.623E-01	-3.887E+00	2.379E-01	2.158E+03	-1.124E+04	-4.271E+01	-3.463E-01	-3.903E+00	6.708E-02	2.158E+03	-1.124E+04	-3.187E-03
249	3	8	-3.625E-01	-3.895E+00	2.392E-01	2.158E+03	-1.124E+04	-4.243E+01	-3.463E-01	-3.911E+00	6.731E-02	2.158E+03	-1.124E+04	-3.166E-03
249	3	9	1.511E-01	-1.374E+00	-4.909E-01	1.988E+03	-1.240E+04	-3.331E+02	2.954E-01	-1.519E+00	-2.859E-01	1.995E+03	-1.240E+04	-2.314E-02
249	3	10	1.509E-01	-1.382E+00	-4.896E-01	1.988E+03	-1.239E+04	-3.328E+02	2.940E-01	-1.525E+00	-2.843E-01	1.996E+03	-1.240E+04	-2.313E-02
249	3	11	-4.143E-02	-1.181E+00	-1.292E+00	2.014E+03	-1.204E+04	-2.556E+02	8.005E-01	-2.023E+00	-5.777E-01	2.018E+03	-1.205E+04	-1.817E-02
249	3	12	-4.163E-02	-1.188E+00	-1.290E+00	2.014E+03	-1.204E+04	-2.553E+02	7.971E-01	-2.027E+00	-5.763E-01	2.019E+03	-1.205E+04	-1.815E-02
249	3	13	1.514E-01	-1.420E+00	-4.841E-01	1.990E+03	-1.238E+04	-3.334E+02	2.886E-01	-1.557E+00	-2.761E-01	1.998E+03	-1.239E+04	-2.319E-02
249	3	14	1.512E-01	-1.427E+00	-4.828E-01	1.991E+03	-1.238E+04	-3.332E+02	2.872E-01	-1.563E+00	-2.745E-01	1.998E+03	-1.239E+04	-2.317E-02
249	3	15	-4.113E-02	-1.226E+00	-1.285E+00	2.016E+03	-1.203E+04	-2.559E+02	7.812E-01	-2.049E+00	-5.693E-01	2.021E+03	-1.204E+04	-1.821E-02
249	3	16	-4.133E-02	-1.234E+00	-1.284E+00	2.017E+03	-1.203E+04	-2.556E+02	7.778E-01	-2.053E+00	-5.680E-01	2.021E+03	-1.203E+04	-1.819E-02
249	4	1	-7.982E-01	-2.308E+00	1.396E+00	4.173E+02	-5.724E+03	-1.844E+03	3.354E-02	-3.140E+00	5.375E-01	9.285E+02	-6.235E+03	-2.704E-01
249	4	2	-7.990E-01	-2.313E+00	1.397E+00	4.170E+02	-5.722E+03	-1.844E+03	3.312E-02	-3.146E+00	5.371E-01	9.282E+02	-6.233E+03	-2.705E-01
249	4	3	-4.671E-01	-2.295E+00	6.869E-01	4.819E+02	-5.669E+03	-1.703E+03	-2.378E-01	-2.525E+00	3.222E-01	9.220E+02	-6.109E+03	-2.529E-01
249	4	4	-4.680E-01	-2.301E+00	6.887E-01	4.816E+02	-5.667E+03	-1.703E+03	-2.380E-01	-2.531E+00	3.223E-01	9.217E+02	-6.107E+03	-2.529E-01
249	4	5	-8.068E-01	-2.332E+00	1.408E+00	4.148E+02	-5.709E+03	-1.844E+03	3.197E-02	-3.171E+00	5.372E-01	9.274E+02	-6.222E+03	-2.711E-01
249	4	6	-8.077E-01	-2.338E+00	1.410E+00	4.145E+02	-5.707E+03	-1.844E+03	3.155E-02	-3.177E+00	5.368E-01	9.271E+02	-6.220E+03	-2.711E-01
249	4	7	-4.757E-01	-2.320E+00	6.996E-01	4.794E+02	-5.654E+03	-1.703E+03	-2.404E-01	-2.555E+00	3.246E-01	9.207E+02	-6.095E+03	-2.535E-01
249	4	8	-4.766E-01	-2.325E+00	7.015E-01	4.791E+02	-5.652E+03	-1.703E+03	-2.406E-01	-2.561E+00	3.246E-01	9.204E+02	-6.093E+03	-2.535E-01
249	4	9	6.732E-02	-9.869E-01	-1.919E-01	6.177E+02	-6.582E+03	-1.540E+03	1.012E-01	-1.021E+00	-1.745E-01	9.331E+02	-6.898E+03	-2.021E-01
249	4	10	6.644E-02	-9.923E-01	-1.900E-01	6.174E+02	-6.580E+03	-1.539E+03	9.951E-02	-1.025E+00	-1.723E-01	9.328E+02	-6.896E+03	-2.021E-01
249	4	11	3.984E-01	-9.742E-01	-9.005E-01	6.823E+02	-6.527E+03	-1.399E+03	8.444E-01	-1.420E+00	-4.598E-01	9.441E+02	-6.789E+03	-1.851E-01
249	4	12	3.975E-01	-9.796E-01	-8.987E-01	6.820E+02	-6.525E+03	-1.398E+03	8.411E-01	-1.423E+00	-4.585E-01	9.438E+02	-6.787E+03	-1.851E-01
249	4	13	5.866E-02	-1.011E+00	-1.791E-01	6.152E+02	-6.567E+03	-1.540E+03	8.785E-02	-1.041E+00	-1.615E-01	9.314E+02	-6.883E+03	-2.025E-01
249	4	14	5.778E-02	-1.017E+00	-1.773E-01	6.149E+02	-6.565E+03	-1.540E+03	8.627E-02	-1.045E+00	-1.593E-01	9.311E+02	-6.881E+03	-2.026E-01
249	4	15	3.898E-01	-9.987E-01	-8.878E-01	6.798E+02	-6.512E+03	-1.399E+03	8.225E-01	-1.431E+00	-4.536E-01	9.423E+02	-6.775E+03	-1.855E-01
249	4	16	3.889E-01	-1.004E+00	-8.859E-01	6.795E+02	-6.510E+03	-1.399E+03	8.193E-01	-1.434E+00	-4.523E-01	9.420E+02	-6.773E+03	-1.855E-01
250	1	1	2.538E+00	-2.954E+00	-1.165E+00	-4.544E+03	-2.041E+03	-1.122E+03	2.775E+00	-3.191E+00	-2.006E-01	-1.612E+03	-4.974E+03	1.936E+00
250	1	2	2.539E+00	-2.959E+00	-1.167E+00	-4.545E+03	-2.040E+03	-1.121E+03	2.777E+00	-3.196E+00	-2.008E-01	-1.611E+03	-4.973E+03	1.936E+00
250	1	3	2.586E-01	-2.696E+00	-1.603E+00	-4.147E+03	-1.810E+03	-1.116E+03	9.610E-01	-3.399E+00	-4.130E-01	-1.363E+03	-4.594E+03	1.952E+00
250	1	4	2.592E-01	-2.701E+00	-1.605E+00	-4.147E+03	-1.809E+03	-1.115E+03	9.622E-01	-3.404E+00	-4.129E-01	-1.363E+03	-4.593E+03	1.952E+00
250	1	5	2.565E+00	-2.989E+00	-1.175E+00	-4.546E+03	-2.031E+03	-1.117E+03	2.803E+00	-3.227E+00	-2.001E-01	-1.607E+03	-4.970E+03	1.934E+00
250	1	6	2.565E+00	-2.994E+00	-1.177E+00	-4.546E+03	-2.030E+03	-1.116E+03	2.804E+00	-3.233E+00	-2.003E-01	-1.606E+03	-4.970E+03	1.934E+00
250	1	7	2.849E-01	-2.731E+00	-1.612E+00	-4.148E+03	-1.800E+03	-1.111E+03	9.847E-01	-3.431E+00	-4.094E-01	-1.358E+03	-4.590E+03	1.950E+00
250	1	8	2.855E-01	-2.736E+00	-1.615E+00	-4.148E+03	-1.799E+03	-1.110E+03	9.859E-01	-3.436E+00	-4.093E-01	-1.358E+03	-4.590E+03	1.949E+00
250	1	9	-1.658E+00	-8.085E-01	-2.086E-01	-4.039E+03	-2.616E+03	-1.354E+03	-7.601E-01	-1.707E+00	1.799E+00	-1.798E+03	-4.857E+03	2.114E+00
250	1	10	-1.658E+00	-8.132E-01	-2.106E-01	-4.039E+03	-2.615E+03	-1.353E+03	-7.635E-01	-1.707E+00	1.802E+00	-1.798E+03	-4.856E+03	2.114E+00
250	1	11	-3.938E+00	-5.504E-01	-6.462E-01	-3.641E+03	-2.385E+03	-1.348E+03	-4.313E-01	-4.057E+00	1.753E+00	-1.526E+03	-4.500E+03	2.138E+00
250	1	12	-3.938E+00	-5.551E-01	-6.483E-01	-3.642E+03	-2.384E+03	-1.347E+03	-4.351E-01	-4.058E+00	1.754E+00	-1.527E+03	-4.499E+03	2.138E+00
250	1	13	-1.632E+00	-8.433E-01	-2.184E-01	-4.040E+03	-2.606E+03	-1.349E+03	-7.869E-01	-1.688E+00	1.824E+00	-1.796E+03	-4.851E+03	2.112E+00
250	1	14	-1.631E+00	-8.480E-01	-2.204E-01	-4.041E+03	-2.605E+03	-1.348E+03	-7.903E-01	-1.689E+00	1.827E+00	-1.796E+03	-4.850E+03	2.112E+00

250	1	15	-3.912E+00	-5.852E-01	-6.560E-01	-3.643E+03	-2.375E+03	-1.343E+03	-4.606E-01	-4.037E+00	1.759E+00	-1.524E+03	-4.494E+03	2.136E+00
250	1	16	-3.911E+00	-5.899E-01	-6.581E-01	-3.643E+03	-2.374E+03	-1.342E+03	-4.643E-01	-4.037E+00	1.759E+00	-1.525E+03	-4.493E+03	2.135E+00
250	2	1	1.807E+00	-2.874E-02	-1.313E+00	-8.141E+03	-6.990E+03	-5.455E+02	2.491E+00	-7.127E-01	-4.803E-01	-6.773E+03	-8.358E+03	1.950E+00
250	2	2	1.807E+00	-2.901E-02	-1.315E+00	-8.141E+03	-6.990E+03	-5.446E+02	2.493E+00	-7.146E-01	-4.806E-01	-6.773E+03	-8.358E+03	1.950E+00
250	2	3	1.923E-01	7.986E-02	-1.018E+00	-7.905E+03	-6.985E+03	-6.180E+02	1.156E+00	-8.838E-01	-7.578E-01	-6.675E+03	-8.216E+03	2.036E+00
250	2	4	1.928E-01	7.960E-02	-1.020E+00	-7.906E+03	-6.985E+03	-6.172E+02	1.158E+00	-8.858E-01	-7.577E-01	-6.675E+03	-8.215E+03	2.036E+00
250	2	5	1.828E+00	-3.190E-02	-1.328E+00	-8.141E+03	-6.983E+03	-5.430E+02	2.519E+00	-7.236E-01	-4.801E-01	-6.769E+03	-8.356E+03	1.947E+00
250	2	6	1.828E+00	-3.216E-02	-1.330E+00	-8.142E+03	-6.983E+03	-5.422E+02	2.521E+00	-7.254E-01	-4.803E-01	-6.769E+03	-8.356E+03	1.947E+00
250	2	7	2.132E-01	7.671E-02	-1.034E+00	-7.906E+03	-6.978E+03	-6.155E+02	1.181E+00	-8.913E-01	-7.524E-01	-6.671E+03	-8.213E+03	2.033E+00
250	2	8	2.137E-01	7.644E-02	-1.036E+00	-7.906E+03	-6.978E+03	-6.147E+02	1.183E+00	-8.933E-01	-7.523E-01	-6.672E+03	-8.212E+03	2.033E+00
250	2	9	-1.212E+00	2.134E-01	-3.773E-01	-7.967E+03	-7.447E+03	-6.446E+02	3.071E-01	-1.305E+00	1.814E+00	-7.012E+03	-8.402E+03	2.164E+00
250	2	10	-1.211E+00	2.131E-01	-3.794E-01	-7.968E+03	-7.447E+03	-6.437E+02	3.079E-01	-1.306E+00	1.816E+00	-7.013E+03	-8.402E+03	2.164E+00
250	2	11	-2.826E+00	3.220E-01	-8.296E-02	-7.732E+03	-7.442E+03	-7.171E+02	3.242E-01	-2.828E+00	1.597E+00	-6.855E+03	-8.318E+03	2.256E+00
250	2	12	-2.825E+00	3.217E-01	-8.507E-02	-7.732E+03	-7.442E+03	-7.162E+02	3.240E-01	-2.828E+00	1.598E+00	-6.856E+03	-8.318E+03	2.256E+00
250	2	13	-1.191E+00	2.102E-01	-3.930E-01	-7.968E+03	-7.440E+03	-6.421E+02	3.129E-01	-1.293E+00	1.826E+00	-7.010E+03	-8.398E+03	2.161E+00
250	2	14	-1.190E+00	2.100E-01	-3.951E-01	-7.968E+03	-7.440E+03	-6.412E+02	3.138E-01	-1.294E+00	1.828E+00	-7.011E+03	-8.398E+03	2.161E+00
250	2	15	-2.805E+00	3.188E-01	-9.864E-02	-7.732E+03	-7.435E+03	-7.146E+02	3.219E-01	-2.808E+00	1.602E+00	-6.854E+03	-8.314E+03	2.254E+00
250	2	16	-2.804E+00	3.186E-01	-1.007E-01	-7.733E+03	-7.435E+03	-7.138E+02	3.218E-01	-2.808E+00	1.603E+00	-6.855E+03	-8.313E+03	2.253E+00
250	3	1	1.078E+00	-2.565E+00	-1.166E+00	-4.406E+03	-8.507E+03	-1.935E+03	1.419E+00	-2.906E+00	-2.847E-01	-3.637E+03	-9.276E+03	-3.782E-01
250	3	2	1.078E+00	-2.570E+00	-1.168E+00	-4.406E+03	-8.506E+03	-1.934E+03	1.420E+00	-2.912E+00	-2.848E-01	-3.637E+03	-9.275E+03	-3.782E-01
250	3	3	1.288E-01	-2.873E+00	-1.604E+00	-4.243E+03	-8.762E+03	-1.928E+03	8.242E-01	-3.568E+00	-4.092E-01	-3.532E+03	-9.473E+03	-3.532E-01
250	3	4	1.292E-01	-2.878E+00	-1.606E+00	-4.243E+03	-8.761E+03	-1.928E+03	8.254E-01	-3.574E+00	-4.091E-01	-3.532E+03	-9.471E+03	-3.532E-01
250	3	5	1.093E+00	-2.596E+00	-1.176E+00	-4.405E+03	-8.493E+03	-1.933E+03	1.436E+00	-2.938E+00	-2.837E-01	-3.635E+03	-9.262E+03	-3.788E-01
250	3	6	1.094E+00	-2.600E+00	-1.178E+00	-4.405E+03	-8.491E+03	-1.933E+03	1.437E+00	-2.944E+00	-2.838E-01	-3.635E+03	-9.261E+03	-3.788E-01
250	3	7	1.443E-01	-2.903E+00	-1.613E+00	-4.242E+03	-8.747E+03	-1.926E+03	8.397E-01	-3.599E+00	-4.070E-01	-3.530E+03	-9.459E+03	-3.537E-01
250	3	8	1.448E-01	-2.908E+00	-1.615E+00	-4.242E+03	-8.746E+03	-1.926E+03	8.409E-01	-3.604E+00	-4.069E-01	-3.531E+03	-9.457E+03	-3.538E-01
250	3	9	-7.714E-01	-9.536E-01	-2.092E-01	-4.549E+03	-9.590E+03	-2.022E+03	-6.344E-01	-1.091E+00	-5.801E-01	-3.838E+03	-1.030E+04	-3.380E-01
250	3	10	-7.710E-01	-9.582E-01	-2.113E-01	-4.548E+03	-9.589E+03	-2.022E+03	-6.335E-01	-1.096E+00	-5.768E-01	-3.838E+03	-1.030E+04	-3.380E-01
250	3	11	-1.720E+00	-1.261E+00	-6.469E-01	-4.386E+03	-9.845E+03	-2.015E+03	-8.044E-01	-2.177E+00	2.186E+00	-3.722E+03	-1.051E+04	-3.180E-01
250	3	12	-1.720E+00	-1.266E+00	-6.489E-01	-4.386E+03	-9.844E+03	-2.015E+03	-8.054E-01	-2.180E+00	2.188E+00	-3.722E+03	-1.051E+04	-3.180E-01
250	3	13	-7.559E-01	-9.839E-01	-2.190E-01	-4.547E+03	-9.576E+03	-2.021E+03	-6.230E-01	-1.117E+00	-5.454E-01	-3.836E+03	-1.029E+04	-3.385E-01
250	3	14	-7.554E-01	-9.885E-01	-2.210E-01	-4.547E+03	-9.574E+03	-2.020E+03	-6.221E-01	-1.122E+00	-5.428E-01	-3.836E+03	-1.029E+04	-3.385E-01
250	3	15	-1.705E+00	-1.292E+00	-6.567E-01	-4.385E+03	-9.830E+03	-2.014E+03	-8.098E-01	-2.187E+00	2.204E+00	-3.721E+03	-1.049E+04	-3.184E-01
250	3	16	-1.704E+00	-1.296E+00	-6.587E-01	-4.385E+03	-9.829E+03	-2.013E+03	-8.107E-01	-2.190E+00	2.206E+00	-3.721E+03	-1.049E+04	-3.184E-01
250	4	1	1.804E+00	-5.460E+00	-1.574E+00	-4.874E+02	-5.629E+03	-2.299E+03	2.131E+00	-5.787E+00	-2.045E-01	3.907E+02	-6.507E+03	-3.648E-01
250	4	2	1.805E+00	-5.469E+00	-1.576E+00	-4.872E+02	-5.626E+03	-2.299E+03	2.132E+00	-5.796E+00	-2.045E-01	3.910E+02	-6.504E+03	-3.649E-01
250	4	3	1.899E-01	-5.618E+00	-2.744E+00	-1.624E+02	-5.648E+03	-2.090E+03	1.281E+00	-6.710E+00	-3.785E-01	5.431E+02	-6.353E+03	-3.256E-01
250	4	4	1.904E-01	-5.628E+00	-2.746E+00	-1.623E+02	-5.645E+03	-2.090E+03	1.282E+00	-6.719E+00	-3.783E-01	5.433E+02	-6.350E+03	-3.257E-01
250	4	5	1.825E+00	-5.522E+00	-1.578E+00	-4.870E+02	-5.607E+03	-2.299E+03	2.150E+00	-5.847E+00	-2.028E-01	3.941E+02	-6.488E+03	-3.659E-01
250	4	6	1.826E+00	-5.531E+00	-1.580E+00	-4.869E+02	-5.604E+03	-2.299E+03	2.151E+00	-5.856E+00	-2.028E-01	3.943E+02	-6.485E+03	-3.660E-01
250	4	7	2.108E-01	-5.680E+00	-2.748E+00	-1.621E+02	-5.626E+03	-2.090E+03	1.293E+00	-6.763E+00	-3.753E-01	5.459E+02	-6.334E+03	-3.266E-01
250	4	8	2.113E-01	-5.690E+00	-2.750E+00	-1.619E+02	-5.623E+03	-2.090E+03	1.294E+00	-6.772E+00	-3.751E-01	5.461E+02	-6.331E+03	-3.266E-01
250	4	9	-1.213E+00	-2.006E+00	5.154E-01	-9.448E+02	-6.912E+03	-1.869E+03	-9.592E-01	-2.260E+00	4.575E-01	-4.076E+02	-7.450E+03	-2.799E-01

250	4	10	-1.212E+00	-2.015E+00	5.134E-01	-9.447E+02	-6.910E+03	-1.869E+03	-9.621E-01	-2.265E+00	4.537E-01	-4.074E+02	-7.447E+03	-2.799E-01
250	4	11	-2.827E+00	-2.164E+00	-6.543E-01	-6.199E+02	-6.931E+03	-1.660E+03	-1.762E+00	-3.229E+00	2.122E+00	-2.098E+02	-7.341E+03	-2.422E-01
250	4	12	-2.827E+00	-2.173E+00	-6.563E-01	-6.198E+02	-6.929E+03	-1.660E+03	-1.767E+00	-3.233E+00	2.125E+00	-2.096E+02	-7.339E+03	-2.422E-01
250	4	13	-1.192E+00	-2.068E+00	5.115E-01	-9.445E+02	-6.891E+03	-1.870E+03	-9.566E-01	-2.303E+00	4.313E-01	-4.054E+02	-7.430E+03	-2.807E-01
250	4	14	-1.192E+00	-2.077E+00	5.095E-01	-9.443E+02	-6.888E+03	-1.869E+03	-9.593E-01	-2.309E+00	4.277E-01	-4.052E+02	-7.427E+03	-2.808E-01
250	4	15	-2.806E+00	-2.226E+00	-6.581E-01	-6.196E+02	-6.909E+03	-1.661E+03	-1.797E+00	-3.236E+00	2.149E+00	-2.080E+02	-7.321E+03	-2.429E-01
250	4	16	-2.806E+00	-2.235E+00	-6.602E-01	-6.194E+02	-6.907E+03	-1.660E+03	-1.801E+00	-3.240E+00	2.152E+00	-2.079E+02	-7.318E+03	-2.430E-01
251	1	1	2.670E+00	-3.104E+00	1.026E-03	-4.555E+03	-2.065E+03	1.178E+03	2.670E+00	-3.104E+00	1.778E-04	-1.596E+03	-5.024E+03	1.192E+00
251	1	2	2.674E+00	-3.099E+00	-2.386E-03	-4.556E+03	-2.067E+03	1.179E+03	2.674E+00	-3.099E+00	-4.132E-04	-1.597E+03	-5.025E+03	1.192E+00
251	1	3	-1.683E-01	-2.826E+00	1.130E+00	-4.062E+03	-1.698E+03	1.130E+03	2.469E-01	-3.241E+00	3.522E-01	-1.245E+03	-4.515E+03	1.189E+00
251	1	4	-1.642E-01	-2.822E+00	1.126E+00	-4.062E+03	-1.700E+03	1.131E+03	2.488E-01	-3.235E+00	3.515E-01	-1.246E+03	-4.517E+03	1.189E+00
251	1	5	2.705E+00	-3.128E+00	1.707E-03	-4.557E+03	-2.059E+03	1.176E+03	2.705E+00	-3.128E+00	2.926E-04	-1.592E+03	-5.024E+03	1.193E+00
251	1	6	2.709E+00	-3.124E+00	-1.706E-03	-4.558E+03	-2.061E+03	1.177E+03	2.709E+00	-3.124E+00	-2.924E-04	-1.593E+03	-5.025E+03	1.193E+00
251	1	7	-1.338E-01	-2.850E+00	1.130E+00	-4.064E+03	-1.692E+03	1.129E+03	2.749E-01	-3.259E+00	3.470E-01	-1.241E+03	-4.515E+03	1.190E+00
251	1	8	-1.297E-01	-2.846E+00	1.127E+00	-4.064E+03	-1.694E+03	1.130E+03	2.768E-01	-3.253E+00	3.463E-01	-1.242E+03	-4.516E+03	1.190E+00
251	1	9	-1.271E+00	-7.526E-01	7.280E-01	-4.073E+03	-2.634E+03	1.457E+03	-2.389E-01	-1.784E+00	9.563E-01	-1.729E+03	-4.979E+03	1.015E+00
251	1	10	-1.267E+00	-7.484E-01	7.246E-01	-4.074E+03	-2.636E+03	1.458E+03	-2.380E-01	-1.777E+00	9.571E-01	-1.729E+03	-4.981E+03	1.014E+00
251	1	11	-4.109E+00	-4.750E-01	1.856E+00	-3.580E+03	-2.267E+03	1.409E+03	3.056E-01	-4.890E+00	1.173E+00	-1.369E+03	-4.478E+03	1.003E+00
251	1	12	-4.105E+00	-4.708E-01	1.853E+00	-3.580E+03	-2.269E+03	1.411E+03	3.074E-01	-4.883E+00	1.173E+00	-1.369E+03	-4.480E+03	1.003E+00
251	1	13	-1.236E+00	-7.769E-01	7.287E-01	-4.075E+03	-2.628E+03	1.456E+03	-2.426E-01	-1.771E+00	9.380E-01	-1.726E+03	-4.977E+03	1.016E+00
251	1	14	-1.232E+00	-7.727E-01	7.253E-01	-4.076E+03	-2.630E+03	1.457E+03	-2.417E-01	-1.763E+00	9.388E-01	-1.727E+03	-4.979E+03	1.016E+00
251	1	15	-4.075E+00	-4.994E-01	1.857E+00	-3.582E+03	-2.261E+03	1.408E+03	2.907E-01	-4.865E+00	1.169E+00	-1.366E+03	-4.477E+03	1.005E+00
251	1	16	-4.071E+00	-4.952E-01	1.854E+00	-3.582E+03	-2.263E+03	1.409E+03	2.924E-01	-4.858E+00	1.169E+00	-1.367E+03	-4.478E+03	1.004E+00
251	2	1	1.846E+00	-5.608E+00	-7.876E-01	-9.477E+02	-5.572E+03	2.374E+03	1.928E+00	-5.690E+00	-1.041E-01	5.425E+01	-6.573E+03	3.993E-01
251	2	2	1.848E+00	-5.598E+00	-7.925E-01	-9.486E+02	-5.574E+03	2.375E+03	1.932E+00	-5.682E+00	-1.049E-01	5.374E+01	-6.577E+03	3.993E-01
251	2	3	-2.407E-02	-5.947E+00	1.407E+00	-4.781E+02	-5.507E+03	2.042E+03	2.931E-01	-6.264E+00	2.218E-01	2.467E+02	-6.232E+03	3.411E-01
251	2	4	-2.136E-02	-5.937E+00	1.402E+00	-4.790E+02	-5.510E+03	2.043E+03	2.941E-01	-6.253E+00	2.213E-01	2.462E+02	-6.235E+03	3.411E-01
251	2	5	1.871E+00	-5.647E+00	-7.964E-01	-9.490E+02	-5.556E+03	2.378E+03	1.955E+00	-5.730E+00	-1.044E-01	5.795E+01	-6.563E+03	4.006E-01
251	2	6	1.874E+00	-5.637E+00	-8.013E-01	-9.499E+02	-5.559E+03	2.379E+03	1.959E+00	-5.722E+00	-1.051E-01	5.744E+01	-6.566E+03	4.006E-01
251	2	7	1.737E-03	-5.986E+00	1.398E+00	-4.795E+02	-5.492E+03	2.046E+03	3.121E-01	-6.296E+00	2.185E-01	2.494E+02	-6.221E+03	3.423E-01
251	2	8	4.449E-03	-5.976E+00	1.393E+00	-4.804E+02	-5.495E+03	2.047E+03	3.131E-01	-6.285E+00	2.180E-01	2.489E+02	-6.224E+03	3.423E-01
251	2	9	-1.020E+00	-1.838E+00	8.873E-01	-5.451E+02	-6.978E+03	2.034E+03	-4.522E-01	-2.406E+00	5.696E-01	4.411E+01	-7.567E+03	2.820E-01
251	2	10	-1.018E+00	-1.828E+00	8.823E-01	-5.460E+02	-6.980E+03	2.035E+03	-4.520E-01	-2.394E+00	5.702E-01	4.358E+01	-7.570E+03	2.820E-01
251	2	11	-2.890E+00	-2.177E+00	3.082E+00	-7.555E+01	-6.913E+03	1.702E+03	5.688E-01	-5.636E+00	8.430E-01	3.247E+02	-7.313E+03	2.310E-01
251	2	12	-2.887E+00	-2.167E+00	3.077E+00	-7.642E+01	-6.916E+03	1.703E+03	5.704E-01	-5.625E+00	8.436E-01	3.241E+02	-7.317E+03	2.310E-01
251	2	13	-9.946E-01	-1.877E+00	8.785E-01	-5.464E+02	-6.962E+03	2.038E+03	-4.527E-01	-2.418E+00	5.528E-01	4.594E+01	-7.555E+03	2.829E-01
251	2	14	-9.919E-01	-1.867E+00	8.735E-01	-5.473E+02	-6.965E+03	2.038E+03	-4.525E-01	-2.406E+00	5.532E-01	4.540E+01	-7.558E+03	2.830E-01
251	2	15	-2.864E+00	-2.216E+00	3.073E+00	-7.690E+01	-6.898E+03	1.706E+03	5.500E-01	-5.630E+00	8.380E-01	3.258E+02	-7.301E+03	2.319E-01
251	2	16	-2.862E+00	-2.206E+00	3.068E+00	-7.778E+01	-6.901E+03	1.706E+03	5.515E-01	-5.619E+00	8.386E-01	3.252E+02	-7.304E+03	2.319E-01
251	3	1	1.028E+00	-2.541E+00	1.614E-03	-4.414E+03	-8.462E+03	2.024E+03	1.028E+00	-2.541E+00	4.521E-04	-3.575E+03	-9.300E+03	3.927E-01
251	3	2	1.029E+00	-2.536E+00	-1.801E-03	-4.414E+03	-8.463E+03	2.024E+03	1.029E+00	-2.536E+00	-5.052E-04	-3.576E+03	-9.301E+03	3.927E-01
251	3	3	1.271E-01	-3.087E+00	1.130E+00	-4.220E+03	-8.764E+03	2.003E+03	4.847E-01	-3.445E+00	3.064E-01	-3.464E+03	-9.521E+03	3.612E-01
251	3	4	1.285E-01	-3.082E+00	1.127E+00	-4.221E+03	-8.765E+03	2.003E+03	4.845E-01	-3.438E+00	3.060E-01	-3.464E+03	-9.522E+03	3.613E-01

251	3	5	1.045E+00	-2.558E+00	2.301E-03	-4.413E+03	-8.449E+03	2.024E+03	1.045E+00	-2.558E+00	6.386E-04	-3.573E+03	-9.290E+03	3.935E-01
251	3	6	1.046E+00	-2.553E+00	-1.114E-03	-4.413E+03	-8.450E+03	2.025E+03	1.046E+00	-2.553E+00	-3.095E-04	-3.573E+03	-9.291E+03	3.935E-01
251	3	7	1.443E-01	-3.104E+00	1.131E+00	-4.220E+03	-8.752E+03	2.003E+03	4.992E-01	-3.459E+00	3.041E-01	-3.461E+03	-9.510E+03	3.619E-01
251	3	8	1.457E-01	-3.099E+00	1.127E+00	-4.220E+03	-8.753E+03	2.003E+03	4.990E-01	-3.452E+00	3.037E-01	-3.461E+03	-9.511E+03	3.620E-01
251	3	9	-7.735E-01	-8.284E-01	7.288E-01	-4.541E+03	-9.607E+03	2.085E+03	-7.159E-02	-1.530E+00	7.666E-01	-3.793E+03	-1.036E+04	3.444E-01
251	3	10	-7.721E-01	-8.230E-01	7.254E-01	-4.542E+03	-9.608E+03	2.086E+03	-7.173E-02	-1.523E+00	7.679E-01	-3.793E+03	-1.036E+04	3.444E-01
251	3	11	-1.674E+00	-1.375E+00	1.857E+00	-4.348E+03	-9.909E+03	2.064E+03	3.390E-01	-3.388E+00	8.256E-01	-3.666E+03	-1.059E+04	3.193E-01
251	3	12	-1.673E+00	-1.369E+00	1.854E+00	-4.348E+03	-9.910E+03	2.064E+03	3.391E-01	-3.381E+00	8.262E-01	-3.666E+03	-1.059E+04	3.193E-01
251	3	13	-7.563E-01	-8.454E-01	7.295E-01	-4.541E+03	-9.595E+03	2.086E+03	-6.998E-02	-1.532E+00	7.549E-01	-3.791E+03	-1.034E+04	3.450E-01
251	3	14	-7.549E-01	-8.400E-01	7.261E-01	-4.541E+03	-9.596E+03	2.086E+03	-7.016E-02	-1.525E+00	7.561E-01	-3.791E+03	-1.035E+04	3.450E-01
251	3	15	-1.657E+00	-1.392E+00	1.858E+00	-4.347E+03	-9.897E+03	2.064E+03	3.384E-01	-3.387E+00	8.210E-01	-3.664E+03	-1.058E+04	3.198E-01
251	3	16	-1.656E+00	-1.386E+00	1.855E+00	-4.348E+03	-9.898E+03	2.065E+03	3.385E-01	-3.380E+00	8.216E-01	-3.664E+03	-1.058E+04	3.199E-01
251	4	1	1.848E+00	-2.137E-02	1.200E+00	-7.952E+03	-6.992E+03	-6.686E+02	2.435E+00	-6.081E-01	4.546E-01	-6.649E+03	-8.295E+03	2.045E+00
251	4	2	1.851E+00	-2.130E-02	1.199E+00	-7.952E+03	-6.992E+03	-6.679E+02	2.435E+00	-6.060E-01	4.539E-01	-6.650E+03	-8.295E+03	2.045E+00
251	4	3	-2.147E-02	4.895E-02	1.263E+00	-7.735E+03	-6.964E+03	-6.841E+02	1.277E+00	-1.250E+00	7.993E-01	-6.564E+03	-8.135E+03	2.100E+00
251	4	4	-1.876E-02	4.902E-02	1.261E+00	-7.735E+03	-6.964E+03	-6.833E+02	1.277E+00	-1.246E+00	7.988E-01	-6.565E+03	-8.134E+03	2.100E+00
251	4	5	1.874E+00	-2.379E-02	1.211E+00	-7.952E+03	-6.986E+03	-6.681E+02	2.463E+00	-6.131E-01	4.530E-01	-6.645E+03	-8.293E+03	2.043E+00
251	4	6	1.877E+00	-2.372E-02	1.209E+00	-7.952E+03	-6.986E+03	-6.673E+02	2.464E+00	-6.110E-01	4.523E-01	-6.645E+03	-8.293E+03	2.043E+00
251	4	7	4.353E-03	4.653E-02	1.273E+00	-7.735E+03	-6.958E+03	-6.835E+02	1.299E+00	-1.248E+00	7.937E-01	-6.560E+03	-8.132E+03	2.098E+00
251	4	8	7.061E-03	4.659E-02	1.271E+00	-7.735E+03	-6.958E+03	-6.827E+02	1.298E+00	-1.245E+00	7.932E-01	-6.561E+03	-8.132E+03	2.098E+00
251	4	9	-1.019E+00	2.411E-01	1.593E-01	-8.141E+03	-7.454E+03	-5.221E+02	2.609E-01	-1.039E+00	1.447E+00	-7.172E+03	-8.422E+03	2.065E+00
251	4	10	-1.017E+00	2.412E-01	1.574E-01	-8.141E+03	-7.454E+03	-5.213E+02	2.606E-01	-1.036E+00	1.448E+00	-7.173E+03	-8.422E+03	2.065E+00
251	4	11	-2.889E+00	3.114E-01	2.219E-01	-7.924E+03	-7.426E+03	-5.375E+02	3.267E-01	-2.904E+00	1.502E+00	-7.082E+03	-8.267E+03	2.139E+00
251	4	12	-2.886E+00	3.115E-01	2.200E-01	-7.924E+03	-7.426E+03	-5.367E+02	3.265E-01	-2.901E+00	1.502E+00	-7.083E+03	-8.266E+03	2.139E+00
251	4	13	-9.935E-01	2.387E-01	1.695E-01	-8.141E+03	-7.447E+03	-5.215E+02	2.616E-01	-1.016E+00	1.437E+00	-7.168E+03	-8.421E+03	2.063E+00
251	4	14	-9.907E-01	2.387E-01	1.676E-01	-8.141E+03	-7.448E+03	-5.207E+02	2.612E-01	-1.013E+00	1.438E+00	-7.169E+03	-8.420E+03	2.062E+00
251	4	15	-2.863E+00	3.090E-01	2.321E-01	-7.924E+03	-7.419E+03	-5.369E+02	3.259E-01	-2.880E+00	1.498E+00	-7.078E+03	-8.265E+03	2.137E+00
251	4	16	-2.860E+00	3.091E-01	2.302E-01	-7.924E+03	-7.420E+03	-5.361E+02	3.257E-01	-2.877E+00	1.499E+00	-7.079E+03	-8.264E+03	2.136E+00
252	1	1	-1.014E+00	-4.051E+00	-2.257E+00	2.731E+03	2.678E+03	1.367E+03	1.879E-01	-5.252E+00	-4.892E-01	4.072E+03	1.338E+03	7.757E-01
252	1	2	-1.015E+00	-4.044E+00	-2.256E+00	2.732E+03	2.677E+03	1.367E+03	1.879E-01	-5.247E+00	-4.899E-01	4.071E+03	1.337E+03	7.753E-01
252	1	3	2.776E-01	-4.175E+00	-9.438E-01	2.356E+03	2.238E+03	1.158E+03	4.694E-01	-4.367E+00	-2.005E-01	3.456E+03	1.138E+03	7.601E-01
252	1	4	2.762E-01	-4.167E+00	-9.432E-01	2.356E+03	2.237E+03	1.157E+03	4.681E-01	-4.359E+00	-2.007E-01	3.455E+03	1.137E+03	7.596E-01
252	1	5	-1.024E+00	-4.077E+00	-2.276E+00	2.737E+03	2.696E+03	1.372E+03	1.901E-01	-5.291E+00	-4.900E-01	4.088E+03	1.345E+03	7.780E-01
252	1	6	-1.025E+00	-4.070E+00	-2.275E+00	2.737E+03	2.694E+03	1.371E+03	1.901E-01	-5.285E+00	-4.906E-01	4.087E+03	1.344E+03	7.776E-01
252	1	7	2.676E-01	-4.201E+00	-9.628E-01	2.361E+03	2.256E+03	1.162E+03	4.662E-01	-4.400E+00	-2.034E-01	3.472E+03	1.145E+03	7.628E-01
252	1	8	2.661E-01	-4.194E+00	-9.623E-01	2.361E+03	2.254E+03	1.162E+03	4.649E-01	-4.392E+00	-2.037E-01	3.471E+03	1.145E+03	7.624E-01
252	1	9	3.557E-01	-1.363E+00	-1.426E-01	2.204E+03	1.034E+03	9.414E+02	3.674E-01	-1.375E+00	-8.219E-02	2.727E+03	5.109E+02	5.075E-01
252	1	10	3.543E-01	-1.356E+00	-1.420E-01	2.204E+03	1.033E+03	9.413E+02	3.660E-01	-1.368E+00	-8.227E-02	2.727E+03	5.098E+02	5.071E-01
252	1	11	1.647E+00	-1.487E+00	1.170E+00	1.828E+03	5.943E+02	7.320E+02	2.036E+00	-1.876E+00	3.207E-01	2.168E+03	2.538E+02	4.353E-01
252	1	12	1.646E+00	-1.480E+00	1.171E+00	1.828E+03	5.926E+02	7.319E+02	2.036E+00	-1.870E+00	3.215E-01	2.168E+03	2.526E+02	4.348E-01
252	1	13	3.456E-01	-1.390E+00	-1.616E-01	2.209E+03	1.052E+03	9.460E+02	3.605E-01	-1.405E+00	-9.209E-02	2.739E+03	5.217E+02	5.110E-01
252	1	14	3.442E-01	-1.382E+00	-1.611E-01	2.209E+03	1.050E+03	9.458E+02	3.591E-01	-1.397E+00	-9.223E-02	2.739E+03	5.206E+02	5.106E-01
252	1	15	1.637E+00	-1.514E+00	1.151E+00	1.833E+03	6.119E+02	7.366E+02	2.013E+00	-1.889E+00	3.156E-01	2.179E+03	2.658E+02	4.393E-01

252	1	16	1.636E+00	-1.506E+00	1.152E+00	1.834E+03	6.102E+02	7.365E+02	2.013E+00	-1.883E+00	3.164E-01	2.179E+03	2.645E+02	4.388E-01
252	2	1	-8.727E-01	-2.513E+00	-1.622E+00	3.999E+02	-5.732E+03	1.899E+03	1.252E-01	-3.511E+00	-5.514E-01	9.402E+02	-6.272E+03	2.772E-01
252	2	2	-8.725E-01	-2.508E+00	-1.622E+00	4.000E+02	-5.734E+03	1.899E+03	1.266E-01	-3.507E+00	-5.520E-01	9.405E+02	-6.274E+03	2.772E-01
252	2	3	-3.937E-01	-2.392E+00	-4.673E-01	4.778E+02	-5.568E+03	1.664E+03	-2.898E-01	-2.496E+00	-2.187E-01	9.055E+02	-5.996E+03	2.516E-01
252	2	4	-3.935E-01	-2.387E+00	-4.672E-01	4.780E+02	-5.571E+03	1.665E+03	-2.895E-01	-2.491E+00	-2.191E-01	9.059E+02	-5.999E+03	2.516E-01
252	2	5	-8.814E-01	-2.525E+00	-1.635E+00	3.976E+02	-5.722E+03	1.901E+03	1.269E-01	-3.533E+00	-5.525E-01	9.403E+02	-6.264E+03	2.780E-01
252	2	6	-8.813E-01	-2.520E+00	-1.635E+00	3.978E+02	-5.724E+03	1.902E+03	1.283E-01	-3.529E+00	-5.531E-01	9.406E+02	-6.267E+03	2.780E-01
252	2	7	-4.025E-01	-2.404E+00	-4.802E-01	4.756E+02	-5.558E+03	1.667E+03	-2.933E-01	-2.514E+00	-2.236E-01	9.053E+02	-5.988E+03	2.524E-01
252	2	8	-4.023E-01	-2.399E+00	-4.800E-01	4.757E+02	-5.561E+03	1.667E+03	-2.929E-01	-2.509E+00	-2.240E-01	9.057E+02	-5.990E+03	2.524E-01
252	2	9	-1.021E-02	-9.732E-01	-3.630E-02	6.108E+02	-6.672E+03	1.661E+03	-8.845E-03	-9.745E-01	-3.762E-02	9.717E+02	-7.033E+03	2.140E-01
252	2	10	-1.004E-02	-9.680E-01	-3.612E-02	6.110E+02	-6.674E+03	1.662E+03	-8.676E-03	-9.694E-01	-3.764E-02	9.721E+02	-7.035E+03	2.140E-01
252	2	11	4.687E-01	-8.526E-01	1.119E+00	6.887E+02	-6.509E+03	1.426E+03	1.107E+00	-1.491E+00	5.187E-01	9.611E+02	-6.781E+03	1.887E-01
252	2	12	4.689E-01	-8.474E-01	1.119E+00	6.889E+02	-6.511E+03	1.427E+03	1.109E+00	-1.487E+00	5.196E-01	9.614E+02	-6.783E+03	1.887E-01
252	2	13	-1.899E-02	-9.855E-01	-4.912E-02	6.086E+02	-6.662E+03	1.664E+03	-1.650E-02	-9.880E-01	-5.065E-02	9.711E+02	-7.024E+03	2.146E-01
252	2	14	-1.882E-02	-9.804E-01	-4.895E-02	6.087E+02	-6.664E+03	1.664E+03	-1.633E-02	-9.829E-01	-5.073E-02	9.715E+02	-7.027E+03	2.146E-01
252	2	15	4.600E-01	-8.649E-01	1.106E+00	6.865E+02	-6.499E+03	1.429E+03	1.087E+00	-1.492E+00	5.156E-01	9.603E+02	-6.772E+03	1.893E-01
252	2	16	4.601E-01	-8.598E-01	1.106E+00	6.867E+02	-6.501E+03	1.430E+03	1.088E+00	-1.488E+00	5.164E-01	9.606E+02	-6.775E+03	1.893E-01
252	3	1	1.831E-01	-4.280E+00	-1.265E+00	2.154E+03	-1.178E+04	3.515E+02	5.167E-01	-4.613E+00	-2.579E-01	2.163E+03	-1.179E+04	2.521E-02
252	3	2	1.837E-01	-4.273E+00	-1.266E+00	2.154E+03	-1.178E+04	3.520E+02	5.180E-01	-4.607E+00	-2.583E-01	2.162E+03	-1.179E+04	2.524E-02
252	3	3	-1.199E-01	-4.017E+00	8.173E-02	2.192E+03	-1.118E+04	2.207E+02	-1.182E-01	-4.019E+00	2.096E-02	2.195E+03	-1.119E+04	1.649E-02
252	3	4	-1.193E-01	-4.011E+00	8.106E-02	2.191E+03	-1.118E+04	2.212E+02	-1.176E-01	-4.012E+00	2.082E-02	2.195E+03	-1.119E+04	1.653E-02
252	3	5	1.846E-01	-4.309E+00	-1.274E+00	2.156E+03	-1.177E+04	3.531E+02	5.207E-01	-4.645E+00	-2.579E-01	2.165E+03	-1.178E+04	2.534E-02
252	3	6	1.852E-01	-4.302E+00	-1.275E+00	2.155E+03	-1.177E+04	3.537E+02	5.220E-01	-4.639E+00	-2.583E-01	2.164E+03	-1.178E+04	2.537E-02
252	3	7	-1.184E-01	-4.046E+00	7.261E-02	2.193E+03	-1.117E+04	2.223E+02	-1.171E-01	-4.048E+00	1.848E-02	2.197E+03	-1.118E+04	1.662E-02
252	3	8	-1.178E-01	-4.040E+00	7.193E-02	2.193E+03	-1.118E+04	2.229E+02	-1.165E-01	-4.041E+00	1.833E-02	2.197E+03	-1.118E+04	1.666E-02
252	3	9	-9.801E-02	-1.315E+00	1.839E-01	2.003E+03	-1.254E+04	1.961E+02	-7.081E-02	-1.342E+00	1.468E-01	2.005E+03	-1.254E+04	1.348E-02
252	3	10	-9.736E-02	-1.308E+00	1.833E-01	2.002E+03	-1.254E+04	1.967E+02	-7.023E-02	-1.335E+00	1.470E-01	2.005E+03	-1.255E+04	1.352E-02
252	3	11	-4.010E-01	-1.052E+00	1.531E+00	2.041E+03	-1.195E+04	6.529E+01	8.381E-01	-2.291E+00	6.806E-01	2.041E+03	-1.195E+04	4.668E-03
252	3	12	-4.003E-01	-1.046E+00	1.530E+00	2.040E+03	-1.195E+04	6.585E+01	8.406E-01	-2.286E+00	6.815E-01	2.040E+03	-1.195E+04	4.707E-03
252	3	13	-9.651E-02	-1.344E+00	1.748E-01	2.004E+03	-1.254E+04	1.978E+02	-7.247E-02	-1.368E+00	1.367E-01	2.007E+03	-1.254E+04	1.360E-02
252	3	14	-9.586E-02	-1.337E+00	1.741E-01	2.004E+03	-1.254E+04	1.983E+02	-7.189E-02	-1.361E+00	1.368E-01	2.007E+03	-1.254E+04	1.363E-02
252	3	15	-3.995E-01	-1.081E+00	1.521E+00	2.042E+03	-1.194E+04	6.695E+01	8.188E-01	-2.300E+00	6.752E-01	2.042E+03	-1.194E+04	4.788E-03
252	3	16	-3.988E-01	-1.075E+00	1.521E+00	2.042E+03	-1.194E+04	6.751E+01	8.211E-01	-2.295E+00	6.761E-01	2.042E+03	-1.194E+04	4.828E-03
252	4	1	-3.858E-02	-5.819E+00	-1.880E+00	4.684E+03	-3.605E+03	1.427E+03	5.191E-01	-6.377E+00	-2.884E-01	4.923E+03	-3.843E+03	1.658E-01
252	4	2	-3.952E-02	-5.810E+00	-1.880E+00	4.684E+03	-3.608E+03	1.428E+03	5.191E-01	-6.369E+00	-2.888E-01	4.923E+03	-3.846E+03	1.658E-01
252	4	3	4.708E-01	-5.801E+00	-3.756E-01	4.285E+03	-3.626E+03	1.033E+03	4.932E-01	-5.824E+00	-5.959E-02	4.418E+03	-3.758E+03	1.277E-01
252	4	4	4.699E-01	-5.793E+00	-3.758E-01	4.285E+03	-3.628E+03	1.034E+03	4.923E-01	-5.815E+00	-5.973E-02	4.418E+03	-3.761E+03	1.278E-01
252	4	5	-3.837E-02	-5.862E+00	-1.895E+00	4.691E+03	-3.589E+03	1.431E+03	5.242E-01	-6.424E+00	-2.885E-01	4.932E+03	-3.829E+03	1.664E-01
252	4	6	-3.932E-02	-5.853E+00	-1.896E+00	4.691E+03	-3.592E+03	1.432E+03	5.242E-01	-6.416E+00	-2.889E-01	4.932E+03	-3.832E+03	1.664E-01
252	4	7	4.710E-01	-5.844E+00	-3.909E-01	4.292E+03	-3.610E+03	1.037E+03	4.951E-01	-5.868E+00	-6.159E-02	4.426E+03	-3.744E+03	1.283E-01
252	4	8	4.701E-01	-5.835E+00	-3.912E-01	4.292E+03	-3.613E+03	1.038E+03	4.942E-01	-5.859E+00	-6.173E-02	4.426E+03	-3.746E+03	1.284E-01
252	4	9	3.485E-01	-1.703E+00	5.850E-02	4.020E+03	-5.072E+03	1.025E+03	3.502E-01	-1.705E+00	2.848E-02	4.134E+03	-5.186E+03	1.109E-01
252	4	10	3.476E-01	-1.694E+00	5.822E-02	4.020E+03	-5.075E+03	1.026E+03	3.492E-01	-1.696E+00	2.848E-02	4.134E+03	-5.189E+03	1.109E-01

252	4	11	8.579E-01	-1.686E+00	1.563E+00	3.621E+03	-5.093E+03	6.307E+02	1.601E+00	-2.429E+00	4.439E-01	3.666E+03	-5.138E+03	7.189E-02
252	4	12	8.569E-01	-1.677E+00	1.563E+00	3.621E+03	-5.096E+03	6.318E+02	1.602E+00	-2.422E+00	4.448E-01	3.666E+03	-5.141E+03	7.198E-02
252	4	13	3.487E-01	-1.746E+00	4.314E-02	4.027E+03	-5.056E+03	1.029E+03	3.496E-01	-1.747E+00	2.058E-02	4.142E+03	-5.171E+03	1.114E-01
252	4	14	3.478E-01	-1.737E+00	4.286E-02	4.027E+03	-5.059E+03	1.030E+03	3.487E-01	-1.738E+00	2.055E-02	4.142E+03	-5.174E+03	1.115E-01
252	4	15	8.581E-01	-1.729E+00	1.548E+00	3.628E+03	-5.077E+03	6.347E+02	1.582E+00	-2.452E+00	4.373E-01	3.674E+03	-5.123E+03	7.241E-02
252	4	16	8.571E-01	-1.720E+00	1.547E+00	3.628E+03	-5.080E+03	6.358E+02	1.582E+00	-2.445E+00	4.382E-01	3.674E+03	-5.126E+03	7.250E-02
253	1	1	-1.980E+00	1.770E-01	1.894E-01	-3.964E+04	-4.893E+02	-2.656E+03	1.935E-01	-1.996E+00	1.484E+00	-3.099E+02	-3.982E+04	1.638E+00
253	1	2	-1.982E+00	1.771E-01	1.901E-01	-3.964E+04	-4.891E+02	-2.657E+03	1.937E-01	-1.999E+00	1.484E+00	-3.096E+02	-3.982E+04	1.638E+00
253	1	3	-2.004E+00	8.514E-02	8.969E-02	-3.961E+04	-3.592E+02	-2.809E+03	8.898E-02	-2.008E+00	1.528E+00	-1.591E+02	-3.981E+04	1.642E+00
253	1	4	-2.006E+00	8.526E-02	9.033E-02	-3.961E+04	-3.590E+02	-2.809E+03	8.915E-02	-2.010E+00	1.528E+00	-1.589E+02	-3.981E+04	1.642E+00
253	1	5	-1.994E+00	1.785E-01	1.933E-01	-3.963E+04	-4.885E+02	-2.656E+03	1.955E-01	-2.011E+00	1.483E+00	-3.091E+02	-3.981E+04	1.638E+00
253	1	6	-1.997E+00	1.786E-01	1.939E-01	-3.963E+04	-4.883E+02	-2.656E+03	1.957E-01	-2.014E+00	1.483E+00	-3.088E+02	-3.981E+04	1.638E+00
253	1	7	-2.018E+00	8.663E-02	9.353E-02	-3.960E+04	-3.584E+02	-2.809E+03	9.077E-02	-2.023E+00	1.526E+00	-1.583E+02	-3.980E+04	1.642E+00
253	1	8	-2.021E+00	8.675E-02	9.418E-02	-3.959E+04	-3.582E+02	-2.809E+03	9.095E-02	-2.025E+00	1.526E+00	-1.581E+02	-3.980E+04	1.642E+00
253	1	9	-1.067E+00	-6.348E-02	-9.356E-02	-4.036E+04	-5.422E+02	-3.173E+03	-5.483E-02	-1.076E+00	1.663E+00	-2.910E+02	-4.061E+04	1.650E+00
253	1	10	-1.069E+00	-6.336E-02	-9.291E-02	-4.036E+04	-5.420E+02	-3.173E+03	-5.485E-02	-1.078E+00	1.662E+00	-2.907E+02	-4.061E+04	1.650E+00
253	1	11	-1.091E+00	-1.553E-01	-1.933E-01	-4.032E+04	-4.121E+02	-3.326E+03	-1.170E-01	-1.129E+00	1.767E+00	-1.369E+02	-4.060E+04	1.653E+00
253	1	12	-1.093E+00	-1.552E-01	-1.927E-01	-4.032E+04	-4.119E+02	-3.326E+03	-1.172E-01	-1.131E+00	1.766E+00	-1.367E+02	-4.060E+04	1.653E+00
253	1	13	-1.082E+00	-6.199E-02	-8.972E-02	-4.034E+04	-5.415E+02	-3.172E+03	-5.416E-02	-1.089E+00	1.658E+00	-2.902E+02	-4.060E+04	1.650E+00
253	1	14	-1.084E+00	-6.187E-02	-8.907E-02	-4.034E+04	-5.413E+02	-3.173E+03	-5.417E-02	-1.092E+00	1.657E+00	-2.899E+02	-4.060E+04	1.650E+00
253	1	15	-1.106E+00	-1.538E-01	-1.895E-01	-4.031E+04	-4.113E+02	-3.325E+03	-1.175E-01	-1.142E+00	1.760E+00	-1.361E+02	-4.059E+04	1.653E+00
253	1	16	-1.108E+00	-1.537E-01	-1.888E-01	-4.031E+04	-4.111E+02	-3.326E+03	-1.177E-01	-1.144E+00	1.759E+00	-1.359E+02	-4.059E+04	1.653E+00
253	2	1	-1.911E+00	4.278E-01	2.945E-01	-2.533E+04	-3.880E+03	5.182E+02	4.643E-01	-1.947E+00	1.447E+00	-3.867E+03	-2.534E+04	1.547E+00
253	2	2	-1.913E+00	4.283E-01	2.952E-01	-2.532E+04	-3.880E+03	5.178E+02	4.650E-01	-1.950E+00	1.447E+00	-3.867E+03	-2.534E+04	1.547E+00
253	2	3	-2.019E+00	1.900E-01	6.614E-02	-2.537E+04	-3.847E+03	2.984E+02	1.920E-01	-2.021E+00	1.541E+00	-3.843E+03	-2.537E+04	1.557E+00
253	2	4	-2.022E+00	1.906E-01	6.691E-02	-2.537E+04	-3.847E+03	2.980E+02	1.926E-01	-2.024E+00	1.541E+00	-3.843E+03	-2.537E+04	1.557E+00
253	2	5	-1.925E+00	4.328E-01	2.987E-01	-2.531E+04	-3.881E+03	5.190E+02	4.700E-01	-1.962E+00	1.447E+00	-3.869E+03	-2.532E+04	1.547E+00
253	2	6	-1.927E+00	4.333E-01	2.994E-01	-2.531E+04	-3.881E+03	5.186E+02	4.707E-01	-1.965E+00	1.447E+00	-3.869E+03	-2.532E+04	1.547E+00
253	2	7	-2.033E+00	1.950E-01	7.033E-02	-2.535E+04	-3.849E+03	2.991E+02	1.972E-01	-2.035E+00	1.539E+00	-3.844E+03	-2.536E+04	1.557E+00
253	2	8	-2.036E+00	1.955E-01	7.110E-02	-2.535E+04	-3.849E+03	2.988E+02	1.978E-01	-2.038E+00	1.539E+00	-3.844E+03	-2.536E+04	1.557E+00
253	2	9	-1.077E+00	-8.349E-02	-1.317E-01	-2.629E+04	-3.789E+03	-1.449E+02	-6.633E-02	-1.094E+00	1.700E+00	-3.788E+03	-2.629E+04	1.577E+00
253	2	10	-1.080E+00	-8.295E-02	-1.309E-01	-2.629E+04	-3.789E+03	-1.453E+02	-6.604E-02	-1.097E+00	1.699E+00	-3.788E+03	-2.629E+04	1.577E+00
253	2	11	-1.186E+00	-3.213E-01	-3.600E-01	-2.633E+04	-3.756E+03	-3.647E+02	-1.909E-01	-1.316E+00	1.918E+00	-3.750E+03	-2.634E+04	1.587E+00
253	2	12	-1.188E+00	-3.207E-01	-3.593E-01	-2.633E+04	-3.756E+03	-3.651E+02	-1.912E-01	-1.317E+00	1.917E+00	-3.750E+03	-2.634E+04	1.587E+00
253	2	13	-1.091E+00	-7.851E-02	-1.275E-01	-2.627E+04	-3.790E+03	-1.441E+02	-6.271E-02	-1.107E+00	1.694E+00	-3.789E+03	-2.628E+04	1.577E+00
253	2	14	-1.094E+00	-7.798E-02	-1.267E-01	-2.627E+04	-3.790E+03	-1.445E+02	-6.240E-02	-1.109E+00	1.693E+00	-3.789E+03	-2.627E+04	1.577E+00
253	2	15	-1.200E+00	-3.163E-01	-3.558E-01	-2.632E+04	-3.757E+03	-3.639E+02	-1.908E-01	-1.325E+00	1.910E+00	-3.752E+03	-2.633E+04	1.587E+00
253	2	16	-1.202E+00	-3.157E-01	-3.551E-01	-2.632E+04	-3.758E+03	-3.643E+02	-1.910E-01	-1.327E+00	1.909E+00	-3.752E+03	-2.632E+04	1.587E+00
253	3	1	-1.890E+00	1.207E-01	1.783E-01	-3.954E+04	-1.334E+03	1.119E+03	1.364E-01	-1.906E+00	1.483E+00	-1.302E+03	-3.957E+04	1.542E+00
253	3	2	-1.892E+00	1.207E-01	1.790E-01	-3.954E+04	-1.334E+03	1.118E+03	1.365E-01	-1.908E+00	1.483E+00	-1.302E+03	-3.957E+04	1.542E+00
253	3	3	-2.053E+00	9.121E-02	8.561E-02	-3.959E+04	-1.342E+03	9.434E+02	9.462E-02	-2.056E+00	1.531E+00	-1.319E+03	-3.961E+04	1.546E+00
253	3	4	-2.055E+00	9.126E-02	8.623E-02	-3.959E+04	-1.342E+03	9.431E+02	9.472E-02	-2.059E+00	1.531E+00	-1.319E+03	-3.961E+04	1.546E+00
253	3	5	-1.904E+00	1.220E-01	1.820E-01	-3.953E+04	-1.333E+03	1.119E+03	1.382E-01	-1.921E+00	1.482E+00	-1.300E+03	-3.956E+04	1.542E+00

253	3	6	-1.907E+00	1.220E-01	1.827E-01	-3.953E+04	-1.333E+03	1.119E+03	1.383E-01	-1.923E+00	1.482E+00	-1.300E+03	-3.956E+04	1.542E+00
253	3	7	-2.067E+00	9.250E-02	8.931E-02	-3.957E+04	-1.340E+03	9.436E+02	9.618E-02	-2.071E+00	1.530E+00	-1.317E+03	-3.960E+04	1.546E+00
253	3	8	-2.069E+00	9.255E-02	8.993E-02	-3.957E+04	-1.340E+03	9.433E+02	9.629E-02	-2.073E+00	1.529E+00	-1.317E+03	-3.960E+04	1.546E+00
253	3	9	-1.081E+00	-4.108E-02	-9.228E-02	-4.030E+04	-1.462E+03	5.971E+02	-3.295E-02	-1.089E+00	1.659E+00	-1.453E+03	-4.031E+04	1.555E+00
253	3	10	-1.084E+00	-4.102E-02	-9.166E-02	-4.030E+04	-1.462E+03	5.968E+02	-3.302E-02	-1.091E+00	1.658E+00	-1.453E+03	-4.031E+04	1.555E+00
253	3	11	-1.244E+00	-7.054E-02	-1.850E-01	-4.035E+04	-1.469E+03	4.218E+02	-4.207E-02	-1.272E+00	1.724E+00	-1.465E+03	-4.035E+04	1.560E+00
253	3	12	-1.246E+00	-7.049E-02	-1.844E-01	-4.035E+04	-1.469E+03	4.215E+02	-4.225E-02	-1.274E+00	1.723E+00	-1.465E+03	-4.035E+04	1.560E+00
253	3	13	-1.095E+00	-3.979E-02	-8.859E-02	-4.029E+04	-1.460E+03	5.973E+02	-3.240E-02	-1.103E+00	1.654E+00	-1.451E+03	-4.030E+04	1.555E+00
253	3	14	-1.098E+00	-3.973E-02	-8.796E-02	-4.029E+04	-1.460E+03	5.970E+02	-3.247E-02	-1.105E+00	1.653E+00	-1.451E+03	-4.030E+04	1.555E+00
253	3	15	-1.258E+00	-6.926E-02	-1.813E-01	-4.034E+04	-1.468E+03	4.219E+02	-4.222E-02	-1.285E+00	1.719E+00	-1.463E+03	-4.034E+04	1.560E+00
253	3	16	-1.260E+00	-6.920E-02	-1.807E-01	-4.034E+04	-1.468E+03	4.216E+02	-4.240E-02	-1.287E+00	1.718E+00	-1.463E+03	-4.034E+04	1.560E+00
253	4	1	-1.956E+00	-1.417E-01	9.865E-02	-5.395E+04	9.483E+02	-2.484E+02	-1.364E-01	-1.961E+00	1.517E+00	9.494E+02	-5.396E+04	1.575E+00
253	4	2	-1.958E+00	-1.421E-01	9.915E-02	-5.395E+04	9.488E+02	-2.487E+02	-1.367E-01	-1.964E+00	1.516E+00	9.499E+02	-5.396E+04	1.575E+00
253	4	3	-2.034E+00	-2.529E-02	1.345E-01	-5.392E+04	1.060E+03	-2.954E+02	-1.633E-02	-2.043E+00	1.504E+00	1.061E+03	-5.392E+04	1.576E+00
253	4	4	-2.037E+00	-2.565E-02	1.350E-01	-5.392E+04	1.060E+03	-2.957E+02	-1.663E-02	-2.046E+00	1.504E+00	1.062E+03	-5.393E+04	1.576E+00
253	4	5	-1.971E+00	-1.439E-01	1.020E-01	-5.395E+04	9.530E+02	-2.482E+02	-1.383E-01	-1.976E+00	1.515E+00	9.541E+02	-5.395E+04	1.575E+00
253	4	6	-1.973E+00	-1.443E-01	1.025E-01	-5.395E+04	9.534E+02	-2.485E+02	-1.386E-01	-1.979E+00	1.515E+00	9.545E+02	-5.395E+04	1.575E+00
253	4	7	-2.049E+00	-2.749E-02	1.378E-01	-5.392E+04	1.064E+03	-2.953E+02	-1.813E-02	-2.058E+00	1.503E+00	1.066E+03	-5.392E+04	1.576E+00
253	4	8	-2.051E+00	-2.785E-02	1.383E-01	-5.392E+04	1.065E+03	-2.956E+02	-1.844E-02	-2.061E+00	1.503E+00	1.066E+03	-5.392E+04	1.576E+00
253	4	9	-1.074E+00	-9.460E-03	-7.948E-02	-5.447E+04	6.693E+02	-7.980E+02	-3.559E-03	-1.080E+00	1.645E+00	6.808E+02	-5.449E+04	1.585E+00
253	4	10	-1.076E+00	-9.822E-03	-7.898E-02	-5.447E+04	6.697E+02	-7.983E+02	-4.006E-03	-1.082E+00	1.644E+00	6.813E+02	-5.449E+04	1.585E+00
253	4	11	-1.153E+00	1.070E-01	-4.363E-02	-5.444E+04	7.805E+02	-8.450E+02	1.085E-01	-1.154E+00	1.605E+00	7.934E+02	-5.446E+04	1.586E+00
253	4	12	-1.155E+00	1.066E-01	-4.313E-02	-5.444E+04	7.809E+02	-8.453E+02	1.081E-01	-1.156E+00	1.605E+00	7.939E+02	-5.446E+04	1.586E+00
253	4	13	-1.089E+00	-1.166E-02	-7.613E-02	-5.447E+04	6.739E+02	-7.978E+02	-6.305E-03	-1.094E+00	1.641E+00	6.855E+02	-5.448E+04	1.585E+00
253	4	14	-1.091E+00	-1.202E-02	-7.563E-02	-5.447E+04	6.744E+02	-7.981E+02	-6.747E-03	-1.096E+00	1.640E+00	6.859E+02	-5.448E+04	1.585E+00
253	4	15	-1.167E+00	1.048E-01	-4.028E-02	-5.444E+04	7.852E+02	-8.449E+02	1.061E-01	-1.168E+00	1.602E+00	7.981E+02	-5.445E+04	1.586E+00
253	4	16	-1.170E+00	1.044E-01	-3.978E-02	-5.444E+04	7.856E+02	-8.452E+02	1.057E-01	-1.171E+00	1.602E+00	7.985E+02	-5.445E+04	1.586E+00
254	1	1	-1.879E+00	3.270E-01	7.334E-01	-4.057E+04	-4.214E+03	1.667E+03	5.486E-01	-2.101E+00	1.277E+00	-4.138E+03	-4.065E+04	1.525E+00
254	1	2	-1.881E+00	3.278E-01	7.359E-01	-4.057E+04	-4.214E+03	1.666E+03	5.505E-01	-2.104E+00	1.277E+00	-4.137E+03	-4.064E+04	1.525E+00
254	1	3	-2.066E+00	1.372E-01	5.803E-01	-4.056E+04	-3.853E+03	1.545E+03	2.807E-01	-2.209E+00	1.328E+00	-3.788E+03	-4.062E+04	1.529E+00
254	1	4	-2.068E+00	1.380E-01	5.828E-01	-4.056E+04	-3.853E+03	1.544E+03	2.825E-01	-2.213E+00	1.328E+00	-3.788E+03	-4.062E+04	1.529E+00
254	1	5	-1.893E+00	3.296E-01	7.500E-01	-4.056E+04	-4.218E+03	1.668E+03	5.591E-01	-2.122E+00	1.274E+00	-4.142E+03	-4.063E+04	1.525E+00
254	1	6	-1.895E+00	3.304E-01	7.525E-01	-4.056E+04	-4.218E+03	1.667E+03	5.610E-01	-2.126E+00	1.274E+00	-4.141E+03	-4.063E+04	1.525E+00
254	1	7	-2.080E+00	1.398E-01	5.969E-01	-4.055E+04	-3.857E+03	1.546E+03	2.901E-01	-2.230E+00	1.324E+00	-3.792E+03	-4.061E+04	1.529E+00
254	1	8	-2.082E+00	1.406E-01	5.994E-01	-4.055E+04	-3.857E+03	1.545E+03	2.919E-01	-2.233E+00	1.323E+00	-3.792E+03	-4.061E+04	1.529E+00
254	1	9	-1.097E+00	-2.788E-01	-2.066E-01	-4.126E+04	-3.644E+03	1.151E+03	-2.296E-01	-1.146E+00	1.805E+00	-3.609E+03	-4.130E+04	1.540E+00
254	1	10	-1.099E+00	-2.780E-01	-2.041E-01	-4.126E+04	-3.644E+03	1.151E+03	-2.300E-01	-1.147E+00	1.801E+00	-3.608E+03	-4.130E+04	1.540E+00
254	1	11	-1.284E+00	-4.686E-01	-3.597E-01	-4.125E+04	-3.283E+03	1.029E+03	-3.326E-01	-1.420E+00	1.932E+00	-3.255E+03	-4.128E+04	1.544E+00
254	1	12	-1.286E+00	-4.678E-01	-3.572E-01	-4.125E+04	-3.283E+03	1.029E+03	-3.338E-01	-1.420E+00	1.930E+00	-3.255E+03	-4.128E+04	1.544E+00
254	1	13	-1.111E+00	-2.761E-01	-1.899E-01	-4.125E+04	-3.648E+03	1.153E+03	-2.350E-01	-1.152E+00	1.784E+00	-3.613E+03	-4.129E+04	1.540E+00
254	1	14	-1.113E+00	-2.753E-01	-1.875E-01	-4.125E+04	-3.648E+03	1.152E+03	-2.353E-01	-1.153E+00	1.781E+00	-3.612E+03	-4.129E+04	1.540E+00
254	1	15	-1.298E+00	-4.660E-01	-3.431E-01	-4.124E+04	-3.287E+03	1.030E+03	-3.428E-01	-1.421E+00	1.916E+00	-3.259E+03	-4.127E+04	1.544E+00
254	1	16	-1.300E+00	-4.652E-01	-3.406E-01	-4.124E+04	-3.287E+03	1.030E+03	-3.439E-01	-1.421E+00	1.913E+00	-3.259E+03	-4.127E+04	1.544E+00

254	2	1	-2.112E+00	1.112E+00	7.522E-01	-1.953E+04	-1.581E+04	2.289E+03	1.279E+00	-2.279E+00	1.353E+00	-1.472E+04	-2.062E+04	1.126E+00
254	2	2	-2.113E+00	1.113E+00	7.553E-01	-1.953E+04	-1.581E+04	2.288E+03	1.281E+00	-2.281E+00	1.352E+00	-1.472E+04	-2.062E+04	1.126E+00
254	2	3	-2.227E+00	1.918E-01	4.985E-01	-1.949E+04	-1.516E+04	2.194E+03	2.905E-01	-2.325E+00	1.375E+00	-1.424E+04	-2.041E+04	1.175E+00
254	2	4	-2.228E+00	1.928E-01	5.016E-01	-1.949E+04	-1.516E+04	2.193E+03	2.926E-01	-2.328E+00	1.374E+00	-1.424E+04	-2.041E+04	1.175E+00
254	2	5	-2.138E+00	1.128E+00	7.642E-01	-1.952E+04	-1.581E+04	2.288E+03	1.298E+00	-2.308E+00	1.352E+00	-1.472E+04	-2.061E+04	1.126E+00
254	2	6	-2.139E+00	1.129E+00	7.673E-01	-1.951E+04	-1.581E+04	2.287E+03	1.300E+00	-2.311E+00	1.351E+00	-1.472E+04	-2.061E+04	1.126E+00
254	2	7	-2.253E+00	2.080E-01	5.106E-01	-1.948E+04	-1.516E+04	2.194E+03	3.097E-01	-2.354E+00	1.374E+00	-1.424E+04	-2.040E+04	1.174E+00
254	2	8	-2.254E+00	2.090E-01	5.137E-01	-1.948E+04	-1.516E+04	2.193E+03	3.118E-01	-2.357E+00	1.373E+00	-1.424E+04	-2.040E+04	1.174E+00
254	2	9	-3.925E-01	-6.534E-01	1.383E-01	-2.027E+04	-1.649E+04	1.843E+03	-3.328E-01	-7.130E-01	4.073E-01	-1.574E+04	-2.102E+04	1.184E+00
254	2	10	-3.937E-01	-6.524E-01	1.414E-01	-2.027E+04	-1.649E+04	1.842E+03	-3.314E-01	-7.147E-01	4.149E-01	-1.574E+04	-2.102E+04	1.184E+00
254	2	11	-5.071E-01	-1.573E+00	-1.153E-01	-2.023E+04	-1.584E+04	1.748E+03	-4.948E-01	-1.586E+00	-1.065E-01	-1.523E+04	-2.084E+04	1.235E+00
254	2	12	-5.083E-01	-1.572E+00	-1.122E-01	-2.023E+04	-1.584E+04	1.747E+03	-4.966E-01	-1.584E+00	-1.039E-01	-1.523E+04	-2.084E+04	1.235E+00
254	2	13	-4.185E-01	-6.371E-01	1.504E-01	-2.025E+04	-1.649E+04	1.842E+03	-3.419E-01	-7.137E-01	4.711E-01	-1.574E+04	-2.101E+04	1.183E+00
254	2	14	-4.197E-01	-6.362E-01	1.535E-01	-2.025E+04	-1.649E+04	1.842E+03	-3.401E-01	-7.157E-01	4.782E-01	-1.574E+04	-2.101E+04	1.183E+00
254	2	15	-5.331E-01	-1.557E+00	-1.032E-01	-2.022E+04	-1.584E+04	1.748E+03	-5.228E-01	-1.567E+00	-9.949E-02	-1.523E+04	-2.083E+04	1.234E+00
254	2	16	-5.343E-01	-1.556E+00	-1.001E-01	-2.022E+04	-1.584E+04	1.747E+03	-5.245E-01	-1.566E+00	-9.677E-02	-1.523E+04	-2.083E+04	1.234E+00
254	3	1	-2.131E+00	3.451E-01	8.824E-01	-3.864E+04	-2.101E+04	-1.448E+03	6.274E-01	-2.413E+00	1.261E+00	-2.090E+04	-3.876E+04	1.652E+00
254	3	2	-2.131E+00	3.451E-01	8.849E-01	-3.864E+04	-2.102E+04	-1.449E+03	6.289E-01	-2.414E+00	1.260E+00	-2.090E+04	-3.876E+04	1.652E+00
254	3	3	-2.403E+00	1.860E-01	5.737E-01	-3.871E+04	-2.061E+04	-1.395E+03	3.074E-01	-2.525E+00	1.362E+00	-2.051E+04	-3.882E+04	1.647E+00
254	3	4	-2.403E+00	1.860E-01	5.763E-01	-3.871E+04	-2.062E+04	-1.396E+03	3.085E-01	-2.526E+00	1.361E+00	-2.051E+04	-3.882E+04	1.647E+00
254	3	5	-2.166E+00	3.553E-01	9.010E-01	-3.862E+04	-2.101E+04	-1.449E+03	6.442E-01	-2.455E+00	1.260E+00	-2.089E+04	-3.874E+04	1.652E+00
254	3	6	-2.166E+00	3.553E-01	9.036E-01	-3.862E+04	-2.101E+04	-1.449E+03	6.457E-01	-2.456E+00	1.260E+00	-2.089E+04	-3.874E+04	1.652E+00
254	3	7	-2.438E+00	1.961E-01	5.924E-01	-3.870E+04	-2.061E+04	-1.396E+03	3.232E-01	-2.566E+00	1.359E+00	-2.050E+04	-3.880E+04	1.647E+00
254	3	8	-2.438E+00	1.961E-01	5.950E-01	-3.870E+04	-2.061E+04	-1.396E+03	3.243E-01	-2.567E+00	1.359E+00	-2.051E+04	-3.880E+04	1.647E+00
254	3	9	2.868E-01	-7.016E-01	-2.277E-01	-3.981E+04	-2.126E+04	-1.656E+03	3.367E-01	-7.515E-01	-2.159E-01	-2.112E+04	-3.996E+04	1.659E+00
254	3	10	2.868E-01	-7.016E-01	-2.251E-01	-3.981E+04	-2.126E+04	-1.656E+03	3.357E-01	-7.505E-01	-2.137E-01	-2.112E+04	-3.996E+04	1.659E+00
254	3	11	1.405E-02	-8.608E-01	-5.364E-01	-3.988E+04	-2.086E+04	-1.603E+03	2.687E-01	-1.115E+00	-4.433E-01	-2.073E+04	-4.002E+04	1.654E+00
254	3	12	1.409E-02	-8.607E-01	-5.338E-01	-3.988E+04	-2.086E+04	-1.604E+03	2.668E-01	-1.113E+00	-4.421E-01	-2.073E+04	-4.002E+04	1.654E+00
254	3	13	2.517E-01	-6.914E-01	-2.090E-01	-3.979E+04	-2.126E+04	-1.656E+03	2.960E-01	-7.357E-01	-2.086E-01	-2.111E+04	-3.994E+04	1.659E+00
254	3	14	2.518E-01	-6.914E-01	-2.065E-01	-3.979E+04	-2.126E+04	-1.657E+03	2.950E-01	-7.347E-01	-2.063E-01	-2.111E+04	-3.994E+04	1.659E+00
254	3	15	-2.096E-02	-8.506E-01	-5.177E-01	-3.986E+04	-2.086E+04	-1.603E+03	2.276E-01	-1.099E+00	-4.476E-01	-2.073E+04	-4.000E+04	1.654E+00
254	3	16	-2.092E-02	-8.506E-01	-5.151E-01	-3.987E+04	-2.086E+04	-1.604E+03	2.256E-01	-1.097E+00	-4.464E-01	-2.073E+04	-4.000E+04	1.654E+00
254	4	1	-1.892E+00	-4.934E-01	8.714E-01	-5.711E+04	-1.669E+04	-1.995E+03	-7.543E-02	-2.310E+00	1.124E+00	-1.660E+04	-5.721E+04	1.620E+00
254	4	2	-1.893E+00	-4.936E-01	8.733E-01	-5.711E+04	-1.669E+04	-1.995E+03	-7.423E-02	-2.312E+00	1.123E+00	-1.660E+04	-5.721E+04	1.620E+00
254	4	3	-2.237E+00	7.749E-02	6.632E-01	-5.724E+04	-1.649E+04	-2.008E+03	2.541E-01	-2.413E+00	1.311E+00	-1.639E+04	-5.734E+04	1.620E+00
254	4	4	-2.238E+00	7.734E-02	6.652E-01	-5.724E+04	-1.649E+04	-2.008E+03	2.548E-01	-2.415E+00	1.310E+00	-1.639E+04	-5.734E+04	1.620E+00
254	4	5	-1.915E+00	-4.969E-01	8.946E-01	-5.710E+04	-1.669E+04	-1.999E+03	-6.440E-02	-2.347E+00	1.120E+00	-1.659E+04	-5.719E+04	1.620E+00
254	4	6	-1.916E+00	-4.970E-01	8.965E-01	-5.710E+04	-1.669E+04	-2.000E+03	-6.319E-02	-2.350E+00	1.120E+00	-1.659E+04	-5.720E+04	1.620E+00
254	4	7	-2.260E+00	7.405E-02	6.865E-01	-5.722E+04	-1.649E+04	-2.012E+03	2.610E-01	-2.447E+00	1.305E+00	-1.639E+04	-5.732E+04	1.620E+00
254	4	8	-2.261E+00	7.390E-02	6.884E-01	-5.722E+04	-1.649E+04	-2.012E+03	2.617E-01	-2.449E+00	1.304E+00	-1.639E+04	-5.732E+04	1.620E+00
254	4	9	-4.234E-01	-2.731E-01	-5.803E-01	-5.822E+04	-1.684E+04	-1.748E+03	2.369E-01	-9.334E-01	2.292E+00	-1.677E+04	-5.830E+04	1.613E+00
254	4	10	-4.244E-01	-2.733E-01	-5.784E-01	-5.822E+04	-1.684E+04	-1.748E+03	2.344E-01	-9.321E-01	2.291E+00	-1.677E+04	-5.830E+04	1.613E+00
254	4	11	-7.684E-01	2.978E-01	-7.884E-01	-5.835E+04	-1.664E+04	-1.761E+03	7.164E-01	-1.187E+00	2.059E+00	-1.657E+04	-5.842E+04	1.613E+00

254	4	12	-7.693E-01	2.976E-01	-7.865E-01	-5.835E+04	-1.664E+04	-1.761E+03	7.145E-01	-1.186E+00	2.058E+00	-1.657E+04	-5.842E+04	1.613E+00
254	4	13	-4.464E-01	-2.766E-01	-5.571E-01	-5.821E+04	-1.684E+04	-1.752E+03	2.020E-01	-9.250E-01	2.281E+00	-1.676E+04	-5.828E+04	1.613E+00
254	4	14	-4.474E-01	-2.767E-01	-5.552E-01	-5.821E+04	-1.684E+04	-1.753E+03	1.996E-01	-9.237E-01	2.280E+00	-1.676E+04	-5.828E+04	1.613E+00
254	4	15	-7.913E-01	2.943E-01	-7.652E-01	-5.833E+04	-1.664E+04	-1.765E+03	6.897E-01	-1.187E+00	2.048E+00	-1.656E+04	-5.841E+04	1.613E+00
254	4	16	-7.923E-01	2.942E-01	-7.633E-01	-5.833E+04	-1.664E+04	-1.765E+03	6.878E-01	-1.186E+00	2.047E+00	-1.656E+04	-5.841E+04	1.613E+00
255	1	1	-2.116E+00	4.360E-01	-6.505E-01	-3.870E+04	-2.134E+04	-1.610E+03	5.923E-01	-2.272E+00	1.807E+00	-2.119E+04	-3.885E+04	1.663E+00
255	1	2	-2.116E+00	4.369E-01	-6.481E-01	-3.870E+04	-2.134E+04	-1.611E+03	5.920E-01	-2.271E+00	1.806E+00	-2.119E+04	-3.885E+04	1.663E+00
255	1	3	-2.423E+00	4.758E-02	-9.454E-01	-3.873E+04	-2.073E+04	-1.506E+03	3.678E-01	-2.743E+00	1.897E+00	-2.060E+04	-3.886E+04	1.654E+00
255	1	4	-2.423E+00	4.838E-02	-9.430E-01	-3.873E+04	-2.073E+04	-1.507E+03	3.671E-01	-2.742E+00	1.897E+00	-2.060E+04	-3.886E+04	1.654E+00
255	1	5	-2.151E+00	4.473E-01	-6.632E-01	-3.868E+04	-2.133E+04	-1.614E+03	6.068E-01	-2.310E+00	1.807E+00	-2.119E+04	-3.883E+04	1.663E+00
255	1	6	-2.151E+00	4.481E-01	-6.608E-01	-3.868E+04	-2.133E+04	-1.615E+03	6.065E-01	-2.309E+00	1.806E+00	-2.119E+04	-3.883E+04	1.663E+00
255	1	7	-2.458E+00	5.886E-02	-9.582E-01	-3.872E+04	-2.072E+04	-1.510E+03	3.821E-01	-2.781E+00	1.896E+00	-2.060E+04	-3.884E+04	1.654E+00
255	1	8	-2.458E+00	5.967E-02	-9.558E-01	-3.872E+04	-2.072E+04	-1.511E+03	3.814E-01	-2.780E+00	1.896E+00	-2.060E+04	-3.884E+04	1.654E+00
255	1	9	3.040E-01	-5.791E-01	5.679E-01	-3.987E+04	-2.159E+04	-1.460E+03	5.818E-01	-8.569E-01	4.550E-01	-2.148E+04	-3.998E+04	1.650E+00
255	1	10	3.042E-01	-5.783E-01	5.703E-01	-3.987E+04	-2.159E+04	-1.461E+03	5.840E-01	-8.582E-01	4.562E-01	-2.148E+04	-3.998E+04	1.650E+00
255	1	11	-3.094E-03	-9.676E-01	2.730E-01	-3.990E+04	-2.098E+04	-1.356E+03	6.881E-02	-1.040E+00	2.576E-01	-2.089E+04	-4.000E+04	1.642E+00
255	1	12	-2.933E-03	-9.668E-01	2.754E-01	-3.990E+04	-2.098E+04	-1.357E+03	7.021E-02	-1.040E+00	2.596E-01	-2.089E+04	-4.000E+04	1.642E+00
255	1	13	2.692E-01	-5.678E-01	5.552E-01	-3.985E+04	-2.159E+04	-1.464E+03	5.459E-01	-8.446E-01	4.624E-01	-2.147E+04	-3.997E+04	1.650E+00
255	1	14	2.693E-01	-5.670E-01	5.576E-01	-3.985E+04	-2.159E+04	-1.465E+03	5.481E-01	-8.458E-01	4.637E-01	-2.147E+04	-3.997E+04	1.650E+00
255	1	15	-3.794E-02	-9.563E-01	2.602E-01	-3.988E+04	-2.098E+04	-1.360E+03	3.068E-02	-1.025E+00	2.578E-01	-2.088E+04	-3.998E+04	1.642E+00
255	1	16	-3.778E-02	-9.555E-01	2.626E-01	-3.988E+04	-2.098E+04	-1.361E+03	3.208E-02	-1.025E+00	2.599E-01	-2.088E+04	-3.998E+04	1.642E+00
255	2	1	-2.220E+00	1.061E+00	-6.242E-01	-1.948E+04	-1.652E+04	-2.418E+03	1.176E+00	-2.335E+00	1.753E+00	-1.517E+04	-2.084E+04	2.081E+00
255	2	2	-2.219E+00	1.062E+00	-6.212E-01	-1.948E+04	-1.652E+04	-2.419E+03	1.176E+00	-2.333E+00	1.752E+00	-1.517E+04	-2.084E+04	2.082E+00
255	2	3	-2.191E+00	2.472E-01	-8.013E-01	-1.943E+04	-1.573E+04	-2.198E+03	4.869E-01	-2.431E+00	1.862E+00	-1.471E+04	-2.045E+04	2.006E+00
255	2	4	-2.190E+00	2.479E-01	-7.983E-01	-1.943E+04	-1.573E+04	-2.200E+03	4.860E-01	-2.428E+00	1.861E+00	-1.471E+04	-2.046E+04	2.006E+00
255	2	5	-2.244E+00	1.078E+00	-6.290E-01	-1.947E+04	-1.652E+04	-2.424E+03	1.193E+00	-2.359E+00	1.752E+00	-1.516E+04	-2.084E+04	2.083E+00
255	2	6	-2.242E+00	1.078E+00	-6.260E-01	-1.948E+04	-1.653E+04	-2.425E+03	1.192E+00	-2.357E+00	1.751E+00	-1.516E+04	-2.084E+04	2.083E+00
255	2	7	-2.215E+00	2.634E-01	-8.061E-01	-1.942E+04	-1.573E+04	-2.204E+03	5.026E-01	-2.454E+00	1.859E+00	-1.470E+04	-2.045E+04	2.008E+00
255	2	8	-2.213E+00	2.641E-01	-8.032E-01	-1.942E+04	-1.573E+04	-2.205E+03	5.017E-01	-2.451E+00	1.858E+00	-1.470E+04	-2.045E+04	2.008E+00
255	2	9	-4.555E-01	-7.031E-01	1.221E-01	-2.025E+04	-1.586E+04	-2.186E+03	-4.054E-01	-7.532E-01	3.893E-01	-1.496E+04	-2.115E+04	1.963E+00
255	2	10	-4.544E-01	-7.024E-01	1.251E-01	-2.025E+04	-1.586E+04	-2.187E+03	-4.023E-01	-7.546E-01	3.949E-01	-1.496E+04	-2.115E+04	1.963E+00
255	2	11	-4.265E-01	-1.517E+00	-5.504E-02	-2.020E+04	-1.507E+04	-1.966E+03	-4.237E-01	-1.520E+00	-5.028E-02	-1.440E+04	-2.086E+04	1.898E+00
255	2	12	-4.253E-01	-1.517E+00	-5.206E-02	-2.020E+04	-1.507E+04	-1.968E+03	-4.229E-01	-1.519E+00	-4.756E-02	-1.440E+04	-2.087E+04	1.898E+00
255	2	13	-4.788E-01	-6.869E-01	1.173E-01	-2.024E+04	-1.586E+04	-2.192E+03	-4.260E-01	-7.397E-01	4.226E-01	-1.495E+04	-2.115E+04	1.964E+00
255	2	14	-4.776E-01	-6.862E-01	1.203E-01	-2.024E+04	-1.586E+04	-2.193E+03	-4.227E-01	-7.411E-01	4.283E-01	-1.495E+04	-2.115E+04	1.964E+00
255	2	15	-4.497E-01	-1.501E+00	-5.984E-02	-2.019E+04	-1.507E+04	-1.972E+03	-4.463E-01	-1.505E+00	-5.667E-02	-1.440E+04	-2.086E+04	1.899E+00
255	2	16	-4.486E-01	-1.500E+00	-5.687E-02	-2.019E+04	-1.507E+04	-1.973E+03	-4.455E-01	-1.504E+00	-5.386E-02	-1.440E+04	-2.086E+04	1.899E+00
255	3	1	-2.170E+00	5.407E-01	-5.364E-01	-4.081E+04	-4.377E+03	-1.731E+03	6.430E-01	-2.273E+00	1.759E+00	-4.295E+03	-4.089E+04	1.618E+00
255	3	2	-2.168E+00	5.408E-01	-5.339E-01	-4.081E+04	-4.378E+03	-1.732E+03	6.422E-01	-2.270E+00	1.759E+00	-4.296E+03	-4.089E+04	1.618E+00
255	3	3	-1.905E+00	-5.234E-02	-8.988E-01	-4.065E+04	-3.829E+03	-1.521E+03	3.120E-01	-2.269E+00	1.956E+00	-3.766E+03	-4.071E+04	1.612E+00
255	3	4	-1.903E+00	-5.226E-02	-8.963E-01	-4.065E+04	-3.829E+03	-1.522E+03	3.107E-01	-2.266E+00	1.956E+00	-3.766E+03	-4.071E+04	1.612E+00
255	3	5	-2.179E+00	5.427E-01	-5.471E-01	-4.080E+04	-4.383E+03	-1.737E+03	6.485E-01	-2.285E+00	1.762E+00	-4.300E+03	-4.088E+04	1.618E+00
255	3	6	-2.177E+00	5.427E-01	-5.446E-01	-4.080E+04	-4.383E+03	-1.737E+03	6.478E-01	-2.282E+00	1.761E+00	-4.301E+03	-4.088E+04	1.618E+00

255	3	7	-1.914E+00	-5.042E-02	-9.095E-01	-4.064E+04	-3.834E+03	-1.526E+03	3.199E-01	-2.284E+00	1.957E+00	-3.771E+03	-4.070E+04	1.612E+00
255	3	8	-1.912E+00	-5.034E-02	-9.071E-01	-4.064E+04	-3.835E+03	-1.527E+03	3.186E-01	-2.281E+00	1.957E+00	-3.771E+03	-4.070E+04	1.612E+00
255	3	9	-1.306E+00	-8.863E-02	4.963E-01	-4.154E+04	-3.844E+03	-1.336E+03	8.802E-02	-1.483E+00	1.229E+00	-3.797E+03	-4.158E+04	1.606E+00
255	3	10	-1.304E+00	-8.855E-02	4.988E-01	-4.154E+04	-3.845E+03	-1.337E+03	8.989E-02	-1.483E+00	1.227E+00	-3.798E+03	-4.158E+04	1.606E+00
255	3	11	-1.041E+00	-6.817E-01	1.339E-01	-4.137E+04	-3.295E+03	-1.126E+03	-6.373E-01	-1.086E+00	1.251E+00	-3.262E+03	-4.140E+04	1.600E+00
255	3	12	-1.039E+00	-6.816E-01	1.364E-01	-4.137E+04	-3.296E+03	-1.126E+03	-6.356E-01	-1.085E+00	1.245E+00	-3.263E+03	-4.141E+04	1.600E+00
255	3	13	-1.315E+00	-8.671E-02	4.856E-01	-4.153E+04	-3.850E+03	-1.341E+03	8.205E-02	-1.484E+00	1.236E+00	-3.802E+03	-4.157E+04	1.606E+00
255	3	14	-1.313E+00	-8.663E-02	4.880E-01	-4.153E+04	-3.850E+03	-1.342E+03	8.389E-02	-1.483E+00	1.235E+00	-3.802E+03	-4.158E+04	1.606E+00
255	3	15	-1.050E+00	-6.798E-01	1.232E-01	-4.136E+04	-3.301E+03	-1.131E+03	-6.426E-01	-1.087E+00	1.277E+00	-3.267E+03	-4.140E+04	1.600E+00
255	3	16	-1.048E+00	-6.797E-01	1.256E-01	-4.136E+04	-3.301E+03	-1.132E+03	-6.409E-01	-1.086E+00	1.271E+00	-3.268E+03	-4.140E+04	1.601E+00
255	4	1	-2.059E+00	-1.375E-01	-5.733E-01	-5.743E+04	-1.725E+04	-1.950E+03	2.060E-02	-2.217E+00	1.840E+00	-1.715E+04	-5.752E+04	1.619E+00
255	4	2	-2.058E+00	-1.373E-01	-5.715E-01	-5.743E+04	-1.725E+04	-1.950E+03	1.989E-02	-2.215E+00	1.839E+00	-1.715E+04	-5.752E+04	1.619E+00
255	4	3	-2.130E+00	-3.048E-01	-1.054E+00	-5.740E+04	-1.673E+04	-1.921E+03	1.765E-01	-2.611E+00	1.999E+00	-1.663E+04	-5.749E+04	1.618E+00
255	4	4	-2.129E+00	-3.046E-01	-1.052E+00	-5.740E+04	-1.673E+04	-1.922E+03	1.754E-01	-2.609E+00	1.999E+00	-1.663E+04	-5.749E+04	1.618E+00
255	4	5	-2.079E+00	-1.405E-01	-5.920E-01	-5.741E+04	-1.724E+04	-1.949E+03	2.598E-02	-2.246E+00	1.845E+00	-1.715E+04	-5.750E+04	1.619E+00
255	4	6	-2.078E+00	-1.403E-01	-5.901E-01	-5.741E+04	-1.724E+04	-1.950E+03	2.525E-02	-2.243E+00	1.844E+00	-1.715E+04	-5.751E+04	1.619E+00
255	4	7	-2.150E+00	-3.078E-01	-1.072E+00	-5.738E+04	-1.672E+04	-1.921E+03	1.846E-01	-2.642E+00	2.001E+00	-1.663E+04	-5.748E+04	1.618E+00
255	4	8	-2.149E+00	-3.076E-01	-1.070E+00	-5.738E+04	-1.672E+04	-1.922E+03	1.836E-01	-2.640E+00	2.001E+00	-1.663E+04	-5.748E+04	1.618E+00
255	4	9	-5.541E-01	8.823E-02	9.528E-01	-5.854E+04	-1.739E+04	-1.784E+03	7.725E-01	-1.238E+00	9.480E-01	-1.732E+04	-5.861E+04	1.614E+00
255	4	10	-5.529E-01	8.841E-02	9.547E-01	-5.854E+04	-1.739E+04	-1.785E+03	7.748E-01	-1.239E+00	9.474E-01	-1.732E+04	-5.861E+04	1.614E+00
255	4	11	-6.250E-01	-7.905E-02	4.726E-01	-5.851E+04	-1.687E+04	-1.755E+03	1.937E-01	-8.978E-01	1.047E+00	-1.680E+04	-5.858E+04	1.613E+00
255	4	12	-6.238E-01	-7.886E-02	4.745E-01	-5.851E+04	-1.687E+04	-1.756E+03	1.958E-01	-8.985E-01	1.046E+00	-1.680E+04	-5.859E+04	1.613E+00
255	4	13	-5.743E-01	8.519E-02	9.341E-01	-5.852E+04	-1.739E+04	-1.784E+03	7.460E-01	-1.235E+00	9.551E-01	-1.731E+04	-5.860E+04	1.614E+00
255	4	14	-5.731E-01	8.537E-02	9.360E-01	-5.852E+04	-1.739E+04	-1.784E+03	7.483E-01	-1.236E+00	9.545E-01	-1.731E+04	-5.860E+04	1.614E+00
255	4	15	-6.453E-01	-8.209E-02	4.539E-01	-5.850E+04	-1.687E+04	-1.755E+03	1.705E-01	-8.978E-01	1.063E+00	-1.680E+04	-5.857E+04	1.613E+00
255	4	16	-6.440E-01	-8.190E-02	4.558E-01	-5.850E+04	-1.687E+04	-1.756E+03	1.725E-01	-8.985E-01	1.062E+00	-1.680E+04	-5.857E+04	1.613E+00
256	1	1	-2.221E+00	1.060E-01	-6.913E-02	-3.975E+04	-1.336E+03	-1.184E+03	1.081E-01	-2.223E+00	1.600E+00	-1.299E+03	-3.979E+04	1.602E+00
256	1	2	-2.218E+00	1.061E-01	-6.868E-02	-3.975E+04	-1.336E+03	-1.185E+03	1.081E-01	-2.220E+00	1.600E+00	-1.299E+03	-3.979E+04	1.602E+00
256	1	3	-1.867E+00	1.040E-01	-2.257E-01	-3.967E+04	-1.345E+03	-8.991E+02	1.295E-01	-1.892E+00	1.683E+00	-1.323E+03	-3.969E+04	1.594E+00
256	1	4	-1.864E+00	1.041E-01	-2.252E-01	-3.967E+04	-1.345E+03	-9.001E+02	1.296E-01	-1.890E+00	1.683E+00	-1.324E+03	-3.970E+04	1.594E+00
256	1	5	-2.229E+00	1.074E-01	-7.181E-02	-3.974E+04	-1.334E+03	-1.189E+03	1.096E-01	-2.231E+00	1.601E+00	-1.297E+03	-3.978E+04	1.602E+00
256	1	6	-2.227E+00	1.075E-01	-7.136E-02	-3.974E+04	-1.334E+03	-1.190E+03	1.097E-01	-2.229E+00	1.601E+00	-1.297E+03	-3.978E+04	1.602E+00
256	1	7	-1.875E+00	1.054E-01	-2.284E-01	-3.966E+04	-1.343E+03	-9.039E+02	1.314E-01	-1.901E+00	1.684E+00	-1.322E+03	-3.969E+04	1.594E+00
256	1	8	-1.873E+00	1.055E-01	-2.279E-01	-3.966E+04	-1.343E+03	-9.049E+02	1.314E-01	-1.899E+00	1.684E+00	-1.322E+03	-3.969E+04	1.594E+00
256	1	9	-1.316E+00	-5.357E-02	2.277E-01	-4.054E+04	-1.463E+03	-7.881E+02	-1.377E-02	-1.356E+00	1.398E+00	-1.447E+03	-4.056E+04	1.591E+00
256	1	10	-1.314E+00	-5.346E-02	2.281E-01	-4.054E+04	-1.463E+03	-7.891E+02	-1.344E-02	-1.354E+00	1.397E+00	-1.447E+03	-4.056E+04	1.591E+00
256	1	11	-9.624E-01	-5.555E-02	7.114E-02	-4.047E+04	-1.472E+03	-5.033E+02	-5.001E-02	-9.679E-01	1.493E+00	-1.465E+03	-4.047E+04	1.584E+00
256	1	12	-9.601E-01	-5.544E-02	7.158E-02	-4.047E+04	-1.472E+03	-5.043E+02	-4.981E-02	-9.658E-01	1.492E+00	-1.465E+03	-4.048E+04	1.584E+00
256	1	13	-1.325E+00	-5.221E-02	2.250E-01	-4.053E+04	-1.461E+03	-7.930E+02	-1.360E-02	-1.364E+00	1.401E+00	-1.445E+03	-4.055E+04	1.591E+00
256	1	14	-1.323E+00	-5.210E-02	2.255E-01	-4.053E+04	-1.461E+03	-7.940E+02	-1.328E-02	-1.362E+00	1.400E+00	-1.445E+03	-4.055E+04	1.591E+00
256	1	15	-9.711E-01	-5.419E-02	6.846E-02	-4.046E+04	-1.470E+03	-5.081E+02	-4.911E-02	-9.762E-01	1.497E+00	-1.463E+03	-4.046E+04	1.584E+00
256	1	16	-9.689E-01	-5.408E-02	6.891E-02	-4.046E+04	-1.470E+03	-5.091E+02	-4.892E-02	-9.740E-01	1.496E+00	-1.463E+03	-4.047E+04	1.584E+00
256	2	1	-2.333E+00	4.449E-01	-3.483E-01	-2.542E+04	-3.895E+03	-5.654E+02	4.879E-01	-2.376E+00	1.694E+00	-3.880E+03	-2.543E+04	1.597E+00

256	2	2	-2.331E+00	4.449E-01	-3.479E-01	-2.542E+04	-3.895E+03	-5.666E+02	4.878E-01	-2.374E+00	1.694E+00	-3.880E+03	-2.543E+04	1.597E+00
256	2	3	-1.746E+00	1.906E-01	-3.637E-02	-2.538E+04	-3.841E+03	-2.230E+02	1.912E-01	-1.747E+00	1.590E+00	-3.838E+03	-2.539E+04	1.581E+00
256	2	4	-1.744E+00	1.905E-01	-3.602E-02	-2.539E+04	-3.841E+03	-2.242E+02	1.912E-01	-1.745E+00	1.589E+00	-3.838E+03	-2.539E+04	1.581E+00
256	2	5	-2.342E+00	4.494E-01	-3.518E-01	-2.541E+04	-3.895E+03	-5.713E+02	4.931E-01	-2.385E+00	1.694E+00	-3.880E+03	-2.542E+04	1.597E+00
256	2	6	-2.340E+00	4.494E-01	-3.515E-01	-2.541E+04	-3.895E+03	-5.725E+02	4.930E-01	-2.383E+00	1.694E+00	-3.880E+03	-2.542E+04	1.597E+00
256	2	7	-1.755E+00	1.951E-01	-3.990E-02	-2.537E+04	-3.841E+03	-2.289E+02	1.959E-01	-1.756E+00	1.591E+00	-3.839E+03	-2.537E+04	1.581E+00
256	2	8	-1.753E+00	1.950E-01	-3.955E-02	-2.537E+04	-3.841E+03	-2.301E+02	1.958E-01	-1.754E+00	1.591E+00	-3.839E+03	-2.538E+04	1.581E+00
256	2	9	-1.398E+00	-8.041E-02	9.758E-02	-2.644E+04	-3.784E+03	-4.210E+01	-7.323E-02	-1.406E+00	1.497E+00	-3.784E+03	-2.644E+04	1.573E+00
256	2	10	-1.396E+00	-8.046E-02	9.793E-02	-2.644E+04	-3.784E+03	-4.332E+01	-7.321E-02	-1.404E+00	1.497E+00	-3.784E+03	-2.644E+04	1.573E+00
256	2	11	-8.120E-01	-3.348E-01	4.095E-01	-2.641E+04	-3.730E+03	3.003E+02	-9.942E-02	-1.047E+00	1.049E+00	-3.726E+03	-2.641E+04	1.558E+00
256	2	12	-8.098E-01	-3.348E-01	4.098E-01	-2.641E+04	-3.730E+03	2.991E+02	-9.863E-02	-1.046E+00	1.048E+00	-3.726E+03	-2.642E+04	1.558E+00
256	2	13	-1.407E+00	-7.590E-02	9.405E-02	-2.643E+04	-3.785E+03	-4.801E+01	-6.929E-02	-1.414E+00	1.501E+00	-3.785E+03	-2.643E+04	1.573E+00
256	2	14	-1.405E+00	-7.595E-02	9.440E-02	-2.643E+04	-3.785E+03	-4.922E+01	-6.928E-02	-1.412E+00	1.500E+00	-3.785E+03	-2.643E+04	1.573E+00
256	2	15	-8.209E-01	-3.303E-01	4.060E-01	-2.640E+04	-3.731E+03	2.944E+02	-1.012E-01	-1.050E+00	1.057E+00	-3.727E+03	-2.640E+04	1.558E+00
256	2	16	-8.187E-01	-3.303E-01	4.063E-01	-2.640E+04	-3.731E+03	2.932E+02	-1.005E-01	-1.049E+00	1.056E+00	-3.727E+03	-2.640E+04	1.558E+00
256	3	1	-2.492E+00	2.381E-01	-8.000E-02	-3.989E+04	-6.066E+02	2.642E+03	2.405E-01	-2.494E+00	1.600E+00	-4.296E+02	-4.006E+04	1.504E+00
256	3	2	-2.490E+00	2.383E-01	-7.955E-02	-3.989E+04	-6.068E+02	2.641E+03	2.406E-01	-2.492E+00	1.600E+00	-4.300E+02	-4.006E+04	1.504E+00
256	3	3	-1.649E+00	1.624E-02	-2.309E-01	-3.969E+04	-4.027E+02	2.878E+03	4.767E-02	-1.680E+00	1.706E+00	-1.930E+02	-3.990E+04	1.498E+00
256	3	4	-1.647E+00	1.640E-02	-2.305E-01	-3.969E+04	-4.029E+02	2.877E+03	4.774E-02	-1.678E+00	1.706E+00	-1.934E+02	-3.990E+04	1.498E+00
256	3	5	-2.502E+00	2.399E-01	-8.280E-02	-3.988E+04	-6.062E+02	2.638E+03	2.424E-01	-2.504E+00	1.601E+00	-4.298E+02	-4.005E+04	1.504E+00
256	3	6	-2.499E+00	2.400E-01	-8.235E-02	-3.988E+04	-6.065E+02	2.637E+03	2.425E-01	-2.502E+00	1.601E+00	-4.302E+02	-4.005E+04	1.504E+00
256	3	7	-1.658E+00	1.798E-02	-2.337E-01	-3.968E+04	-4.023E+02	2.873E+03	4.995E-02	-1.690E+00	1.707E+00	-1.933E+02	-3.989E+04	1.498E+00
256	3	8	-1.656E+00	1.814E-02	-2.333E-01	-3.968E+04	-4.026E+02	2.872E+03	5.002E-02	-1.688E+00	1.707E+00	-1.937E+02	-3.989E+04	1.498E+00
256	3	9	-1.470E+00	5.550E-03	2.300E-01	-4.064E+04	-5.591E+02	3.027E+03	4.056E-02	-1.505E+00	1.420E+00	-3.318E+02	-4.086E+04	1.496E+00
256	3	10	-1.468E+00	5.712E-03	2.304E-01	-4.064E+04	-5.594E+02	3.026E+03	4.090E-02	-1.503E+00	1.419E+00	-3.322E+02	-4.087E+04	1.496E+00
256	3	11	-6.272E-01	-2.163E-01	7.907E-02	-4.044E+04	-3.552E+02	3.262E+03	-2.016E-01	-6.419E-01	1.387E+00	-9.142E+01	-4.070E+04	1.490E+00
256	3	12	-6.251E-01	-2.162E-01	7.953E-02	-4.044E+04	-3.554E+02	3.261E+03	-2.012E-01	-6.400E-01	1.385E+00	-9.184E+01	-4.070E+04	1.490E+00
256	3	13	-1.480E+00	7.288E-03	2.272E-01	-4.063E+04	-5.588E+02	3.022E+03	4.122E-02	-1.514E+00	1.423E+00	-3.321E+02	-4.085E+04	1.496E+00
256	3	14	-1.478E+00	7.449E-03	2.276E-01	-4.063E+04	-5.590E+02	3.021E+03	4.156E-02	-1.512E+00	1.422E+00	-3.325E+02	-4.086E+04	1.496E+00
256	3	15	-6.368E-01	-2.146E-01	7.628E-02	-4.043E+04	-3.549E+02	3.258E+03	-2.012E-01	-6.501E-01	1.397E+00	-9.176E+01	-4.069E+04	1.490E+00
256	3	16	-6.347E-01	-2.144E-01	7.673E-02	-4.043E+04	-3.551E+02	3.257E+03	-2.009E-01	-6.483E-01	1.396E+00	-9.218E+01	-4.069E+04	1.490E+00
256	4	1	-2.378E+00	-1.083E-01	1.833E-01	-5.432E+04	8.814E+02	-7.014E+02	-9.358E-02	-2.392E+00	1.491E+00	8.903E+02	-5.433E+04	1.583E+00
256	4	2	-2.376E+00	-1.080E-01	1.838E-01	-5.432E+04	8.809E+02	-7.024E+02	-9.315E-02	-2.390E+00	1.490E+00	8.899E+02	-5.433E+04	1.584E+00
256	4	3	-1.767E+00	-7.779E-02	-4.361E-01	-5.408E+04	1.059E+03	-7.762E+02	2.813E-02	-1.873E+00	1.809E+00	1.070E+03	-5.409E+04	1.585E+00
256	4	4	-1.765E+00	-7.747E-02	-4.355E-01	-5.408E+04	1.059E+03	-7.773E+02	2.830E-02	-1.871E+00	1.809E+00	1.070E+03	-5.409E+04	1.585E+00
256	4	5	-2.387E+00	-1.097E-01	1.813E-01	-5.432E+04	8.848E+02	-7.063E+02	-9.534E-02	-2.402E+00	1.492E+00	8.938E+02	-5.432E+04	1.584E+00
256	4	6	-2.385E+00	-1.094E-01	1.819E-01	-5.432E+04	8.843E+02	-7.074E+02	-9.492E-02	-2.399E+00	1.492E+00	8.933E+02	-5.432E+04	1.584E+00
256	4	7	-1.777E+00	-7.920E-02	-4.380E-01	-5.407E+04	1.063E+03	-7.812E+02	2.717E-02	-1.883E+00	1.809E+00	1.074E+03	-5.408E+04	1.585E+00
256	4	8	-1.775E+00	-7.888E-02	-4.375E-01	-5.407E+04	1.062E+03	-7.822E+02	2.734E-02	-1.881E+00	1.809E+00	1.073E+03	-5.408E+04	1.585E+00
256	4	9	-1.390E+00	3.988E-02	3.759E-01	-5.485E+04	5.772E+02	-2.819E+02	1.327E-01	-1.483E+00	1.329E+00	5.787E+02	-5.485E+04	1.576E+00
256	4	10	-1.388E+00	4.021E-02	3.765E-01	-5.485E+04	5.767E+02	-2.830E+02	1.334E-01	-1.481E+00	1.328E+00	5.782E+02	-5.485E+04	1.576E+00
256	4	11	-7.795E-01	7.037E-02	-2.434E-01	-5.460E+04	7.551E+02	-3.568E+02	1.352E-01	-8.443E-01	1.831E+00	7.574E+02	-5.461E+04	1.577E+00
256	4	12	-7.773E-01	7.070E-02	-2.429E-01	-5.460E+04	7.546E+02	-3.578E+02	1.353E-01	-8.420E-01	1.831E+00	7.569E+02	-5.461E+04	1.577E+00

256	4	13	-1.399E+00	3.848E-02	3.740E-01	-5.484E+04	5.806E+02	-2.868E+02	1.299E-01	-1.491E+00	1.331E+00	5.821E+02	-5.484E+04	1.576E+00
256	4	14	-1.397E+00	3.880E-02	3.746E-01	-5.484E+04	5.801E+02	-2.879E+02	1.306E-01	-1.489E+00	1.330E+00	5.816E+02	-5.484E+04	1.576E+00
256	4	15	-7.889E-01	6.897E-02	-2.454E-01	-5.460E+04	7.584E+02	-3.617E+02	1.342E-01	-8.541E-01	1.831E+00	7.608E+02	-5.460E+04	1.577E+00
256	4	16	-7.867E-01	6.929E-02	-2.448E-01	-5.460E+04	7.579E+02	-3.628E+02	1.344E-01	-8.518E-01	1.831E+00	7.603E+02	-5.460E+04	1.577E+00
257	1	1	-1.084E+00	-6.187E-02	8.907E-02	-4.034E+04	-5.413E+02	3.173E+03	-5.417E-02	-1.092E+00	1.485E+00	-2.899E+02	-4.060E+04	1.492E+00
257	1	2	-1.082E+00	-6.199E-02	8.972E-02	-4.034E+04	-5.415E+02	3.172E+03	-5.416E-02	-1.089E+00	1.484E+00	-2.902E+02	-4.060E+04	1.492E+00
257	1	3	-1.108E+00	-1.537E-01	1.888E-01	-4.031E+04	-4.111E+02	3.326E+03	-1.177E-01	-1.144E+00	1.382E+00	-1.359E+02	-4.059E+04	1.488E+00
257	1	4	-1.106E+00	-1.538E-01	1.895E-01	-4.031E+04	-4.113E+02	3.325E+03	-1.175E-01	-1.142E+00	1.381E+00	-1.361E+02	-4.059E+04	1.488E+00
257	1	5	-1.069E+00	-6.336E-02	9.291E-02	-4.036E+04	-5.420E+02	3.173E+03	-5.485E-02	-1.078E+00	1.479E+00	-2.907E+02	-4.061E+04	1.492E+00
257	1	6	-1.067E+00	-6.348E-02	9.356E-02	-4.036E+04	-5.422E+02	3.173E+03	-5.483E-02	-1.076E+00	1.479E+00	-2.910E+02	-4.061E+04	1.492E+00
257	1	7	-1.093E+00	-1.552E-01	1.927E-01	-4.032E+04	-4.119E+02	3.326E+03	-1.172E-01	-1.131E+00	1.376E+00	-1.367E+02	-4.060E+04	1.488E+00
257	1	8	-1.091E+00	-1.553E-01	1.933E-01	-4.032E+04	-4.121E+02	3.326E+03	-1.170E-01	-1.129E+00	1.375E+00	-1.369E+02	-4.060E+04	1.488E+00
257	1	9	-1.997E+00	1.786E-01	-1.939E-01	-3.963E+04	-4.883E+02	2.656E+03	1.957E-01	-2.014E+00	1.659E+00	-3.088E+02	-3.981E+04	1.503E+00
257	1	10	-1.994E+00	1.785E-01	-1.933E-01	-3.963E+04	-4.885E+02	2.656E+03	1.955E-01	-2.011E+00	1.659E+00	-3.091E+02	-3.981E+04	1.503E+00
257	1	11	-2.021E+00	8.675E-02	-9.418E-02	-3.959E+04	-3.582E+02	2.809E+03	9.095E-02	-2.025E+00	1.615E+00	-1.581E+02	-3.980E+04	1.500E+00
257	1	12	-2.018E+00	8.663E-02	-9.353E-02	-3.960E+04	-3.584E+02	2.809E+03	9.077E-02	-2.023E+00	1.615E+00	-1.583E+02	-3.980E+04	1.500E+00
257	1	13	-1.982E+00	1.771E-01	-1.901E-01	-3.964E+04	-4.891E+02	2.657E+03	1.937E-01	-1.999E+00	1.658E+00	-3.096E+02	-3.982E+04	1.503E+00
257	1	14	-1.980E+00	1.770E-01	-1.894E-01	-3.964E+04	-4.893E+02	2.656E+03	1.935E-01	-1.996E+00	1.658E+00	-3.099E+02	-3.982E+04	1.503E+00
257	1	15	-2.006E+00	8.526E-02	-9.033E-02	-3.961E+04	-3.590E+02	2.809E+03	8.915E-02	-2.010E+00	1.614E+00	-1.589E+02	-3.981E+04	1.500E+00
257	1	16	-2.004E+00	8.514E-02	-8.969E-02	-3.961E+04	-3.592E+02	2.809E+03	8.898E-02	-2.008E+00	1.614E+00	-1.591E+02	-3.981E+04	1.500E+00
257	2	1	-1.091E+00	-1.202E-02	7.563E-02	-5.447E+04	6.744E+02	-2.484E+02	-6.747E-03	-1.096E+00	1.501E+00	6.755E+02	-5.447E+04	1.575E+00
257	2	2	-1.089E+00	-1.166E-02	7.613E-02	-5.447E+04	6.739E+02	-2.487E+02	-6.305E-03	-1.094E+00	1.501E+00	6.751E+02	-5.447E+04	1.575E+00
257	2	3	-1.170E+00	1.044E-01	3.978E-02	-5.444E+04	7.856E+02	-2.954E+02	1.057E-01	-1.171E+00	1.540E+00	7.872E+02	-5.444E+04	1.576E+00
257	2	4	-1.167E+00	1.048E-01	4.028E-02	-5.444E+04	7.852E+02	-2.957E+02	1.061E-01	-1.168E+00	1.539E+00	7.868E+02	-5.444E+04	1.576E+00
257	2	5	-1.076E+00	-9.822E-03	7.898E-02	-5.447E+04	6.697E+02	-2.482E+02	-4.006E-03	-1.082E+00	1.497E+00	6.708E+02	-5.448E+04	1.575E+00
257	2	6	-1.074E+00	-9.460E-03	7.948E-02	-5.447E+04	6.693E+02	-2.485E+02	-3.559E-03	-1.080E+00	1.497E+00	6.704E+02	-5.448E+04	1.575E+00
257	2	7	-1.155E+00	1.066E-01	4.313E-02	-5.444E+04	7.809E+02	-2.953E+02	1.081E-01	-1.156E+00	1.537E+00	7.825E+02	-5.445E+04	1.576E+00
257	2	8	-1.153E+00	1.070E-01	4.363E-02	-5.444E+04	7.805E+02	-2.956E+02	1.085E-01	-1.154E+00	1.536E+00	7.821E+02	-5.444E+04	1.576E+00
257	2	9	-1.973E+00	-1.443E-01	-1.025E-01	-5.395E+04	9.534E+02	-7.980E+02	-1.386E-01	-1.979E+00	1.627E+00	9.650E+02	-5.396E+04	1.585E+00
257	2	10	-1.971E+00	-1.439E-01	-1.020E-01	-5.395E+04	9.530E+02	-7.983E+02	-1.383E-01	-1.976E+00	1.626E+00	9.646E+02	-5.396E+04	1.585E+00
257	2	11	-2.051E+00	-2.785E-02	-1.383E-01	-5.392E+04	1.065E+03	-8.450E+02	-1.844E-02	-2.061E+00	1.639E+00	1.078E+03	-5.393E+04	1.586E+00
257	2	12	-2.049E+00	-2.749E-02	-1.378E-01	-5.392E+04	1.064E+03	-8.453E+02	-1.813E-02	-2.058E+00	1.639E+00	1.077E+03	-5.393E+04	1.586E+00
257	2	13	-1.958E+00	-1.421E-01	-9.915E-02	-5.395E+04	9.488E+02	-7.978E+02	-1.367E-01	-1.964E+00	1.625E+00	9.603E+02	-5.397E+04	1.585E+00
257	2	14	-1.956E+00	-1.417E-01	-9.865E-02	-5.395E+04	9.483E+02	-7.981E+02	-1.364E-01	-1.961E+00	1.625E+00	9.599E+02	-5.397E+04	1.585E+00
257	2	15	-2.037E+00	-2.565E-02	-1.350E-01	-5.392E+04	1.060E+03	-8.449E+02	-1.663E-02	-2.046E+00	1.638E+00	1.073E+03	-5.394E+04	1.586E+00
257	2	16	-2.034E+00	-2.529E-02	-1.345E-01	-5.392E+04	1.060E+03	-8.452E+02	-1.633E-02	-2.043E+00	1.637E+00	1.073E+03	-5.394E+04	1.586E+00
257	3	1	-1.098E+00	-3.973E-02	8.796E-02	-4.029E+04	-1.460E+03	-5.970E+02	-3.247E-02	-1.105E+00	1.488E+00	-1.451E+03	-4.030E+04	1.586E+00
257	3	2	-1.095E+00	-3.979E-02	8.859E-02	-4.029E+04	-1.460E+03	-5.973E+02	-3.240E-02	-1.103E+00	1.488E+00	-1.451E+03	-4.030E+04	1.586E+00
257	3	3	-1.260E+00	-6.920E-02	1.807E-01	-4.034E+04	-1.468E+03	-4.216E+02	-4.240E-02	-1.287E+00	1.424E+00	-1.463E+03	-4.034E+04	1.582E+00
257	3	4	-1.258E+00	-6.926E-02	1.813E-01	-4.034E+04	-1.468E+03	-4.219E+02	-4.222E-02	-1.285E+00	1.423E+00	-1.463E+03	-4.034E+04	1.582E+00
257	3	5	-1.084E+00	-4.102E-02	9.166E-02	-4.030E+04	-1.462E+03	-5.968E+02	-3.302E-02	-1.091E+00	1.484E+00	-1.453E+03	-4.031E+04	1.586E+00
257	3	6	-1.081E+00	-4.108E-02	9.228E-02	-4.030E+04	-1.462E+03	-5.971E+02	-3.295E-02	-1.089E+00	1.483E+00	-1.453E+03	-4.031E+04	1.586E+00
257	3	7	-1.246E+00	-7.049E-02	1.844E-01	-4.035E+04	-1.469E+03	-4.215E+02	-4.225E-02	-1.274E+00	1.419E+00	-1.465E+03	-4.035E+04	1.582E+00

257	3	8	-1.244E+00	-7.054E-02	1.850E-01	-4.035E+04	-1.469E+03	-4.218E+02	-4.207E-02	-1.272E+00	1.418E+00	-1.465E+03	-4.035E+04	1.582E+00
257	3	9	-1.907E+00	1.220E-01	-1.827E-01	-3.953E+04	-1.333E+03	-1.119E+03	1.383E-01	-1.923E+00	1.660E+00	-1.300E+03	-3.956E+04	1.600E+00
257	3	10	-1.904E+00	1.220E-01	-1.820E-01	-3.953E+04	-1.333E+03	-1.119E+03	1.382E-01	-1.921E+00	1.660E+00	-1.300E+03	-3.956E+04	1.600E+00
257	3	11	-2.069E+00	9.255E-02	-8.993E-02	-3.957E+04	-1.340E+03	-9.433E+02	9.629E-02	-2.073E+00	1.612E+00	-1.317E+03	-3.960E+04	1.595E+00
257	3	12	-2.067E+00	9.250E-02	-8.931E-02	-3.957E+04	-1.340E+03	-9.436E+02	9.618E-02	-2.071E+00	1.612E+00	-1.317E+03	-3.960E+04	1.595E+00
257	3	13	-1.892E+00	1.207E-01	-1.790E-01	-3.954E+04	-1.334E+03	-1.118E+03	1.365E-01	-1.908E+00	1.659E+00	-1.302E+03	-3.957E+04	1.600E+00
257	3	14	-1.890E+00	1.207E-01	-1.783E-01	-3.954E+04	-1.334E+03	-1.119E+03	1.364E-01	-1.906E+00	1.659E+00	-1.302E+03	-3.957E+04	1.600E+00
257	3	15	-2.055E+00	9.126E-02	-8.623E-02	-3.959E+04	-1.342E+03	-9.431E+02	9.472E-02	-2.059E+00	1.611E+00	-1.319E+03	-3.961E+04	1.595E+00
257	3	16	-2.053E+00	9.121E-02	-8.561E-02	-3.959E+04	-1.342E+03	-9.434E+02	9.462E-02	-2.056E+00	1.611E+00	-1.319E+03	-3.961E+04	1.595E+00
257	4	1	-1.094E+00	-7.798E-02	1.267E-01	-2.627E+04	-3.790E+03	1.445E+02	-6.240E-02	-1.109E+00	1.449E+00	-3.789E+03	-2.627E+04	1.564E+00
257	4	2	-1.091E+00	-7.851E-02	1.275E-01	-2.627E+04	-3.790E+03	1.441E+02	-6.271E-02	-1.107E+00	1.447E+00	-3.789E+03	-2.628E+04	1.564E+00
257	4	3	-1.202E+00	-3.157E-01	3.551E-01	-2.632E+04	-3.758E+03	3.643E+02	-1.910E-01	-1.327E+00	1.233E+00	-3.752E+03	-2.632E+04	1.555E+00
257	4	4	-1.200E+00	-3.163E-01	3.558E-01	-2.632E+04	-3.757E+03	3.639E+02	-1.908E-01	-1.325E+00	1.232E+00	-3.752E+03	-2.633E+04	1.555E+00
257	4	5	-1.080E+00	-8.295E-02	1.309E-01	-2.629E+04	-3.789E+03	1.453E+02	-6.604E-02	-1.097E+00	1.442E+00	-3.788E+03	-2.629E+04	1.564E+00
257	4	6	-1.077E+00	-8.349E-02	1.317E-01	-2.629E+04	-3.789E+03	1.449E+02	-6.633E-02	-1.094E+00	1.441E+00	-3.788E+03	-2.629E+04	1.564E+00
257	4	7	-1.188E+00	-3.207E-01	3.593E-01	-2.633E+04	-3.756E+03	3.651E+02	-1.912E-01	-1.317E+00	1.225E+00	-3.750E+03	-2.634E+04	1.555E+00
257	4	8	-1.186E+00	-3.213E-01	3.600E-01	-2.633E+04	-3.756E+03	3.647E+02	-1.909E-01	-1.316E+00	1.224E+00	-3.750E+03	-2.634E+04	1.555E+00
257	4	9	-1.927E+00	4.333E-01	-2.994E-01	-2.531E+04	-3.881E+03	-5.186E+02	4.707E-01	-1.965E+00	1.695E+00	-3.869E+03	-2.532E+04	1.595E+00
257	4	10	-1.925E+00	4.328E-01	-2.987E-01	-2.531E+04	-3.881E+03	-5.190E+02	4.700E-01	-1.962E+00	1.695E+00	-3.869E+03	-2.532E+04	1.595E+00
257	4	11	-2.036E+00	1.955E-01	-7.110E-02	-2.535E+04	-3.849E+03	-2.988E+02	1.978E-01	-2.038E+00	1.603E+00	-3.844E+03	-2.536E+04	1.585E+00
257	4	12	-2.033E+00	1.950E-01	-7.033E-02	-2.535E+04	-3.849E+03	-2.991E+02	1.972E-01	-2.035E+00	1.602E+00	-3.844E+03	-2.536E+04	1.585E+00
257	4	13	-1.913E+00	4.283E-01	-2.952E-01	-2.532E+04	-3.880E+03	-5.178E+02	4.650E-01	-1.950E+00	1.694E+00	-3.867E+03	-2.534E+04	1.595E+00
257	4	14	-1.911E+00	4.278E-01	-2.945E-01	-2.533E+04	-3.880E+03	-5.182E+02	4.643E-01	-1.947E+00	1.694E+00	-3.867E+03	-2.534E+04	1.595E+00
257	4	15	-2.022E+00	1.906E-01	-6.691E-02	-2.537E+04	-3.847E+03	-2.980E+02	1.926E-01	-2.024E+00	1.601E+00	-3.843E+03	-2.537E+04	1.585E+00
257	4	16	-2.019E+00	1.900E-01	-6.614E-02	-2.537E+04	-3.847E+03	-2.984E+02	1.920E-01	-2.021E+00	1.601E+00	-3.843E+03	-2.537E+04	1.585E+00
258	1	1	-1.113E+00	-2.753E-01	1.875E-01	-4.125E+04	-3.648E+03	-1.152E+03	-2.353E-01	-1.153E+00	1.360E+00	-3.612E+03	-4.129E+04	1.601E+00
258	1	2	-1.111E+00	-2.761E-01	1.899E-01	-4.125E+04	-3.648E+03	-1.153E+03	-2.350E-01	-1.152E+00	1.357E+00	-3.613E+03	-4.129E+04	1.601E+00
258	1	3	-1.300E+00	-4.652E-01	3.406E-01	-4.124E+04	-3.287E+03	-1.030E+03	-3.439E-01	-1.421E+00	1.229E+00	-3.259E+03	-4.127E+04	1.598E+00
258	1	4	-1.298E+00	-4.660E-01	3.431E-01	-4.124E+04	-3.287E+03	-1.030E+03	-3.428E-01	-1.421E+00	1.226E+00	-3.259E+03	-4.127E+04	1.598E+00
258	1	5	-1.099E+00	-2.780E-01	2.041E-01	-4.126E+04	-3.644E+03	-1.151E+03	-2.300E-01	-1.147E+00	1.340E+00	-3.608E+03	-4.130E+04	1.601E+00
258	1	6	-1.097E+00	-2.788E-01	2.066E-01	-4.126E+04	-3.644E+03	-1.151E+03	-2.296E-01	-1.146E+00	1.337E+00	-3.609E+03	-4.130E+04	1.601E+00
258	1	7	-1.286E+00	-4.678E-01	3.572E-01	-4.125E+04	-3.283E+03	-1.029E+03	-3.338E-01	-1.420E+00	1.212E+00	-3.255E+03	-4.128E+04	1.598E+00
258	1	8	-1.284E+00	-4.686E-01	3.597E-01	-4.125E+04	-3.283E+03	-1.029E+03	-3.326E-01	-1.420E+00	1.209E+00	-3.255E+03	-4.128E+04	1.598E+00
258	1	9	-1.895E+00	3.304E-01	-7.525E-01	-4.056E+04	-4.218E+03	-1.667E+03	5.610E-01	-2.126E+00	1.868E+00	-4.141E+03	-4.063E+04	1.617E+00
258	1	10	-1.893E+00	3.296E-01	-7.500E-01	-4.056E+04	-4.218E+03	-1.668E+03	5.591E-01	-2.122E+00	1.868E+00	-4.142E+03	-4.063E+04	1.617E+00
258	1	11	-2.082E+00	1.406E-01	-5.994E-01	-4.055E+04	-3.857E+03	-1.545E+03	2.919E-01	-2.233E+00	1.818E+00	-3.792E+03	-4.061E+04	1.613E+00
258	1	12	-2.080E+00	1.398E-01	-5.969E-01	-4.055E+04	-3.857E+03	-1.546E+03	2.901E-01	-2.230E+00	1.818E+00	-3.792E+03	-4.061E+04	1.613E+00
258	1	13	-1.881E+00	3.278E-01	-7.359E-01	-4.057E+04	-4.214E+03	-1.666E+03	5.505E-01	-2.104E+00	1.865E+00	-4.137E+03	-4.064E+04	1.617E+00
258	1	14	-1.879E+00	3.270E-01	-7.334E-01	-4.057E+04	-4.214E+03	-1.667E+03	5.486E-01	-2.101E+00	1.864E+00	-4.138E+03	-4.065E+04	1.617E+00
258	1	15	-2.068E+00	1.380E-01	-5.828E-01	-4.056E+04	-3.853E+03	-1.544E+03	2.825E-01	-2.213E+00	1.814E+00	-3.788E+03	-4.062E+04	1.613E+00
258	1	16	-2.066E+00	1.372E-01	-5.803E-01	-4.056E+04	-3.853E+03	-1.545E+03	2.807E-01	-2.209E+00	1.813E+00	-3.788E+03	-4.062E+04	1.613E+00
258	2	1	-4.474E-01	-2.767E-01	5.552E-01	-5.821E+04	-1.684E+04	-1.995E+03	1.996E-01	-9.237E-01	8.617E-01	-1.674E+04	-5.830E+04	1.619E+00
258	2	2	-4.464E-01	-2.766E-01	5.571E-01	-5.821E+04	-1.684E+04	-1.995E+03	2.020E-01	-9.250E-01	8.610E-01	-1.674E+04	-5.830E+04	1.619E+00

258	2	3	-7.923E-01	2.942E-01	7.633E-01	-5.833E+04	-1.664E+04	-2.008E+03	6.878E-01	-1.186E+00	1.095E+00	-1.654E+04	-5.843E+04	1.619E+00
258	2	4	-7.913E-01	2.943E-01	7.652E-01	-5.833E+04	-1.664E+04	-2.008E+03	6.897E-01	-1.187E+00	1.094E+00	-1.654E+04	-5.843E+04	1.619E+00
258	2	5	-4.244E-01	-2.733E-01	5.784E-01	-5.822E+04	-1.684E+04	-1.999E+03	2.344E-01	-9.321E-01	8.504E-01	-1.674E+04	-5.832E+04	1.619E+00
258	2	6	-4.234E-01	-2.731E-01	5.803E-01	-5.822E+04	-1.684E+04	-2.000E+03	2.369E-01	-9.334E-01	8.498E-01	-1.674E+04	-5.832E+04	1.619E+00
258	2	7	-7.693E-01	2.976E-01	7.865E-01	-5.835E+04	-1.664E+04	-2.012E+03	7.145E-01	-1.186E+00	1.083E+00	-1.654E+04	-5.845E+04	1.619E+00
258	2	8	-7.684E-01	2.978E-01	7.884E-01	-5.835E+04	-1.664E+04	-2.012E+03	7.164E-01	-1.187E+00	1.083E+00	-1.654E+04	-5.845E+04	1.619E+00
258	2	9	-1.916E+00	-4.970E-01	-8.965E-01	-5.710E+04	-1.669E+04	-1.748E+03	-6.319E-02	-2.350E+00	2.021E+00	-1.662E+04	-5.717E+04	1.614E+00
258	2	10	-1.915E+00	-4.969E-01	-8.946E-01	-5.710E+04	-1.669E+04	-1.748E+03	-6.440E-02	-2.347E+00	2.021E+00	-1.662E+04	-5.717E+04	1.614E+00
258	2	11	-2.261E+00	7.390E-02	-6.884E-01	-5.722E+04	-1.649E+04	-1.761E+03	2.617E-01	-2.449E+00	1.837E+00	-1.642E+04	-5.730E+04	1.614E+00
258	2	12	-2.260E+00	7.405E-02	-6.865E-01	-5.722E+04	-1.649E+04	-1.761E+03	2.610E-01	-2.447E+00	1.837E+00	-1.642E+04	-5.730E+04	1.614E+00
258	2	13	-1.893E+00	-4.936E-01	-8.733E-01	-5.711E+04	-1.669E+04	-1.752E+03	-7.423E-02	-2.312E+00	2.018E+00	-1.662E+04	-5.719E+04	1.614E+00
258	2	14	-1.892E+00	-4.934E-01	-8.714E-01	-5.711E+04	-1.669E+04	-1.753E+03	-7.543E-02	-2.310E+00	2.018E+00	-1.662E+04	-5.719E+04	1.614E+00
258	2	15	-2.238E+00	7.734E-02	-6.652E-01	-5.724E+04	-1.649E+04	-1.765E+03	2.548E-01	-2.415E+00	1.832E+00	-1.642E+04	-5.731E+04	1.614E+00
258	2	16	-2.237E+00	7.749E-02	-6.632E-01	-5.724E+04	-1.649E+04	-1.765E+03	2.541E-01	-2.413E+00	1.831E+00	-1.642E+04	-5.731E+04	1.614E+00
258	3	1	2.518E-01	-6.914E-01	2.065E-01	-3.979E+04	-2.126E+04	1.657E+03	2.950E-01	-7.347E-01	2.063E-01	-2.111E+04	-3.994E+04	1.482E+00
258	3	2	2.517E-01	-6.914E-01	2.090E-01	-3.979E+04	-2.126E+04	1.656E+03	2.960E-01	-7.357E-01	2.086E-01	-2.111E+04	-3.994E+04	1.482E+00
258	3	3	-2.092E-02	-8.506E-01	5.151E-01	-3.987E+04	-2.086E+04	1.604E+03	2.256E-01	-1.097E+00	4.464E-01	-2.073E+04	-4.000E+04	1.487E+00
258	3	4	-2.096E-02	-8.506E-01	5.177E-01	-3.986E+04	-2.086E+04	1.603E+03	2.276E-01	-1.099E+00	4.476E-01	-2.073E+04	-4.000E+04	1.487E+00
258	3	5	2.868E-01	-7.016E-01	2.251E-01	-3.981E+04	-2.126E+04	1.656E+03	3.357E-01	-7.505E-01	2.137E-01	-2.112E+04	-3.996E+04	1.482E+00
258	3	6	2.868E-01	-7.016E-01	2.277E-01	-3.981E+04	-2.126E+04	1.656E+03	3.367E-01	-7.515E-01	2.159E-01	-2.112E+04	-3.996E+04	1.482E+00
258	3	7	1.409E-02	-8.607E-01	5.338E-01	-3.988E+04	-2.086E+04	1.604E+03	2.668E-01	-1.113E+00	4.421E-01	-2.073E+04	-4.002E+04	1.487E+00
258	3	8	1.405E-02	-8.608E-01	5.364E-01	-3.988E+04	-2.086E+04	1.603E+03	2.687E-01	-1.115E+00	4.433E-01	-2.073E+04	-4.002E+04	1.487E+00
258	3	9	-2.166E+00	3.553E-01	-9.036E-01	-3.862E+04	-2.101E+04	1.449E+03	6.457E-01	-2.456E+00	1.882E+00	-2.089E+04	-3.874E+04	1.489E+00
258	3	10	-2.166E+00	3.553E-01	-9.010E-01	-3.862E+04	-2.101E+04	1.449E+03	6.442E-01	-2.455E+00	1.881E+00	-2.089E+04	-3.874E+04	1.489E+00
258	3	11	-2.438E+00	1.961E-01	-5.950E-01	-3.870E+04	-2.061E+04	1.396E+03	3.243E-01	-2.567E+00	1.783E+00	-2.051E+04	-3.880E+04	1.494E+00
258	3	12	-2.438E+00	1.961E-01	-5.924E-01	-3.870E+04	-2.061E+04	1.396E+03	3.232E-01	-2.566E+00	1.782E+00	-2.050E+04	-3.880E+04	1.494E+00
258	3	13	-2.131E+00	3.451E-01	-8.849E-01	-3.864E+04	-2.102E+04	1.449E+03	6.289E-01	-2.414E+00	1.881E+00	-2.090E+04	-3.876E+04	1.489E+00
258	3	14	-2.131E+00	3.451E-01	-8.824E-01	-3.864E+04	-2.101E+04	1.448E+03	6.274E-01	-2.413E+00	1.880E+00	-2.090E+04	-3.876E+04	1.489E+00
258	3	15	-2.403E+00	1.860E-01	-5.763E-01	-3.871E+04	-2.062E+04	1.396E+03	3.085E-01	-2.526E+00	1.780E+00	-2.051E+04	-3.882E+04	1.494E+00
258	3	16	-2.403E+00	1.860E-01	-5.737E-01	-3.871E+04	-2.061E+04	1.395E+03	3.074E-01	-2.525E+00	1.779E+00	-2.051E+04	-3.882E+04	1.494E+00
258	4	1	-4.197E-01	-6.362E-01	-1.535E-01	-2.025E+04	-1.649E+04	-1.842E+03	-3.401E-01	-7.157E-01	-4.782E-01	-1.574E+04	-2.101E+04	1.958E+00
258	4	2	-4.185E-01	-6.371E-01	-1.504E-01	-2.025E+04	-1.649E+04	-1.842E+03	-3.419E-01	-7.137E-01	-4.711E-01	-1.574E+04	-2.101E+04	1.958E+00
258	4	3	-5.343E-01	-1.556E+00	1.001E-01	-2.022E+04	-1.584E+04	-1.747E+03	-5.245E-01	-1.566E+00	9.677E-02	-1.523E+04	-2.083E+04	1.908E+00
258	4	4	-5.331E-01	-1.557E+00	1.032E-01	-2.022E+04	-1.584E+04	-1.748E+03	-5.228E-01	-1.567E+00	9.949E-02	-1.523E+04	-2.083E+04	1.908E+00
258	4	5	-3.937E-01	-6.524E-01	-1.414E-01	-2.027E+04	-1.649E+04	-1.842E+03	-3.314E-01	-7.147E-01	-4.149E-01	-1.574E+04	-2.102E+04	1.958E+00
258	4	6	-3.925E-01	-6.534E-01	-1.383E-01	-2.027E+04	-1.649E+04	-1.843E+03	-3.328E-01	-7.130E-01	-4.073E-01	-1.574E+04	-2.102E+04	1.958E+00
258	4	7	-5.083E-01	-1.572E+00	1.122E-01	-2.023E+04	-1.584E+04	-1.747E+03	-4.966E-01	-1.584E+00	1.039E-01	-1.523E+04	-2.084E+04	1.907E+00
258	4	8	-5.071E-01	-1.573E+00	1.153E-01	-2.023E+04	-1.584E+04	-1.748E+03	-4.948E-01	-1.586E+00	1.065E-01	-1.523E+04	-2.084E+04	1.907E+00
258	4	9	-2.139E+00	1.129E+00	-7.673E-01	-1.951E+04	-1.581E+04	-2.287E+03	1.300E+00	-2.311E+00	1.790E+00	-1.472E+04	-2.061E+04	2.016E+00
258	4	10	-2.138E+00	1.128E+00	-7.642E-01	-1.952E+04	-1.581E+04	-2.288E+03	1.298E+00	-2.308E+00	1.790E+00	-1.472E+04	-2.061E+04	2.016E+00
258	4	11	-2.254E+00	2.090E-01	-5.137E-01	-1.948E+04	-1.516E+04	-2.193E+03	3.118E-01	-2.357E+00	1.768E+00	-1.424E+04	-2.040E+04	1.967E+00
258	4	12	-2.253E+00	2.080E-01	-5.106E-01	-1.948E+04	-1.516E+04	-2.194E+03	3.097E-01	-2.354E+00	1.767E+00	-1.424E+04	-2.040E+04	1.967E+00
258	4	13	-2.113E+00	1.113E+00	-7.553E-01	-1.953E+04	-1.581E+04	-2.288E+03	1.281E+00	-2.281E+00	1.790E+00	-1.472E+04	-2.062E+04	2.015E+00

258	4	14	-2.112E+00	1.112E+00	-7.522E-01	-1.953E+04	-1.581E+04	-2.289E+03	1.279E+00	-2.279E+00	1.789E+00	-1.472E+04	-2.062E+04	2.015E+00
258	4	15	-2.228E+00	1.928E-01	-5.016E-01	-1.949E+04	-1.516E+04	-2.193E+03	2.926E-01	-2.328E+00	1.767E+00	-1.424E+04	-2.041E+04	1.967E+00
258	4	16	-2.227E+00	1.918E-01	-4.985E-01	-1.949E+04	-1.516E+04	-2.194E+03	2.905E-01	-2.325E+00	1.766E+00	-1.424E+04	-2.041E+04	1.967E+00
259	1	1	2.693E-01	-5.670E-01	-5.576E-01	-3.985E+04	-2.159E+04	1.465E+03	5.481E-01	-8.458E-01	-4.637E-01	-2.147E+04	-3.997E+04	1.491E+00
259	1	2	2.692E-01	-5.678E-01	-5.552E-01	-3.985E+04	-2.159E+04	1.464E+03	5.459E-01	-8.446E-01	-4.624E-01	-2.147E+04	-3.997E+04	1.491E+00
259	1	3	-3.778E-02	-9.555E-01	-2.626E-01	-3.988E+04	-2.098E+04	1.361E+03	3.208E-02	-1.025E+00	-2.599E-01	-2.088E+04	-3.998E+04	1.499E+00
259	1	4	-3.794E-02	-9.563E-01	-2.602E-01	-3.988E+04	-2.098E+04	1.360E+03	3.068E-02	-1.025E+00	-2.578E-01	-2.088E+04	-3.998E+04	1.499E+00
259	1	5	3.042E-01	-5.783E-01	-5.703E-01	-3.987E+04	-2.159E+04	1.461E+03	5.840E-01	-8.582E-01	-4.562E-01	-2.148E+04	-3.998E+04	1.492E+00
259	1	6	3.040E-01	-5.791E-01	-5.679E-01	-3.987E+04	-2.159E+04	1.460E+03	5.818E-01	-8.569E-01	-4.550E-01	-2.148E+04	-3.998E+04	1.492E+00
259	1	7	-2.933E-03	-9.668E-01	-2.754E-01	-3.990E+04	-2.098E+04	1.357E+03	7.021E-02	-1.040E+00	-2.596E-01	-2.089E+04	-4.000E+04	1.500E+00
259	1	8	-3.094E-03	-9.676E-01	-2.730E-01	-3.990E+04	-2.098E+04	1.356E+03	6.881E-02	-1.040E+00	-2.576E-01	-2.089E+04	-4.000E+04	1.500E+00
259	1	9	-2.151E+00	4.481E-01	6.608E-01	-3.868E+04	-2.133E+04	1.615E+03	6.065E-01	-2.309E+00	1.336E+00	-2.119E+04	-3.883E+04	1.479E+00
259	1	10	-2.151E+00	4.473E-01	6.632E-01	-3.868E+04	-2.133E+04	1.614E+03	6.068E-01	-2.310E+00	1.335E+00	-2.119E+04	-3.883E+04	1.479E+00
259	1	11	-2.458E+00	5.967E-02	9.558E-01	-3.872E+04	-2.072E+04	1.511E+03	3.814E-01	-2.780E+00	1.246E+00	-2.060E+04	-3.884E+04	1.488E+00
259	1	12	-2.458E+00	5.886E-02	9.582E-01	-3.872E+04	-2.072E+04	1.510E+03	3.821E-01	-2.781E+00	1.245E+00	-2.060E+04	-3.884E+04	1.488E+00
259	1	13	-2.116E+00	4.369E-01	6.481E-01	-3.870E+04	-2.134E+04	1.611E+03	5.920E-01	-2.271E+00	1.336E+00	-2.119E+04	-3.885E+04	1.479E+00
259	1	14	-2.116E+00	4.360E-01	6.505E-01	-3.870E+04	-2.134E+04	1.610E+03	5.923E-01	-2.272E+00	1.335E+00	-2.119E+04	-3.885E+04	1.479E+00
259	1	15	-2.423E+00	4.838E-02	9.430E-01	-3.873E+04	-2.073E+04	1.507E+03	3.671E-01	-2.742E+00	1.245E+00	-2.060E+04	-3.886E+04	1.488E+00
259	1	16	-2.423E+00	4.758E-02	9.454E-01	-3.873E+04	-2.073E+04	1.506E+03	3.678E-01	-2.743E+00	1.244E+00	-2.060E+04	-3.886E+04	1.488E+00
259	2	1	-5.731E-01	8.537E-02	-9.360E-01	-5.852E+04	-1.739E+04	-1.950E+03	7.483E-01	-1.236E+00	2.187E+00	-1.730E+04	-5.861E+04	1.618E+00
259	2	2	-5.743E-01	8.519E-02	-9.341E-01	-5.852E+04	-1.739E+04	-1.950E+03	7.460E-01	-1.235E+00	2.187E+00	-1.730E+04	-5.861E+04	1.618E+00
259	2	3	-6.440E-01	-8.190E-02	-4.558E-01	-5.850E+04	-1.687E+04	-1.921E+03	1.725E-01	-8.985E-01	2.080E+00	-1.678E+04	-5.858E+04	1.617E+00
259	2	4	-6.453E-01	-8.209E-02	-4.539E-01	-5.850E+04	-1.687E+04	-1.922E+03	1.705E-01	-8.978E-01	2.079E+00	-1.678E+04	-5.858E+04	1.617E+00
259	2	5	-5.529E-01	8.841E-02	-9.547E-01	-5.854E+04	-1.739E+04	-1.949E+03	7.748E-01	-1.239E+00	2.194E+00	-1.730E+04	-5.863E+04	1.618E+00
259	2	6	-5.541E-01	8.823E-02	-9.528E-01	-5.854E+04	-1.739E+04	-1.950E+03	7.725E-01	-1.238E+00	2.194E+00	-1.730E+04	-5.863E+04	1.618E+00
259	2	7	-6.238E-01	-7.886E-02	-4.745E-01	-5.851E+04	-1.687E+04	-1.921E+03	1.958E-01	-8.985E-01	2.096E+00	-1.678E+04	-5.860E+04	1.617E+00
259	2	8	-6.250E-01	-7.905E-02	-4.726E-01	-5.851E+04	-1.687E+04	-1.922E+03	1.937E-01	-8.978E-01	2.094E+00	-1.678E+04	-5.860E+04	1.617E+00
259	2	9	-2.078E+00	-1.403E-01	5.901E-01	-5.741E+04	-1.724E+04	-1.784E+03	2.525E-02	-2.243E+00	1.297E+00	-1.716E+04	-5.749E+04	1.615E+00
259	2	10	-2.079E+00	-1.405E-01	5.920E-01	-5.741E+04	-1.724E+04	-1.785E+03	2.598E-02	-2.246E+00	1.297E+00	-1.716E+04	-5.749E+04	1.615E+00
259	2	11	-2.149E+00	-3.076E-01	1.070E+00	-5.738E+04	-1.672E+04	-1.755E+03	1.836E-01	-2.640E+00	1.141E+00	-1.665E+04	-5.746E+04	1.614E+00
259	2	12	-2.150E+00	-3.078E-01	1.072E+00	-5.738E+04	-1.672E+04	-1.756E+03	1.846E-01	-2.642E+00	1.140E+00	-1.665E+04	-5.746E+04	1.614E+00
259	2	13	-2.058E+00	-1.373E-01	5.715E-01	-5.743E+04	-1.725E+04	-1.784E+03	1.989E-02	-2.215E+00	1.302E+00	-1.717E+04	-5.750E+04	1.615E+00
259	2	14	-2.059E+00	-1.375E-01	5.733E-01	-5.743E+04	-1.725E+04	-1.784E+03	2.060E-02	-2.217E+00	1.302E+00	-1.717E+04	-5.750E+04	1.615E+00
259	2	15	-2.129E+00	-3.046E-01	1.052E+00	-5.740E+04	-1.673E+04	-1.755E+03	1.754E-01	-2.609E+00	1.143E+00	-1.665E+04	-5.748E+04	1.614E+00
259	2	16	-2.130E+00	-3.048E-01	1.054E+00	-5.740E+04	-1.673E+04	-1.756E+03	1.765E-01	-2.611E+00	1.142E+00	-1.665E+04	-5.748E+04	1.614E+00
259	3	1	-1.313E+00	-8.663E-02	-4.880E-01	-4.153E+04	-3.850E+03	1.342E+03	8.389E-02	-1.483E+00	1.907E+00	-3.802E+03	-4.158E+04	1.535E+00
259	3	2	-1.315E+00	-8.671E-02	-4.856E-01	-4.153E+04	-3.850E+03	1.341E+03	8.205E-02	-1.484E+00	1.905E+00	-3.802E+03	-4.157E+04	1.535E+00
259	3	3	-1.048E+00	-6.797E-01	-1.256E-01	-4.136E+04	-3.301E+03	1.132E+03	-6.409E-01	-1.086E+00	1.870E+00	-3.268E+03	-4.140E+04	1.541E+00
259	3	4	-1.050E+00	-6.798E-01	-1.232E-01	-4.136E+04	-3.301E+03	1.131E+03	-6.426E-01	-1.087E+00	1.864E+00	-3.267E+03	-4.140E+04	1.541E+00
259	3	5	-1.304E+00	-8.855E-02	-4.988E-01	-4.154E+04	-3.845E+03	1.337E+03	8.989E-02	-1.483E+00	1.914E+00	-3.798E+03	-4.158E+04	1.535E+00
259	3	6	-1.306E+00	-8.863E-02	-4.963E-01	-4.154E+04	-3.844E+03	1.336E+03	8.802E-02	-1.483E+00	1.913E+00	-3.797E+03	-4.158E+04	1.535E+00
259	3	7	-1.039E+00	-6.816E-01	-1.364E-01	-4.137E+04	-3.296E+03	1.126E+03	-6.356E-01	-1.085E+00	1.897E+00	-3.263E+03	-4.141E+04	1.541E+00
259	3	8	-1.041E+00	-6.817E-01	-1.339E-01	-4.137E+04	-3.295E+03	1.126E+03	-6.373E-01	-1.086E+00	1.891E+00	-3.262E+03	-4.140E+04	1.541E+00

259	3	9	-2.177E+00	5.427E-01	5.446E-01	-4.080E+04	-4.383E+03	1.737E+03	6.478E-01	-2.282E+00	1.380E+00	-4.301E+03	-4.088E+04	1.523E+00
259	3	10	-2.179E+00	5.427E-01	5.471E-01	-4.080E+04	-4.383E+03	1.737E+03	6.485E-01	-2.285E+00	1.380E+00	-4.300E+03	-4.088E+04	1.523E+00
259	3	11	-1.912E+00	-5.034E-02	9.071E-01	-4.064E+04	-3.835E+03	1.527E+03	3.186E-01	-2.281E+00	1.185E+00	-3.771E+03	-4.070E+04	1.529E+00
259	3	12	-1.914E+00	-5.042E-02	9.095E-01	-4.064E+04	-3.834E+03	1.526E+03	3.199E-01	-2.284E+00	1.184E+00	-3.771E+03	-4.070E+04	1.529E+00
259	3	13	-2.168E+00	5.408E-01	5.339E-01	-4.081E+04	-4.378E+03	1.732E+03	6.422E-01	-2.270E+00	1.383E+00	-4.296E+03	-4.089E+04	1.523E+00
259	3	14	-2.170E+00	5.407E-01	5.364E-01	-4.081E+04	-4.377E+03	1.731E+03	6.430E-01	-2.273E+00	1.382E+00	-4.295E+03	-4.089E+04	1.523E+00
259	3	15	-1.903E+00	-5.226E-02	8.963E-01	-4.065E+04	-3.829E+03	1.522E+03	3.107E-01	-2.266E+00	1.186E+00	-3.766E+03	-4.071E+04	1.530E+00
259	3	16	-1.905E+00	-5.234E-02	8.988E-01	-4.065E+04	-3.829E+03	1.521E+03	3.120E-01	-2.269E+00	1.186E+00	-3.766E+03	-4.071E+04	1.530E+00
259	4	1	-4.776E-01	-6.862E-01	-1.203E-01	-2.024E+04	-1.586E+04	2.193E+03	-4.227E-01	-7.411E-01	-4.283E-01	-1.495E+04	-2.115E+04	1.178E+00
259	4	2	-4.788E-01	-6.869E-01	-1.173E-01	-2.024E+04	-1.586E+04	2.192E+03	-4.260E-01	-7.397E-01	-4.226E-01	-1.495E+04	-2.115E+04	1.178E+00
259	4	3	-4.486E-01	-1.500E+00	5.687E-02	-2.019E+04	-1.507E+04	1.973E+03	-4.455E-01	-1.504E+00	5.386E-02	-1.440E+04	-2.086E+04	1.242E+00
259	4	4	-4.497E-01	-1.501E+00	5.984E-02	-2.019E+04	-1.507E+04	1.972E+03	-4.463E-01	-1.505E+00	5.667E-02	-1.440E+04	-2.086E+04	1.242E+00
259	4	5	-4.544E-01	-7.024E-01	-1.251E-01	-2.025E+04	-1.586E+04	2.187E+03	-4.023E-01	-7.546E-01	-3.949E-01	-1.496E+04	-2.115E+04	1.179E+00
259	4	6	-4.555E-01	-7.031E-01	-1.221E-01	-2.025E+04	-1.586E+04	2.186E+03	-4.054E-01	-7.532E-01	-3.893E-01	-1.496E+04	-2.115E+04	1.179E+00
259	4	7	-4.253E-01	-1.517E+00	5.206E-02	-2.020E+04	-1.507E+04	1.968E+03	-4.229E-01	-1.519E+00	4.756E-02	-1.440E+04	-2.087E+04	1.244E+00
259	4	8	-4.265E-01	-1.517E+00	5.504E-02	-2.020E+04	-1.507E+04	1.966E+03	-4.237E-01	-1.520E+00	5.028E-02	-1.440E+04	-2.086E+04	1.244E+00
259	4	9	-2.242E+00	1.078E+00	6.260E-01	-1.948E+04	-1.653E+04	2.425E+03	1.192E+00	-2.357E+00	1.391E+00	-1.516E+04	-2.084E+04	1.059E+00
259	4	10	-2.244E+00	1.078E+00	6.290E-01	-1.947E+04	-1.652E+04	2.424E+03	1.193E+00	-2.359E+00	1.390E+00	-1.516E+04	-2.084E+04	1.059E+00
259	4	11	-2.213E+00	2.641E-01	8.032E-01	-1.942E+04	-1.573E+04	2.205E+03	5.017E-01	-2.451E+00	1.283E+00	-1.470E+04	-2.045E+04	1.134E+00
259	4	12	-2.215E+00	2.634E-01	8.061E-01	-1.942E+04	-1.573E+04	2.204E+03	5.026E-01	-2.454E+00	1.282E+00	-1.470E+04	-2.045E+04	1.134E+00
259	4	13	-2.219E+00	1.062E+00	6.212E-01	-1.948E+04	-1.652E+04	2.419E+03	1.176E+00	-2.333E+00	1.390E+00	-1.517E+04	-2.084E+04	1.060E+00
259	4	14	-2.220E+00	1.061E+00	6.242E-01	-1.948E+04	-1.652E+04	2.418E+03	1.176E+00	-2.335E+00	1.389E+00	-1.517E+04	-2.084E+04	1.060E+00
259	4	15	-2.190E+00	2.479E-01	7.983E-01	-1.943E+04	-1.573E+04	2.200E+03	4.860E-01	-2.428E+00	1.281E+00	-1.471E+04	-2.046E+04	1.135E+00
259	4	16	-2.191E+00	2.472E-01	8.013E-01	-1.943E+04	-1.573E+04	2.198E+03	4.869E-01	-2.431E+00	1.280E+00	-1.471E+04	-2.045E+04	1.135E+00
260	1	1	-1.323E+00	-5.210E-02	-2.255E-01	-4.053E+04	-1.461E+03	7.940E+02	-1.328E-02	-1.362E+00	1.741E+00	-1.445E+03	-4.055E+04	1.550E+00
260	1	2	-1.325E+00	-5.221E-02	-2.250E-01	-4.053E+04	-1.461E+03	7.930E+02	-1.360E-02	-1.364E+00	1.741E+00	-1.445E+03	-4.055E+04	1.551E+00
260	1	3	-9.689E-01	-5.408E-02	-6.891E-02	-4.046E+04	-1.470E+03	5.091E+02	-4.892E-02	-9.740E-01	1.646E+00	-1.463E+03	-4.047E+04	1.558E+00
260	1	4	-9.711E-01	-5.419E-02	-6.846E-02	-4.046E+04	-1.470E+03	5.081E+02	-4.911E-02	-9.762E-01	1.645E+00	-1.463E+03	-4.046E+04	1.558E+00
260	1	5	-1.314E+00	-5.346E-02	-2.281E-01	-4.054E+04	-1.463E+03	7.891E+02	-1.344E-02	-1.354E+00	1.744E+00	-1.447E+03	-4.056E+04	1.551E+00
260	1	6	-1.316E+00	-5.357E-02	-2.277E-01	-4.054E+04	-1.463E+03	7.881E+02	-1.377E-02	-1.356E+00	1.744E+00	-1.447E+03	-4.056E+04	1.551E+00
260	1	7	-9.601E-01	-5.544E-02	-7.158E-02	-4.047E+04	-1.472E+03	5.043E+02	-4.981E-02	-9.658E-01	1.649E+00	-1.465E+03	-4.048E+04	1.558E+00
260	1	8	-9.624E-01	-5.555E-02	-7.114E-02	-4.047E+04	-1.472E+03	5.033E+02	-5.001E-02	-9.679E-01	1.649E+00	-1.465E+03	-4.047E+04	1.558E+00
260	1	9	-2.227E+00	1.075E-01	7.136E-02	-3.974E+04	-1.334E+03	1.190E+03	1.097E-01	-2.229E+00	1.540E+00	-1.297E+03	-3.978E+04	1.540E+00
260	1	10	-2.229E+00	1.074E-01	7.181E-02	-3.974E+04	-1.334E+03	1.189E+03	1.096E-01	-2.231E+00	1.540E+00	-1.297E+03	-3.978E+04	1.540E+00
260	1	11	-1.873E+00	1.055E-01	2.279E-01	-3.966E+04	-1.343E+03	9.049E+02	1.314E-01	-1.899E+00	1.458E+00	-1.322E+03	-3.969E+04	1.547E+00
260	1	12	-1.875E+00	1.054E-01	2.284E-01	-3.966E+04	-1.343E+03	9.039E+02	1.314E-01	-1.901E+00	1.457E+00	-1.322E+03	-3.969E+04	1.547E+00
260	1	13	-2.218E+00	1.061E-01	6.868E-02	-3.975E+04	-1.336E+03	1.185E+03	1.081E-01	-2.220E+00	1.541E+00	-1.299E+03	-3.979E+04	1.540E+00
260	1	14	-2.221E+00	1.060E-01	6.913E-02	-3.975E+04	-1.336E+03	1.184E+03	1.081E-01	-2.223E+00	1.541E+00	-1.299E+03	-3.979E+04	1.540E+00
260	1	15	-1.864E+00	1.041E-01	2.252E-01	-3.967E+04	-1.345E+03	9.001E+02	1.296E-01	-1.890E+00	1.458E+00	-1.324E+03	-3.970E+04	1.547E+00
260	1	16	-1.867E+00	1.040E-01	2.257E-01	-3.967E+04	-1.345E+03	8.991E+02	1.295E-01	-1.892E+00	1.458E+00	-1.323E+03	-3.969E+04	1.547E+00
260	2	1	-1.397E+00	3.880E-02	-3.746E-01	-5.484E+04	5.801E+02	-7.014E+02	1.306E-01	-1.489E+00	1.811E+00	5.890E+02	-5.485E+04	1.583E+00
260	2	2	-1.399E+00	3.848E-02	-3.740E-01	-5.484E+04	5.806E+02	-7.024E+02	1.299E-01	-1.491E+00	1.811E+00	5.895E+02	-5.485E+04	1.583E+00
260	2	3	-7.867E-01	6.929E-02	2.448E-01	-5.460E+04	7.579E+02	-7.762E+02	1.344E-01	-8.518E-01	1.311E+00	7.688E+02	-5.461E+04	1.585E+00

260	2	4	-7.889E-01	6.897E-02	2.454E-01	-5.460E+04	7.584E+02	-7.773E+02	1.342E-01	-8.541E-01	1.311E+00	7.693E+02	-5.461E+04	1.585E+00
260	2	5	-1.388E+00	4.021E-02	-3.765E-01	-5.485E+04	5.767E+02	-7.063E+02	1.334E-01	-1.481E+00	1.813E+00	5.857E+02	-5.486E+04	1.584E+00
260	2	6	-1.390E+00	3.988E-02	-3.759E-01	-5.485E+04	5.772E+02	-7.074E+02	1.327E-01	-1.483E+00	1.813E+00	5.863E+02	-5.486E+04	1.584E+00
260	2	7	-7.773E-01	7.070E-02	2.429E-01	-5.460E+04	7.546E+02	-7.812E+02	1.353E-01	-8.420E-01	1.311E+00	7.656E+02	-5.462E+04	1.585E+00
260	2	8	-7.795E-01	7.037E-02	2.434E-01	-5.460E+04	7.551E+02	-7.822E+02	1.352E-01	-8.443E-01	1.311E+00	7.661E+02	-5.462E+04	1.585E+00
260	2	9	-2.385E+00	-1.094E-01	-1.819E-01	-5.432E+04	8.843E+02	-2.819E+02	-9.492E-02	-2.399E+00	1.650E+00	8.857E+02	-5.432E+04	1.576E+00
260	2	10	-2.387E+00	-1.097E-01	-1.813E-01	-5.432E+04	8.848E+02	-2.830E+02	-9.534E-02	-2.402E+00	1.650E+00	8.862E+02	-5.432E+04	1.576E+00
260	2	11	-1.775E+00	-7.888E-02	4.375E-01	-5.407E+04	1.062E+03	-3.568E+02	2.734E-02	-1.881E+00	1.333E+00	1.064E+03	-5.407E+04	1.577E+00
260	2	12	-1.777E+00	-7.920E-02	4.380E-01	-5.407E+04	1.063E+03	-3.578E+02	2.717E-02	-1.883E+00	1.333E+00	1.065E+03	-5.407E+04	1.577E+00
260	2	13	-2.376E+00	-1.080E-01	-1.838E-01	-5.432E+04	8.809E+02	-2.868E+02	-9.315E-02	-2.390E+00	1.651E+00	8.824E+02	-5.432E+04	1.576E+00
260	2	14	-2.378E+00	-1.083E-01	-1.833E-01	-5.432E+04	8.814E+02	-2.879E+02	-9.358E-02	-2.392E+00	1.651E+00	8.829E+02	-5.432E+04	1.576E+00
260	2	15	-1.765E+00	-7.747E-02	4.355E-01	-5.408E+04	1.059E+03	-3.617E+02	2.830E-02	-1.871E+00	1.333E+00	1.061E+03	-5.408E+04	1.577E+00
260	2	16	-1.767E+00	-7.779E-02	4.361E-01	-5.408E+04	1.059E+03	-3.628E+02	2.813E-02	-1.873E+00	1.333E+00	1.062E+03	-5.408E+04	1.577E+00
260	3	1	-1.478E+00	7.449E-03	-2.276E-01	-4.063E+04	-5.590E+02	-3.021E+03	4.156E-02	-1.512E+00	1.720E+00	-3.325E+02	-4.086E+04	1.646E+00
260	3	2	-1.480E+00	7.288E-03	-2.272E-01	-4.063E+04	-5.588E+02	-3.022E+03	4.122E-02	-1.514E+00	1.719E+00	-3.321E+02	-4.085E+04	1.646E+00
260	3	3	-6.347E-01	-2.144E-01	-7.673E-02	-4.043E+04	-3.551E+02	-3.257E+03	-2.009E-01	-6.483E-01	1.746E+00	-9.218E+01	-4.069E+04	1.651E+00
260	3	4	-6.368E-01	-2.146E-01	-7.628E-02	-4.043E+04	-3.549E+02	-3.258E+03	-2.012E-01	-6.501E-01	1.744E+00	-9.176E+01	-4.069E+04	1.651E+00
260	3	5	-1.468E+00	5.712E-03	-2.304E-01	-4.064E+04	-5.594E+02	-3.026E+03	4.090E-02	-1.503E+00	1.722E+00	-3.322E+02	-4.087E+04	1.646E+00
260	3	6	-1.470E+00	5.550E-03	-2.300E-01	-4.064E+04	-5.591E+02	-3.027E+03	4.056E-02	-1.505E+00	1.722E+00	-3.318E+02	-4.086E+04	1.646E+00
260	3	7	-6.251E-01	-2.162E-01	-7.953E-02	-4.044E+04	-3.554E+02	-3.261E+03	-2.012E-01	-6.400E-01	1.756E+00	-9.184E+01	-4.070E+04	1.651E+00
260	3	8	-6.272E-01	-2.163E-01	-7.907E-02	-4.044E+04	-3.552E+02	-3.262E+03	-2.016E-01	-6.419E-01	1.754E+00	-9.142E+01	-4.070E+04	1.651E+00
260	3	9	-2.499E+00	2.400E-01	8.235E-02	-3.988E+04	-6.065E+02	-2.637E+03	2.425E-01	-2.502E+00	1.541E+00	-4.302E+02	-4.005E+04	1.638E+00
260	3	10	-2.502E+00	2.399E-01	8.280E-02	-3.988E+04	-6.062E+02	-2.638E+03	2.424E-01	-2.504E+00	1.541E+00	-4.298E+02	-4.005E+04	1.638E+00
260	3	11	-1.656E+00	1.814E-02	2.333E-01	-3.968E+04	-4.026E+02	-2.872E+03	5.002E-02	-1.688E+00	1.435E+00	-1.937E+02	-3.989E+04	1.643E+00
260	3	12	-1.658E+00	1.798E-02	2.337E-01	-3.968E+04	-4.023E+02	-2.873E+03	4.995E-02	-1.690E+00	1.435E+00	-1.933E+02	-3.989E+04	1.643E+00
260	3	13	-2.490E+00	2.383E-01	7.955E-02	-3.989E+04	-6.068E+02	-2.641E+03	2.406E-01	-2.492E+00	1.542E+00	-4.300E+02	-4.006E+04	1.638E+00
260	3	14	-2.492E+00	2.381E-01	8.000E-02	-3.989E+04	-6.066E+02	-2.642E+03	2.405E-01	-2.494E+00	1.542E+00	-4.296E+02	-4.006E+04	1.638E+00
260	3	15	-1.647E+00	1.640E-02	2.305E-01	-3.969E+04	-4.029E+02	-2.877E+03	4.774E-02	-1.678E+00	1.436E+00	-1.934E+02	-3.990E+04	1.644E+00
260	3	16	-1.649E+00	1.624E-02	2.309E-01	-3.969E+04	-4.027E+02	-2.878E+03	4.767E-02	-1.680E+00	1.436E+00	-1.930E+02	-3.990E+04	1.644E+00
260	4	1	-1.405E+00	-7.595E-02	-9.440E-02	-2.643E+04	-3.785E+03	4.922E+01	-6.928E-02	-1.412E+00	1.641E+00	-3.785E+03	-2.643E+04	1.569E+00
260	4	2	-1.407E+00	-7.590E-02	-9.405E-02	-2.643E+04	-3.785E+03	4.801E+01	-6.929E-02	-1.414E+00	1.641E+00	-3.785E+03	-2.643E+04	1.569E+00
260	4	3	-8.187E-01	-3.303E-01	-4.063E-01	-2.640E+04	-3.731E+03	-2.932E+02	-1.005E-01	-1.049E+00	2.086E+00	-3.727E+03	-2.640E+04	1.584E+00
260	4	4	-8.209E-01	-3.303E-01	-4.060E-01	-2.640E+04	-3.731E+03	-2.944E+02	-1.012E-01	-1.050E+00	2.084E+00	-3.727E+03	-2.640E+04	1.584E+00
260	4	5	-1.396E+00	-8.046E-02	-9.793E-02	-2.644E+04	-3.784E+03	4.332E+01	-7.321E-02	-1.404E+00	1.645E+00	-3.784E+03	-2.644E+04	1.569E+00
260	4	6	-1.398E+00	-8.041E-02	-9.758E-02	-2.644E+04	-3.784E+03	4.210E+01	-7.323E-02	-1.406E+00	1.644E+00	-3.784E+03	-2.644E+04	1.569E+00
260	4	7	-8.098E-01	-3.348E-01	-4.098E-01	-2.641E+04	-3.730E+03	-2.991E+02	-9.863E-02	-1.046E+00	2.094E+00	-3.726E+03	-2.642E+04	1.584E+00
260	4	8	-8.120E-01	-3.348E-01	-4.095E-01	-2.641E+04	-3.730E+03	-3.003E+02	-9.942E-02	-1.047E+00	2.092E+00	-3.726E+03	-2.641E+04	1.584E+00
260	4	9	-2.340E+00	4.494E-01	3.515E-01	-2.541E+04	-3.895E+03	5.725E+02	4.930E-01	-2.383E+00	1.447E+00	-3.880E+03	-2.542E+04	1.544E+00
260	4	10	-2.342E+00	4.494E-01	3.518E-01	-2.541E+04	-3.895E+03	5.713E+02	4.931E-01	-2.385E+00	1.447E+00	-3.880E+03	-2.542E+04	1.544E+00
260	4	11	-1.753E+00	1.950E-01	3.955E-02	-2.537E+04	-3.841E+03	2.301E+02	1.958E-01	-1.754E+00	1.551E+00	-3.839E+03	-2.538E+04	1.560E+00
260	4	12	-1.755E+00	1.951E-01	3.990E-02	-2.537E+04	-3.841E+03	2.289E+02	1.959E-01	-1.756E+00	1.550E+00	-3.839E+03	-2.537E+04	1.560E+00
260	4	13	-2.331E+00	4.449E-01	3.479E-01	-2.542E+04	-3.895E+03	5.666E+02	4.878E-01	-2.374E+00	1.448E+00	-3.880E+03	-2.543E+04	1.544E+00
260	4	14	-2.333E+00	4.449E-01	3.483E-01	-2.542E+04	-3.895E+03	5.654E+02	4.879E-01	-2.376E+00	1.448E+00	-3.880E+03	-2.543E+04	1.545E+00

260	4	15	-1.744E+00	1.905E-01	3.602E-02	-2.539E+04	-3.841E+03	2.242E+02	1.912E-01	-1.745E+00	1.552E+00	-3.838E+03	-2.539E+04	1.560E+00
260	4	16	-1.746E+00	1.906E-01	3.637E-02	-2.538E+04	-3.841E+03	2.230E+02	1.912E-01	-1.747E+00	1.552E+00	-3.838E+03	-2.539E+04	1.560E+00
261	1	1	1.512E-01	-1.427E+00	4.828E-01	1.991E+03	-1.238E+04	3.332E+02	2.872E-01	-1.563E+00	2.745E-01	1.998E+03	-1.239E+04	2.317E-02
261	1	2	1.514E-01	-1.420E+00	4.841E-01	1.990E+03	-1.238E+04	3.334E+02	2.886E-01	-1.557E+00	2.761E-01	1.998E+03	-1.239E+04	2.319E-02
261	1	3	-4.133E-02	-1.234E+00	1.284E+00	2.017E+03	-1.203E+04	2.556E+02	7.778E-01	-2.053E+00	5.680E-01	2.021E+03	-1.203E+04	1.819E-02
261	1	4	-4.113E-02	-1.226E+00	1.285E+00	2.016E+03	-1.203E+04	2.559E+02	7.812E-01	-2.049E+00	5.693E-01	2.021E+03	-1.204E+04	1.821E-02
261	1	5	1.509E-01	-1.382E+00	4.896E-01	1.988E+03	-1.239E+04	3.328E+02	2.940E-01	-1.525E+00	2.843E-01	1.996E+03	-1.240E+04	2.313E-02
261	1	6	1.511E-01	-1.374E+00	4.909E-01	1.988E+03	-1.240E+04	3.331E+02	2.954E-01	-1.519E+00	2.859E-01	1.995E+03	-1.240E+04	2.314E-02
261	1	7	-4.163E-02	-1.188E+00	1.290E+00	2.014E+03	-1.204E+04	2.553E+02	7.971E-01	-2.027E+00	5.763E-01	2.019E+03	-1.205E+04	1.815E-02
261	1	8	-4.143E-02	-1.181E+00	1.292E+00	2.014E+03	-1.204E+04	2.556E+02	8.005E-01	-2.023E+00	5.777E-01	2.018E+03	-1.205E+04	1.817E-02
261	1	9	-1.699E-01	-4.088E+00	-1.040E+00	2.132E+03	-1.159E+04	1.200E+02	8.901E-02	-4.347E+00	-2.440E-01	2.133E+03	-1.159E+04	8.739E-03
261	1	10	-1.697E-01	-4.081E+00	-1.039E+00	2.132E+03	-1.160E+04	1.202E+02	8.902E-02	-4.339E+00	-2.441E-01	2.133E+03	-1.160E+04	8.758E-03
261	1	11	-3.625E-01	-3.895E+00	-2.392E-01	2.158E+03	-1.124E+04	4.243E+01	-3.463E-01	-3.911E+00	-6.731E-02	2.158E+03	-1.124E+04	3.166E-03
261	1	12	-3.623E-01	-3.887E+00	-2.379E-01	2.158E+03	-1.124E+04	4.271E+01	-3.463E-01	-3.903E+00	-6.708E-02	2.158E+03	-1.124E+04	3.187E-03
261	1	13	-1.702E-01	-4.043E+00	-1.033E+00	2.130E+03	-1.161E+04	1.196E+02	8.817E-02	-4.301E+00	-2.451E-01	2.131E+03	-1.161E+04	8.706E-03
261	1	14	-1.700E-01	-4.035E+00	-1.032E+00	2.129E+03	-1.161E+04	1.199E+02	8.818E-02	-4.294E+00	-2.452E-01	2.130E+03	-1.161E+04	8.725E-03
261	1	15	-3.628E-01	-3.849E+00	-2.323E-01	2.156E+03	-1.126E+04	4.208E+01	-3.473E-01	-3.865E+00	-6.625E-02	2.156E+03	-1.126E+04	3.138E-03
261	1	16	-3.626E-01	-3.842E+00	-2.311E-01	2.155E+03	-1.126E+04	4.236E+01	-3.473E-01	-3.857E+00	-6.602E-02	2.155E+03	-1.126E+04	3.158E-03
261	2	1	1.814E-02	-1.937E+00	3.506E-01	3.898E+03	-4.992E+03	8.623E+02	7.911E-02	-1.998E+00	1.722E-01	3.981E+03	-5.075E+03	9.580E-02
261	2	2	1.792E-02	-1.927E+00	3.525E-01	3.898E+03	-4.995E+03	8.627E+02	7.982E-02	-1.989E+00	1.738E-01	3.980E+03	-5.078E+03	9.583E-02
261	2	3	3.150E-01	-1.808E+00	1.281E+00	3.624E+03	-5.081E+03	6.139E+02	9.174E-01	-2.410E+00	4.394E-01	3.667E+03	-5.124E+03	7.006E-02
261	2	4	3.148E-01	-1.799E+00	1.283E+00	3.623E+03	-5.084E+03	6.143E+02	9.203E-01	-2.405E+00	4.409E-01	3.666E+03	-5.127E+03	7.009E-02
261	2	5	1.492E-02	-1.872E+00	3.646E-01	3.892E+03	-5.015E+03	8.617E+02	8.293E-02	-1.940E+00	1.844E-01	3.975E+03	-5.097E+03	9.557E-02
261	2	6	1.470E-02	-1.863E+00	3.666E-01	3.891E+03	-5.017E+03	8.621E+02	8.372E-02	-1.932E+00	1.861E-01	3.974E+03	-5.100E+03	9.559E-02
261	2	7	3.118E-01	-1.744E+00	1.295E+00	3.618E+03	-5.104E+03	6.133E+02	9.376E-01	-2.369E+00	4.501E-01	3.661E+03	-5.146E+03	6.986E-02
261	2	8	3.116E-01	-1.734E+00	1.297E+00	3.617E+03	-5.106E+03	6.137E+02	9.407E-01	-2.364E+00	4.515E-01	3.660E+03	-5.149E+03	6.989E-02
261	2	9	4.943E-01	-5.690E+00	-1.627E+00	4.572E+03	-3.655E+03	1.361E+03	8.964E-01	-6.092E+00	-2.422E-01	4.792E+03	-3.875E+03	1.598E-01
261	2	10	4.941E-01	-5.681E+00	-1.625E+00	4.572E+03	-3.658E+03	1.362E+03	8.958E-01	-6.083E+00	-2.423E-01	4.791E+03	-3.878E+03	1.598E-01
261	2	11	7.912E-01	-5.562E+00	-6.966E-01	4.298E+03	-3.744E+03	1.113E+03	8.667E-01	-5.637E+00	-1.079E-01	4.449E+03	-3.895E+03	1.350E-01
261	2	12	7.910E-01	-5.552E+00	-6.947E-01	4.297E+03	-3.747E+03	1.113E+03	8.662E-01	-5.628E+00	-1.078E-01	4.449E+03	-3.898E+03	1.350E-01
261	2	13	4.911E-01	-5.625E+00	-1.613E+00	4.566E+03	-3.678E+03	1.361E+03	8.905E-01	-6.025E+00	-2.427E-01	4.785E+03	-3.896E+03	1.594E-01
261	2	14	4.909E-01	-5.616E+00	-1.611E+00	4.566E+03	-3.680E+03	1.361E+03	8.899E-01	-6.015E+00	-2.428E-01	4.784E+03	-3.899E+03	1.594E-01
261	2	15	7.880E-01	-5.497E+00	-6.825E-01	4.292E+03	-3.766E+03	1.112E+03	8.612E-01	-5.570E+00	-1.069E-01	4.443E+03	-3.917E+03	1.347E-01
261	2	16	7.878E-01	-5.488E+00	-6.806E-01	4.291E+03	-3.769E+03	1.113E+03	8.607E-01	-5.561E+00	-1.068E-01	4.442E+03	-3.920E+03	1.347E-01
261	3	1	6.460E-01	-1.523E+00	6.682E-02	2.093E+03	9.953E+02	8.811E+02	6.481E-01	-1.525E+00	3.077E-02	2.582E+03	5.061E+02	5.068E-01
261	3	2	6.465E-01	-1.516E+00	6.932E-02	2.093E+03	9.928E+02	8.809E+02	6.487E-01	-1.518E+00	3.202E-02	2.581E+03	5.043E+02	5.063E-01
261	3	3	1.467E+00	-1.575E+00	9.054E-01	1.838E+03	6.258E+02	7.391E+02	1.716E+00	-1.824E+00	2.685E-01	2.188E+03	2.760E+02	4.420E-01
261	3	4	1.467E+00	-1.568E+00	9.079E-01	1.838E+03	6.233E+02	7.390E+02	1.718E+00	-1.819E+00	2.696E-01	2.187E+03	2.741E+02	4.415E-01
261	3	5	6.518E-01	-1.479E+00	8.680E-02	2.089E+03	9.744E+02	8.775E+02	6.553E-01	-1.482E+00	4.065E-02	2.571E+03	4.922E+02	5.024E-01
261	3	6	6.522E-01	-1.472E+00	8.930E-02	2.089E+03	9.719E+02	8.773E+02	6.560E-01	-1.475E+00	4.194E-02	2.571E+03	4.905E+02	5.019E-01
261	3	7	1.472E+00	-1.531E+00	9.254E-01	1.834E+03	6.049E+02	7.356E+02	1.735E+00	-1.793E+00	2.761E-01	2.178E+03	2.610E+02	4.374E-01
261	3	8	1.473E+00	-1.524E+00	9.279E-01	1.834E+03	6.025E+02	7.354E+02	1.737E+00	-1.788E+00	2.772E-01	2.177E+03	2.591E+02	4.369E-01
261	3	9	-8.648E-01	-3.944E+00	-2.019E+00	2.654E+03	2.537E+03	1.301E+03	1.349E-01	-4.943E+00	-4.597E-01	3.897E+03	1.294E+03	7.630E-01

261	3	10	-8.643E-01	-3.936E+00	-2.017E+00	2.654E+03	2.535E+03	1.300E+03	1.347E-01	-4.935E+00	-4.599E-01	3.896E+03	1.292E+03	7.626E-01
261	3	11	-4.427E-02	-3.996E+00	-1.181E+00	2.399E+03	2.168E+03	1.159E+03	2.816E-01	-4.322E+00	-2.693E-01	3.448E+03	1.119E+03	7.357E-01
261	3	12	-4.381E-02	-3.989E+00	-1.178E+00	2.399E+03	2.165E+03	1.158E+03	2.813E-01	-4.314E+00	-2.692E-01	3.446E+03	1.118E+03	7.352E-01
261	3	13	-8.591E-01	-3.900E+00	-1.999E+00	2.650E+03	2.516E+03	1.297E+03	1.323E-01	-4.891E+00	-4.603E-01	3.882E+03	1.284E+03	7.597E-01
261	3	14	-8.586E-01	-3.893E+00	-1.997E+00	2.650E+03	2.514E+03	1.297E+03	1.321E-01	-4.883E+00	-4.605E-01	3.880E+03	1.283E+03	7.592E-01
261	3	15	-3.854E-02	-3.952E+00	-1.161E+00	2.395E+03	2.147E+03	1.155E+03	2.798E-01	-4.270E+00	-2.677E-01	3.433E+03	1.109E+03	7.319E-01
261	3	16	-3.808E-02	-3.945E+00	-1.158E+00	2.395E+03	2.144E+03	1.155E+03	2.795E-01	-4.262E+00	-2.676E-01	3.431E+03	1.108E+03	7.314E-01
261	4	1	5.778E-02	-1.017E+00	1.773E-01	6.149E+02	-6.565E+03	1.540E+03	8.627E-02	-1.045E+00	1.593E-01	9.311E+02	-6.881E+03	2.026E-01
261	4	2	5.866E-02	-1.011E+00	1.791E-01	6.152E+02	-6.567E+03	1.540E+03	8.785E-02	-1.041E+00	1.615E-01	9.314E+02	-6.883E+03	2.025E-01
261	4	3	3.889E-01	-1.004E+00	8.859E-01	6.795E+02	-6.510E+03	1.399E+03	8.193E-01	-1.434E+00	4.523E-01	9.420E+02	-6.773E+03	1.855E-01
261	4	4	3.898E-01	-9.987E-01	8.878E-01	6.798E+02	-6.512E+03	1.399E+03	8.225E-01	-1.431E+00	4.536E-01	9.423E+02	-6.775E+03	1.855E-01
261	4	5	6.644E-02	-9.923E-01	1.900E-01	6.174E+02	-6.580E+03	1.539E+03	9.951E-02	-1.025E+00	1.723E-01	9.328E+02	-6.896E+03	2.021E-01
261	4	6	6.732E-02	-9.869E-01	1.919E-01	6.177E+02	-6.582E+03	1.540E+03	1.012E-01	-1.021E+00	1.745E-01	9.331E+02	-6.898E+03	2.021E-01
261	4	7	3.975E-01	-9.796E-01	8.987E-01	6.820E+02	-6.525E+03	1.398E+03	8.411E-01	-1.423E+00	4.585E-01	9.438E+02	-6.787E+03	1.851E-01
261	4	8	3.984E-01	-9.742E-01	9.005E-01	6.823E+02	-6.527E+03	1.399E+03	8.444E-01	-1.420E+00	4.598E-01	9.441E+02	-6.789E+03	1.851E-01
261	4	9	-8.077E-01	-2.338E+00	-1.410E+00	4.145E+02	-5.707E+03	1.844E+03	3.155E-02	-3.177E+00	-5.368E-01	9.271E+02	-6.220E+03	2.711E-01
261	4	10	-8.068E-01	-2.332E+00	-1.408E+00	4.148E+02	-5.709E+03	1.844E+03	3.197E-02	-3.171E+00	-5.372E-01	9.274E+02	-6.222E+03	2.711E-01
261	4	11	-4.766E-01	-2.325E+00	-7.015E-01	4.791E+02	-5.652E+03	1.703E+03	-2.406E-01	-2.561E+00	-3.246E-01	9.204E+02	-6.093E+03	2.535E-01
261	4	12	-4.757E-01	-2.320E+00	-6.996E-01	4.794E+02	-5.654E+03	1.703E+03	-2.404E-01	-2.555E+00	-3.246E-01	9.207E+02	-6.095E+03	2.535E-01
261	4	13	-7.990E-01	-2.313E+00	-1.397E+00	4.170E+02	-5.722E+03	1.844E+03	3.312E-02	-3.146E+00	-5.371E-01	9.282E+02	-6.233E+03	2.705E-01
261	4	14	-7.982E-01	-2.308E+00	-1.396E+00	4.173E+02	-5.724E+03	1.844E+03	3.354E-02	-3.140E+00	-5.375E-01	9.285E+02	-6.235E+03	2.704E-01
261	4	15	-4.680E-01	-2.301E+00	-6.887E-01	4.816E+02	-5.667E+03	1.703E+03	-2.380E-01	-2.531E+00	-3.223E-01	9.217E+02	-6.107E+03	2.529E-01
261	4	16	-4.671E-01	-2.295E+00	-6.869E-01	4.819E+02	-5.669E+03	1.703E+03	-2.378E-01	-2.525E+00	-3.222E-01	9.220E+02	-6.109E+03	2.529E-01
262	1	1	-7.554E-01	-9.885E-01	2.210E-01	-4.547E+03	-9.574E+03	2.020E+03	-6.221E-01	-1.122E+00	5.428E-01	-3.836E+03	-1.029E+04	3.385E-01
262	1	2	-7.559E-01	-9.839E-01	2.190E-01	-4.547E+03	-9.576E+03	2.021E+03	-6.230E-01	-1.117E+00	5.454E-01	-3.836E+03	-1.029E+04	3.385E-01
262	1	3	-1.704E+00	-1.296E+00	6.587E-01	-4.385E+03	-9.829E+03	2.013E+03	-8.107E-01	-2.190E+00	9.356E-01	-3.721E+03	-1.049E+04	3.184E-01
262	1	4	-1.705E+00	-1.292E+00	6.567E-01	-4.385E+03	-9.830E+03	2.014E+03	-8.098E-01	-2.187E+00	9.378E-01	-3.721E+03	-1.049E+04	3.184E-01
262	1	5	-7.710E-01	-9.582E-01	2.113E-01	-4.548E+03	-9.589E+03	2.022E+03	-6.335E-01	-1.096E+00	5.768E-01	-3.838E+03	-1.030E+04	3.380E-01
262	1	6	-7.714E-01	-9.536E-01	2.092E-01	-4.549E+03	-9.590E+03	2.022E+03	-6.344E-01	-1.091E+00	5.801E-01	-3.838E+03	-1.030E+04	3.380E-01
262	1	7	-1.720E+00	-1.266E+00	6.489E-01	-4.386E+03	-9.844E+03	2.015E+03	-8.054E-01	-2.180E+00	9.536E-01	-3.722E+03	-1.051E+04	3.180E-01
262	1	8	-1.720E+00	-1.261E+00	6.469E-01	-4.386E+03	-9.845E+03	2.015E+03	-8.044E-01	-2.177E+00	9.559E-01	-3.722E+03	-1.051E+04	3.180E-01
262	1	9	1.094E+00	-2.600E+00	1.178E+00	-4.405E+03	-8.491E+03	1.933E+03	1.437E+00	-2.944E+00	2.838E-01	-3.635E+03	-9.261E+03	3.788E-01
262	1	10	1.093E+00	-2.596E+00	1.176E+00	-4.405E+03	-8.493E+03	1.933E+03	1.436E+00	-2.938E+00	2.837E-01	-3.635E+03	-9.262E+03	3.788E-01
262	1	11	1.448E-01	-2.908E+00	1.615E+00	-4.242E+03	-8.746E+03	1.926E+03	8.409E-01	-3.604E+00	4.069E-01	-3.531E+03	-9.457E+03	3.538E-01
262	1	12	1.443E-01	-2.903E+00	1.613E+00	-4.242E+03	-8.747E+03	1.926E+03	8.397E-01	-3.599E+00	4.070E-01	-3.530E+03	-9.459E+03	3.537E-01
262	1	13	1.078E+00	-2.570E+00	1.168E+00	-4.406E+03	-8.506E+03	1.934E+03	1.420E+00	-2.912E+00	2.848E-01	-3.637E+03	-9.275E+03	3.782E-01
262	1	14	1.078E+00	-2.565E+00	1.166E+00	-4.406E+03	-8.507E+03	1.935E+03	1.419E+00	-2.906E+00	2.847E-01	-3.637E+03	-9.276E+03	3.782E-01
262	1	15	1.292E-01	-2.878E+00	1.606E+00	-4.243E+03	-8.761E+03	1.928E+03	8.254E-01	-3.574E+00	4.091E-01	-3.532E+03	-9.471E+03	3.532E-01
262	1	16	1.288E-01	-2.873E+00	1.604E+00	-4.243E+03	-8.762E+03	1.928E+03	8.242E-01	-3.568E+00	4.092E-01	-3.532E+03	-9.473E+03	3.532E-01
262	2	1	-1.190E+00	2.100E-01	3.951E-01	-7.968E+03	-7.440E+03	6.412E+02	3.138E-01	-1.294E+00	1.314E+00	-7.011E+03	-8.398E+03	9.807E-01
262	2	2	-1.191E+00	2.102E-01	3.930E-01	-7.968E+03	-7.440E+03	6.421E+02	3.129E-01	-1.293E+00	1.315E+00	-7.010E+03	-8.398E+03	9.803E-01
262	2	3	-2.804E+00	3.186E-01	1.007E-01	-7.733E+03	-7.435E+03	7.138E+02	3.218E-01	-2.808E+00	1.539E+00	-6.855E+03	-8.313E+03	8.881E-01
262	2	4	-2.805E+00	3.188E-01	9.864E-02	-7.732E+03	-7.435E+03	7.146E+02	3.219E-01	-2.808E+00	1.539E+00	-6.854E+03	-8.314E+03	8.879E-01

262	2	5	-1.211E+00	2.131E-01	3.794E-01	-7.968E+03	-7.447E+03	6.437E+02	3.079E-01	-1.306E+00	1.326E+00	-7.013E+03	-8.402E+03	9.776E-01
262	2	6	-1.212E+00	2.134E-01	3.773E-01	-7.967E+03	-7.447E+03	6.446E+02	3.071E-01	-1.305E+00	1.327E+00	-7.012E+03	-8.402E+03	9.772E-01
262	2	7	-2.825E+00	3.217E-01	8.507E-02	-7.732E+03	-7.442E+03	7.162E+02	3.240E-01	-2.828E+00	1.544E+00	-6.856E+03	-8.318E+03	8.854E-01
262	2	8	-2.826E+00	3.220E-01	8.296E-02	-7.732E+03	-7.442E+03	7.171E+02	3.242E-01	-2.828E+00	1.544E+00	-6.855E+03	-8.318E+03	8.851E-01
262	2	9	1.828E+00	-3.216E-02	1.330E+00	-8.142E+03	-6.983E+03	5.422E+02	2.521E+00	-7.254E-01	4.803E-01	-6.769E+03	-8.356E+03	1.195E+00
262	2	10	1.828E+00	-3.190E-02	1.328E+00	-8.141E+03	-6.983E+03	5.430E+02	2.519E+00	-7.236E-01	4.801E-01	-6.769E+03	-8.356E+03	1.194E+00
262	2	11	2.137E-01	7.644E-02	1.036E+00	-7.906E+03	-6.978E+03	6.147E+02	1.183E+00	-8.933E-01	7.523E-01	-6.672E+03	-8.212E+03	1.109E+00
262	2	12	2.132E-01	7.671E-02	1.034E+00	-7.906E+03	-6.978E+03	6.155E+02	1.181E+00	-8.913E-01	7.524E-01	-6.671E+03	-8.213E+03	1.108E+00
262	2	13	1.807E+00	-2.901E-02	1.315E+00	-8.141E+03	-6.990E+03	5.446E+02	2.493E+00	-7.146E-01	4.806E-01	-6.773E+03	-8.358E+03	1.192E+00
262	2	14	1.807E+00	-2.874E-02	1.313E+00	-8.141E+03	-6.990E+03	5.455E+02	2.491E+00	-7.127E-01	4.803E-01	-6.773E+03	-8.358E+03	1.191E+00
262	2	15	1.928E-01	7.960E-02	1.020E+00	-7.906E+03	-6.985E+03	6.172E+02	1.158E+00	-8.858E-01	7.577E-01	-6.675E+03	-8.215E+03	1.106E+00
262	2	16	1.923E-01	7.986E-02	1.018E+00	-7.905E+03	-6.985E+03	6.180E+02	1.156E+00	-8.838E-01	7.578E-01	-6.675E+03	-8.216E+03	1.105E+00
262	3	1	-1.631E+00	-8.480E-01	2.204E-01	-4.041E+03	-2.605E+03	1.348E+03	-7.903E-01	-1.689E+00	1.315E+00	-1.796E+03	-4.850E+03	1.030E+00
262	3	2	-1.632E+00	-8.433E-01	2.184E-01	-4.040E+03	-2.606E+03	1.349E+03	-7.869E-01	-1.688E+00	1.318E+00	-1.796E+03	-4.851E+03	1.030E+00
262	3	3	-3.911E+00	-5.899E-01	6.581E-01	-3.643E+03	-2.374E+03	1.342E+03	-4.643E-01	-4.037E+00	1.382E+00	-1.525E+03	-4.493E+03	1.006E+00
262	3	4	-3.912E+00	-5.852E-01	6.560E-01	-3.643E+03	-2.375E+03	1.343E+03	-4.606E-01	-4.037E+00	1.383E+00	-1.524E+03	-4.494E+03	1.006E+00
262	3	5	-1.658E+00	-8.132E-01	2.106E-01	-4.039E+03	-2.615E+03	1.353E+03	-7.635E-01	-1.707E+00	1.339E+00	-1.798E+03	-4.856E+03	1.028E+00
262	3	6	-1.658E+00	-8.085E-01	2.086E-01	-4.039E+03	-2.616E+03	1.354E+03	-7.601E-01	-1.707E+00	1.343E+00	-1.798E+03	-4.857E+03	1.027E+00
262	3	7	-3.938E+00	-5.551E-01	6.483E-01	-3.642E+03	-2.384E+03	1.347E+03	-4.351E-01	-4.058E+00	1.388E+00	-1.527E+03	-4.499E+03	1.004E+00
262	3	8	-3.938E+00	-5.504E-01	6.462E-01	-3.641E+03	-2.385E+03	1.348E+03	-4.313E-01	-4.057E+00	1.389E+00	-1.526E+03	-4.500E+03	1.003E+00
262	3	9	2.565E+00	-2.994E+00	1.177E+00	-4.546E+03	-2.030E+03	1.116E+03	2.804E+00	-3.233E+00	2.003E-01	-1.606E+03	-4.970E+03	1.208E+00
262	3	10	2.565E+00	-2.989E+00	1.175E+00	-4.546E+03	-2.031E+03	1.117E+03	2.803E+00	-3.227E+00	2.001E-01	-1.607E+03	-4.970E+03	1.208E+00
262	3	11	2.855E-01	-2.736E+00	1.615E+00	-4.148E+03	-1.799E+03	1.110E+03	9.859E-01	-3.436E+00	4.093E-01	-1.358E+03	-4.590E+03	1.192E+00
262	3	12	2.849E-01	-2.731E+00	1.612E+00	-4.148E+03	-1.800E+03	1.111E+03	9.847E-01	-3.431E+00	4.094E-01	-1.358E+03	-4.590E+03	1.192E+00
262	3	13	2.539E+00	-2.959E+00	1.167E+00	-4.545E+03	-2.040E+03	1.121E+03	2.777E+00	-3.196E+00	2.008E-01	-1.611E+03	-4.973E+03	1.206E+00
262	3	14	2.538E+00	-2.954E+00	1.165E+00	-4.544E+03	-2.041E+03	1.122E+03	2.775E+00	-3.191E+00	2.006E-01	-1.612E+03	-4.974E+03	1.205E+00
262	3	15	2.592E-01	-2.701E+00	1.605E+00	-4.147E+03	-1.809E+03	1.115E+03	9.622E-01	-3.404E+00	4.129E-01	-1.363E+03	-4.593E+03	1.190E+00
262	3	16	2.586E-01	-2.696E+00	1.603E+00	-4.147E+03	-1.810E+03	1.116E+03	9.610E-01	-3.399E+00	4.130E-01	-1.363E+03	-4.594E+03	1.190E+00
262	4	1	-1.192E+00	-2.077E+00	-5.095E-01	-9.443E+02	-6.888E+03	1.869E+03	-9.593E-01	-2.309E+00	-4.277E-01	-4.052E+02	-7.427E+03	2.808E-01
262	4	2	-1.192E+00	-2.068E+00	-5.115E-01	-9.445E+02	-6.891E+03	1.870E+03	-9.566E-01	-2.303E+00	-4.313E-01	-4.054E+02	-7.430E+03	2.807E-01
262	4	3	-2.806E+00	-2.235E+00	6.602E-01	-6.194E+02	-6.907E+03	1.660E+03	-1.801E+00	-3.240E+00	9.894E-01	-2.079E+02	-7.318E+03	2.430E-01
262	4	4	-2.806E+00	-2.226E+00	6.581E-01	-6.196E+02	-6.909E+03	1.661E+03	-1.797E+00	-3.236E+00	9.930E-01	-2.080E+02	-7.321E+03	2.429E-01
262	4	5	-1.212E+00	-2.015E+00	-5.134E-01	-9.447E+02	-6.910E+03	1.869E+03	-9.621E-01	-2.265E+00	-4.537E-01	-4.074E+02	-7.447E+03	2.799E-01
262	4	6	-1.213E+00	-2.006E+00	-5.154E-01	-9.448E+02	-6.912E+03	1.869E+03	-9.592E-01	-2.260E+00	-4.575E-01	-4.076E+02	-7.450E+03	2.799E-01
262	4	7	-2.827E+00	-2.173E+00	6.563E-01	-6.198E+02	-6.929E+03	1.660E+03	-1.767E+00	-3.233E+00	1.016E+00	-2.096E+02	-7.339E+03	2.422E-01
262	4	8	-2.827E+00	-2.164E+00	6.543E-01	-6.199E+02	-6.931E+03	1.660E+03	-1.762E+00	-3.229E+00	1.020E+00	-2.098E+02	-7.341E+03	2.422E-01
262	4	9	1.826E+00	-5.531E+00	1.580E+00	-4.869E+02	-5.604E+03	2.299E+03	2.151E+00	-5.856E+00	2.028E-01	3.943E+02	-6.485E+03	3.660E-01
262	4	10	1.825E+00	-5.522E+00	1.578E+00	-4.870E+02	-5.607E+03	2.299E+03	2.150E+00	-5.847E+00	2.028E-01	3.941E+02	-6.488E+03	3.659E-01
262	4	11	2.113E-01	-5.690E+00	2.750E+00	-1.619E+02	-5.623E+03	2.090E+03	1.294E+00	-6.772E+00	3.751E-01	5.461E+02	-6.331E+03	3.266E-01
262	4	12	2.108E-01	-5.680E+00	2.748E+00	-1.621E+02	-5.626E+03	2.090E+03	1.293E+00	-6.763E+00	3.753E-01	5.459E+02	-6.334E+03	3.266E-01
262	4	13	1.805E+00	-5.469E+00	1.576E+00	-4.872E+02	-5.626E+03	2.299E+03	2.132E+00	-5.796E+00	2.045E-01	3.910E+02	-6.504E+03	3.649E-01
262	4	14	1.804E+00	-5.460E+00	1.574E+00	-4.874E+02	-5.629E+03	2.299E+03	2.131E+00	-5.787E+00	2.045E-01	3.907E+02	-6.507E+03	3.648E-01
262	4	15	1.904E-01	-5.628E+00	2.746E+00	-1.623E+02	-5.645E+03	2.090E+03	1.282E+00	-6.719E+00	3.783E-01	5.433E+02	-6.350E+03	3.257E-01

262	4	16	1.899E-01	-5.618E+00	2.744E+00	-1.624E+02	-5.648E+03	2.090E+03	1.281E+00	-6.710E+00	3.785E-01	5.431E+02	-6.353E+03	3.256E-01
263	1	1	-7.549E-01	-8.400E-01	-7.261E-01	-4.541E+03	-9.596E+03	-2.086E+03	-7.016E-02	-1.525E+00	-7.561E-01	-3.791E+03	-1.035E+04	-3.450E-01
263	1	2	-7.563E-01	-8.454E-01	-7.295E-01	-4.541E+03	-9.595E+03	-2.086E+03	-6.998E-02	-1.532E+00	-7.549E-01	-3.791E+03	-1.034E+04	-3.450E-01
263	1	3	-1.656E+00	-1.386E+00	-1.855E+00	-4.348E+03	-9.898E+03	-2.065E+03	3.385E-01	-3.380E+00	2.320E+00	-3.664E+03	-1.058E+04	-3.199E-01
263	1	4	-1.657E+00	-1.392E+00	-1.858E+00	-4.347E+03	-9.897E+03	-2.064E+03	3.384E-01	-3.387E+00	2.321E+00	-3.664E+03	-1.058E+04	-3.198E-01
263	1	5	-7.721E-01	-8.230E-01	-7.254E-01	-4.542E+03	-9.608E+03	-2.086E+03	-7.173E-02	-1.523E+00	-7.679E-01	-3.793E+03	-1.036E+04	-3.444E-01
263	1	6	-7.735E-01	-8.284E-01	-7.288E-01	-4.541E+03	-9.607E+03	-2.085E+03	-7.159E-02	-1.530E+00	-7.666E-01	-3.793E+03	-1.036E+04	-3.444E-01
263	1	7	-1.673E+00	-1.369E+00	-1.854E+00	-4.348E+03	-9.910E+03	-2.064E+03	3.391E-01	-3.381E+00	2.315E+00	-3.666E+03	-1.059E+04	-3.193E-01
263	1	8	-1.674E+00	-1.375E+00	-1.857E+00	-4.348E+03	-9.909E+03	-2.064E+03	3.390E-01	-3.388E+00	2.316E+00	-3.666E+03	-1.059E+04	-3.193E-01
263	1	9	1.046E+00	-2.553E+00	1.114E-03	-4.413E+03	-8.450E+03	-2.025E+03	1.046E+00	-2.553E+00	3.095E-04	-3.573E+03	-9.291E+03	-3.935E-01
263	1	10	1.045E+00	-2.558E+00	-2.301E-03	-4.413E+03	-8.449E+03	-2.024E+03	1.045E+00	-2.558E+00	-6.386E-04	-3.573E+03	-9.290E+03	-3.935E-01
263	1	11	1.457E-01	-3.099E+00	-1.127E+00	-4.220E+03	-8.753E+03	-2.003E+03	4.990E-01	-3.452E+00	-3.037E-01	-3.461E+03	-9.511E+03	-3.620E-01
263	1	12	1.443E-01	-3.104E+00	-1.131E+00	-4.220E+03	-8.752E+03	-2.003E+03	4.992E-01	-3.459E+00	-3.041E-01	-3.461E+03	-9.510E+03	-3.619E-01
263	1	13	1.029E+00	-2.536E+00	1.801E-03	-4.414E+03	-8.463E+03	-2.024E+03	1.029E+00	-2.536E+00	5.052E-04	-3.576E+03	-9.301E+03	-3.927E-01
263	1	14	1.028E+00	-2.541E+00	-1.614E-03	-4.414E+03	-8.462E+03	-2.024E+03	1.028E+00	-2.541E+00	-4.521E-04	-3.575E+03	-9.300E+03	-3.927E-01
263	1	15	1.285E-01	-3.082E+00	-1.127E+00	-4.221E+03	-8.765E+03	-2.003E+03	4.845E-01	-3.438E+00	-3.060E-01	-3.464E+03	-9.522E+03	-3.613E-01
263	1	16	1.271E-01	-3.087E+00	-1.130E+00	-4.220E+03	-8.764E+03	-2.003E+03	4.847E-01	-3.445E+00	-3.064E-01	-3.464E+03	-9.521E+03	-3.612E-01
263	2	1	-9.919E-01	-1.867E+00	-8.735E-01	-5.473E+02	-6.965E+03	-2.038E+03	-4.525E-01	-2.406E+00	-5.532E-01	4.540E+01	-7.558E+03	-2.830E-01
263	2	2	-9.946E-01	-1.877E+00	-8.785E-01	-5.464E+02	-6.962E+03	-2.038E+03	-4.527E-01	-2.418E+00	-5.528E-01	4.594E+01	-7.555E+03	-2.829E-01
263	2	3	-2.862E+00	-2.206E+00	-3.068E+00	-7.778E+01	-6.901E+03	-1.706E+03	5.515E-01	-5.619E+00	2.303E+00	3.252E+02	-7.304E+03	-2.319E-01
263	2	4	-2.864E+00	-2.216E+00	-3.073E+00	-7.690E+01	-6.898E+03	-1.706E+03	5.500E-01	-5.630E+00	2.304E+00	3.258E+02	-7.301E+03	-2.319E-01
263	2	5	-1.018E+00	-1.828E+00	-8.823E-01	-5.460E+02	-6.980E+03	-2.035E+03	-4.520E-01	-2.394E+00	-5.702E-01	4.358E+01	-7.570E+03	-2.820E-01
263	2	6	-1.020E+00	-1.838E+00	-8.873E-01	-5.451E+02	-6.978E+03	-2.034E+03	-4.522E-01	-2.406E+00	-5.696E-01	4.411E+01	-7.567E+03	-2.820E-01
263	2	7	-2.887E+00	-2.167E+00	-3.077E+00	-7.642E+01	-6.916E+03	-1.703E+03	5.704E-01	-5.625E+00	2.298E+00	3.241E+02	-7.317E+03	-2.310E-01
263	2	8	-2.890E+00	-2.177E+00	-3.082E+00	-7.555E+01	-6.913E+03	-1.702E+03	5.688E-01	-5.636E+00	2.299E+00	3.247E+02	-7.313E+03	-2.310E-01
263	2	9	1.874E+00	-5.637E+00	8.013E-01	-9.499E+02	-5.559E+03	-2.379E+03	1.959E+00	-5.722E+00	1.051E-01	5.744E+01	-6.566E+03	-4.006E-01
263	2	10	1.871E+00	-5.647E+00	7.964E-01	-9.490E+02	-5.556E+03	-2.378E+03	1.955E+00	-5.730E+00	1.044E-01	5.795E+01	-6.563E+03	-4.006E-01
263	2	11	4.449E-03	-5.976E+00	-1.393E+00	-4.804E+02	-5.495E+03	-2.047E+03	3.131E-01	-6.285E+00	-2.180E-01	2.489E+02	-6.224E+03	-3.423E-01
263	2	12	1.737E-03	-5.986E+00	-1.398E+00	-4.795E+02	-5.492E+03	-2.046E+03	3.121E-01	-6.296E+00	-2.185E-01	2.494E+02	-6.221E+03	-3.423E-01
263	2	13	1.848E+00	-5.598E+00	7.925E-01	-9.486E+02	-5.574E+03	-2.375E+03	1.932E+00	-5.682E+00	1.049E-01	5.374E+01	-6.577E+03	-3.993E-01
263	2	14	1.846E+00	-5.608E+00	7.876E-01	-9.477E+02	-5.572E+03	-2.374E+03	1.928E+00	-5.690E+00	1.041E-01	5.425E+01	-6.573E+03	-3.993E-01
263	2	15	-2.136E-02	-5.937E+00	-1.402E+00	-4.790E+02	-5.510E+03	-2.043E+03	2.941E-01	-6.253E+00	-2.213E-01	2.462E+02	-6.235E+03	-3.411E-01
263	2	16	-2.407E-02	-5.947E+00	-1.407E+00	-4.781E+02	-5.507E+03	-2.042E+03	2.931E-01	-6.264E+00	-2.218E-01	2.467E+02	-6.232E+03	-3.411E-01
263	3	1	-1.232E+00	-7.727E-01	-7.253E-01	-4.076E+03	-2.630E+03	-1.457E+03	-2.417E-01	-1.763E+00	2.203E+00	-1.727E+03	-4.979E+03	2.126E+00
263	3	2	-1.236E+00	-7.769E-01	-7.287E-01	-4.075E+03	-2.628E+03	-1.456E+03	-2.426E-01	-1.771E+00	2.204E+00	-1.726E+03	-4.977E+03	2.126E+00
263	3	3	-4.071E+00	-4.952E-01	-1.854E+00	-3.582E+03	-2.263E+03	-1.409E+03	2.924E-01	-4.858E+00	1.973E+00	-1.367E+03	-4.478E+03	2.137E+00
263	3	4	-4.075E+00	-4.994E-01	-1.857E+00	-3.582E+03	-2.261E+03	-1.408E+03	2.907E-01	-4.865E+00	1.973E+00	-1.366E+03	-4.477E+03	2.137E+00
263	3	5	-1.267E+00	-7.484E-01	-7.246E-01	-4.074E+03	-2.636E+03	-1.458E+03	-2.380E-01	-1.777E+00	2.184E+00	-1.729E+03	-4.981E+03	2.127E+00
263	3	6	-1.271E+00	-7.526E-01	-7.280E-01	-4.073E+03	-2.634E+03	-1.457E+03	-2.389E-01	-1.784E+00	2.185E+00	-1.729E+03	-4.979E+03	2.127E+00
263	3	7	-4.105E+00	-4.708E-01	-1.853E+00	-3.580E+03	-2.269E+03	-1.411E+03	3.074E-01	-4.883E+00	1.968E+00	-1.369E+03	-4.480E+03	2.139E+00
263	3	8	-4.109E+00	-4.750E-01	-1.856E+00	-3.580E+03	-2.267E+03	-1.409E+03	3.056E-01	-4.890E+00	1.969E+00	-1.369E+03	-4.478E+03	2.138E+00
263	3	9	2.709E+00	-3.124E+00	1.706E-03	-4.558E+03	-2.061E+03	-1.177E+03	2.709E+00	-3.124E+00	2.924E-04	-1.593E+03	-5.025E+03	1.949E+00
263	3	10	2.705E+00	-3.128E+00	-1.707E-03	-4.557E+03	-2.059E+03	-1.176E+03	2.705E+00	-3.128E+00	-2.926E-04	-1.592E+03	-5.024E+03	1.948E+00

263	3	11	-1.297E-01	-2.846E+00	-1.127E+00	-4.064E+03	-1.694E+03	-1.130E+03	2.768E-01	-3.253E+00	-3.463E-01	-1.242E+03	-4.516E+03	1.952E+00
263	3	12	-1.338E-01	-2.850E+00	-1.130E+00	-4.064E+03	-1.692E+03	-1.129E+03	2.749E-01	-3.259E+00	-3.470E-01	-1.241E+03	-4.515E+03	1.951E+00
263	3	13	2.674E+00	-3.099E+00	2.386E-03	-4.556E+03	-2.067E+03	-1.179E+03	2.674E+00	-3.099E+00	4.132E-04	-1.597E+03	-5.025E+03	1.950E+00
263	3	14	2.670E+00	-3.104E+00	-1.026E-03	-4.555E+03	-2.065E+03	-1.178E+03	2.670E+00	-3.104E+00	-1.778E-04	-1.596E+03	-5.024E+03	1.950E+00
263	3	15	-1.642E-01	-2.822E+00	-1.126E+00	-4.062E+03	-1.700E+03	-1.131E+03	2.488E-01	-3.235E+00	-3.515E-01	-1.246E+03	-4.517E+03	1.953E+00
263	3	16	-1.683E-01	-2.826E+00	-1.130E+00	-4.062E+03	-1.698E+03	-1.130E+03	2.469E-01	-3.241E+00	-3.522E-01	-1.245E+03	-4.515E+03	1.952E+00
263	4	1	-9.907E-01	2.387E-01	-1.676E-01	-8.141E+03	-7.448E+03	5.207E+02	2.612E-01	-1.013E+00	1.704E+00	-7.169E+03	-8.420E+03	1.079E+00
263	4	2	-9.935E-01	2.387E-01	-1.695E-01	-8.141E+03	-7.447E+03	5.215E+02	2.616E-01	-1.016E+00	1.705E+00	-7.168E+03	-8.421E+03	1.079E+00
263	4	3	-2.860E+00	3.091E-01	-2.302E-01	-7.924E+03	-7.420E+03	5.361E+02	3.257E-01	-2.877E+00	1.643E+00	-7.079E+03	-8.264E+03	1.005E+00
263	4	4	-2.863E+00	3.090E-01	-2.321E-01	-7.924E+03	-7.419E+03	5.369E+02	3.259E-01	-2.880E+00	1.643E+00	-7.078E+03	-8.265E+03	1.005E+00
263	4	5	-1.017E+00	2.412E-01	-1.574E-01	-8.141E+03	-7.454E+03	5.213E+02	2.606E-01	-1.036E+00	1.693E+00	-7.173E+03	-8.422E+03	1.077E+00
263	4	6	-1.019E+00	2.411E-01	-1.593E-01	-8.141E+03	-7.454E+03	5.221E+02	2.609E-01	-1.039E+00	1.695E+00	-7.172E+03	-8.422E+03	1.076E+00
263	4	7	-2.886E+00	3.115E-01	-2.200E-01	-7.924E+03	-7.426E+03	5.367E+02	3.265E-01	-2.901E+00	1.639E+00	-7.083E+03	-8.266E+03	1.002E+00
263	4	8	-2.889E+00	3.114E-01	-2.219E-01	-7.924E+03	-7.426E+03	5.375E+02	3.267E-01	-2.904E+00	1.640E+00	-7.082E+03	-8.267E+03	1.002E+00
263	4	9	1.877E+00	-2.372E-02	-1.209E+00	-7.952E+03	-6.986E+03	6.673E+02	2.464E+00	-6.110E-01	-4.523E-01	-6.645E+03	-8.293E+03	1.099E+00
263	4	10	1.874E+00	-2.379E-02	-1.211E+00	-7.952E+03	-6.986E+03	6.681E+02	2.463E+00	-6.131E-01	-4.530E-01	-6.645E+03	-8.293E+03	1.098E+00
263	4	11	7.061E-03	4.659E-02	-1.271E+00	-7.735E+03	-6.958E+03	6.827E+02	1.298E+00	-1.245E+00	2.348E+00	-6.561E+03	-8.132E+03	1.044E+00
263	4	12	4.353E-03	4.653E-02	-1.273E+00	-7.735E+03	-6.958E+03	6.835E+02	1.299E+00	-1.248E+00	2.348E+00	-6.560E+03	-8.132E+03	1.044E+00
263	4	13	1.851E+00	-2.130E-02	-1.199E+00	-7.952E+03	-6.992E+03	6.679E+02	2.435E+00	-6.060E-01	-4.539E-01	-6.650E+03	-8.295E+03	1.097E+00
263	4	14	1.848E+00	-2.137E-02	-1.200E+00	-7.952E+03	-6.992E+03	6.686E+02	2.435E+00	-6.081E-01	-4.546E-01	-6.649E+03	-8.295E+03	1.097E+00
263	4	15	-1.876E-02	4.902E-02	-1.261E+00	-7.735E+03	-6.964E+03	6.833E+02	1.277E+00	-1.246E+00	2.343E+00	-6.565E+03	-8.134E+03	1.042E+00
263	4	16	-2.147E-02	4.895E-02	-1.263E+00	-7.735E+03	-6.964E+03	6.841E+02	1.277E+00	-1.250E+00	2.342E+00	-6.564E+03	-8.135E+03	1.042E+00
264	1	1	-9.586E-02	-1.337E+00	-1.741E-01	2.004E+03	-1.254E+04	-1.983E+02	-7.189E-02	-1.361E+00	-1.368E-01	2.007E+03	-1.254E+04	-1.363E-02
264	1	2	-9.651E-02	-1.344E+00	-1.748E-01	2.004E+03	-1.254E+04	-1.978E+02	-7.247E-02	-1.368E+00	-1.367E-01	2.007E+03	-1.254E+04	-1.360E-02
264	1	3	-3.988E-01	-1.075E+00	-1.521E+00	2.042E+03	-1.194E+04	-6.751E+01	8.211E-01	-2.295E+00	-6.761E-01	2.042E+03	-1.194E+04	-4.828E-03
264	1	4	-3.995E-01	-1.081E+00	-1.521E+00	2.042E+03	-1.194E+04	-6.695E+01	8.188E-01	-2.300E+00	-6.752E-01	2.042E+03	-1.194E+04	-4.788E-03
264	1	5	-9.736E-02	-1.308E+00	-1.833E-01	2.002E+03	-1.254E+04	-1.967E+02	-7.023E-02	-1.335E+00	-1.470E-01	2.005E+03	-1.255E+04	-1.352E-02
264	1	6	-9.801E-02	-1.315E+00	-1.839E-01	2.003E+03	-1.254E+04	-1.961E+02	-7.081E-02	-1.342E+00	-1.468E-01	2.005E+03	-1.254E+04	-1.348E-02
264	1	7	-4.003E-01	-1.046E+00	-1.530E+00	2.040E+03	-1.195E+04	-6.585E+01	8.406E-01	-2.286E+00	-6.815E-01	2.040E+03	-1.195E+04	-4.707E-03
264	1	8	-4.010E-01	-1.052E+00	-1.531E+00	2.041E+03	-1.195E+04	-6.529E+01	8.381E-01	-2.291E+00	-6.806E-01	2.041E+03	-1.195E+04	-4.668E-03
264	1	9	1.852E-01	-4.302E+00	1.275E+00	2.155E+03	-1.177E+04	-3.537E+02	5.220E-01	-4.639E+00	2.583E-01	2.164E+03	-1.178E+04	-2.537E-02
264	1	10	1.846E-01	-4.309E+00	1.274E+00	2.156E+03	-1.177E+04	-3.531E+02	5.207E-01	-4.645E+00	2.579E-01	2.165E+03	-1.178E+04	-2.534E-02
264	1	11	-1.178E-01	-4.040E+00	-7.193E-02	2.193E+03	-1.118E+04	-2.229E+02	-1.165E-01	-4.041E+00	-1.833E-02	2.197E+03	-1.118E+04	-1.666E-02
264	1	12	-1.184E-01	-4.046E+00	-7.261E-02	2.193E+03	-1.117E+04	-2.223E+02	-1.171E-01	-4.048E+00	-1.848E-02	2.197E+03	-1.118E+04	-1.662E-02
264	1	13	1.837E-01	-4.273E+00	1.266E+00	2.154E+03	-1.178E+04	-3.520E+02	5.180E-01	-4.607E+00	2.583E-01	2.162E+03	-1.179E+04	-2.524E-02
264	1	14	1.831E-01	-4.280E+00	1.265E+00	2.154E+03	-1.178E+04	-3.515E+02	5.167E-01	-4.613E+00	2.579E-01	2.163E+03	-1.179E+04	-2.521E-02
264	1	15	-1.193E-01	-4.011E+00	-8.106E-02	2.191E+03	-1.118E+04	-2.212E+02	-1.176E-01	-4.012E+00	-2.082E-02	2.195E+03	-1.119E+04	-1.653E-02
264	1	16	-1.199E-01	-4.017E+00	-8.173E-02	2.192E+03	-1.118E+04	-2.207E+02	-1.182E-01	-4.019E+00	-2.096E-02	2.195E+03	-1.119E+04	-1.649E-02
264	2	1	-1.882E-02	-9.804E-01	4.895E-02	6.087E+02	-6.664E+03	-1.664E+03	-1.633E-02	-9.829E-01	5.073E-02	9.715E+02	-7.027E+03	-2.146E-01
264	2	2	-1.899E-02	-9.855E-01	4.912E-02	6.086E+02	-6.662E+03	-1.664E+03	-1.650E-02	-9.880E-01	5.065E-02	9.711E+02	-7.024E+03	-2.146E-01
264	2	3	4.601E-01	-8.598E-01	-1.106E+00	6.867E+02	-6.501E+03	-1.430E+03	1.088E+00	-1.488E+00	-5.164E-01	9.606E+02	-6.775E+03	-1.893E-01
264	2	4	4.600E-01	-8.649E-01	-1.106E+00	6.865E+02	-6.499E+03	-1.429E+03	1.087E+00	-1.492E+00	-5.156E-01	9.603E+02	-6.772E+03	-1.893E-01
264	2	5	-1.004E-02	-9.680E-01	3.612E-02	6.110E+02	-6.674E+03	-1.662E+03	-8.676E-03	-9.694E-01	3.764E-02	9.721E+02	-7.035E+03	-2.140E-01

264	2	6	-1.021E-02	-9.732E-01	3.630E-02	6.108E+02	-6.672E+03	-1.661E+03	-8.845E-03	-9.745E-01	3.762E-02	9.717E+02	-7.033E+03	-2.140E-01
264	2	7	4.689E-01	-8.474E-01	-1.119E+00	6.889E+02	-6.511E+03	-1.427E+03	1.109E+00	-1.487E+00	-5.196E-01	9.614E+02	-6.783E+03	-1.887E-01
264	2	8	4.687E-01	-8.526E-01	-1.119E+00	6.887E+02	-6.509E+03	-1.426E+03	1.107E+00	-1.491E+00	-5.187E-01	9.611E+02	-6.781E+03	-1.887E-01
264	2	9	-8.813E-01	-2.520E+00	1.635E+00	3.978E+02	-5.724E+03	-1.902E+03	1.283E-01	-3.529E+00	5.531E-01	9.406E+02	-6.267E+03	-2.780E-01
264	2	10	-8.814E-01	-2.525E+00	1.635E+00	3.976E+02	-5.722E+03	-1.901E+03	1.269E-01	-3.533E+00	5.525E-01	9.403E+02	-6.264E+03	-2.780E-01
264	2	11	-4.023E-01	-2.399E+00	4.800E-01	4.757E+02	-5.561E+03	-1.667E+03	-2.929E-01	-2.509E+00	2.240E-01	9.057E+02	-5.990E+03	-2.524E-01
264	2	12	-4.025E-01	-2.404E+00	4.802E-01	4.756E+02	-5.558E+03	-1.667E+03	-2.933E-01	-2.514E+00	2.236E-01	9.053E+02	-5.988E+03	-2.524E-01
264	2	13	-8.725E-01	-2.508E+00	1.622E+00	4.000E+02	-5.734E+03	-1.899E+03	1.266E-01	-3.507E+00	5.520E-01	9.405E+02	-6.274E+03	-2.772E-01
264	2	14	-8.727E-01	-2.513E+00	1.622E+00	3.999E+02	-5.732E+03	-1.899E+03	1.252E-01	-3.511E+00	5.514E-01	9.402E+02	-6.272E+03	-2.772E-01
264	2	15	-3.935E-01	-2.387E+00	4.672E-01	4.780E+02	-5.571E+03	-1.665E+03	-2.895E-01	-2.491E+00	2.191E-01	9.059E+02	-5.999E+03	-2.516E-01
264	2	16	-3.937E-01	-2.392E+00	4.673E-01	4.778E+02	-5.568E+03	-1.664E+03	-2.898E-01	-2.496E+00	2.187E-01	9.055E+02	-5.996E+03	-2.516E-01
264	3	1	3.442E-01	-1.382E+00	1.611E-01	2.209E+03	1.050E+03	-9.458E+02	3.591E-01	-1.397E+00	9.223E-02	2.739E+03	5.206E+02	-5.106E-01
264	3	2	3.456E-01	-1.390E+00	1.616E-01	2.209E+03	1.052E+03	-9.460E+02	3.605E-01	-1.405E+00	9.209E-02	2.739E+03	5.217E+02	-5.110E-01
264	3	3	1.636E+00	-1.506E+00	-1.152E+00	1.834E+03	6.102E+02	-7.365E+02	2.013E+00	-1.883E+00	-3.164E-01	2.179E+03	2.645E+02	-4.388E-01
264	3	4	1.637E+00	-1.514E+00	-1.151E+00	1.833E+03	6.119E+02	-7.366E+02	2.013E+00	-1.889E+00	-3.156E-01	2.179E+03	2.658E+02	-4.393E-01
264	3	5	3.543E-01	-1.356E+00	1.420E-01	2.204E+03	1.033E+03	-9.413E+02	3.660E-01	-1.368E+00	8.227E-02	2.727E+03	5.098E+02	-5.071E-01
264	3	6	3.557E-01	-1.363E+00	1.426E-01	2.204E+03	1.034E+03	-9.414E+02	3.674E-01	-1.375E+00	8.219E-02	2.727E+03	5.109E+02	-5.075E-01
264	3	7	1.646E+00	-1.480E+00	-1.171E+00	1.828E+03	5.926E+02	-7.319E+02	2.036E+00	-1.870E+00	-3.215E-01	2.168E+03	2.526E+02	-4.348E-01
264	3	8	1.647E+00	-1.487E+00	-1.170E+00	1.828E+03	5.943E+02	-7.320E+02	2.036E+00	-1.876E+00	-3.207E-01	2.168E+03	2.538E+02	-4.353E-01
264	3	9	-1.025E+00	-4.070E+00	2.275E+00	2.737E+03	2.694E+03	-1.371E+03	1.901E-01	-5.285E+00	4.906E-01	4.087E+03	1.344E+03	-7.776E-01
264	3	10	-1.024E+00	-4.077E+00	2.276E+00	2.737E+03	2.696E+03	-1.372E+03	1.901E-01	-5.291E+00	4.900E-01	4.088E+03	1.345E+03	-7.780E-01
264	3	11	2.661E-01	-4.194E+00	9.623E-01	2.361E+03	2.254E+03	-1.162E+03	4.649E-01	-4.392E+00	2.037E-01	3.471E+03	1.145E+03	-7.624E-01
264	3	12	2.676E-01	-4.201E+00	9.628E-01	2.361E+03	2.256E+03	-1.162E+03	4.662E-01	-4.400E+00	2.034E-01	3.472E+03	1.145E+03	-7.628E-01
264	3	13	-1.015E+00	-4.044E+00	2.256E+00	2.732E+03	2.677E+03	-1.367E+03	1.879E-01	-5.247E+00	4.899E-01	4.071E+03	1.337E+03	-7.753E-01
264	3	14	-1.014E+00	-4.051E+00	2.257E+00	2.731E+03	2.678E+03	-1.367E+03	1.879E-01	-5.252E+00	4.892E-01	4.072E+03	1.338E+03	-7.757E-01
264	3	15	2.762E-01	-4.167E+00	9.432E-01	2.356E+03	2.237E+03	-1.157E+03	4.681E-01	-4.359E+00	2.007E-01	3.455E+03	1.137E+03	-7.596E-01
264	3	16	2.776E-01	-4.175E+00	9.438E-01	2.356E+03	2.238E+03	-1.158E+03	4.694E-01	-4.367E+00	2.005E-01	3.456E+03	1.138E+03	-7.601E-01
264	4	1	3.478E-01	-1.737E+00	-4.286E-02	4.027E+03	-5.059E+03	-1.030E+03	3.487E-01	-1.738E+00	-2.055E-02	4.142E+03	-5.174E+03	-1.115E-01
264	4	2	3.487E-01	-1.746E+00	-4.314E-02	4.027E+03	-5.056E+03	-1.029E+03	3.496E-01	-1.747E+00	-2.058E-02	4.142E+03	-5.171E+03	-1.114E-01
264	4	3	8.571E-01	-1.720E+00	-1.547E+00	3.628E+03	-5.080E+03	-6.358E+02	1.582E+00	-2.445E+00	-4.382E-01	3.674E+03	-5.126E+03	-7.250E-02
264	4	4	8.581E-01	-1.729E+00	-1.548E+00	3.628E+03	-5.077E+03	-6.347E+02	1.582E+00	-2.452E+00	-4.373E-01	3.674E+03	-5.123E+03	-7.241E-02
264	4	5	3.476E-01	-1.694E+00	-5.822E-02	4.020E+03	-5.075E+03	-1.026E+03	3.492E-01	-1.696E+00	-2.848E-02	4.134E+03	-5.189E+03	-1.109E-01
264	4	6	3.485E-01	-1.703E+00	-5.850E-02	4.020E+03	-5.072E+03	-1.025E+03	3.502E-01	-1.705E+00	-2.848E-02	4.134E+03	-5.186E+03	-1.109E-01
264	4	7	8.569E-01	-1.677E+00	-1.563E+00	3.621E+03	-5.096E+03	-6.318E+02	1.602E+00	-2.422E+00	-4.448E-01	3.666E+03	-5.141E+03	-7.198E-02
264	4	8	8.579E-01	-1.686E+00	-1.563E+00	3.621E+03	-5.093E+03	-6.307E+02	1.601E+00	-2.429E+00	-4.439E-01	3.666E+03	-5.138E+03	-7.189E-02
264	4	9	-3.932E-02	-5.853E+00	1.896E+00	4.691E+03	-3.592E+03	-1.432E+03	5.242E-01	-6.416E+00	2.889E-01	4.932E+03	-3.832E+03	-1.664E-01
264	4	10	-3.837E-02	-5.862E+00	1.895E+00	4.691E+03	-3.589E+03	-1.431E+03	5.242E-01	-6.424E+00	2.885E-01	4.932E+03	-3.829E+03	-1.664E-01
264	4	11	4.701E-01	-5.835E+00	3.912E-01	4.292E+03	-3.613E+03	-1.038E+03	4.942E-01	-5.859E+00	6.173E-02	4.426E+03	-3.746E+03	-1.284E-01
264	4	12	4.710E-01	-5.844E+00	3.909E-01	4.292E+03	-3.610E+03	-1.037E+03	4.951E-01	-5.868E+00	6.159E-02	4.426E+03	-3.744E+03	-1.283E-01
264	4	13	-3.952E-02	-5.810E+00	1.880E+00	4.684E+03	-3.608E+03	-1.428E+03	5.191E-01	-6.369E+00	2.888E-01	4.923E+03	-3.846E+03	-1.658E-01
264	4	14	-3.858E-02	-5.819E+00	1.880E+00	4.684E+03	-3.605E+03	-1.427E+03	5.191E-01	-6.377E+00	2.884E-01	4.923E+03	-3.843E+03	-1.658E-01
264	4	15	4.699E-01	-5.793E+00	3.758E-01	4.285E+03	-3.628E+03	-1.034E+03	4.923E-01	-5.815E+00	5.973E-02	4.418E+03	-3.761E+03	-1.278E-01
264	4	16	4.708E-01	-5.801E+00	3.756E-01	4.285E+03	-3.626E+03	-1.033E+03	4.932E-01	-5.824E+00	5.959E-02	4.418E+03	-3.758E+03	-1.277E-01

265	1	1	-3.802E-01	1.488E-02	-4.262E-01	2.683E+03	2.259E+03	1.485E+03	2.871E-01	-6.524E-01	2.139E+00	3.970E+03	9.710E+02	7.145E-01
265	1	2	-3.807E-01	1.589E-02	-4.238E-01	2.683E+03	2.259E+03	1.484E+03	2.855E-01	-6.503E-01	2.137E+00	3.971E+03	9.716E+02	7.145E-01
265	1	3	3.941E-01	-3.450E-01	-9.411E-01	2.430E+03	2.022E+03	1.327E+03	1.036E+00	-9.865E-01	-5.983E-01	3.569E+03	8.834E+02	7.092E-01
265	1	4	3.937E-01	-3.440E-01	-9.387E-01	2.430E+03	2.023E+03	1.327E+03	1.033E+00	-9.838E-01	-5.982E-01	3.569E+03	8.840E+02	7.092E-01
265	1	5	-3.807E-01	1.730E-02	-4.160E-01	2.682E+03	2.259E+03	1.481E+03	2.794E-01	-6.429E-01	2.133E+00	3.966E+03	9.747E+02	7.144E-01
265	1	6	-3.812E-01	1.832E-02	-4.136E-01	2.683E+03	2.259E+03	1.481E+03	2.779E-01	-6.408E-01	2.131E+00	3.967E+03	9.753E+02	7.144E-01
265	1	7	3.936E-01	-3.426E-01	-9.309E-01	2.430E+03	2.023E+03	1.324E+03	1.027E+00	-9.755E-01	-5.971E-01	3.565E+03	8.871E+02	7.091E-01
265	1	8	3.932E-01	-3.416E-01	-9.285E-01	2.430E+03	2.023E+03	1.323E+03	1.024E+00	-9.728E-01	-5.970E-01	3.565E+03	8.877E+02	7.091E-01
265	1	9	9.021E-01	-5.437E-01	-1.272E+00	3.131E+03	2.706E+03	1.932E+03	1.642E+00	-1.284E+00	-5.270E-01	4.862E+03	9.748E+02	7.307E-01
265	1	10	9.017E-01	-5.427E-01	-1.269E+00	3.131E+03	2.706E+03	1.932E+03	1.640E+00	-1.281E+00	-5.268E-01	4.862E+03	9.754E+02	7.307E-01
265	1	11	1.676E+00	-9.036E-01	-1.787E+00	2.878E+03	2.470E+03	1.775E+03	2.590E+00	-1.817E+00	-4.727E-01	4.460E+03	8.876E+02	7.281E-01
265	1	12	1.676E+00	-9.025E-01	-1.784E+00	2.878E+03	2.470E+03	1.774E+03	2.588E+00	-1.815E+00	-4.725E-01	4.460E+03	8.882E+02	7.281E-01
265	1	13	9.016E-01	-5.412E-01	-1.262E+00	3.130E+03	2.706E+03	1.928E+03	1.633E+00	-1.273E+00	-5.257E-01	4.858E+03	9.785E+02	7.306E-01
265	1	14	9.012E-01	-5.402E-01	-1.259E+00	3.131E+03	2.706E+03	1.928E+03	1.631E+00	-1.270E+00	-5.255E-01	4.858E+03	9.791E+02	7.306E-01
265	1	15	1.676E+00	-9.011E-01	-1.776E+00	2.878E+03	2.470E+03	1.771E+03	2.582E+00	-1.807E+00	-4.716E-01	4.456E+03	8.913E+02	7.280E-01
265	1	16	1.676E+00	-9.001E-01	-1.774E+00	2.878E+03	2.470E+03	1.770E+03	2.580E+00	-1.805E+00	-4.715E-01	4.456E+03	8.919E+02	7.281E-01
265	2	1	-2.960E-01	3.854E-01	-2.773E-01	3.915E+03	1.546E+03	8.129E+02	4.840E-01	-3.945E-01	1.912E+00	4.167E+03	1.294E+03	3.008E-01
265	2	2	-2.944E-01	3.842E-01	-2.752E-01	3.916E+03	1.547E+03	8.134E+02	4.818E-01	-3.920E-01	1.912E+00	4.168E+03	1.295E+03	3.009E-01
265	2	3	-3.346E-01	5.612E-01	-8.276E-01	3.702E+03	1.501E+03	8.132E+02	1.054E+00	-8.277E-01	2.108E+00	3.970E+03	1.233E+03	3.182E-01
265	2	4	-3.331E-01	5.600E-01	-8.255E-01	3.703E+03	1.502E+03	8.137E+02	1.052E+00	-8.250E-01	2.108E+00	3.971E+03	1.234E+03	3.183E-01
265	2	5	-2.893E-01	3.771E-01	-2.693E-01	3.919E+03	1.551E+03	8.147E+02	4.723E-01	-3.845E-01	1.911E+00	4.172E+03	1.298E+03	3.013E-01
265	2	6	-2.878E-01	3.759E-01	-2.672E-01	3.920E+03	1.552E+03	8.152E+02	4.701E-01	-3.820E-01	1.910E+00	4.174E+03	1.298E+03	3.015E-01
265	2	7	-3.279E-01	5.530E-01	-8.196E-01	3.706E+03	1.506E+03	8.150E+02	1.043E+00	-8.179E-01	2.110E+00	3.975E+03	1.237E+03	3.188E-01
265	2	8	-3.264E-01	5.518E-01	-8.175E-01	3.708E+03	1.507E+03	8.155E+02	1.041E+00	-8.153E-01	2.110E+00	3.977E+03	1.237E+03	3.189E-01
265	2	9	-6.416E-01	8.587E-01	-1.142E+00	3.526E+03	1.318E+03	7.222E+02	1.475E+00	-1.258E+00	2.066E+00	3.741E+03	1.103E+03	2.897E-01
265	2	10	-6.400E-01	8.575E-01	-1.140E+00	3.527E+03	1.319E+03	7.228E+02	1.473E+00	-1.255E+00	2.066E+00	3.743E+03	1.104E+03	2.898E-01
265	2	11	-6.802E-01	1.035E+00	-1.693E+00	3.313E+03	1.273E+03	7.225E+02	2.074E+00	-1.720E+00	2.122E+00	3.543E+03	1.043E+03	3.081E-01
265	2	12	-6.787E-01	1.033E+00	-1.690E+00	3.315E+03	1.274E+03	7.231E+02	2.072E+00	-1.717E+00	2.122E+00	3.545E+03	1.044E+03	3.083E-01
265	2	13	-6.349E-01	8.504E-01	-1.134E+00	3.531E+03	1.323E+03	7.241E+02	1.464E+00	-1.248E+00	2.066E+00	3.747E+03	1.107E+03	2.903E-01
265	2	14	-6.334E-01	8.492E-01	-1.132E+00	3.532E+03	1.324E+03	7.246E+02	1.461E+00	-1.245E+00	2.066E+00	3.748E+03	1.107E+03	2.904E-01
265	2	15	-6.735E-01	1.026E+00	-1.685E+00	3.318E+03	1.278E+03	7.244E+02	2.063E+00	-1.710E+00	2.123E+00	3.549E+03	1.047E+03	3.087E-01
265	2	16	-6.720E-01	1.025E+00	-1.682E+00	3.319E+03	1.279E+03	7.249E+02	2.061E+00	-1.708E+00	2.123E+00	3.551E+03	1.047E+03	3.089E-01
265	3	1	-2.457E-01	-3.271E-02	-1.358E-01	1.904E+03	4.889E+02	1.152E+03	3.337E-02	-3.118E-01	2.024E+00	2.548E+03	-1.552E+02	5.100E-01
265	3	2	-2.433E-01	-3.239E-02	-1.347E-01	1.905E+03	4.891E+02	1.152E+03	3.319E-02	-3.089E-01	2.024E+00	2.549E+03	-1.551E+02	5.099E-01
265	3	3	-8.817E-01	-5.096E-02	-4.124E-01	1.846E+03	5.198E+02	1.101E+03	1.190E-01	-1.052E+00	1.962E+00	2.468E+03	-1.027E+02	5.145E-01
265	3	4	-8.793E-01	-5.064E-02	-4.112E-01	1.847E+03	5.200E+02	1.102E+03	1.188E-01	-1.049E+00	1.962E+00	2.469E+03	-1.026E+02	5.144E-01
265	3	5	-2.376E-01	-3.236E-02	-1.319E-01	1.908E+03	4.904E+02	1.152E+03	3.213E-02	-3.021E-01	2.026E+00	2.552E+03	-1.537E+02	5.097E-01
265	3	6	-2.352E-01	-3.204E-02	-1.308E-01	1.908E+03	4.905E+02	1.152E+03	3.195E-02	-2.992E-01	2.026E+00	2.553E+03	-1.536E+02	5.097E-01
265	3	7	-8.736E-01	-5.061E-02	-4.085E-01	1.849E+03	5.213E+02	1.102E+03	1.177E-01	-1.042E+00	1.962E+00	2.472E+03	-1.012E+02	5.142E-01
265	3	8	-8.712E-01	-5.029E-02	-4.073E-01	1.850E+03	5.214E+02	1.102E+03	1.175E-01	-1.039E+00	1.962E+00	2.473E+03	-1.011E+02	5.141E-01
265	3	9	-1.248E+00	-7.883E-03	-5.636E-01	1.722E+03	3.810E+02	1.065E+03	2.100E-01	-1.466E+00	1.940E+00	2.309E+03	-2.068E+02	5.044E-01
265	3	10	-1.245E+00	-7.564E-03	-5.624E-01	1.722E+03	3.811E+02	1.065E+03	2.098E-01	-1.463E+00	1.940E+00	2.310E+03	-2.067E+02	5.044E-01
265	3	11	-1.884E+00	-2.613E-02	-8.401E-01	1.663E+03	4.119E+02	1.014E+03	2.975E-01	-2.207E+00	1.938E+00	2.229E+03	-1.542E+02	5.090E-01

265	3	12	-1.881E+00	-2.581E-02	-8.390E-01	1.664E+03	4.120E+02	1.015E+03	2.973E-01	-2.204E+00	1.938E+00	2.230E+03	-1.540E+02	5.089E-01
265	3	13	-1.240E+00	-7.537E-03	-5.597E-01	1.725E+03	3.824E+02	1.065E+03	2.087E-01	-1.456E+00	1.940E+00	2.313E+03	-2.053E+02	5.042E-01
265	3	14	-1.237E+00	-7.217E-03	-5.585E-01	1.726E+03	3.826E+02	1.065E+03	2.086E-01	-1.453E+00	1.939E+00	2.314E+03	-2.052E+02	5.041E-01
265	3	15	-1.876E+00	-2.578E-02	-8.362E-01	1.667E+03	4.133E+02	1.015E+03	2.962E-01	-2.198E+00	1.938E+00	2.233E+03	-1.526E+02	5.087E-01
265	3	16	-1.873E+00	-2.546E-02	-8.351E-01	1.668E+03	4.135E+02	1.015E+03	2.960E-01	-2.195E+00	1.938E+00	2.234E+03	-1.525E+02	5.087E-01
265	4	1	1.407E-01	-4.516E-01	-2.794E-01	3.423E+02	1.696E+03	1.135E+03	2.517E-01	-5.626E-01	-3.781E-01	2.341E+03	-3.024E+02	1.054E+00
265	4	2	1.411E-01	-4.491E-01	-2.779E-01	3.422E+02	1.696E+03	1.135E+03	2.514E-01	-5.593E-01	-3.777E-01	2.341E+03	-3.027E+02	1.054E+00
265	4	3	3.177E-01	-1.006E+00	-5.205E-01	2.827E+02	1.506E+03	1.049E+03	4.980E-01	-1.186E+00	-3.333E-01	2.109E+03	-3.195E+02	1.050E+00
265	4	4	3.182E-01	-1.003E+00	-5.191E-01	2.825E+02	1.506E+03	1.049E+03	4.977E-01	-1.183E+00	-3.330E-01	2.109E+03	-3.198E+02	1.049E+00
265	4	5	1.417E-01	-4.406E-01	-2.733E-01	3.406E+02	1.693E+03	1.135E+03	2.498E-01	-5.487E-01	-3.769E-01	2.338E+03	-3.043E+02	1.054E+00
265	4	6	1.421E-01	-4.380E-01	-2.718E-01	3.404E+02	1.693E+03	1.135E+03	2.495E-01	-5.455E-01	-3.765E-01	2.338E+03	-3.046E+02	1.054E+00
265	4	7	3.187E-01	-9.946E-01	-5.144E-01	2.809E+02	1.504E+03	1.048E+03	4.962E-01	-1.172E+00	-3.323E-01	2.106E+03	-3.214E+02	1.049E+00
265	4	8	3.191E-01	-9.920E-01	-5.130E-01	2.808E+02	1.503E+03	1.049E+03	4.960E-01	-1.169E+00	-3.320E-01	2.106E+03	-3.217E+02	1.049E+00
265	4	9	-1.747E-01	-1.362E+00	-6.984E-01	5.166E+02	2.142E+03	1.318E+03	1.483E-01	-1.685E+00	-4.332E-01	2.878E+03	-2.194E+02	1.062E+00
265	4	10	-1.743E-01	-1.359E+00	-6.970E-01	5.165E+02	2.142E+03	1.319E+03	1.480E-01	-1.682E+00	-4.331E-01	2.878E+03	-2.197E+02	1.062E+00
265	4	11	2.308E-03	-1.916E+00	-9.396E-01	4.569E+02	1.953E+03	1.232E+03	3.859E-01	-2.299E+00	-3.876E-01	2.646E+03	-2.363E+02	1.058E+00
265	4	12	2.720E-03	-1.913E+00	-9.382E-01	4.568E+02	1.953E+03	1.232E+03	3.856E-01	-2.296E+00	-3.875E-01	2.646E+03	-2.366E+02	1.058E+00
265	4	13	-1.738E-01	-1.351E+00	-6.923E-01	5.149E+02	2.139E+03	1.318E+03	1.464E-01	-1.671E+00	-4.331E-01	2.875E+03	-2.213E+02	1.062E+00
265	4	14	-1.734E-01	-1.348E+00	-6.909E-01	5.147E+02	2.139E+03	1.318E+03	1.461E-01	-1.668E+00	-4.331E-01	2.876E+03	-2.216E+02	1.061E+00
265	4	15	3.268E-03	-1.905E+00	-9.335E-01	4.552E+02	1.950E+03	1.232E+03	3.840E-01	-2.286E+00	-3.873E-01	2.643E+03	-2.382E+02	1.058E+00
265	4	16	3.679E-03	-1.902E+00	-9.321E-01	4.551E+02	1.950E+03	1.232E+03	3.837E-01	-2.282E+00	-3.872E-01	2.643E+03	-2.385E+02	1.058E+00
266	1	1	-1.438E+00	1.351E-03	2.258E-01	-3.737E+03	-7.124E+02	9.769E+02	3.594E-02	-1.472E+00	1.419E+00	-4.243E+02	-4.025E+03	1.284E+00
266	1	2	-1.439E+00	1.057E-03	2.243E-01	-3.736E+03	-7.119E+02	9.780E+02	3.518E-02	-1.473E+00	1.420E+00	-4.232E+02	-4.025E+03	1.284E+00
266	1	3	-3.737E+00	1.291E-01	-2.180E-01	-3.354E+03	-6.011E+02	9.317E+02	1.414E-01	-3.749E+00	1.627E+00	-3.154E+02	-3.639E+03	1.273E+00
266	1	4	-3.738E+00	1.288E-01	-2.195E-01	-3.353E+03	-6.007E+02	9.328E+02	1.412E-01	-3.751E+00	1.627E+00	-3.143E+02	-3.640E+03	1.273E+00
266	1	5	-1.469E+00	8.507E-04	2.088E-01	-3.734E+03	-7.111E+02	9.821E+02	2.993E-02	-1.498E+00	1.432E+00	-4.200E+02	-4.025E+03	1.283E+00
266	1	6	-1.470E+00	5.571E-04	2.073E-01	-3.733E+03	-7.106E+02	9.833E+02	2.922E-02	-1.499E+00	1.433E+00	-4.189E+02	-4.025E+03	1.282E+00
266	1	7	-3.769E+00	1.286E-01	-2.350E-01	-3.351E+03	-5.998E+02	9.369E+02	1.427E-01	-3.783E+00	1.631E+00	-3.110E+02	-3.639E+03	1.272E+00
266	1	8	-3.770E+00	1.283E-01	-2.365E-01	-3.350E+03	-5.994E+02	9.381E+02	1.426E-01	-3.784E+00	1.631E+00	-3.099E+02	-3.640E+03	1.272E+00
266	1	9	2.981E+00	2.229E-01	1.539E+00	-4.268E+03	-8.584E+02	7.253E+02	3.669E+00	-4.647E-01	4.201E-01	-7.105E+02	-4.416E+03	1.370E+00
266	1	10	2.980E+00	2.226E-01	1.538E+00	-4.268E+03	-8.579E+02	7.264E+02	3.667E+00	-4.640E-01	4.200E-01	-7.096E+02	-4.416E+03	1.369E+00
266	1	11	6.819E-01	3.507E-01	1.096E+00	-3.885E+03	-7.471E+02	6.801E+02	1.624E+00	-5.917E-01	7.104E-01	-6.061E+02	-4.026E+03	1.366E+00
266	1	12	6.807E-01	3.504E-01	1.094E+00	-3.885E+03	-7.467E+02	6.812E+02	1.622E+00	-5.909E-01	7.105E-01	-6.051E+02	-4.026E+03	1.366E+00
266	1	13	2.950E+00	2.224E-01	1.522E+00	-4.265E+03	-8.571E+02	7.305E+02	3.630E+00	-4.577E-01	4.202E-01	-7.071E+02	-4.415E+03	1.368E+00
266	1	14	2.948E+00	2.221E-01	1.521E+00	-4.265E+03	-8.566E+02	7.317E+02	3.628E+00	-4.571E-01	4.200E-01	-7.062E+02	-4.415E+03	1.368E+00
266	1	15	6.503E-01	3.502E-01	1.079E+00	-3.882E+03	-7.458E+02	6.853E+02	1.589E+00	-5.887E-01	7.163E-01	-6.026E+02	-4.025E+03	1.365E+00
266	1	16	6.491E-01	3.499E-01	1.077E+00	-3.882E+03	-7.454E+02	6.865E+02	1.587E+00	-5.879E-01	7.164E-01	-6.017E+02	-4.025E+03	1.364E+00
266	2	1	-1.186E+00	-2.336E-01	4.606E-01	-8.465E+03	-1.102E+03	1.146E+02	-4.722E-02	-1.372E+00	1.186E+00	-1.100E+03	-8.467E+03	1.555E+00
266	2	2	-1.186E+00	-2.332E-01	4.598E-01	-8.465E+03	-1.102E+03	1.156E+02	-4.751E-02	-1.372E+00	1.187E+00	-1.100E+03	-8.467E+03	1.555E+00
266	2	3	-3.328E+00	2.841E-02	1.892E-01	-8.186E+03	-1.021E+03	1.309E+02	3.904E-02	-3.339E+00	1.515E+00	-1.019E+03	-8.188E+03	1.553E+00
266	2	4	-3.329E+00	2.884E-02	1.884E-01	-8.185E+03	-1.021E+03	1.320E+02	3.938E-02	-3.339E+00	1.515E+00	-1.018E+03	-8.188E+03	1.552E+00
266	2	5	-1.217E+00	-2.208E-01	4.438E-01	-8.468E+03	-1.105E+03	1.168E+02	-5.173E-02	-1.386E+00	1.207E+00	-1.103E+03	-8.470E+03	1.555E+00
266	2	6	-1.218E+00	-2.204E-01	4.430E-01	-8.468E+03	-1.105E+03	1.179E+02	-5.199E-02	-1.386E+00	1.208E+00	-1.103E+03	-8.470E+03	1.555E+00

266	2	7	-3.360E+00	4.125E-02	1.724E-01	-8.188E+03	-1.024E+03	1.332E+02	4.997E-02	-3.368E+00	1.520E+00	-1.021E+03	-8.191E+03	1.552E+00
266	2	8	-3.360E+00	4.168E-02	1.716E-01	-8.188E+03	-1.023E+03	1.342E+02	5.031E-02	-3.369E+00	1.521E+00	-1.021E+03	-8.191E+03	1.552E+00
266	2	9	3.013E+00	-1.218E+00	1.617E+00	-8.226E+03	-9.150E+02	-3.107E+01	3.560E+00	-1.766E+00	3.264E-01	-9.149E+02	-8.226E+03	1.575E+00
266	2	10	3.012E+00	-1.218E+00	1.616E+00	-8.226E+03	-9.148E+02	-3.002E+01	3.559E+00	-1.765E+00	3.263E-01	-9.147E+02	-8.226E+03	1.575E+00
266	2	11	8.701E-01	-9.564E-01	1.346E+00	-7.946E+03	-8.339E+02	-1.474E+01	1.583E+00	-1.670E+00	4.873E-01	-8.339E+02	-7.946E+03	1.573E+00
266	2	12	8.694E-01	-9.559E-01	1.345E+00	-7.946E+03	-8.337E+02	-1.368E+01	1.582E+00	-1.669E+00	4.873E-01	-8.337E+02	-7.946E+03	1.573E+00
266	2	13	2.981E+00	-1.206E+00	1.600E+00	-8.229E+03	-9.177E+02	-2.882E+01	3.523E+00	-1.747E+00	3.264E-01	-9.175E+02	-8.229E+03	1.575E+00
266	2	14	2.981E+00	-1.205E+00	1.600E+00	-8.229E+03	-9.175E+02	-2.777E+01	3.522E+00	-1.746E+00	3.263E-01	-9.174E+02	-8.229E+03	1.575E+00
266	2	15	8.387E-01	-9.435E-01	1.329E+00	-7.949E+03	-8.366E+02	-1.249E+01	1.548E+00	-1.653E+00	4.901E-01	-8.366E+02	-7.949E+03	1.573E+00
266	2	16	8.380E-01	-9.431E-01	1.328E+00	-7.949E+03	-8.364E+02	-1.144E+01	1.547E+00	-1.652E+00	4.901E-01	-8.364E+02	-7.949E+03	1.572E+00
266	3	1	-9.351E-01	-3.188E-02	2.259E-01	-3.835E+03	-3.037E+02	1.913E+02	2.146E-02	-9.884E-01	1.339E+00	-2.934E+02	-3.846E+03	1.517E+00
266	3	2	-9.352E-01	-3.268E-02	2.244E-01	-3.835E+03	-3.034E+02	1.923E+02	2.003E-02	-9.879E-01	1.340E+00	-2.930E+02	-3.845E+03	1.517E+00
266	3	3	-2.921E+00	-3.737E-02	-2.180E-01	-3.494E+03	-3.282E+02	1.446E+02	-2.099E-02	-2.937E+00	1.646E+00	-3.216E+02	-3.500E+03	1.525E+00
266	3	4	-2.921E+00	-3.818E-02	-2.195E-01	-3.493E+03	-3.279E+02	1.456E+02	-2.157E-02	-2.938E+00	1.646E+00	-3.212E+02	-3.500E+03	1.525E+00
266	3	5	-9.664E-01	-3.251E-02	2.089E-01	-3.833E+03	-3.040E+02	1.942E+02	1.209E-02	-1.011E+00	1.360E+00	-2.934E+02	-3.843E+03	1.516E+00
266	3	6	-9.665E-01	-3.331E-02	2.074E-01	-3.832E+03	-3.037E+02	1.952E+02	1.072E-02	-1.010E+00	1.362E+00	-2.930E+02	-3.843E+03	1.516E+00
266	3	7	-2.952E+00	-3.800E-02	-2.350E-01	-3.491E+03	-3.285E+02	1.475E+02	-1.918E-02	-2.971E+00	1.651E+00	-3.216E+02	-3.498E+03	1.524E+00
266	3	8	-2.952E+00	-3.881E-02	-2.364E-01	-3.490E+03	-3.282E+02	1.485E+02	-1.975E-02	-2.971E+00	1.651E+00	-3.213E+02	-3.497E+03	1.524E+00
266	3	9	3.047E+00	1.455E-02	1.540E+00	-4.266E+03	-2.061E+02	1.116E+01	3.692E+00	-6.302E-01	3.965E-01	-2.060E+02	-4.266E+03	1.568E+00
266	3	10	3.047E+00	1.374E-02	1.538E+00	-4.266E+03	-2.058E+02	1.214E+01	3.691E+00	-6.298E-01	3.962E-01	-2.057E+02	-4.266E+03	1.568E+00
266	3	11	1.061E+00	9.054E-03	1.096E+00	-3.925E+03	-2.305E+02	-3.553E+01	1.751E+00	-6.805E-01	5.616E-01	-2.302E+02	-3.925E+03	1.580E+00
266	3	12	1.061E+00	8.250E-03	1.094E+00	-3.924E+03	-2.302E+02	-3.455E+01	1.749E+00	-6.798E-01	5.612E-01	-2.299E+02	-3.924E+03	1.580E+00
266	3	13	3.016E+00	1.392E-02	1.523E+00	-4.264E+03	-2.064E+02	1.407E+01	3.653E+00	-6.233E-01	3.963E-01	-2.063E+02	-4.264E+03	1.567E+00
266	3	14	3.016E+00	1.311E-02	1.521E+00	-4.263E+03	-2.061E+02	1.505E+01	3.652E+00	-6.229E-01	3.960E-01	-2.060E+02	-4.263E+03	1.567E+00
266	3	15	1.030E+00	8.424E-03	1.079E+00	-3.922E+03	-2.308E+02	-3.262E+01	1.713E+00	-6.746E-01	5.643E-01	-2.306E+02	-3.922E+03	1.580E+00
266	3	16	1.030E+00	7.620E-03	1.077E+00	-3.921E+03	-2.305E+02	-3.163E+01	1.711E+00	-6.738E-01	5.639E-01	-2.303E+02	-3.922E+03	1.579E+00
266	4	1	-1.185E+00	3.940E-01	-2.678E-02	7.422E+02	-3.014E+02	3.362E+02	3.945E-01	-1.186E+00	1.588E+00	8.411E+02	-4.004E+02	2.861E-01
266	4	2	-1.186E+00	3.925E-01	-2.893E-02	7.432E+02	-3.007E+02	3.369E+02	3.930E-01	-1.186E+00	1.589E+00	8.424E+02	-4.000E+02	2.866E-01
266	4	3	-3.328E+00	2.542E-01	-6.430E-01	1.187E+03	-2.633E+02	3.560E+02	3.662E-01	-3.440E+00	1.743E+00	1.270E+03	-3.460E+02	2.282E-01
266	4	4	-3.329E+00	2.527E-01	-6.451E-01	1.188E+03	-2.626E+02	3.567E+02	3.654E-01	-3.441E+00	1.744E+00	1.271E+03	-3.455E+02	2.285E-01
266	4	5	-1.217E+00	3.800E-01	-4.392E-02	7.506E+02	-2.975E+02	3.387E+02	3.812E-01	-1.218E+00	1.598E+00	8.505E+02	-3.975E+02	2.869E-01
266	4	6	-1.217E+00	3.785E-01	-4.606E-02	7.515E+02	-2.968E+02	3.394E+02	3.798E-01	-1.219E+00	1.600E+00	8.518E+02	-3.971E+02	2.873E-01
266	4	7	-3.359E+00	2.403E-01	-6.601E-01	1.196E+03	-2.594E+02	3.586E+02	3.575E-01	-3.477E+00	1.747E+00	1.279E+03	-3.429E+02	2.290E-01
266	4	8	-3.360E+00	2.387E-01	-6.623E-01	1.196E+03	-2.586E+02	3.593E+02	3.568E-01	-3.478E+00	1.747E+00	1.280E+03	-3.425E+02	2.294E-01
266	4	9	3.014E+00	1.265E+00	1.480E+00	-1.576E+02	-5.086E+02	2.367E+02	3.858E+00	4.207E-01	5.185E-01	-3.844E+01	-6.277E+02	4.664E-01
266	4	10	3.013E+00	1.263E+00	1.477E+00	-1.566E+02	-5.079E+02	2.374E+02	3.855E+00	4.212E-01	5.181E-01	-3.697E+01	-6.275E+02	4.669E-01
266	4	11	8.710E-01	1.125E+00	8.634E-01	2.874E+02	-4.704E+02	2.565E+02	1.871E+00	1.254E-01	8.585E-01	3.660E+02	-5.491E+02	2.976E-01
266	4	12	8.704E-01	1.124E+00	8.612E-01	2.883E+02	-4.697E+02	2.572E+02	1.868E+00	1.265E-01	8.584E-01	3.673E+02	-5.488E+02	2.981E-01
266	4	13	2.982E+00	1.251E+00	1.462E+00	-1.492E+02	-5.047E+02	2.393E+02	3.816E+00	4.172E-01	5.182E-01	-2.891E+01	-6.250E+02	4.660E-01
266	4	14	2.982E+00	1.249E+00	1.460E+00	-1.483E+02	-5.039E+02	2.400E+02	3.813E+00	4.177E-01	5.177E-01	-2.744E+01	-6.248E+02	4.665E-01
266	4	15	8.396E-01	1.111E+00	8.462E-01	2.957E+02	-4.665E+02	2.591E+02	1.832E+00	1.183E-01	8.650E-01	3.754E+02	-5.462E+02	2.986E-01
266	4	16	8.389E-01	1.110E+00	8.441E-01	2.967E+02	-4.658E+02	2.598E+02	1.829E+00	1.194E-01	8.649E-01	3.768E+02	-5.459E+02	2.991E-01
267	1	1	-1.070E+00	1.580E-01	-1.548E-01	-3.755E+03	-6.933E+02	-1.079E+03	1.772E-01	-1.089E+00	1.694E+00	-3.510E+02	-4.097E+03	1.878E+00

267	1	2	-1.074E+00	1.586E-01	-1.555E-01	-3.754E+03	-6.935E+02	-1.078E+03	1.779E-01	-1.093E+00	1.694E+00	-3.519E+02	-4.096E+03	1.878E+00
267	1	3	-3.919E+00	3.689E-01	1.972E-01	-3.293E+03	-5.683E+02	-9.502E+02	3.780E-01	-3.928E+00	1.525E+00	-2.697E+02	-3.592E+03	1.875E+00
267	1	4	-3.922E+00	3.695E-01	1.964E-01	-3.293E+03	-5.685E+02	-9.489E+02	3.785E-01	-3.931E+00	1.525E+00	-2.706E+02	-3.591E+03	1.875E+00
267	1	5	-1.108E+00	1.590E-01	-1.401E-01	-3.751E+03	-6.928E+02	-1.080E+03	1.743E-01	-1.124E+00	1.680E+00	-3.496E+02	-4.095E+03	1.878E+00
267	1	6	-1.112E+00	1.596E-01	-1.408E-01	-3.751E+03	-6.930E+02	-1.079E+03	1.750E-01	-1.127E+00	1.680E+00	-3.506E+02	-4.094E+03	1.878E+00
267	1	7	-3.957E+00	3.699E-01	2.119E-01	-3.290E+03	-5.678E+02	-9.513E+02	3.803E-01	-3.967E+00	1.522E+00	-2.683E+02	-3.590E+03	1.876E+00
267	1	8	-3.960E+00	3.705E-01	2.111E-01	-3.290E+03	-5.680E+02	-9.500E+02	3.808E-01	-3.971E+00	1.522E+00	-2.693E+02	-3.589E+03	1.876E+00
267	1	9	3.153E+00	-1.337E-02	-1.524E+00	-4.288E+03	-8.676E+02	-8.196E+02	3.768E+00	-6.277E-01	-3.832E-01	-6.813E+02	-4.474E+03	1.794E+00
267	1	10	3.150E+00	-1.277E-02	-1.525E+00	-4.288E+03	-8.678E+02	-8.182E+02	3.765E+00	-6.282E-01	-3.836E-01	-6.821E+02	-4.473E+03	1.794E+00
267	1	11	3.046E-01	1.975E-01	-1.172E+00	-3.826E+03	-7.426E+02	-6.904E+02	1.424E+00	-9.223E-01	-7.626E-01	-5.951E+02	-3.974E+03	1.781E+00
267	1	12	3.012E-01	1.981E-01	-1.173E+00	-3.826E+03	-7.428E+02	-6.891E+02	1.424E+00	-9.244E-01	-7.634E-01	-5.958E+02	-3.973E+03	1.781E+00
267	1	13	3.115E+00	-1.235E-02	-1.509E+00	-4.285E+03	-8.671E+02	-8.207E+02	3.725E+00	-6.220E-01	-3.838E-01	-6.802E+02	-4.472E+03	1.795E+00
267	1	14	3.112E+00	-1.175E-02	-1.510E+00	-4.284E+03	-8.673E+02	-8.193E+02	3.723E+00	-6.224E-01	-3.843E-01	-6.810E+02	-4.471E+03	1.794E+00
267	1	15	2.667E-01	1.985E-01	-1.157E+00	-3.823E+03	-7.421E+02	-6.915E+02	1.391E+00	-9.254E-01	-7.707E-01	-5.940E+02	-3.971E+03	1.782E+00
267	1	16	2.633E-01	1.991E-01	-1.158E+00	-3.823E+03	-7.423E+02	-6.902E+02	1.390E+00	-9.274E-01	-7.716E-01	-5.948E+02	-3.971E+03	1.781E+00
267	2	1	-8.804E-01	2.966E-01	3.411E-02	7.367E+02	-2.477E+02	-3.955E+02	2.976E-01	-8.814E-01	1.542E+00	8.759E+02	-3.869E+02	-3.384E-01
267	2	2	-8.840E-01	2.980E-01	3.314E-02	7.367E+02	-2.484E+02	-3.948E+02	2.989E-01	-8.849E-01	1.543E+00	8.754E+02	-3.871E+02	-3.378E-01
267	2	3	-3.457E+00	2.896E-01	6.860E-01	1.329E+03	-2.370E+02	-4.050E+02	4.112E-01	-3.578E+00	1.395E+00	1.428E+03	-3.356E+02	-2.386E-01
267	2	4	-3.460E+00	2.909E-01	6.850E-01	1.329E+03	-2.377E+02	-4.043E+02	4.121E-01	-3.581E+00	1.396E+00	1.427E+03	-3.359E+02	-2.382E-01
267	2	5	-9.181E-01	2.865E-01	4.915E-02	7.445E+02	-2.458E+02	-3.957E+02	2.885E-01	-9.201E-01	1.530E+00	8.831E+02	-3.845E+02	-3.371E-01
267	2	6	-9.216E-01	2.879E-01	4.818E-02	7.444E+02	-2.465E+02	-3.950E+02	2.898E-01	-9.235E-01	1.531E+00	8.826E+02	-3.847E+02	-3.365E-01
267	2	7	-3.494E+00	2.794E-01	7.010E-01	1.337E+03	-2.351E+02	-4.052E+02	4.054E-01	-3.620E+00	1.393E+00	1.435E+03	-3.334E+02	-2.380E-01
267	2	8	-3.498E+00	2.808E-01	7.001E-01	1.337E+03	-2.358E+02	-4.045E+02	4.063E-01	-3.623E+00	1.393E+00	1.435E+03	-3.338E+02	-2.375E-01
267	2	9	3.130E+00	1.240E+00	-1.530E+00	-1.930E+02	-4.951E+02	-2.742E+02	3.984E+00	3.865E-01	-5.088E-01	-3.098E+01	-6.571E+02	-5.337E-01
267	2	10	3.127E+00	1.241E+00	-1.531E+00	-1.930E+02	-4.958E+02	-2.735E+02	3.982E+00	3.859E-01	-5.095E-01	-3.181E+01	-6.570E+02	-5.327E-01
267	2	11	5.542E-01	1.233E+00	-8.785E-01	3.996E+02	-4.844E+02	-2.837E+02	1.835E+00	-4.814E-02	2.172E+00	4.828E+02	-5.676E+02	-2.854E-01
267	2	12	5.507E-01	1.234E+00	-8.795E-01	3.995E+02	-4.850E+02	-2.830E+02	1.836E+00	-5.103E-02	2.171E+00	4.823E+02	-5.679E+02	-2.846E-01
267	2	13	3.093E+00	1.230E+00	-1.515E+00	-1.853E+02	-4.932E+02	-2.745E+02	3.940E+00	3.827E-01	-5.099E-01	-2.455E+01	-6.539E+02	-5.298E-01
267	2	14	3.089E+00	1.231E+00	-1.516E+00	-1.853E+02	-4.938E+02	-2.737E+02	3.938E+00	3.820E-01	-5.106E-01	-2.537E+01	-6.538E+02	-5.288E-01
267	2	15	5.166E-01	1.223E+00	-8.635E-01	4.073E+02	-4.824E+02	-2.840E+02	1.803E+00	-6.313E-02	2.162E+00	4.902E+02	-5.654E+02	-2.841E-01
267	2	16	5.130E-01	1.224E+00	-8.644E-01	4.072E+02	-4.831E+02	-2.833E+02	1.803E+00	-6.606E-02	2.161E+00	4.897E+02	-5.656E+02	-2.833E-01
267	3	1	-6.930E-01	3.374E-02	-1.548E-01	-3.823E+03	-2.685E+02	-1.245E+02	6.536E-02	-7.246E-01	1.772E+00	-2.641E+02	-3.828E+03	1.606E+00
267	3	2	-6.967E-01	3.451E-02	-1.556E-01	-3.823E+03	-2.688E+02	-1.234E+02	6.624E-02	-7.285E-01	1.772E+00	-2.646E+02	-3.828E+03	1.605E+00
267	3	3	-2.996E+00	1.280E-02	1.971E-01	-3.426E+03	-3.140E+02	5.770E+00	2.566E-02	-3.009E+00	1.506E+00	-3.140E+02	-3.426E+03	1.569E+00
267	3	4	-3.000E+00	1.357E-02	1.964E-01	-3.426E+03	-3.144E+02	6.935E+00	2.631E-02	-3.013E+00	1.506E+00	-3.144E+02	-3.426E+03	1.569E+00
267	3	5	-7.303E-01	3.450E-02	-1.401E-01	-3.821E+03	-2.698E+02	-1.238E+02	5.938E-02	-7.552E-01	1.746E+00	-2.655E+02	-3.826E+03	1.606E+00
267	3	6	-7.341E-01	3.527E-02	-1.409E-01	-3.821E+03	-2.702E+02	-1.227E+02	6.027E-02	-7.590E-01	1.746E+00	-2.659E+02	-3.826E+03	1.605E+00
267	3	7	-3.034E+00	1.356E-02	2.118E-01	-3.424E+03	-3.154E+02	6.500E+00	2.822E-02	-3.048E+00	1.502E+00	-3.154E+02	-3.425E+03	1.569E+00
267	3	8	-3.037E+00	1.433E-02	2.111E-01	-3.424E+03	-3.157E+02	7.665E+00	2.886E-02	-3.052E+00	1.502E+00	-3.157E+02	-3.425E+03	1.568E+00
267	3	9	3.108E+00	-3.045E-02	-1.525E+00	-4.280E+03	-1.974E+02	-2.605E+02	3.727E+00	-6.490E-01	-3.854E-01	-1.809E+02	-4.297E+03	1.634E+00
267	3	10	3.105E+00	-2.968E-02	-1.525E+00	-4.280E+03	-1.978E+02	-2.594E+02	3.724E+00	-6.494E-01	-3.859E-01	-1.814E+02	-4.297E+03	1.634E+00
267	3	11	8.050E-01	-5.139E-02	-1.173E+00	-3.883E+03	-2.430E+02	-1.302E+02	1.625E+00	-8.715E-01	-6.103E-01	-2.383E+02	-3.888E+03	1.607E+00
267	3	12	8.013E-01	-5.063E-02	-1.173E+00	-3.883E+03	-2.433E+02	-1.291E+02	1.624E+00	-8.729E-01	-6.113E-01	-2.388E+02	-3.888E+03	1.606E+00

267	3	13	3.071E+00	-2.969E-02	-1.510E+00	-4.278E+03	-1.987E+02	-2.598E+02	3.685E+00	-6.434E-01	-3.861E-01	-1.823E+02	-4.295E+03	1.634E+00
267	3	14	3.067E+00	-2.892E-02	-1.511E+00	-4.278E+03	-1.991E+02	-2.586E+02	3.682E+00	-6.438E-01	-3.866E-01	-1.828E+02	-4.295E+03	1.634E+00
267	3	15	7.677E-01	-5.063E-02	-1.158E+00	-3.881E+03	-2.443E+02	-1.295E+02	1.587E+00	-8.695E-01	-6.156E-01	-2.397E+02	-3.886E+03	1.606E+00
267	3	16	7.639E-01	-4.986E-02	-1.159E+00	-3.881E+03	-2.447E+02	-1.283E+02	1.585E+00	-8.709E-01	-6.165E-01	-2.402E+02	-3.886E+03	1.606E+00
267	4	1	-8.807E-01	-1.914E-01	-3.283E-01	-8.464E+03	-1.104E+03	-5.940E+01	-6.007E-02	-1.012E+00	1.951E+00	-1.104E+03	-8.465E+03	1.579E+00
267	4	2	-8.843E-01	-1.914E-01	-3.288E-01	-8.464E+03	-1.104E+03	-5.826E+01	-6.019E-02	-1.015E+00	1.950E+00	-1.104E+03	-8.465E+03	1.579E+00
267	4	3	-3.457E+00	5.613E-03	-2.762E-01	-8.199E+03	-1.001E+03	1.758E+01	2.752E-02	-3.479E+00	1.650E+00	-1.001E+03	-8.199E+03	1.568E+00
267	4	4	-3.460E+00	5.609E-03	-2.768E-01	-8.198E+03	-1.001E+03	1.873E+01	2.757E-02	-3.482E+00	1.650E+00	-1.001E+03	-8.198E+03	1.568E+00
267	4	5	-9.183E-01	-1.795E-01	-3.140E-01	-8.467E+03	-1.107E+03	-5.806E+01	-6.412E-02	-1.034E+00	1.923E+00	-1.107E+03	-8.467E+03	1.579E+00
267	4	6	-9.219E-01	-1.795E-01	-3.145E-01	-8.467E+03	-1.107E+03	-5.692E+01	-6.420E-02	-1.037E+00	1.922E+00	-1.107E+03	-8.467E+03	1.579E+00
267	4	7	-3.494E+00	1.753E-02	-2.619E-01	-8.201E+03	-1.004E+03	1.892E+01	3.695E-02	-3.514E+00	1.645E+00	-1.004E+03	-8.201E+03	1.568E+00
267	4	8	-3.498E+00	1.752E-02	-2.624E-01	-8.201E+03	-1.004E+03	2.007E+01	3.700E-02	-3.517E+00	1.645E+00	-1.004E+03	-8.201E+03	1.568E+00
267	4	9	3.129E+00	-1.197E+00	-1.534E+00	-8.226E+03	-9.183E+02	6.121E+01	3.618E+00	-1.686E+00	-3.083E-01	-9.178E+02	-8.226E+03	1.562E+00
267	4	10	3.126E+00	-1.197E+00	-1.534E+00	-8.226E+03	-9.183E+02	6.236E+01	3.615E+00	-1.687E+00	-3.086E-01	-9.178E+02	-8.226E+03	1.562E+00
267	4	11	5.533E-01	-1.000E+00	-1.482E+00	-7.960E+03	-8.150E+02	1.382E+02	1.449E+00	-1.896E+00	-5.439E-01	-8.124E+02	-7.963E+03	1.551E+00
267	4	12	5.497E-01	-1.000E+00	-1.482E+00	-7.960E+03	-8.150E+02	1.393E+02	1.447E+00	-1.898E+00	-5.445E-01	-8.123E+02	-7.963E+03	1.551E+00
267	4	13	3.092E+00	-1.185E+00	-1.519E+00	-8.228E+03	-9.211E+02	6.255E+01	3.576E+00	-1.670E+00	-3.088E-01	-9.205E+02	-8.229E+03	1.562E+00
267	4	14	3.088E+00	-1.186E+00	-1.520E+00	-8.228E+03	-9.211E+02	6.370E+01	3.573E+00	-1.671E+00	-3.091E-01	-9.205E+02	-8.229E+03	1.562E+00
267	4	15	5.156E-01	-9.885E-01	-1.467E+00	-7.963E+03	-8.178E+02	1.395E+02	1.412E+00	-1.885E+00	-5.486E-01	-8.151E+02	-7.965E+03	1.551E+00
267	4	16	5.121E-01	-9.885E-01	-1.468E+00	-7.962E+03	-8.178E+02	1.407E+02	1.410E+00	-1.887E+00	-5.491E-01	-8.150E+02	-7.965E+03	1.551E+00
268	1	1	5.770E-01	-3.958E-01	1.034E+00	2.834E+03	2.438E+03	-1.560E+03	1.233E+00	-1.052E+00	5.655E-01	4.209E+03	1.064E+03	-7.222E-01
268	1	2	5.792E-01	-3.976E-01	1.037E+00	2.834E+03	2.437E+03	-1.560E+03	1.237E+00	-1.056E+00	5.654E-01	4.208E+03	1.062E+03	-7.222E-01
268	1	3	1.808E+00	-9.250E-01	1.856E+00	2.442E+03	2.068E+03	-1.333E+03	2.746E+00	-1.863E+00	4.681E-01	3.600E+03	9.092E+02	-7.157E-01
268	1	4	1.810E+00	-9.268E-01	1.859E+00	2.441E+03	2.067E+03	-1.333E+03	2.750E+00	-1.867E+00	4.682E-01	3.600E+03	9.081E+02	-7.157E-01
268	1	5	5.828E-01	-3.978E-01	1.032E+00	2.831E+03	2.434E+03	-1.555E+03	1.235E+00	-1.050E+00	5.637E-01	4.201E+03	1.065E+03	-7.219E-01
268	1	6	5.851E-01	-3.996E-01	1.036E+00	2.830E+03	2.433E+03	-1.555E+03	1.240E+00	-1.054E+00	5.635E-01	4.200E+03	1.064E+03	-7.219E-01
268	1	7	1.813E+00	-9.269E-01	1.854E+00	2.439E+03	2.065E+03	-1.328E+03	2.749E+00	-1.862E+00	4.672E-01	3.592E+03	9.107E+02	-7.154E-01
268	1	8	1.816E+00	-9.287E-01	1.858E+00	2.438E+03	2.063E+03	-1.328E+03	2.753E+00	-1.866E+00	4.673E-01	3.592E+03	9.096E+02	-7.154E-01
268	1	9	-4.959E-01	2.410E-02	3.812E-01	3.201E+03	2.782E+03	-2.013E+03	2.255E-01	-6.973E-01	1.085E+00	5.015E+03	9.675E+02	-7.335E-01
268	1	10	-4.937E-01	2.231E-02	3.847E-01	3.200E+03	2.781E+03	-2.013E+03	2.275E-01	-6.989E-01	1.081E+00	5.015E+03	9.664E+02	-7.335E-01
268	1	11	7.346E-01	-5.050E-01	1.203E+00	2.808E+03	2.412E+03	-1.786E+03	1.468E+00	-1.239E+00	5.475E-01	4.407E+03	8.136E+02	-7.301E-01
268	1	12	7.369E-01	-5.068E-01	1.207E+00	2.808E+03	2.411E+03	-1.786E+03	1.472E+00	-1.242E+00	5.475E-01	4.406E+03	8.125E+02	-7.301E-01
268	1	13	-4.901E-01	2.212E-02	3.797E-01	3.198E+03	2.778E+03	-2.008E+03	2.240E-01	-6.920E-01	1.082E+00	5.007E+03	9.690E+02	-7.333E-01
268	1	14	-4.878E-01	2.033E-02	3.832E-01	3.197E+03	2.777E+03	-2.008E+03	2.260E-01	-6.935E-01	1.078E+00	5.007E+03	9.679E+02	-7.333E-01
268	1	15	7.405E-01	-5.070E-01	1.202E+00	2.805E+03	2.408E+03	-1.781E+03	1.471E+00	-1.237E+00	5.460E-01	4.399E+03	8.151E+02	-7.299E-01
268	1	16	7.427E-01	-5.088E-01	1.205E+00	2.804E+03	2.407E+03	-1.781E+03	1.475E+00	-1.241E+00	5.459E-01	4.398E+03	8.140E+02	-7.299E-01
268	2	1	7.155E-02	-1.107E+00	6.000E-01	3.689E+02	1.808E+03	-1.217E+03	3.232E-01	-1.359E+00	3.971E-01	2.502E+03	-3.250E+02	2.089E+00
268	2	2	7.156E-02	-1.111E+00	6.020E-01	3.689E+02	1.808E+03	-1.216E+03	3.240E-01	-1.364E+00	3.971E-01	2.501E+03	-3.247E+02	2.089E+00
268	2	3	3.648E-01	-1.990E+00	9.719E-01	2.833E+02	1.529E+03	-1.076E+03	7.141E-01	-2.339E+00	3.450E-01	2.149E+03	-3.372E+02	2.094E+00
268	2	4	3.648E-01	-1.994E+00	9.738E-01	2.833E+02	1.529E+03	-1.076E+03	7.149E-01	-2.344E+00	3.451E-01	2.149E+03	-3.369E+02	2.094E+00
268	2	5	7.321E-02	-1.106E+00	5.987E-01	3.669E+02	1.803E+03	-1.215E+03	3.239E-01	-1.357E+00	3.966E-01	2.497E+03	-3.261E+02	2.089E+00
268	2	6	7.323E-02	-1.110E+00	6.007E-01	3.669E+02	1.803E+03	-1.214E+03	3.248E-01	-1.361E+00	3.966E-01	2.496E+03	-3.258E+02	2.089E+00
268	2	7	3.665E-01	-1.988E+00	9.706E-01	2.814E+02	1.524E+03	-1.074E+03	7.150E-01	-2.337E+00	3.447E-01	2.144E+03	-3.383E+02	2.094E+00

268	2	8	3.665E-01	-1.992E+00	9.725E-01	2.814E+02	1.524E+03	-1.074E+03	7.158E-01	-2.341E+00	3.448E-01	2.144E+03	-3.381E+02	2.094E+00
268	2	9	-2.206E-01	-4.032E-01	2.609E-01	5.416E+02	2.214E+03	-1.356E+03	-3.547E-02	-5.883E-01	6.171E-01	2.971E+03	-2.152E+02	2.080E+00
268	2	10	-2.206E-01	-4.069E-01	2.628E-01	5.416E+02	2.214E+03	-1.355E+03	-3.487E-02	-5.926E-01	6.150E-01	2.970E+03	-2.149E+02	2.080E+00
268	2	11	7.272E-02	-1.286E+00	6.327E-01	4.560E+02	1.935E+03	-1.215E+03	3.218E-01	-1.535E+00	3.750E-01	2.618E+03	-2.272E+02	2.083E+00
268	2	12	7.274E-02	-1.290E+00	6.347E-01	4.560E+02	1.935E+03	-1.215E+03	3.226E-01	-1.539E+00	3.751E-01	2.618E+03	-2.269E+02	2.083E+00
268	2	13	-2.189E-01	-4.015E-01	2.596E-01	5.397E+02	2.210E+03	-1.354E+03	-3.501E-02	-5.854E-01	6.163E-01	2.966E+03	-2.163E+02	2.080E+00
268	2	14	-2.189E-01	-4.053E-01	2.616E-01	5.397E+02	2.209E+03	-1.354E+03	-3.441E-02	-5.898E-01	6.142E-01	2.965E+03	-2.160E+02	2.080E+00
268	2	15	7.439E-02	-1.284E+00	6.315E-01	4.541E+02	1.931E+03	-1.214E+03	3.226E-01	-1.532E+00	3.745E-01	2.613E+03	-2.283E+02	2.083E+00
268	2	16	7.440E-02	-1.288E+00	6.334E-01	4.541E+02	1.930E+03	-1.213E+03	3.234E-01	-1.537E+00	3.746E-01	2.612E+03	-2.280E+02	2.083E+00
268	3	1	-9.440E-01	-5.100E-02	4.434E-01	1.982E+03	4.957E+02	-1.119E+03	1.317E-01	-1.127E+00	1.180E+00	2.583E+03	-1.045E+02	-4.922E-01
268	3	2	-9.478E-01	-5.132E-02	4.451E-01	1.981E+03	4.956E+02	-1.119E+03	1.321E-01	-1.131E+00	1.180E+00	2.581E+03	-1.045E+02	-4.923E-01
268	3	3	-1.957E+00	-3.654E-02	8.569E-01	1.855E+03	5.386E+02	-1.035E+03	2.902E-01	-2.284E+00	1.207E+00	2.424E+03	-2.986E+01	-5.022E-01
268	3	4	-1.961E+00	-3.686E-02	8.587E-01	1.854E+03	5.385E+02	-1.035E+03	2.906E-01	-2.289E+00	1.206E+00	2.422E+03	-2.987E+01	-5.023E-01
268	3	5	-9.448E-01	-5.136E-02	4.437E-01	1.983E+03	4.968E+02	-1.118E+03	1.316E-01	-1.128E+00	1.180E+00	2.582E+03	-1.029E+02	-4.922E-01
268	3	6	-9.487E-01	-5.167E-02	4.455E-01	1.982E+03	4.967E+02	-1.118E+03	1.320E-01	-1.132E+00	1.180E+00	2.581E+03	-1.029E+02	-4.923E-01
268	3	7	-1.958E+00	-3.690E-02	8.573E-01	1.855E+03	5.397E+02	-1.034E+03	2.900E-01	-2.285E+00	1.207E+00	2.423E+03	-2.828E+01	-5.022E-01
268	3	8	-1.962E+00	-3.722E-02	8.590E-01	1.854E+03	5.396E+02	-1.034E+03	2.904E-01	-2.290E+00	1.206E+00	2.422E+03	-2.829E+01	-5.023E-01
268	3	9	-1.956E-01	-2.503E-02	1.310E-01	1.814E+03	3.789E+02	-1.187E+03	4.604E-02	-2.666E-01	1.074E+00	2.484E+03	-2.903E+02	-5.134E-01
268	3	10	-1.994E-01	-2.535E-02	1.328E-01	1.813E+03	3.788E+02	-1.186E+03	4.638E-02	-2.711E-01	1.075E+00	2.483E+03	-2.903E+02	-5.135E-01
268	3	11	-1.209E+00	-1.058E-02	5.446E-01	1.687E+03	4.219E+02	-1.103E+03	1.999E-01	-1.420E+00	1.202E+00	2.326E+03	-2.169E+02	-5.250E-01
268	3	12	-1.213E+00	-1.089E-02	5.464E-01	1.686E+03	4.218E+02	-1.102E+03	2.003E-01	-1.424E+00	1.202E+00	2.325E+03	-2.169E+02	-5.251E-01
268	3	13	-1.964E-01	-2.539E-02	1.314E-01	1.815E+03	3.801E+02	-1.186E+03	4.588E-02	-2.677E-01	1.074E+00	2.484E+03	-2.887E+02	-5.134E-01
268	3	14	-2.002E-01	-2.571E-02	1.332E-01	1.814E+03	3.800E+02	-1.186E+03	4.623E-02	-2.722E-01	1.075E+00	2.482E+03	-2.887E+02	-5.135E-01
268	3	15	-1.210E+00	-1.093E-02	5.450E-01	1.687E+03	4.230E+02	-1.102E+03	1.998E-01	-1.421E+00	1.202E+00	2.326E+03	-2.153E+02	-5.250E-01
268	3	16	-1.214E+00	-1.125E-02	5.467E-01	1.686E+03	4.229E+02	-1.102E+03	2.002E-01	-1.425E+00	1.202E+00	2.325E+03	-2.153E+02	-5.251E-01
268	4	1	-2.629E-01	3.057E-01	8.869E-01	3.729E+03	1.613E+03	-8.345E+02	9.528E-01	-9.100E-01	9.405E-01	4.018E+03	1.323E+03	-3.340E-01
268	4	2	-2.645E-01	3.073E-01	8.902E-01	3.727E+03	1.612E+03	-8.339E+02	9.564E-01	-9.136E-01	9.408E-01	4.016E+03	1.323E+03	-3.339E-01
268	4	3	-3.392E-01	6.735E-01	1.751E+00	3.357E+03	1.517E+03	-8.590E+02	1.990E+00	-1.655E+00	9.262E-01	3.696E+03	1.178E+03	-3.755E-01
268	4	4	-3.408E-01	6.752E-01	1.754E+00	3.356E+03	1.516E+03	-8.584E+02	1.993E+00	-1.659E+00	9.264E-01	3.694E+03	1.178E+03	-3.754E-01
268	4	5	-2.596E-01	3.017E-01	8.871E-01	3.728E+03	1.615E+03	-8.346E+02	9.515E-01	-9.094E-01	9.386E-01	4.018E+03	1.325E+03	-3.343E-01
268	4	6	-2.612E-01	3.033E-01	8.904E-01	3.726E+03	1.614E+03	-8.340E+02	9.552E-01	-9.130E-01	9.389E-01	4.016E+03	1.324E+03	-3.342E-01
268	4	7	-3.358E-01	6.696E-01	1.751E+00	3.357E+03	1.519E+03	-8.591E+02	1.988E+00	-1.655E+00	9.252E-01	3.696E+03	1.180E+03	-3.759E-01
268	4	8	-3.374E-01	6.712E-01	1.754E+00	3.355E+03	1.518E+03	-8.585E+02	1.992E+00	-1.658E+00	9.254E-01	3.694E+03	1.179E+03	-3.758E-01
268	4	9	-6.465E-01	7.572E-01	2.415E-01	4.006E+03	1.364E+03	-7.572E+02	7.976E-01	-6.869E-01	1.405E+00	4.207E+03	1.163E+03	-2.603E-01
268	4	10	-6.481E-01	7.589E-01	2.448E-01	4.004E+03	1.363E+03	-7.566E+02	8.002E-01	-6.895E-01	1.403E+00	4.205E+03	1.162E+03	-2.602E-01
268	4	11	-7.228E-01	1.125E+00	1.105E+00	3.634E+03	1.268E+03	-7.817E+02	1.642E+00	-1.239E+00	1.134E+00	3.869E+03	1.033E+03	-2.920E-01
268	4	12	-7.243E-01	1.127E+00	1.108E+00	3.632E+03	1.267E+03	-7.811E+02	1.645E+00	-1.243E+00	1.133E+00	3.867E+03	1.033E+03	-2.919E-01
268	4	13	-6.432E-01	7.532E-01	2.417E-01	4.005E+03	1.366E+03	-7.573E+02	7.939E-01	-6.838E-01	1.404E+00	4.207E+03	1.164E+03	-2.605E-01
268	4	14	-6.448E-01	7.549E-01	2.449E-01	4.003E+03	1.365E+03	-7.567E+02	7.965E-01	-6.864E-01	1.402E+00	4.205E+03	1.164E+03	-2.604E-01
268	4	15	-7.194E-01	1.121E+00	1.105E+00	3.634E+03	1.270E+03	-7.818E+02	1.639E+00	-1.237E+00	1.133E+00	3.869E+03	1.035E+03	-2.922E-01
268	4	16	-7.210E-01	1.123E+00	1.109E+00	3.632E+03	1.269E+03	-7.812E+02	1.643E+00	-1.241E+00	1.132E+00	3.867E+03	1.034E+03	-2.921E-01
269	1	1	-1.503E+00	-1.523E-02	-7.663E-01	2.022E+03	4.814E+02	1.259E+03	3.089E-01	-1.827E+00	1.971E+00	2.727E+03	-2.241E+02	5.109E-01
269	1	2	-1.506E+00	-1.543E-02	-7.680E-01	2.022E+03	4.815E+02	1.258E+03	3.094E-01	-1.831E+00	1.971E+00	2.727E+03	-2.239E+02	5.108E-01

269	1	3	-1.414E+00	-4.805E-02	-7.329E-01	2.041E+03	4.864E+02	1.273E+03	2.708E-01	-1.733E+00	1.981E+00	2.756E+03	-2.281E+02	5.114E-01
269	1	4	-1.417E+00	-4.825E-02	-7.346E-01	2.041E+03	4.865E+02	1.273E+03	2.713E-01	-1.737E+00	1.981E+00	2.755E+03	-2.278E+02	5.113E-01
269	1	5	-1.510E+00	-1.449E-02	-7.697E-01	2.021E+03	4.812E+02	1.258E+03	3.109E-01	-1.835E+00	1.971E+00	2.725E+03	-2.236E+02	5.108E-01
269	1	6	-1.513E+00	-1.469E-02	-7.714E-01	2.020E+03	4.813E+02	1.257E+03	3.115E-01	-1.839E+00	1.971E+00	2.725E+03	-2.234E+02	5.108E-01
269	1	7	-1.421E+00	-4.731E-02	-7.363E-01	2.040E+03	4.863E+02	1.272E+03	2.728E-01	-1.741E+00	1.981E+00	2.754E+03	-2.276E+02	5.113E-01
269	1	8	-1.424E+00	-4.751E-02	-7.380E-01	2.040E+03	4.864E+02	1.272E+03	2.734E-01	-1.745E+00	1.981E+00	2.753E+03	-2.273E+02	5.113E-01
269	1	9	-9.318E-01	1.963E-01	-4.729E-01	1.670E+03	3.243E+02	1.144E+03	3.683E-01	-1.104E+00	1.920E+00	2.324E+03	-3.301E+02	5.196E-01
269	1	10	-9.350E-01	1.961E-01	-4.746E-01	1.670E+03	3.244E+02	1.144E+03	3.689E-01	-1.108E+00	1.920E+00	2.324E+03	-3.298E+02	5.195E-01
269	1	11	-8.430E-01	1.635E-01	-4.395E-01	1.689E+03	3.294E+02	1.159E+03	3.284E-01	-1.008E+00	1.930E+00	2.353E+03	-3.340E+02	5.200E-01
269	1	12	-8.461E-01	1.633E-01	-4.412E-01	1.689E+03	3.294E+02	1.158E+03	3.290E-01	-1.012E+00	1.930E+00	2.352E+03	-3.337E+02	5.200E-01
269	1	13	-9.386E-01	1.970E-01	-4.763E-01	1.669E+03	3.242E+02	1.143E+03	3.704E-01	-1.112E+00	1.920E+00	2.323E+03	-3.296E+02	5.195E-01
269	1	14	-9.418E-01	1.968E-01	-4.780E-01	1.669E+03	3.242E+02	1.143E+03	3.709E-01	-1.116E+00	1.920E+00	2.322E+03	-3.293E+02	5.195E-01
269	1	15	-8.498E-01	1.642E-01	-4.430E-01	1.688E+03	3.292E+02	1.158E+03	3.305E-01	-1.016E+00	1.930E+00	2.351E+03	-3.335E+02	5.200E-01
269	1	16	-8.530E-01	1.640E-01	-4.447E-01	1.688E+03	3.293E+02	1.157E+03	3.310E-01	-1.020E+00	1.930E+00	2.351E+03	-3.332E+02	5.200E-01
269	2	1	-4.724E-03	-8.433E-01	-3.895E-01	4.085E+02	1.753E+03	1.134E+03	1.483E-01	-9.963E-01	-3.743E-01	2.399E+03	-2.376E+02	1.053E+00
269	2	2	-5.042E-03	-8.464E-01	-3.909E-01	4.083E+02	1.752E+03	1.134E+03	1.486E-01	-1.000E+00	-3.744E-01	2.398E+03	-2.377E+02	1.053E+00
269	2	3	-2.052E-02	-7.409E-01	-3.568E-01	4.067E+02	1.777E+03	1.144E+03	1.263E-01	-8.877E-01	-3.903E-01	2.425E+03	-2.413E+02	1.055E+00
269	2	4	-2.084E-02	-7.441E-01	-3.582E-01	4.066E+02	1.776E+03	1.143E+03	1.266E-01	-8.915E-01	-3.904E-01	2.424E+03	-2.414E+02	1.055E+00
269	2	5	-5.126E-03	-8.500E-01	-3.926E-01	4.083E+02	1.751E+03	1.133E+03	1.491E-01	-1.004E+00	-3.744E-01	2.397E+03	-2.376E+02	1.053E+00
269	2	6	-5.445E-03	-8.531E-01	-3.940E-01	4.082E+02	1.750E+03	1.133E+03	1.494E-01	-1.008E+00	-3.745E-01	2.396E+03	-2.376E+02	1.053E+00
269	2	7	-2.093E-02	-7.476E-01	-3.599E-01	4.065E+02	1.775E+03	1.143E+03	1.271E-01	-8.956E-01	-3.903E-01	2.423E+03	-2.412E+02	1.055E+00
269	2	8	-2.125E-02	-7.507E-01	-3.613E-01	4.064E+02	1.774E+03	1.143E+03	1.274E-01	-8.994E-01	-3.904E-01	2.422E+03	-2.413E+02	1.055E+00
269	2	9	-3.509E-02	-1.373E+00	-6.103E-01	5.127E+02	1.886E+03	1.068E+03	2.015E-01	-1.609E+00	-3.698E-01	2.469E+03	-7.029E+01	1.071E+00
269	2	10	-3.540E-02	-1.376E+00	-6.117E-01	5.126E+02	1.885E+03	1.068E+03	2.018E-01	-1.613E+00	-3.699E-01	2.468E+03	-7.036E+01	1.071E+00
269	2	11	-5.089E-02	-1.270E+00	-5.776E-01	5.109E+02	1.910E+03	1.077E+03	1.792E-01	-1.501E+00	-3.792E-01	2.495E+03	-7.418E+01	1.073E+00
269	2	12	-5.120E-02	-1.274E+00	-5.790E-01	5.108E+02	1.909E+03	1.077E+03	1.795E-01	-1.504E+00	-3.792E-01	2.494E+03	-7.425E+01	1.073E+00
269	2	13	-3.549E-02	-1.379E+00	-6.134E-01	5.126E+02	1.884E+03	1.067E+03	2.024E-01	-1.617E+00	-3.699E-01	2.466E+03	-7.022E+01	1.071E+00
269	2	14	-3.581E-02	-1.383E+00	-6.148E-01	5.124E+02	1.883E+03	1.067E+03	2.027E-01	-1.621E+00	-3.700E-01	2.465E+03	-7.029E+01	1.071E+00
269	2	15	-5.129E-02	-1.277E+00	-5.807E-01	5.108E+02	1.908E+03	1.077E+03	1.801E-01	-1.508E+00	-3.792E-01	2.493E+03	-7.411E+01	1.073E+00
269	2	16	-5.161E-02	-1.280E+00	-5.821E-01	5.106E+02	1.907E+03	1.076E+03	1.804E-01	-1.512E+00	-3.793E-01	2.492E+03	-7.417E+01	1.073E+00
269	3	1	9.708E-01	-6.726E-01	-7.830E-01	1.321E+03	3.760E+03	7.468E+02	1.284E+00	-9.859E-01	-3.806E-01	3.970E+03	1.111E+03	1.296E+00
269	3	2	9.722E-01	-6.741E-01	-7.857E-01	1.320E+03	3.758E+03	7.463E+02	1.287E+00	-9.889E-01	-3.810E-01	3.969E+03	1.110E+03	1.296E+00
269	3	3	9.048E-01	-6.596E-01	-7.004E-01	1.339E+03	3.806E+03	7.581E+02	1.173E+00	-9.274E-01	-3.651E-01	4.020E+03	1.124E+03	1.295E+00
269	3	4	9.062E-01	-6.612E-01	-7.031E-01	1.338E+03	3.805E+03	7.575E+02	1.175E+00	-9.303E-01	-3.656E-01	4.019E+03	1.124E+03	1.295E+00
269	3	5	9.740E-01	-6.748E-01	-7.890E-01	1.319E+03	3.756E+03	7.456E+02	1.291E+00	-9.915E-01	-3.817E-01	3.966E+03	1.109E+03	1.296E+00
269	3	6	9.754E-01	-6.763E-01	-7.917E-01	1.318E+03	3.755E+03	7.451E+02	1.294E+00	-9.945E-01	-3.821E-01	3.965E+03	1.109E+03	1.296E+00
269	3	7	9.079E-01	-6.618E-01	-7.064E-01	1.337E+03	3.803E+03	7.569E+02	1.179E+00	-9.329E-01	-3.664E-01	4.016E+03	1.123E+03	1.296E+00
269	3	8	9.094E-01	-6.634E-01	-7.091E-01	1.336E+03	3.801E+03	7.563E+02	1.182E+00	-9.359E-01	-3.669E-01	4.015E+03	1.122E+03	1.296E+00
269	3	9	5.028E-01	-3.013E-01	-1.254E+00	1.554E+03	3.565E+03	8.399E+02	1.418E+00	-1.216E+00	-6.303E-01	3.870E+03	1.249E+03	1.223E+00
269	3	10	5.042E-01	-3.029E-01	-1.257E+00	1.553E+03	3.564E+03	8.393E+02	1.420E+00	-1.219E+00	-6.300E-01	3.868E+03	1.249E+03	1.223E+00
269	3	11	4.367E-01	-2.883E-01	-1.171E+00	1.572E+03	3.612E+03	8.511E+02	1.300E+00	-1.152E+00	-6.353E-01	3.920E+03	1.263E+03	1.223E+00
269	3	12	4.382E-01	-2.899E-01	-1.174E+00	1.571E+03	3.610E+03	8.506E+02	1.303E+00	-1.155E+00	-6.351E-01	3.918E+03	1.263E+03	1.223E+00
269	3	13	5.060E-01	-3.035E-01	-1.260E+00	1.552E+03	3.562E+03	8.387E+02	1.425E+00	-1.222E+00	-6.300E-01	3.866E+03	1.248E+03	1.223E+00

269	3	14	5.074E-01	-3.051E-01	-1.263E+00	1.551E+03	3.560E+03	8.381E+02	1.427E+00	-1.225E+00	-6.298E-01	3.864E+03	1.248E+03	1.223E+00
269	3	15	4.399E-01	-2.906E-01	-1.177E+00	1.570E+03	3.608E+03	8.499E+02	1.307E+00	-1.158E+00	-6.350E-01	3.916E+03	1.262E+03	1.223E+00
269	3	16	4.414E-01	-2.921E-01	-1.180E+00	1.569E+03	3.607E+03	8.494E+02	1.310E+00	-1.161E+00	-6.347E-01	3.914E+03	1.261E+03	1.223E+00
269	4	1	-3.218E-01	3.402E-01	-1.403E+00	2.527E+03	2.937E+03	1.849E+03	1.450E+00	-1.432E+00	2.240E+00	4.592E+03	8.718E+02	8.406E-01
269	4	2	-3.232E-01	3.416E-01	-1.406E+00	2.527E+03	2.936E+03	1.849E+03	1.454E+00	-1.435E+00	2.240E+00	4.592E+03	8.711E+02	8.406E-01
269	4	3	-2.832E-01	2.180E-01	-1.319E+00	2.561E+03	2.971E+03	1.863E+03	1.310E+00	-1.376E+00	2.262E+00	4.641E+03	8.914E+02	8.402E-01
269	4	4	-2.846E-01	2.194E-01	-1.322E+00	2.560E+03	2.971E+03	1.863E+03	1.314E+00	-1.379E+00	2.262E+00	4.640E+03	8.907E+02	8.402E-01
269	4	5	-3.251E-01	3.454E-01	-1.409E+00	2.525E+03	2.935E+03	1.848E+03	1.459E+00	-1.438E+00	2.239E+00	4.589E+03	8.702E+02	8.406E-01
269	4	6	-3.265E-01	3.468E-01	-1.412E+00	2.524E+03	2.934E+03	1.848E+03	1.462E+00	-1.441E+00	2.239E+00	4.589E+03	8.695E+02	8.407E-01
269	4	7	-2.865E-01	2.232E-01	-1.326E+00	2.558E+03	2.969E+03	1.863E+03	1.318E+00	-1.382E+00	2.261E+00	4.638E+03	8.898E+02	8.403E-01
269	4	8	-2.879E-01	2.245E-01	-1.329E+00	2.558E+03	2.968E+03	1.863E+03	1.321E+00	-1.385E+00	2.261E+00	4.637E+03	8.891E+02	8.403E-01
269	4	9	-5.996E-01	1.083E+00	-8.736E-01	2.268E+03	2.671E+03	1.446E+03	1.455E+00	-9.712E-01	1.973E+00	3.929E+03	1.009E+03	8.546E-01
269	4	10	-6.010E-01	1.084E+00	-8.766E-01	2.267E+03	2.670E+03	1.446E+03	1.458E+00	-9.743E-01	1.973E+00	3.929E+03	1.009E+03	8.546E-01
269	4	11	-5.610E-01	9.608E-01	-7.903E-01	2.302E+03	2.705E+03	1.460E+03	1.297E+00	-8.972E-01	1.973E+00	3.977E+03	1.029E+03	8.540E-01
269	4	12	-5.624E-01	9.622E-01	-7.933E-01	2.301E+03	2.704E+03	1.460E+03	1.300E+00	-9.003E-01	1.973E+00	3.977E+03	1.028E+03	8.540E-01
269	4	13	-6.029E-01	1.088E+00	-8.800E-01	2.266E+03	2.669E+03	1.445E+03	1.463E+00	-9.777E-01	1.973E+00	3.926E+03	1.008E+03	8.547E-01
269	4	14	-6.043E-01	1.090E+00	-8.829E-01	2.265E+03	2.668E+03	1.445E+03	1.466E+00	-9.808E-01	1.974E+00	3.926E+03	1.007E+03	8.547E-01
269	4	15	-5.643E-01	9.660E-01	-7.967E-01	2.299E+03	2.703E+03	1.460E+03	1.305E+00	-9.037E-01	1.974E+00	3.974E+03	1.027E+03	8.541E-01
269	4	16	-5.657E-01	9.674E-01	-7.996E-01	2.298E+03	2.702E+03	1.460E+03	1.309E+00	-9.068E-01	1.974E+00	3.974E+03	1.027E+03	8.541E-01
270	1	1	1.254E+00	1.506E+00	1.119E+00	-4.830E+02	1.946E+02	2.576E+02	2.506E+00	2.546E-01	8.415E-01	2.814E+02	-5.698E+02	1.246E+00
270	1	2	1.256E+00	1.505E+00	1.120E+00	-4.837E+02	1.941E+02	2.569E+02	2.507E+00	2.532E-01	8.407E-01	2.805E+02	-5.701E+02	1.246E+00
270	1	3	1.184E+00	1.488E+00	1.074E+00	-4.672E+02	1.779E+02	2.728E+02	2.421E+00	2.510E-01	8.559E-01	2.778E+02	-5.671E+02	1.220E+00
270	1	4	1.185E+00	1.487E+00	1.076E+00	-4.679E+02	1.775E+02	2.721E+02	2.422E+00	2.496E-01	8.551E-01	2.769E+02	-5.673E+02	1.220E+00
270	1	5	1.257E+00	1.500E+00	1.119E+00	-4.843E+02	1.946E+02	2.562E+02	2.505E+00	2.526E-01	8.395E-01	2.804E+02	-5.701E+02	1.248E+00
270	1	6	1.258E+00	1.499E+00	1.121E+00	-4.850E+02	1.941E+02	2.555E+02	2.506E+00	2.512E-01	8.388E-01	2.795E+02	-5.704E+02	1.248E+00
270	1	7	1.186E+00	1.483E+00	1.075E+00	-4.685E+02	1.779E+02	2.714E+02	2.420E+00	2.491E-01	8.539E-01	2.768E+02	-5.673E+02	1.222E+00
270	1	8	1.188E+00	1.481E+00	1.077E+00	-4.692E+02	1.774E+02	2.707E+02	2.421E+00	2.477E-01	8.531E-01	2.758E+02	-5.675E+02	1.222E+00
270	1	9	3.138E-01	-1.850E+00	-2.690E-01	-2.660E+02	9.379E+02	3.845E+02	3.468E-01	-1.883E+00	-1.219E-01	1.050E+03	-3.783E+02	1.287E+00
270	1	10	3.153E-01	-1.851E+00	-2.674E-01	-2.667E+02	9.374E+02	3.838E+02	3.478E-01	-1.884E+00	-1.210E-01	1.049E+03	-3.786E+02	1.287E+00
270	1	11	2.432E-01	-1.868E+00	-3.132E-01	-2.502E+02	9.213E+02	3.997E+02	2.887E-01	-1.913E+00	-1.443E-01	1.045E+03	-3.736E+02	1.271E+00
270	1	12	2.446E-01	-1.869E+00	-3.117E-01	-2.509E+02	9.208E+02	3.990E+02	2.896E-01	-1.914E+00	-1.434E-01	1.044E+03	-3.739E+02	1.272E+00
270	1	13	3.165E-01	-1.856E+00	-2.681E-01	-2.673E+02	9.379E+02	3.830E+02	3.491E-01	-1.888E+00	-1.210E-01	1.049E+03	-3.787E+02	1.288E+00
270	1	14	3.179E-01	-1.857E+00	-2.666E-01	-2.680E+02	9.374E+02	3.824E+02	3.501E-01	-1.889E+00	-1.202E-01	1.048E+03	-3.790E+02	1.288E+00
270	1	15	2.458E-01	-1.873E+00	-3.124E-01	-2.515E+02	9.213E+02	3.982E+02	2.909E-01	-1.918E+00	-1.433E-01	1.044E+03	-3.739E+02	1.273E+00
270	1	16	2.473E-01	-1.875E+00	-3.108E-01	-2.522E+02	9.208E+02	3.975E+02	2.918E-01	-1.919E+00	-1.425E-01	1.043E+03	-3.742E+02	1.273E+00
270	2	1	1.922E-02	1.693E+00	1.340E+00	-2.201E+02	-4.049E+03	1.480E+02	2.436E+00	-7.237E-01	1.065E+00	-2.144E+02	-4.055E+03	3.857E-02
270	2	2	2.001E-02	1.692E+00	1.341E+00	-2.204E+02	-4.049E+03	1.469E+02	2.436E+00	-7.244E-01	1.064E+00	-2.148E+02	-4.055E+03	3.829E-02
270	2	3	2.502E-02	1.641E+00	1.258E+00	-2.133E+02	-4.038E+03	1.794E+02	2.328E+00	-6.619E-01	1.071E+00	-2.049E+02	-4.046E+03	4.678E-02
270	2	4	2.581E-02	1.639E+00	1.259E+00	-2.136E+02	-4.038E+03	1.784E+02	2.328E+00	-6.626E-01	1.070E+00	-2.053E+02	-4.046E+03	4.651E-02
270	2	5	1.998E-02	1.688E+00	1.341E+00	-2.207E+02	-4.049E+03	1.456E+02	2.434E+00	-7.255E-01	1.064E+00	-2.152E+02	-4.054E+03	3.797E-02
270	2	6	2.077E-02	1.686E+00	1.343E+00	-2.211E+02	-4.049E+03	1.446E+02	2.433E+00	-7.263E-01	1.063E+00	-2.156E+02	-4.055E+03	3.769E-02
270	2	7	2.578E-02	1.636E+00	1.259E+00	-2.139E+02	-4.038E+03	1.771E+02	2.325E+00	-6.637E-01	1.070E+00	-2.058E+02	-4.046E+03	4.619E-02
270	2	8	2.657E-02	1.634E+00	1.260E+00	-2.143E+02	-4.038E+03	1.760E+02	2.325E+00	-6.644E-01	1.069E+00	-2.062E+02	-4.046E+03	4.591E-02

270	2	9	-5.356E-02	-1.556E+00	3.928E-02	-3.073E+02	-3.724E+03	5.289E+01	-5.254E-02	-1.557E+00	2.611E-02	-3.065E+02	-3.725E+03	1.547E-02
270	2	10	-5.277E-02	-1.558E+00	4.040E-02	-3.076E+02	-3.724E+03	5.182E+01	-5.169E-02	-1.559E+00	2.681E-02	-3.068E+02	-3.725E+03	1.516E-02
270	2	11	-4.776E-02	-1.609E+00	-4.299E-02	-3.005E+02	-3.713E+03	8.436E+01	-4.658E-02	-1.610E+00	-2.751E-02	-2.984E+02	-3.715E+03	2.470E-02
270	2	12	-4.698E-02	-1.611E+00	-4.187E-02	-3.008E+02	-3.713E+03	8.329E+01	-4.586E-02	-1.612E+00	-2.675E-02	-2.988E+02	-3.715E+03	2.439E-02
270	2	13	-5.280E-02	-1.562E+00	4.064E-02	-3.079E+02	-3.724E+03	5.055E+01	-5.171E-02	-1.563E+00	2.690E-02	-3.072E+02	-3.725E+03	1.479E-02
270	2	14	-5.201E-02	-1.564E+00	4.176E-02	-3.082E+02	-3.724E+03	4.949E+01	-5.086E-02	-1.565E+00	2.760E-02	-3.075E+02	-3.725E+03	1.448E-02
270	2	15	-4.700E-02	-1.614E+00	-4.163E-02	-3.011E+02	-3.713E+03	8.202E+01	-4.589E-02	-1.615E+00	-2.654E-02	-2.991E+02	-3.715E+03	2.402E-02
270	2	16	-4.621E-02	-1.616E+00	-4.050E-02	-3.014E+02	-3.713E+03	8.096E+01	-4.517E-02	-1.617E+00	-2.578E-02	-2.995E+02	-3.715E+03	2.371E-02
270	3	1	-1.117E+00	1.505E+00	1.575E+00	-8.512E+02	-8.131E+03	1.231E+02	2.243E+00	-1.855E+00	1.133E+00	-8.492E+02	-8.133E+03	1.690E-02
270	3	2	-1.117E+00	1.504E+00	1.575E+00	-8.513E+02	-8.131E+03	1.220E+02	2.242E+00	-1.856E+00	1.132E+00	-8.493E+02	-8.133E+03	1.675E-02
270	3	3	-1.064E+00	1.487E+00	1.454E+00	-8.521E+02	-8.097E+03	1.481E+02	2.146E+00	-1.723E+00	1.145E+00	-8.491E+02	-8.100E+03	2.044E-02
270	3	4	-1.064E+00	1.486E+00	1.455E+00	-8.522E+02	-8.097E+03	1.470E+02	2.146E+00	-1.724E+00	1.145E+00	-8.493E+02	-8.100E+03	2.029E-02
270	3	5	-1.118E+00	1.499E+00	1.576E+00	-8.511E+02	-8.130E+03	1.208E+02	2.239E+00	-1.858E+00	1.132E+00	-8.491E+02	-8.132E+03	1.660E-02
270	3	6	-1.118E+00	1.498E+00	1.577E+00	-8.512E+02	-8.130E+03	1.198E+02	2.239E+00	-1.859E+00	1.132E+00	-8.492E+02	-8.132E+03	1.645E-02
270	3	7	-1.065E+00	1.482E+00	1.456E+00	-8.520E+02	-8.097E+03	1.459E+02	2.143E+00	-1.726E+00	1.145E+00	-8.490E+02	-8.100E+03	2.013E-02
270	3	8	-1.065E+00	1.480E+00	1.457E+00	-8.521E+02	-8.097E+03	1.448E+02	2.142E+00	-1.727E+00	1.144E+00	-8.492E+02	-8.100E+03	1.998E-02
270	3	9	-1.107E-01	-1.850E+00	3.340E-01	-1.092E+03	-8.412E+03	3.080E+01	-4.876E-02	-1.912E+00	1.833E-01	-1.092E+03	-8.413E+03	4.208E-03
270	3	10	-1.109E-01	-1.851E+00	3.347E-01	-1.092E+03	-8.412E+03	2.971E+01	-4.878E-02	-1.914E+00	1.836E-01	-1.092E+03	-8.413E+03	4.058E-03
270	3	11	-5.782E-02	-1.868E+00	2.137E-01	-1.093E+03	-8.379E+03	5.589E+01	-3.293E-02	-1.893E+00	1.160E-01	-1.093E+03	-8.379E+03	7.670E-03
270	3	12	-5.804E-02	-1.869E+00	2.144E-01	-1.093E+03	-8.379E+03	5.479E+01	-3.301E-02	-1.894E+00	1.162E-01	-1.093E+03	-8.379E+03	7.520E-03
270	3	13	-1.114E-01	-1.856E+00	3.358E-01	-1.092E+03	-8.412E+03	2.859E+01	-4.898E-02	-1.918E+00	1.838E-01	-1.092E+03	-8.412E+03	3.906E-03
270	3	14	-1.116E-01	-1.857E+00	3.365E-01	-1.092E+03	-8.412E+03	2.750E+01	-4.899E-02	-1.920E+00	1.840E-01	-1.092E+03	-8.412E+03	3.756E-03
270	3	15	-5.853E-02	-1.874E+00	2.156E-01	-1.093E+03	-8.379E+03	5.367E+01	-3.328E-02	-1.899E+00	1.166E-01	-1.092E+03	-8.379E+03	7.366E-03
270	3	16	-5.875E-02	-1.875E+00	2.163E-01	-1.093E+03	-8.379E+03	5.258E+01	-3.336E-02	-1.900E+00	1.169E-01	-1.093E+03	-8.379E+03	7.216E-03
270	4	1	1.295E-01	1.321E+00	1.340E+00	-7.891E+02	-4.012E+03	7.541E+02	2.191E+00	-7.408E-01	9.946E-01	-6.214E+02	-4.179E+03	2.189E-01
270	4	2	1.300E-01	1.320E+00	1.341E+00	-7.895E+02	-4.012E+03	7.528E+02	2.192E+00	-7.419E-01	9.942E-01	-6.223E+02	-4.179E+03	2.186E-01
270	4	3	1.059E-01	1.338E+00	1.257E+00	-7.835E+02	-4.006E+03	7.860E+02	2.122E+00	-6.782E-01	1.013E+00	-6.021E+02	-4.188E+03	2.269E-01
270	4	4	1.064E-01	1.337E+00	1.258E+00	-7.839E+02	-4.006E+03	7.847E+02	2.122E+00	-6.792E-01	1.013E+00	-6.029E+02	-4.187E+03	2.266E-01
270	4	5	1.307E-01	1.315E+00	1.341E+00	-7.895E+02	-4.011E+03	7.514E+02	2.188E+00	-7.432E-01	9.933E-01	-6.229E+02	-4.178E+03	2.182E-01
270	4	6	1.311E-01	1.314E+00	1.342E+00	-7.898E+02	-4.011E+03	7.501E+02	2.189E+00	-7.442E-01	9.929E-01	-6.237E+02	-4.178E+03	2.179E-01
270	4	7	1.071E-01	1.332E+00	1.259E+00	-7.839E+02	-4.006E+03	7.832E+02	2.119E+00	-6.804E-01	1.012E+00	-6.035E+02	-4.186E+03	2.263E-01
270	4	8	1.075E-01	1.330E+00	1.260E+00	-7.842E+02	-4.006E+03	7.820E+02	2.119E+00	-6.814E-01	1.011E+00	-6.044E+02	-4.186E+03	2.260E-01
270	4	9	2.454E-01	-2.147E+00	3.920E-02	-6.633E+02	-3.626E+03	9.716E+02	2.461E-01	-2.147E+00	1.638E-02	-3.731E+02	-3.916E+03	2.903E-01
270	4	10	2.459E-01	-2.148E+00	4.032E-02	-6.636E+02	-3.626E+03	9.704E+02	2.466E-01	-2.148E+00	1.684E-02	-3.741E+02	-3.915E+03	2.900E-01
270	4	11	2.218E-01	-2.130E+00	-4.305E-02	-6.577E+02	-3.620E+03	1.003E+03	2.226E-01	-2.131E+00	-1.830E-02	-3.498E+02	-3.928E+03	2.977E-01
270	4	12	2.223E-01	-2.131E+00	-4.192E-02	-6.580E+02	-3.620E+03	1.002E+03	2.230E-01	-2.132E+00	-1.781E-02	-3.508E+02	-3.928E+03	2.974E-01
270	4	13	2.466E-01	-2.153E+00	4.056E-02	-6.636E+02	-3.625E+03	9.689E+02	2.473E-01	-2.154E+00	1.690E-02	-3.748E+02	-3.914E+03	2.897E-01
270	4	14	2.470E-01	-2.154E+00	4.168E-02	-6.640E+02	-3.625E+03	9.676E+02	2.477E-01	-2.155E+00	1.735E-02	-3.758E+02	-3.913E+03	2.894E-01
270	4	15	2.230E-01	-2.136E+00	-4.168E-02	-6.580E+02	-3.620E+03	1.001E+03	2.237E-01	-2.137E+00	-1.766E-02	-3.516E+02	-3.926E+03	2.972E-01
270	4	16	2.234E-01	-2.137E+00	-4.056E-02	-6.584E+02	-3.620E+03	9.995E+02	2.241E-01	-2.138E+00	-1.718E-02	-3.526E+02	-3.926E+03	2.969E-01
271	1	1	-1.098E+00	1.713E+00	-1.505E+00	-8.664E+02	-8.122E+03	1.497E+02	2.367E+00	-1.751E+00	1.981E+00	-8.633E+02	-8.125E+03	2.061E-02
271	1	2	-1.097E+00	1.714E+00	-1.504E+00	-8.663E+02	-8.122E+03	1.486E+02	2.367E+00	-1.750E+00	1.980E+00	-8.633E+02	-8.126E+03	2.046E-02
271	1	3	-1.107E+00	1.282E+00	-1.594E+00	-8.474E+02	-8.102E+03	1.838E+02	2.080E+00	-1.904E+00	2.035E+00	-8.427E+02	-8.106E+03	2.532E-02

271	1	4	-1.106E+00	1.284E+00	-1.594E+00	-8.473E+02	-8.102E+03	1.827E+02	2.081E+00	-1.903E+00	2.034E+00	-8.427E+02	-8.106E+03	2.516E-02
271	1	5	-1.097E+00	1.714E+00	-1.504E+00	-8.661E+02	-8.122E+03	1.476E+02	2.367E+00	-1.750E+00	1.980E+00	-8.630E+02	-8.125E+03	2.034E-02
271	1	6	-1.097E+00	1.716E+00	-1.503E+00	-8.660E+02	-8.122E+03	1.465E+02	2.368E+00	-1.749E+00	1.980E+00	-8.630E+02	-8.125E+03	2.018E-02
271	1	7	-1.106E+00	1.284E+00	-1.593E+00	-8.470E+02	-8.101E+03	1.818E+02	2.080E+00	-1.903E+00	2.034E+00	-8.425E+02	-8.106E+03	2.504E-02
271	1	8	-1.106E+00	1.285E+00	-1.593E+00	-8.469E+02	-8.101E+03	1.807E+02	2.081E+00	-1.902E+00	2.034E+00	-8.424E+02	-8.106E+03	2.489E-02
271	1	9	-7.085E-02	-1.664E+00	-1.980E-01	-1.101E+03	-8.406E+03	-4.265E+01	-4.661E-02	-1.688E+00	-1.218E-01	-1.101E+03	-8.407E+03	-5.837E-03
271	1	10	-7.063E-02	-1.662E+00	-1.973E-01	-1.101E+03	-8.406E+03	-4.375E+01	-4.654E-02	-1.686E+00	-1.215E-01	-1.100E+03	-8.407E+03	-5.988E-03
271	1	11	-7.991E-02	-2.094E+00	-2.872E-01	-1.082E+03	-8.386E+03	-8.501E+00	-3.976E-02	-2.134E+00	-1.389E-01	-1.082E+03	-8.386E+03	-1.164E-03
271	1	12	-7.969E-02	-2.093E+00	-2.865E-01	-1.082E+03	-8.386E+03	-9.603E+00	-3.971E-02	-2.133E+00	-1.387E-01	-1.082E+03	-8.386E+03	-1.315E-03
271	1	13	-7.049E-02	-1.663E+00	-1.970E-01	-1.100E+03	-8.406E+03	-4.467E+01	-4.647E-02	-1.687E+00	-1.213E-01	-1.100E+03	-8.406E+03	-6.114E-03
271	1	14	-7.027E-02	-1.661E+00	-1.963E-01	-1.100E+03	-8.406E+03	-4.577E+01	-4.640E-02	-1.685E+00	-1.210E-01	-1.100E+03	-8.406E+03	-6.265E-03
271	1	15	-7.955E-02	-2.093E+00	-2.862E-01	-1.081E+03	-8.385E+03	-1.052E+01	-3.965E-02	-2.133E+00	-1.385E-01	-1.081E+03	-8.385E+03	-1.441E-03
271	1	16	-7.933E-02	-2.092E+00	-2.856E-01	-1.081E+03	-8.385E+03	-1.163E+01	-3.959E-02	-2.131E+00	-1.383E-01	-1.081E+03	-8.385E+03	-1.592E-03
271	2	1	2.177E-02	1.832E+00	-1.325E+00	-2.227E+02	-4.080E+03	4.959E-01	2.532E+00	-6.775E-01	2.056E+00	-2.227E+02	-4.080E+03	1.286E-04
271	2	2	2.098E-02	1.834E+00	-1.324E+00	-2.224E+02	-4.080E+03	-5.840E-01	2.532E+00	-6.768E-01	2.056E+00	-2.224E+02	-4.080E+03	-1.514E-04
271	2	3	1.346E-02	1.477E+00	-1.331E+00	-2.362E+02	-4.020E+03	4.916E+01	2.264E+00	-7.739E-01	2.105E+00	-2.356E+02	-4.020E+03	1.299E-02
271	2	4	1.267E-02	1.479E+00	-1.330E+00	-2.359E+02	-4.020E+03	4.808E+01	2.265E+00	-7.730E-01	2.104E+00	-2.353E+02	-4.020E+03	1.270E-02
271	2	5	2.093E-02	1.834E+00	-1.324E+00	-2.222E+02	-4.080E+03	-1.448E+00	2.531E+00	-6.768E-01	2.056E+00	-2.222E+02	-4.080E+03	-3.753E-04
271	2	6	2.014E-02	1.836E+00	-1.322E+00	-2.218E+02	-4.079E+03	-2.528E+00	2.532E+00	-6.761E-01	2.055E+00	-2.218E+02	-4.079E+03	-6.553E-04
271	2	7	1.262E-02	1.479E+00	-1.330E+00	-2.356E+02	-4.019E+03	4.722E+01	2.264E+00	-7.730E-01	2.104E+00	-2.350E+02	-4.020E+03	1.248E-02
271	2	8	1.183E-02	1.480E+00	-1.329E+00	-2.353E+02	-4.019E+03	4.614E+01	2.264E+00	-7.721E-01	2.104E+00	-2.347E+02	-4.019E+03	1.219E-02
271	2	9	-2.539E-02	-1.422E+00	1.815E-02	-2.976E+02	-3.757E+03	-2.389E+02	-2.515E-02	-1.422E+00	1.299E-02	-2.812E+02	-3.773E+03	-6.864E-02
271	2	10	-2.617E-02	-1.420E+00	1.927E-02	-2.973E+02	-3.756E+03	-2.400E+02	-2.591E-02	-1.421E+00	1.382E-02	-2.807E+02	-3.773E+03	-6.895E-02
271	2	11	-3.369E-02	-1.777E+00	1.170E-02	-3.111E+02	-3.696E+03	-1.903E+02	-3.362E-02	-1.777E+00	6.710E-03	-3.004E+02	-3.707E+03	-5.598E-02
271	2	12	-3.448E-02	-1.776E+00	1.282E-02	-3.108E+02	-3.696E+03	-1.914E+02	-3.439E-02	-1.776E+00	7.363E-03	-3.000E+02	-3.707E+03	-5.629E-02
271	2	13	-2.623E-02	-1.421E+00	1.940E-02	-2.970E+02	-3.756E+03	-2.409E+02	-2.596E-02	-1.421E+00	1.391E-02	-2.803E+02	-3.773E+03	-6.920E-02
271	2	14	-2.701E-02	-1.419E+00	2.052E-02	-2.967E+02	-3.756E+03	-2.420E+02	-2.671E-02	-1.419E+00	1.474E-02	-2.799E+02	-3.772E+03	-6.951E-02
271	2	15	-3.453E-02	-1.776E+00	1.296E-02	-3.105E+02	-3.695E+03	-1.922E+02	-3.444E-02	-1.776E+00	7.440E-03	-2.996E+02	-3.706E+03	-5.655E-02
271	2	16	-3.532E-02	-1.774E+00	1.408E-02	-3.102E+02	-3.695E+03	-1.933E+02	-3.521E-02	-1.774E+00	8.095E-03	-2.992E+02	-3.706E+03	-5.686E-02
271	3	1	1.259E+00	1.714E+00	-1.160E+00	-5.153E+02	1.024E+02	-1.685E+02	2.668E+00	3.048E-01	2.259E+00	1.454E+02	-5.583E+02	1.821E+00
271	3	2	1.257E+00	1.715E+00	-1.158E+00	-5.146E+02	1.029E+02	-1.693E+02	2.667E+00	3.060E-01	2.259E+00	1.463E+02	-5.580E+02	1.821E+00
271	3	3	1.315E+00	1.283E+00	-1.083E+00	-5.265E+02	2.188E+02	-1.829E+02	2.383E+00	2.161E-01	-7.780E-01	2.612E+02	-5.690E+02	1.799E+00
271	3	4	1.314E+00	1.285E+00	-1.082E+00	-5.258E+02	2.193E+02	-1.836E+02	2.381E+00	2.177E-01	-7.787E-01	2.621E+02	-5.686E+02	1.800E+00
271	3	5	1.257E+00	1.715E+00	-1.158E+00	-5.142E+02	1.034E+02	-1.699E+02	2.666E+00	3.057E-01	2.259E+00	1.470E+02	-5.579E+02	1.822E+00
271	3	6	1.256E+00	1.717E+00	-1.156E+00	-5.135E+02	1.039E+02	-1.706E+02	2.665E+00	3.070E-01	2.258E+00	1.479E+02	-5.575E+02	1.823E+00
271	3	7	1.314E+00	1.285E+00	-1.082E+00	-5.254E+02	2.197E+02	-1.842E+02	2.381E+00	2.174E-01	-7.787E-01	2.628E+02	-5.685E+02	1.800E+00
271	3	8	1.312E+00	1.286E+00	-1.080E+00	-5.247E+02	2.202E+02	-1.849E+02	2.379E+00	2.190E-01	-7.794E-01	2.636E+02	-5.681E+02	1.801E+00
271	3	9	2.087E-01	-1.664E+00	2.496E-01	-2.354E+02	8.740E+02	-4.463E+02	2.414E-01	-1.696E+00	1.303E-01	1.031E+03	-3.927E+02	1.910E+00
271	3	10	2.073E-01	-1.662E+00	2.512E-01	-2.347E+02	8.745E+02	-4.470E+02	2.404E-01	-1.695E+00	1.313E-01	1.032E+03	-3.924E+02	1.910E+00
271	3	11	2.652E-01	-2.094E+00	3.260E-01	-2.466E+02	9.903E+02	-4.606E+02	3.094E-01	-2.138E+00	1.348E-01	1.143E+03	-3.993E+02	1.891E+00
271	3	12	2.637E-01	-2.093E+00	3.275E-01	-2.459E+02	9.908E+02	-4.613E+02	3.084E-01	-2.137E+00	1.356E-01	1.144E+03	-3.990E+02	1.891E+00
271	3	13	2.069E-01	-1.662E+00	2.512E-01	-2.343E+02	8.749E+02	-4.476E+02	2.401E-01	-1.695E+00	1.313E-01	1.033E+03	-3.924E+02	1.910E+00
271	3	14	2.055E-01	-1.661E+00	2.527E-01	-2.336E+02	8.754E+02	-4.483E+02	2.391E-01	-1.694E+00	1.322E-01	1.034E+03	-3.922E+02	1.911E+00

271	3	15	2.634E-01	-2.093E+00	3.275E-01	-2.455E+02	9.912E+02	-4.620E+02	3.081E-01	-2.138E+00	1.356E-01	1.145E+03	-3.990E+02	1.892E+00
271	3	16	2.619E-01	-2.091E+00	3.291E-01	-2.448E+02	9.917E+02	-4.627E+02	3.071E-01	-2.137E+00	1.364E-01	1.146E+03	-3.987E+02	1.892E+00
271	4	1	5.890E-02	1.597E+00	-1.324E+00	-7.968E+02	-4.058E+03	-6.849E+02	2.360E+00	-7.034E-01	2.093E+00	-6.589E+02	-4.196E+03	-1.988E-01
271	4	2	5.845E-02	1.599E+00	-1.323E+00	-7.965E+02	-4.058E+03	-6.861E+02	2.359E+00	-7.025E-01	2.093E+00	-6.580E+02	-4.196E+03	-1.991E-01
271	4	3	1.146E-01	1.092E+00	-1.331E+00	-7.796E+02	-3.982E+03	-6.358E+02	2.021E+00	-8.145E-01	2.180E+00	-6.579E+02	-4.103E+03	-1.890E-01
271	4	4	1.141E-01	1.093E+00	-1.330E+00	-7.792E+02	-3.981E+03	-6.371E+02	2.020E+00	-8.134E-01	2.180E+00	-6.571E+02	-4.104E+03	-1.893E-01
271	4	5	5.829E-02	1.598E+00	-1.323E+00	-7.962E+02	-4.058E+03	-6.870E+02	2.359E+00	-7.025E-01	2.093E+00	-6.574E+02	-4.196E+03	-1.994E-01
271	4	6	5.784E-02	1.599E+00	-1.322E+00	-7.959E+02	-4.058E+03	-6.883E+02	2.359E+00	-7.016E-01	2.092E+00	-6.566E+02	-4.197E+03	-1.997E-01
271	4	7	1.140E-01	1.093E+00	-1.330E+00	-7.789E+02	-3.981E+03	-6.380E+02	2.020E+00	-8.134E-01	2.180E+00	-6.565E+02	-4.103E+03	-1.896E-01
271	4	8	1.135E-01	1.094E+00	-1.328E+00	-7.786E+02	-3.981E+03	-6.392E+02	2.020E+00	-8.123E-01	2.179E+00	-6.557E+02	-4.104E+03	-1.899E-01
271	4	9	2.440E-01	-1.908E+00	1.820E-02	-6.815E+02	-3.657E+03	-1.072E+03	2.441E-01	-1.908E+00	8.456E-03	-3.357E+02	-4.002E+03	-3.121E-01
271	4	10	2.435E-01	-1.907E+00	1.932E-02	-6.812E+02	-3.657E+03	-1.073E+03	2.437E-01	-1.907E+00	8.982E-03	-3.347E+02	-4.003E+03	-3.124E-01
271	4	11	2.997E-01	-2.414E+00	1.176E-02	-6.642E+02	-3.580E+03	-1.023E+03	2.997E-01	-2.414E+00	4.335E-03	-3.414E+02	-3.903E+03	-3.058E-01
271	4	12	2.992E-01	-2.413E+00	1.288E-02	-6.639E+02	-3.580E+03	-1.024E+03	2.993E-01	-2.413E+00	4.750E-03	-3.403E+02	-3.904E+03	-3.061E-01
271	4	13	2.434E-01	-1.907E+00	1.946E-02	-6.809E+02	-3.656E+03	-1.074E+03	2.435E-01	-1.907E+00	9.045E-03	-3.338E+02	-4.003E+03	-3.126E-01
271	4	14	2.429E-01	-1.906E+00	2.058E-02	-6.805E+02	-3.656E+03	-1.075E+03	2.431E-01	-1.906E+00	9.573E-03	-3.328E+02	-4.004E+03	-3.129E-01
271	4	15	2.991E-01	-2.413E+00	1.302E-02	-6.636E+02	-3.580E+03	-1.025E+03	2.991E-01	-2.413E+00	4.801E-03	-3.395E+02	-3.904E+03	-3.063E-01
271	4	16	2.986E-01	-2.412E+00	1.414E-02	-6.632E+02	-3.580E+03	-1.026E+03	2.987E-01	-2.412E+00	5.216E-03	-3.385E+02	-3.904E+03	-3.066E-01
272	1	1	9.956E-01	-7.282E-01	4.247E-01	1.272E+03	3.938E+03	-6.680E+02	1.095E+00	-8.272E-01	2.289E-01	4.096E+03	1.114E+03	1.803E+00
272	1	2	9.942E-01	-7.267E-01	4.220E-01	1.273E+03	3.940E+03	-6.686E+02	1.092E+00	-8.246E-01	2.280E-01	4.098E+03	1.115E+03	1.803E+00
272	1	3	1.113E+00	-7.519E-01	6.413E-01	1.241E+03	3.835E+03	-6.818E+02	1.312E+00	-9.512E-01	3.012E-01	4.003E+03	1.072E+03	1.813E+00
272	1	4	1.112E+00	-7.504E-01	6.387E-01	1.242E+03	3.836E+03	-6.824E+02	1.310E+00	-9.484E-01	3.006E-01	4.004E+03	1.073E+03	1.813E+00
272	1	5	9.938E-01	-7.266E-01	4.213E-01	1.274E+03	3.941E+03	-6.691E+02	1.091E+00	-8.243E-01	2.277E-01	4.099E+03	1.115E+03	1.803E+00
272	1	6	9.924E-01	-7.251E-01	4.186E-01	1.275E+03	3.942E+03	-6.697E+02	1.089E+00	-8.217E-01	2.268E-01	4.101E+03	1.116E+03	1.803E+00
272	1	7	1.111E+00	-7.503E-01	6.379E-01	1.242E+03	3.837E+03	-6.829E+02	1.309E+00	-9.480E-01	3.004E-01	4.006E+03	1.073E+03	1.813E+00
272	1	8	1.110E+00	-7.488E-01	6.353E-01	1.243E+03	3.838E+03	-6.835E+02	1.306E+00	-9.451E-01	2.998E-01	4.007E+03	1.074E+03	1.813E+00
272	1	9	3.195E-01	-2.385E-01	1.365E+00	1.617E+03	3.481E+03	-8.937E+02	1.434E+00	-1.353E+00	6.846E-01	3.840E+03	1.258E+03	1.953E+00
272	1	10	3.181E-01	-2.369E-01	1.363E+00	1.618E+03	3.483E+03	-8.942E+02	1.431E+00	-1.350E+00	6.849E-01	3.842E+03	1.258E+03	1.953E+00
272	1	11	4.370E-01	-2.622E-01	1.582E+00	1.585E+03	3.377E+03	-9.074E+02	1.708E+00	-1.533E+00	6.767E-01	3.757E+03	1.206E+03	1.967E+00
272	1	12	4.356E-01	-2.607E-01	1.579E+00	1.586E+03	3.379E+03	-9.080E+02	1.705E+00	-1.530E+00	6.769E-01	3.758E+03	1.206E+03	1.967E+00
272	1	13	3.178E-01	-2.369E-01	1.362E+00	1.618E+03	3.484E+03	-8.948E+02	1.430E+00	-1.350E+00	6.850E-01	3.843E+03	1.258E+03	1.953E+00
272	1	14	3.164E-01	-2.353E-01	1.359E+00	1.619E+03	3.485E+03	-8.953E+02	1.428E+00	-1.347E+00	6.853E-01	3.845E+03	1.259E+03	1.953E+00
272	1	15	4.353E-01	-2.606E-01	1.579E+00	1.586E+03	3.380E+03	-9.085E+02	1.704E+00	-1.529E+00	6.769E-01	3.760E+03	1.207E+03	1.967E+00
272	1	16	4.338E-01	-2.590E-01	1.576E+00	1.587E+03	3.381E+03	-9.091E+02	1.701E+00	-1.526E+00	6.772E-01	3.762E+03	1.207E+03	1.967E+00
272	2	1	-5.415E-02	-4.349E-01	2.179E-01	3.965E+02	1.697E+03	-1.157E+03	4.482E-02	-5.338E-01	4.264E-01	2.374E+03	-2.804E+02	2.100E+00
272	2	2	-5.383E-02	-4.317E-01	2.164E-01	3.967E+02	1.698E+03	-1.157E+03	4.453E-02	-5.301E-01	4.265E-01	2.375E+03	-2.804E+02	2.100E+00
272	2	3	-3.870E-02	-6.936E-01	3.160E-01	4.053E+02	1.655E+03	-1.134E+03	8.891E-02	-8.212E-01	3.838E-01	2.325E+03	-2.650E+02	2.105E+00
272	2	4	-3.838E-02	-6.905E-01	3.145E-01	4.054E+02	1.656E+03	-1.135E+03	8.862E-02	-8.175E-01	3.837E-01	2.326E+03	-2.649E+02	2.104E+00
272	2	5	-5.374E-02	-4.312E-01	2.161E-01	3.967E+02	1.699E+03	-1.158E+03	4.440E-02	-5.293E-01	4.264E-01	2.376E+03	-2.804E+02	2.100E+00
272	2	6	-5.343E-02	-4.281E-01	2.146E-01	3.968E+02	1.700E+03	-1.158E+03	4.411E-02	-5.256E-01	4.266E-01	2.377E+03	-2.803E+02	2.100E+00
272	2	7	-3.829E-02	-6.899E-01	3.142E-01	4.055E+02	1.656E+03	-1.135E+03	8.850E-02	-8.167E-01	3.836E-01	2.327E+03	-2.650E+02	2.104E+00
272	2	8	-3.797E-02	-6.868E-01	3.127E-01	4.056E+02	1.657E+03	-1.135E+03	8.821E-02	-8.130E-01	3.835E-01	2.328E+03	-2.649E+02	2.104E+00
272	2	9	-2.610E-02	-1.476E+00	6.807E-01	5.088E+02	1.971E+03	-1.066E+03	2.434E-01	-1.746E+00	3.769E-01	2.532E+03	-5.295E+01	2.056E+00

272	2	10	-2.578E-02	-1.473E+00	6.792E-01	5.089E+02	1.972E+03	-1.066E+03	2.431E-01	-1.742E+00	3.769E-01	2.533E+03	-5.289E+01	2.056E+00
272	2	11	-1.065E-02	-1.735E+00	7.788E-01	5.176E+02	1.928E+03	-1.043E+03	2.890E-01	-2.034E+00	3.673E-01	2.482E+03	-3.659E+01	2.059E+00
272	2	12	-1.033E-02	-1.732E+00	7.773E-01	5.177E+02	1.929E+03	-1.044E+03	2.887E-01	-2.031E+00	3.673E-01	2.483E+03	-3.653E+01	2.059E+00
272	2	13	-2.569E-02	-1.472E+00	6.788E-01	5.090E+02	1.972E+03	-1.067E+03	2.430E-01	-1.741E+00	3.768E-01	2.534E+03	-5.296E+01	2.056E+00
272	2	14	-2.537E-02	-1.469E+00	6.774E-01	5.091E+02	1.973E+03	-1.067E+03	2.427E-01	-1.737E+00	3.768E-01	2.535E+03	-5.289E+01	2.056E+00
272	2	15	-1.024E-02	-1.731E+00	7.770E-01	5.178E+02	1.930E+03	-1.044E+03	2.886E-01	-2.030E+00	3.672E-01	2.484E+03	-3.660E+01	2.059E+00
272	2	16	-9.921E-03	-1.728E+00	7.755E-01	5.179E+02	1.931E+03	-1.044E+03	2.883E-01	-2.026E+00	3.672E-01	2.485E+03	-3.653E+01	2.059E+00
272	3	1	-5.408E-01	-8.311E-02	8.511E-01	2.063E+03	4.957E+02	-1.329E+03	5.694E-01	-1.193E+00	9.167E-01	2.822E+03	-2.638E+02	-5.191E-01
272	3	2	-5.377E-01	-8.291E-02	8.494E-01	2.063E+03	4.956E+02	-1.330E+03	5.690E-01	-1.190E+00	9.162E-01	2.822E+03	-2.641E+02	-5.191E-01
272	3	3	-7.658E-01	-5.636E-03	9.426E-01	1.998E+03	4.766E+02	-1.293E+03	6.306E-01	-1.402E+00	9.770E-01	2.737E+03	-2.626E+02	-5.195E-01
272	3	4	-7.626E-01	-5.437E-03	9.409E-01	1.998E+03	4.766E+02	-1.293E+03	6.302E-01	-1.398E+00	9.767E-01	2.737E+03	-2.628E+02	-5.195E-01
272	3	5	-5.369E-01	-8.319E-02	8.490E-01	2.063E+03	4.958E+02	-1.330E+03	5.688E-01	-1.189E+00	9.159E-01	2.823E+03	-2.642E+02	-5.191E-01
272	3	6	-5.337E-01	-8.299E-02	8.473E-01	2.063E+03	4.957E+02	-1.330E+03	5.684E-01	-1.185E+00	9.154E-01	2.824E+03	-2.645E+02	-5.192E-01
272	3	7	-7.618E-01	-5.712E-03	9.404E-01	1.998E+03	4.767E+02	-1.293E+03	6.298E-01	-1.397E+00	9.765E-01	2.738E+03	-2.630E+02	-5.195E-01
272	3	8	-7.587E-01	-5.513E-03	9.387E-01	1.999E+03	4.766E+02	-1.294E+03	6.294E-01	-1.394E+00	9.761E-01	2.739E+03	-2.633E+02	-5.195E-01
272	3	9	-1.643E+00	1.502E-01	2.985E-01	1.709E+03	3.377E+02	-1.113E+03	1.986E-01	-1.691E+00	1.410E+00	2.330E+03	-2.835E+02	-5.092E-01
272	3	10	-1.640E+00	1.504E-01	2.968E-01	1.709E+03	3.377E+02	-1.113E+03	1.983E-01	-1.687E+00	1.411E+00	2.331E+03	-2.838E+02	-5.093E-01
272	3	11	-1.868E+00	2.277E-01	3.899E-01	1.644E+03	3.187E+02	-1.076E+03	2.979E-01	-1.938E+00	1.393E+00	2.245E+03	-2.822E+02	-5.093E-01
272	3	12	-1.864E+00	2.279E-01	3.882E-01	1.644E+03	3.186E+02	-1.076E+03	2.976E-01	-1.934E+00	1.393E+00	2.246E+03	-2.825E+02	-5.093E-01
272	3	13	-1.639E+00	1.501E-01	2.964E-01	1.710E+03	3.378E+02	-1.113E+03	1.980E-01	-1.687E+00	1.411E+00	2.332E+03	-2.839E+02	-5.093E-01
272	3	14	-1.636E+00	1.503E-01	2.947E-01	1.710E+03	3.377E+02	-1.114E+03	1.977E-01	-1.683E+00	1.411E+00	2.332E+03	-2.842E+02	-5.093E-01
272	3	15	-1.864E+00	2.276E-01	3.878E-01	1.645E+03	3.187E+02	-1.077E+03	2.972E-01	-1.933E+00	1.393E+00	2.246E+03	-2.826E+02	-5.094E-01
272	3	16	-1.861E+00	2.278E-01	3.861E-01	1.645E+03	3.186E+02	-1.077E+03	2.969E-01	-1.930E+00	1.394E+00	2.247E+03	-2.829E+02	-5.094E-01
272	4	1	-1.442E-01	2.360E-03	5.091E-01	2.618E+03	3.030E+03	-1.875E+03	4.434E-01	-5.852E-01	8.569E-01	4.710E+03	9.380E+02	2.301E+00
272	4	2	-1.427E-01	9.951E-04	5.061E-01	2.619E+03	3.031E+03	-1.875E+03	4.403E-01	-5.821E-01	8.559E-01	4.711E+03	9.388E+02	2.302E+00
272	4	3	-2.671E-01	3.149E-01	7.190E-01	2.526E+03	2.933E+03	-1.823E+03	7.995E-01	-7.518E-01	9.777E-01	4.564E+03	8.948E+02	2.301E+00
272	4	4	-2.657E-01	3.135E-01	7.161E-01	2.526E+03	2.934E+03	-1.823E+03	7.963E-01	-7.485E-01	9.775E-01	4.564E+03	8.956E+02	2.301E+00
272	4	5	-1.423E-01	2.357E-04	5.054E-01	2.620E+03	3.031E+03	-1.874E+03	4.393E-01	-5.814E-01	8.555E-01	4.711E+03	9.399E+02	2.302E+00
272	4	6	-1.409E-01	-1.130E-03	5.024E-01	2.621E+03	3.032E+03	-1.874E+03	4.362E-01	-5.783E-01	8.545E-01	4.712E+03	9.406E+02	2.302E+00
272	4	7	-2.653E-01	3.127E-01	7.153E-01	2.527E+03	2.934E+03	-1.823E+03	7.952E-01	-7.478E-01	9.774E-01	4.565E+03	8.967E+02	2.301E+00
272	4	8	-2.639E-01	3.114E-01	7.124E-01	2.528E+03	2.935E+03	-1.823E+03	7.920E-01	-7.445E-01	9.773E-01	4.565E+03	8.974E+02	2.301E+00
272	4	9	-6.440E-01	1.009E+00	1.532E+00	2.274E+03	2.688E+03	-1.491E+03	1.923E+00	-1.558E+00	1.033E+00	3.986E+03	9.759E+02	2.287E+00
272	4	10	-6.426E-01	1.008E+00	1.529E+00	2.275E+03	2.689E+03	-1.491E+03	1.920E+00	-1.555E+00	1.033E+00	3.987E+03	9.766E+02	2.287E+00
272	4	11	-7.669E-01	1.321E+00	1.742E+00	2.182E+03	2.591E+03	-1.439E+03	2.308E+00	-1.754E+00	1.055E+00	3.840E+03	9.325E+02	2.286E+00
272	4	12	-7.655E-01	1.320E+00	1.739E+00	2.182E+03	2.592E+03	-1.439E+03	2.305E+00	-1.751E+00	1.055E+00	3.841E+03	9.333E+02	2.286E+00
272	4	13	-6.422E-01	1.007E+00	1.528E+00	2.276E+03	2.689E+03	-1.490E+03	1.919E+00	-1.554E+00	1.033E+00	3.987E+03	9.777E+02	2.287E+00
272	4	14	-6.408E-01	1.005E+00	1.526E+00	2.277E+03	2.690E+03	-1.490E+03	1.916E+00	-1.551E+00	1.033E+00	3.988E+03	9.785E+02	2.287E+00
272	4	15	-7.651E-01	1.319E+00	1.738E+00	2.183E+03	2.592E+03	-1.439E+03	2.304E+00	-1.750E+00	1.055E+00	3.841E+03	9.344E+02	2.286E+00
272	4	16	-7.637E-01	1.318E+00	1.735E+00	2.184E+03	2.593E+03	-1.439E+03	2.301E+00	-1.747E+00	1.056E+00	3.842E+03	9.352E+02	2.286E+00
273	1	1	-1.419E-01	-4.047E+00	1.370E+00	2.481E+03	2.354E+03	-1.217E+03	2.906E-01	-4.479E+00	3.059E-01	3.636E+03	1.199E+03	-7.594E-01
273	1	2	-1.414E-01	-4.054E+00	1.371E+00	2.481E+03	2.356E+03	-1.217E+03	2.913E-01	-4.487E+00	3.057E-01	3.637E+03	1.200E+03	-7.598E-01
273	1	3	-2.659E-01	-4.020E+00	1.494E+00	2.506E+03	2.347E+03	-1.232E+03	2.558E-01	-4.542E+00	3.361E-01	3.661E+03	1.192E+03	-7.532E-01
273	1	4	-2.654E-01	-4.027E+00	1.495E+00	2.506E+03	2.349E+03	-1.232E+03	2.564E-01	-4.549E+00	3.358E-01	3.662E+03	1.193E+03	-7.536E-01

273	1	5	-1.380E-01	-4.059E+00	1.369E+00	2.479E+03	2.356E+03	-1.216E+03	2.929E-01	-4.490E+00	3.049E-01	3.636E+03	1.200E+03	-7.600E-01
273	1	6	-1.375E-01	-4.066E+00	1.371E+00	2.479E+03	2.358E+03	-1.216E+03	2.935E-01	-4.497E+00	3.047E-01	3.637E+03	1.201E+03	-7.605E-01
273	1	7	-2.620E-01	-4.032E+00	1.493E+00	2.505E+03	2.349E+03	-1.231E+03	2.577E-01	-4.552E+00	3.350E-01	3.661E+03	1.194E+03	-7.538E-01
273	1	8	-2.615E-01	-4.039E+00	1.495E+00	2.505E+03	2.351E+03	-1.231E+03	2.583E-01	-4.559E+00	3.347E-01	3.662E+03	1.195E+03	-7.542E-01
273	1	9	8.855E-01	-1.406E+00	-4.269E-01	2.041E+03	8.134E+02	-8.366E+02	9.624E-01	-1.483E+00	-1.783E-01	2.465E+03	3.896E+02	-4.689E-01
273	1	10	8.860E-01	-1.413E+00	-4.253E-01	2.041E+03	8.154E+02	-8.366E+02	9.621E-01	-1.490E+00	-1.772E-01	2.465E+03	3.912E+02	-4.693E-01
273	1	11	7.615E-01	-1.379E+00	-3.030E-01	2.067E+03	8.068E+02	-8.513E+02	8.036E-01	-1.421E+00	-1.379E-01	2.496E+03	3.777E+02	-4.669E-01
273	1	12	7.620E-01	-1.387E+00	-3.015E-01	2.067E+03	8.088E+02	-8.513E+02	8.035E-01	-1.428E+00	-1.368E-01	2.496E+03	3.793E+02	-4.673E-01
273	1	13	8.894E-01	-1.418E+00	-4.272E-01	2.040E+03	8.155E+02	-8.359E+02	9.659E-01	-1.495E+00	-1.773E-01	2.464E+03	3.916E+02	-4.693E-01
273	1	14	8.899E-01	-1.425E+00	-4.257E-01	2.040E+03	8.175E+02	-8.359E+02	9.657E-01	-1.501E+00	-1.762E-01	2.464E+03	3.932E+02	-4.697E-01
273	1	15	7.654E-01	-1.391E+00	-3.034E-01	2.066E+03	8.088E+02	-8.506E+02	8.072E-01	-1.433E+00	-1.371E-01	2.495E+03	3.797E+02	-4.673E-01
273	1	16	7.659E-01	-1.398E+00	-3.019E-01	2.065E+03	8.109E+02	-8.506E+02	8.072E-01	-1.440E+00	-1.360E-01	2.495E+03	3.813E+02	-4.677E-01
273	2	1	2.896E-01	-5.768E+00	8.458E-01	4.417E+03	-3.686E+03	-1.157E+03	4.055E-01	-5.884E+00	1.361E-01	4.579E+03	-3.848E+03	-1.391E-01
273	2	2	2.902E-01	-5.777E+00	8.466E-01	4.417E+03	-3.684E+03	-1.156E+03	4.061E-01	-5.893E+00	1.361E-01	4.579E+03	-3.845E+03	-1.390E-01
273	2	3	2.266E-01	-5.707E+00	1.004E+00	4.443E+03	-3.723E+03	-1.194E+03	3.918E-01	-5.872E+00	1.631E-01	4.614E+03	-3.894E+03	-1.423E-01
273	2	4	2.272E-01	-5.716E+00	1.005E+00	4.443E+03	-3.721E+03	-1.193E+03	3.924E-01	-5.881E+00	1.630E-01	4.614E+03	-3.892E+03	-1.422E-01
273	2	5	2.921E-01	-5.783E+00	8.437E-01	4.416E+03	-3.682E+03	-1.155E+03	4.071E-01	-5.898E+00	1.355E-01	4.578E+03	-3.843E+03	-1.389E-01
273	2	6	2.927E-01	-5.792E+00	8.445E-01	4.417E+03	-3.679E+03	-1.154E+03	4.077E-01	-5.907E+00	1.354E-01	4.578E+03	-3.840E+03	-1.388E-01
273	2	7	2.291E-01	-5.722E+00	1.002E+00	4.442E+03	-3.719E+03	-1.192E+03	3.932E-01	-5.886E+00	1.624E-01	4.612E+03	-3.889E+03	-1.421E-01
273	2	8	2.297E-01	-5.731E+00	1.002E+00	4.442E+03	-3.716E+03	-1.191E+03	3.938E-01	-5.895E+00	1.622E-01	4.613E+03	-3.887E+03	-1.420E-01
273	2	9	5.811E-01	-1.664E+00	-6.965E-01	3.838E+03	-5.133E+03	-8.502E+02	7.796E-01	-1.863E+00	-2.776E-01	3.918E+03	-5.213E+03	-9.367E-02
273	2	10	5.817E-01	-1.673E+00	-6.956E-01	3.838E+03	-5.130E+03	-8.495E+02	7.790E-01	-1.870E+00	-2.764E-01	3.918E+03	-5.210E+03	-9.362E-02
273	2	11	5.181E-01	-1.603E+00	-5.385E-01	3.863E+03	-5.170E+03	-8.873E+02	6.470E-01	-1.732E+00	-2.349E-01	3.950E+03	-5.256E+03	-9.700E-02
273	2	12	5.187E-01	-1.612E+00	-5.376E-01	3.863E+03	-5.167E+03	-8.866E+02	6.467E-01	-1.740E+00	-2.337E-01	3.950E+03	-5.253E+03	-9.695E-02
273	2	13	5.836E-01	-1.679E+00	-6.986E-01	3.837E+03	-5.128E+03	-8.478E+02	7.819E-01	-1.877E+00	-2.766E-01	3.916E+03	-5.208E+03	-9.347E-02
273	2	14	5.842E-01	-1.688E+00	-6.977E-01	3.837E+03	-5.126E+03	-8.471E+02	7.813E-01	-1.885E+00	-2.754E-01	3.917E+03	-5.205E+03	-9.341E-02
273	2	15	5.206E-01	-1.618E+00	-5.406E-01	3.862E+03	-5.165E+03	-8.850E+02	6.495E-01	-1.746E+00	-2.341E-01	3.948E+03	-5.251E+03	-9.680E-02
273	2	16	5.212E-01	-1.627E+00	-5.397E-01	3.863E+03	-5.163E+03	-8.843E+02	6.492E-01	-1.755E+00	-2.329E-01	3.949E+03	-5.249E+03	-9.675E-02
273	3	1	-2.238E-02	-4.036E+00	3.240E-01	2.167E+03	-1.152E+04	-2.580E+02	3.611E-03	-4.061E+00	8.005E-02	2.172E+03	-1.152E+04	-1.884E-02
273	3	2	-2.281E-02	-4.043E+00	3.243E-01	2.167E+03	-1.151E+04	-2.575E+02	3.191E-03	-4.069E+00	7.999E-02	2.172E+03	-1.152E+04	-1.882E-02
273	3	3	7.059E-03	-4.046E+00	4.826E-01	2.164E+03	-1.158E+04	-2.730E+02	6.372E-02	-4.102E+00	1.169E-01	2.170E+03	-1.159E+04	-1.985E-02
273	3	4	6.633E-03	-4.053E+00	4.829E-01	2.165E+03	-1.158E+04	-2.726E+02	6.328E-02	-4.109E+00	1.168E-01	2.170E+03	-1.159E+04	-1.982E-02
273	3	5	-2.345E-02	-4.046E+00	3.213E-01	2.168E+03	-1.151E+04	-2.566E+02	2.051E-03	-4.072E+00	7.920E-02	2.172E+03	-1.152E+04	-1.875E-02
273	3	6	-2.387E-02	-4.053E+00	3.216E-01	2.168E+03	-1.151E+04	-2.562E+02	1.632E-03	-4.079E+00	7.914E-02	2.173E+03	-1.151E+04	-1.872E-02
273	3	7	5.996E-03	-4.056E+00	4.798E-01	2.165E+03	-1.158E+04	-2.716E+02	6.189E-02	-4.112E+00	1.160E-01	2.170E+03	-1.158E+04	-1.975E-02
273	3	8	5.571E-03	-4.063E+00	4.801E-01	2.166E+03	-1.158E+04	-2.712E+02	6.145E-02	-4.119E+00	1.159E-01	2.171E+03	-1.158E+04	-1.973E-02
273	3	9	-2.201E-01	-1.179E+00	-7.521E-01	2.014E+03	-1.229E+04	-1.347E+02	1.925E-01	-1.591E+00	-5.017E-01	2.015E+03	-1.229E+04	-9.418E-03
273	3	10	-2.205E-01	-1.186E+00	-7.518E-01	2.014E+03	-1.229E+04	-1.343E+02	1.903E-01	-1.596E+00	-5.001E-01	2.016E+03	-1.229E+04	-9.391E-03
273	3	11	-1.907E-01	-1.189E+00	-5.936E-01	2.012E+03	-1.236E+04	-1.498E+02	8.577E-02	-1.465E+00	-4.358E-01	2.013E+03	-1.236E+04	-1.042E-02
273	3	12	-1.911E-01	-1.196E+00	-5.933E-01	2.012E+03	-1.236E+04	-1.494E+02	8.394E-02	-1.471E+00	-4.341E-01	2.014E+03	-1.236E+04	-1.040E-02
273	3	13	-2.212E-01	-1.189E+00	-7.549E-01	2.015E+03	-1.229E+04	-1.334E+02	1.915E-01	-1.602E+00	-5.003E-01	2.016E+03	-1.229E+04	-9.326E-03
273	3	14	-2.216E-01	-1.196E+00	-7.546E-01	2.015E+03	-1.228E+04	-1.330E+02	1.893E-01	-1.607E+00	-4.987E-01	2.016E+03	-1.228E+04	-9.299E-03
273	3	15	-1.917E-01	-1.199E+00	-5.963E-01	2.012E+03	-1.235E+04	-1.484E+02	8.510E-02	-1.476E+00	-4.346E-01	2.014E+03	-1.235E+04	-1.033E-02

273	3	16	-1.922E-01	-1.207E+00	-5.960E-01	2.013E+03	-1.235E+04	-1.480E+02	8.328E-02	-1.482E+00	-4.329E-01	2.014E+03	-1.235E+04	-1.030E-02
273	4	1	-5.698E-01	-2.321E+00	8.240E-01	4.552E+02	-5.689E+03	-1.738E+03	-2.430E-01	-2.648E+00	3.776E-01	9.128E+02	-6.146E+03	-2.574E-01
273	4	2	-5.703E-01	-2.326E+00	8.250E-01	4.550E+02	-5.687E+03	-1.737E+03	-2.435E-01	-2.653E+00	3.772E-01	9.125E+02	-6.144E+03	-2.574E-01
273	4	3	-6.014E-01	-2.366E+00	9.484E-01	4.560E+02	-5.728E+03	-1.764E+03	-1.883E-01	-2.779E+00	4.108E-01	9.236E+02	-6.196E+03	-2.592E-01
273	4	4	-6.019E-01	-2.371E+00	9.494E-01	4.557E+02	-5.726E+03	-1.763E+03	-1.888E-01	-2.784E+00	4.104E-01	9.233E+02	-6.194E+03	-2.592E-01
273	4	5	-5.695E-01	-2.328E+00	8.230E-01	4.551E+02	-5.685E+03	-1.736E+03	-2.445E-01	-2.653E+00	3.761E-01	9.121E+02	-6.142E+03	-2.574E-01
273	4	6	-5.700E-01	-2.334E+00	8.240E-01	4.548E+02	-5.683E+03	-1.736E+03	-2.449E-01	-2.659E+00	3.758E-01	9.117E+02	-6.140E+03	-2.574E-01
273	4	7	-6.011E-01	-2.373E+00	9.474E-01	4.558E+02	-5.725E+03	-1.762E+03	-1.900E-01	-2.784E+00	4.094E-01	9.229E+02	-6.192E+03	-2.591E-01
273	4	8	-6.016E-01	-2.378E+00	9.484E-01	4.556E+02	-5.723E+03	-1.762E+03	-1.905E-01	-2.789E+00	4.090E-01	9.226E+02	-6.190E+03	-2.591E-01
273	4	9	2.002E-01	-9.141E-01	-4.586E-01	6.487E+02	-6.632E+03	-1.548E+03	3.647E-01	-1.079E+00	-3.443E-01	9.642E+02	-6.948E+03	-2.010E-01
273	4	10	1.997E-01	-9.193E-01	-4.576E-01	6.485E+02	-6.630E+03	-1.548E+03	3.630E-01	-1.083E+00	-3.427E-01	9.639E+02	-6.946E+03	-2.010E-01
273	4	11	1.686E-01	-9.589E-01	-3.342E-01	6.495E+02	-6.672E+03	-1.574E+03	2.602E-01	-1.050E+00	-2.676E-01	9.735E+02	-6.996E+03	-2.030E-01
273	4	12	1.681E-01	-9.641E-01	-3.332E-01	6.493E+02	-6.670E+03	-1.574E+03	2.589E-01	-1.055E+00	-2.660E-01	9.732E+02	-6.994E+03	-2.030E-01
273	4	13	2.005E-01	-9.217E-01	-4.596E-01	6.486E+02	-6.629E+03	-1.547E+03	3.647E-01	-1.086E+00	-3.431E-01	9.636E+02	-6.944E+03	-2.010E-01
273	4	14	2.000E-01	-9.269E-01	-4.586E-01	6.483E+02	-6.627E+03	-1.546E+03	3.630E-01	-1.090E+00	-3.416E-01	9.633E+02	-6.942E+03	-2.010E-01
273	4	15	1.689E-01	-9.665E-01	-3.352E-01	6.493E+02	-6.669E+03	-1.572E+03	2.605E-01	-1.058E+00	-2.667E-01	9.729E+02	-6.992E+03	-2.029E-01
273	4	16	1.684E-01	-9.717E-01	-3.342E-01	6.491E+02	-6.667E+03	-1.572E+03	2.592E-01	-1.062E+00	-2.651E-01	9.726E+02	-6.990E+03	-2.029E-01
274	1	1	8.801E-01	-2.913E+00	-7.647E-01	-4.271E+03	-1.894E+03	-1.162E+03	1.028E+00	-3.062E+00	-1.916E-01	-1.421E+03	-4.744E+03	1.958E+00
274	1	2	8.783E-01	-2.918E+00	-7.674E-01	-4.270E+03	-1.893E+03	-1.161E+03	1.028E+00	-3.067E+00	-1.921E-01	-1.420E+03	-4.743E+03	1.958E+00
274	1	3	9.030E-01	-2.897E+00	-5.087E-01	-4.271E+03	-1.928E+03	-1.186E+03	9.699E-01	-2.964E+00	-1.308E-01	-1.432E+03	-4.767E+03	1.967E+00
274	1	4	9.012E-01	-2.901E+00	-5.115E-01	-4.271E+03	-1.926E+03	-1.185E+03	9.688E-01	-2.969E+00	-1.314E-01	-1.432E+03	-4.766E+03	1.966E+00
274	1	5	8.725E-01	-2.920E+00	-7.714E-01	-4.270E+03	-1.891E+03	-1.160E+03	1.023E+00	-3.071E+00	-1.932E-01	-1.420E+03	-4.741E+03	1.957E+00
274	1	6	8.707E-01	-2.925E+00	-7.741E-01	-4.269E+03	-1.890E+03	-1.159E+03	1.023E+00	-3.077E+00	-1.937E-01	-1.419E+03	-4.740E+03	1.957E+00
274	1	7	8.954E-01	-2.904E+00	-5.154E-01	-4.270E+03	-1.925E+03	-1.184E+03	9.641E-01	-2.972E+00	-1.325E-01	-1.431E+03	-4.764E+03	1.966E+00
274	1	8	8.936E-01	-2.908E+00	-5.182E-01	-4.270E+03	-1.923E+03	-1.183E+03	9.630E-01	-2.978E+00	-1.331E-01	-1.431E+03	-4.763E+03	1.966E+00
274	1	9	-2.292E+00	-6.185E-01	-1.319E+00	-3.937E+03	-2.513E+03	-1.380E+03	1.069E-01	-3.017E+00	2.074E+00	-1.672E+03	-4.777E+03	2.118E+00
274	1	10	-2.294E+00	-6.230E-01	-1.322E+00	-3.936E+03	-2.512E+03	-1.379E+03	1.053E-01	-3.022E+00	2.074E+00	-1.672E+03	-4.776E+03	2.118E+00
274	1	11	-2.269E+00	-6.018E-01	-1.063E+00	-3.937E+03	-2.546E+03	-1.404E+03	-8.441E-02	-2.786E+00	2.024E+00	-1.675E+03	-4.809E+03	2.126E+00
274	1	12	-2.271E+00	-6.062E-01	-1.066E+00	-3.937E+03	-2.545E+03	-1.403E+03	-8.618E-02	-2.791E+00	2.025E+00	-1.675E+03	-4.807E+03	2.126E+00
274	1	13	-2.299E+00	-6.255E-01	-1.326E+00	-3.936E+03	-2.510E+03	-1.377E+03	1.054E-01	-3.030E+00	2.075E+00	-1.672E+03	-4.774E+03	2.117E+00
274	1	14	-2.301E+00	-6.300E-01	-1.329E+00	-3.935E+03	-2.509E+03	-1.376E+03	1.039E-01	-3.035E+00	2.075E+00	-1.672E+03	-4.772E+03	2.117E+00
274	1	15	-2.276E+00	-6.087E-01	-1.070E+00	-3.936E+03	-2.543E+03	-1.402E+03	-8.619E-02	-2.799E+00	2.025E+00	-1.674E+03	-4.805E+03	2.126E+00
274	1	16	-2.278E+00	-6.132E-01	-1.073E+00	-3.936E+03	-2.542E+03	-1.401E+03	-8.795E-02	-2.803E+00	2.026E+00	-1.674E+03	-4.804E+03	2.125E+00
274	2	1	6.923E-01	1.907E-02	-1.296E+00	-8.062E+03	-6.984E+03	-5.927E+02	1.695E+00	-9.833E-01	-6.583E-01	-6.722E+03	-8.324E+03	1.987E+00
274	2	2	6.912E-01	1.890E-02	-1.298E+00	-8.062E+03	-6.984E+03	-5.919E+02	1.696E+00	-9.858E-01	-6.587E-01	-6.722E+03	-8.323E+03	1.987E+00
274	2	3	6.478E-01	4.568E-02	-1.114E+00	-8.031E+03	-6.992E+03	-6.248E+02	1.501E+00	-8.073E-01	-6.534E-01	-6.699E+03	-8.324E+03	2.009E+00
274	2	4	6.467E-01	4.551E-02	-1.116E+00	-8.031E+03	-6.992E+03	-6.240E+02	1.502E+00	-8.098E-01	-6.539E-01	-6.699E+03	-8.323E+03	2.009E+00
274	2	5	6.876E-01	1.870E-02	-1.300E+00	-8.062E+03	-6.983E+03	-5.909E+02	1.695E+00	-9.887E-01	-6.594E-01	-6.723E+03	-8.323E+03	1.986E+00
274	2	6	6.865E-01	1.853E-02	-1.302E+00	-8.062E+03	-6.983E+03	-5.901E+02	1.696E+00	-9.912E-01	-6.598E-01	-6.723E+03	-8.322E+03	1.986E+00
274	2	7	6.431E-01	4.531E-02	-1.118E+00	-8.031E+03	-6.991E+03	-6.231E+02	1.501E+00	-8.127E-01	-6.547E-01	-6.700E+03	-8.322E+03	2.009E+00
274	2	8	6.420E-01	4.514E-02	-1.120E+00	-8.031E+03	-6.991E+03	-6.222E+02	1.502E+00	-8.152E-01	-6.552E-01	-6.700E+03	-8.322E+03	2.008E+00
274	2	9	-1.655E+00	2.447E-01	-2.970E-01	-7.920E+03	-7.511E+03	-7.209E+02	2.900E-01	-1.701E+00	1.722E+00	-6.966E+03	-8.465E+03	2.218E+00
274	2	10	-1.656E+00	2.445E-01	-2.990E-01	-7.920E+03	-7.511E+03	-7.201E+02	2.904E-01	-1.702E+00	1.723E+00	-6.967E+03	-8.464E+03	2.218E+00

274	2	11	-1.700E+00	2.713E-01	-1.151E-01	-7.889E+03	-7.519E+03	-7.530E+02	2.780E-01	-1.706E+00	1.629E+00	-6.929E+03	-8.479E+03	2.236E+00
274	2	12	-1.701E+00	2.711E-01	-1.171E-01	-7.889E+03	-7.519E+03	-7.522E+02	2.780E-01	-1.708E+00	1.630E+00	-6.930E+03	-8.479E+03	2.236E+00
274	2	13	-1.660E+00	2.443E-01	-3.005E-01	-7.920E+03	-7.511E+03	-7.191E+02	2.906E-01	-1.706E+00	1.724E+00	-6.968E+03	-8.463E+03	2.218E+00
274	2	14	-1.661E+00	2.441E-01	-3.025E-01	-7.920E+03	-7.511E+03	-7.183E+02	2.910E-01	-1.708E+00	1.725E+00	-6.968E+03	-8.462E+03	2.217E+00
274	2	15	-1.704E+00	2.709E-01	-1.187E-01	-7.889E+03	-7.519E+03	-7.512E+02	2.780E-01	-1.712E+00	1.631E+00	-6.930E+03	-8.477E+03	2.235E+00
274	2	16	-1.706E+00	2.707E-01	-1.207E-01	-7.889E+03	-7.519E+03	-7.504E+02	2.781E-01	-1.713E+00	1.632E+00	-6.931E+03	-8.477E+03	2.235E+00
274	3	1	5.060E-01	-2.832E+00	-7.652E-01	-4.471E+03	-8.694E+03	-2.039E+03	6.731E-01	-2.999E+00	-2.149E-01	-3.647E+03	-9.518E+03	-3.840E-01
274	3	2	5.056E-01	-2.837E+00	-7.680E-01	-4.471E+03	-8.693E+03	-2.039E+03	6.735E-01	-3.005E+00	-2.153E-01	-3.647E+03	-9.517E+03	-3.840E-01
274	3	3	3.942E-01	-2.758E+00	-5.092E-01	-4.467E+03	-8.699E+03	-2.053E+03	4.744E-01	-2.839E+00	-1.562E-01	-3.635E+03	-9.531E+03	-3.851E-01
274	3	4	3.937E-01	-2.763E+00	-5.120E-01	-4.467E+03	-8.698E+03	-2.052E+03	4.747E-01	-2.844E+00	-1.568E-01	-3.635E+03	-9.530E+03	-3.851E-01
274	3	5	5.042E-01	-2.842E+00	-7.719E-01	-4.470E+03	-8.692E+03	-2.038E+03	6.737E-01	-3.011E+00	-2.161E-01	-3.647E+03	-9.516E+03	-3.839E-01
274	3	6	5.038E-01	-2.847E+00	-7.747E-01	-4.470E+03	-8.691E+03	-2.038E+03	6.742E-01	-3.017E+00	-2.166E-01	-3.647E+03	-9.514E+03	-3.839E-01
274	3	7	3.924E-01	-2.768E+00	-5.160E-01	-4.467E+03	-8.697E+03	-2.051E+03	4.745E-01	-2.850E+00	-1.578E-01	-3.635E+03	-9.529E+03	-3.850E-01
274	3	8	3.919E-01	-2.773E+00	-5.187E-01	-4.466E+03	-8.696E+03	-2.051E+03	4.748E-01	-2.856E+00	-1.584E-01	-3.635E+03	-9.528E+03	-3.850E-01
274	3	9	-1.024E+00	-1.080E+00	-1.320E+00	-4.358E+03	-9.781E+03	-1.995E+03	2.685E-01	-2.372E+00	-7.749E-01	-3.703E+03	-1.044E+04	-3.171E-01
274	3	10	-1.024E+00	-1.085E+00	-1.323E+00	-4.358E+03	-9.780E+03	-1.994E+03	2.686E-01	-2.378E+00	-7.740E-01	-3.703E+03	-1.043E+04	-3.171E-01
274	3	11	-1.136E+00	-1.006E+00	-1.064E+00	-4.354E+03	-9.786E+03	-2.008E+03	-4.673E-03	-2.137E+00	2.326E+00	-3.692E+03	-1.045E+04	-3.183E-01
274	3	12	-1.136E+00	-1.011E+00	-1.067E+00	-4.354E+03	-9.785E+03	-2.008E+03	-4.797E-03	-2.142E+00	2.327E+00	-3.692E+03	-1.045E+04	-3.183E-01
274	3	13	-1.026E+00	-1.089E+00	-1.327E+00	-4.357E+03	-9.780E+03	-1.993E+03	2.697E-01	-2.384E+00	-7.735E-01	-3.703E+03	-1.043E+04	-3.170E-01
274	3	14	-1.026E+00	-1.094E+00	-1.329E+00	-4.357E+03	-9.779E+03	-1.993E+03	2.698E-01	-2.390E+00	-7.727E-01	-3.703E+03	-1.043E+04	-3.170E-01
274	3	15	-1.138E+00	-1.015E+00	-1.071E+00	-4.354E+03	-9.785E+03	-2.007E+03	-3.794E-03	-2.149E+00	2.328E+00	-3.692E+03	-1.045E+04	-3.182E-01
274	3	16	-1.138E+00	-1.020E+00	-1.073E+00	-4.353E+03	-9.784E+03	-2.007E+03	-3.909E-03	-2.154E+00	2.329E+00	-3.692E+03	-1.044E+04	-3.182E-01
274	4	1	6.897E-01	-5.760E+00	-7.191E-01	-6.627E+02	-5.607E+03	-2.143E+03	7.689E-01	-5.839E+00	-1.097E-01	1.367E+02	-6.407E+03	-3.571E-01
274	4	2	6.886E-01	-5.769E+00	-7.226E-01	-6.622E+02	-5.605E+03	-2.142E+03	7.685E-01	-5.849E+00	-1.101E-01	1.371E+02	-6.404E+03	-3.571E-01
274	4	3	6.453E-01	-5.696E+00	-3.891E-01	-6.904E+02	-5.644E+03	-2.175E+03	6.690E-01	-5.719E+00	-6.105E-02	1.287E+02	-6.463E+03	-3.603E-01
274	4	4	6.441E-01	-5.705E+00	-3.925E-01	-6.899E+02	-5.641E+03	-2.174E+03	6.683E-01	-5.729E+00	-6.151E-02	1.291E+02	-6.460E+03	-3.603E-01
274	4	5	6.850E-01	-5.776E+00	-7.290E-01	-6.611E+02	-5.603E+03	-2.141E+03	7.663E-01	-5.857E+00	-1.110E-01	1.372E+02	-6.401E+03	-3.570E-01
274	4	6	6.839E-01	-5.785E+00	-7.325E-01	-6.607E+02	-5.600E+03	-2.140E+03	7.658E-01	-5.867E+00	-1.114E-01	1.375E+02	-6.398E+03	-3.570E-01
274	4	7	6.406E-01	-5.712E+00	-3.989E-01	-6.889E+02	-5.639E+03	-2.172E+03	6.655E-01	-5.737E+00	-6.247E-02	1.292E+02	-6.457E+03	-3.602E-01
274	4	8	6.395E-01	-5.721E+00	-4.024E-01	-6.884E+02	-5.637E+03	-2.172E+03	6.648E-01	-5.746E+00	-6.294E-02	1.295E+02	-6.455E+03	-3.602E-01
274	4	9	-1.656E+00	-1.948E+00	-1.857E+00	-3.940E+02	-7.012E+03	-1.881E+03	6.043E-02	-3.665E+00	-7.462E-01	1.031E+02	-7.509E+03	-2.584E-01
274	4	10	-1.658E+00	-1.957E+00	-1.860E+00	-3.935E+02	-7.009E+03	-1.880E+03	5.902E-02	-3.674E+00	-7.452E-01	1.034E+02	-7.506E+03	-2.584E-01
274	4	11	-1.701E+00	-1.884E+00	-1.527E+00	-4.218E+02	-7.048E+03	-1.912E+03	-2.628E-01	-3.322E+00	-7.555E-01	9.054E+01	-7.561E+03	-2.617E-01
274	4	12	-1.702E+00	-1.893E+00	-1.530E+00	-4.213E+02	-7.046E+03	-1.912E+03	-2.642E-01	-3.331E+00	-7.542E-01	9.086E+01	-7.558E+03	-2.617E-01
274	4	13	-1.661E+00	-1.964E+00	-1.867E+00	-3.925E+02	-7.007E+03	-1.878E+03	6.039E-02	-3.685E+00	-7.449E-01	1.037E+02	-7.503E+03	-2.583E-01
274	4	14	-1.662E+00	-1.973E+00	-1.870E+00	-3.920E+02	-7.004E+03	-1.878E+03	5.899E-02	-3.694E+00	-7.439E-01	1.041E+02	-7.500E+03	-2.583E-01
274	4	15	-1.706E+00	-1.900E+00	-1.537E+00	-4.203E+02	-7.044E+03	-1.910E+03	-2.629E-01	-3.342E+00	-7.538E-01	9.116E+01	-7.555E+03	-2.616E-01
274	4	16	-1.707E+00	-1.909E+00	-1.540E+00	-4.198E+02	-7.041E+03	-1.910E+03	-2.644E-01	-3.351E+00	-7.526E-01	9.147E+01	-7.552E+03	-2.616E-01
275	1	1	1.174E+00	-3.120E+00	1.869E-01	-4.334E+03	-1.830E+03	1.098E+03	1.182E+00	-3.128E+00	4.342E-02	-1.417E+03	-4.747E+03	1.211E+00
275	1	2	1.176E+00	-3.115E+00	1.842E-01	-4.334E+03	-1.832E+03	1.099E+03	1.184E+00	-3.123E+00	4.281E-02	-1.418E+03	-4.748E+03	1.210E+00
275	1	3	6.654E-01	-3.085E+00	5.914E-01	-4.247E+03	-1.738E+03	1.069E+03	7.565E-01	-3.176E+00	1.527E-01	-1.344E+03	-4.640E+03	1.218E+00
275	1	4	6.672E-01	-3.081E+00	5.886E-01	-4.247E+03	-1.740E+03	1.070E+03	7.575E-01	-3.171E+00	1.522E-01	-1.345E+03	-4.641E+03	1.218E+00
275	1	5	1.176E+00	-3.115E+00	1.832E-01	-4.333E+03	-1.832E+03	1.100E+03	1.184E+00	-3.122E+00	4.258E-02	-1.417E+03	-4.748E+03	1.210E+00

275	1	6	1.178E+00	-3.110E+00	1.804E-01	-4.334E+03	-1.833E+03	1.101E+03	1.186E+00	-3.118E+00	4.197E-02	-1.418E+03	-4.749E+03	1.210E+00
275	1	7	6.673E-01	-3.080E+00	5.876E-01	-4.246E+03	-1.739E+03	1.071E+03	7.572E-01	-3.170E+00	1.520E-01	-1.344E+03	-4.641E+03	1.217E+00
275	1	8	6.691E-01	-3.075E+00	5.849E-01	-4.247E+03	-1.741E+03	1.072E+03	7.583E-01	-3.165E+00	1.514E-01	-1.345E+03	-4.642E+03	1.217E+00
275	1	9	-2.079E+00	-5.344E-01	1.265E+00	-3.956E+03	-2.646E+03	1.454E+03	1.757E-01	-2.789E+00	1.059E+00	-1.706E+03	-4.896E+03	9.970E-01
275	1	10	-2.077E+00	-5.300E-01	1.263E+00	-3.956E+03	-2.647E+03	1.456E+03	1.772E-01	-2.784E+00	1.060E+00	-1.706E+03	-4.898E+03	9.967E-01
275	1	11	-2.588E+00	-4.997E-01	1.670E+00	-3.869E+03	-2.554E+03	1.426E+03	4.255E-01	-3.513E+00	1.065E+00	-1.642E+03	-4.781E+03	1.001E+00
275	1	12	-2.586E+00	-4.952E-01	1.667E+00	-3.869E+03	-2.555E+03	1.427E+03	4.270E-01	-3.508E+00	1.065E+00	-1.642E+03	-4.783E+03	1.001E+00
275	1	13	-2.077E+00	-5.293E-01	1.262E+00	-3.956E+03	-2.647E+03	1.456E+03	1.769E-01	-2.783E+00	1.061E+00	-1.705E+03	-4.898E+03	9.965E-01
275	1	14	-2.075E+00	-5.248E-01	1.259E+00	-3.956E+03	-2.649E+03	1.457E+03	1.783E-01	-2.778E+00	1.061E+00	-1.705E+03	-4.900E+03	9.962E-01
275	1	15	-2.586E+00	-4.946E-01	1.666E+00	-3.869E+03	-2.555E+03	1.428E+03	4.267E-01	-3.507E+00	1.066E+00	-1.641E+03	-4.783E+03	1.001E+00
275	1	16	-2.584E+00	-4.901E-01	1.663E+00	-3.869E+03	-2.557E+03	1.429E+03	4.282E-01	-3.502E+00	1.066E+00	-1.641E+03	-4.785E+03	1.001E+00
275	2	1	8.197E-01	-6.179E+00	-3.895E-02	-7.713E+02	-5.465E+03	2.220E+03	8.199E-01	-6.179E+00	-5.565E-03	1.126E+02	-6.349E+03	3.788E-01
275	2	2	8.208E-01	-6.170E+00	-4.244E-02	-7.718E+02	-5.468E+03	2.221E+03	8.211E-01	-6.170E+00	-6.071E-03	1.122E+02	-6.352E+03	3.788E-01
275	2	3	5.333E-01	-6.289E+00	6.104E-01	-6.667E+02	-5.422E+03	2.136E+03	5.875E-01	-6.344E+00	8.852E-02	1.519E+02	-6.241E+03	3.660E-01
275	2	4	5.345E-01	-6.280E+00	6.069E-01	-6.673E+02	-5.425E+03	2.137E+03	5.881E-01	-6.334E+00	8.813E-02	1.515E+02	-6.243E+03	3.659E-01
275	2	5	8.206E-01	-6.169E+00	-4.368E-02	-7.716E+02	-5.468E+03	2.222E+03	8.209E-01	-6.169E+00	-6.249E-03	1.129E+02	-6.353E+03	3.789E-01
275	2	6	8.218E-01	-6.159E+00	-4.717E-02	-7.721E+02	-5.471E+03	2.222E+03	8.221E-01	-6.160E+00	-6.757E-03	1.125E+02	-6.356E+03	3.788E-01
275	2	7	5.343E-01	-6.279E+00	6.056E-01	-6.671E+02	-5.425E+03	2.138E+03	5.877E-01	-6.332E+00	8.797E-02	1.521E+02	-6.244E+03	3.660E-01
275	2	8	5.354E-01	-6.270E+00	6.021E-01	-6.676E+02	-5.428E+03	2.138E+03	5.883E-01	-6.322E+00	8.758E-02	1.518E+02	-6.247E+03	3.660E-01
275	2	9	-1.560E+00	-1.568E+00	1.675E+00	-3.985E+02	-7.119E+03	1.896E+03	1.110E-01	-3.239E+00	7.841E-01	9.936E+01	-7.617E+03	2.568E-01
275	2	10	-1.558E+00	-1.559E+00	1.671E+00	-3.991E+02	-7.122E+03	1.896E+03	1.127E-01	-3.230E+00	7.853E-01	9.900E+01	-7.620E+03	2.568E-01
275	2	11	-1.846E+00	-1.679E+00	2.324E+00	-2.940E+02	-7.076E+03	1.812E+03	5.635E-01	-4.088E+00	8.034E-01	1.595E+02	-7.530E+03	2.453E-01
275	2	12	-1.845E+00	-1.669E+00	2.321E+00	-2.945E+02	-7.079E+03	1.812E+03	5.654E-01	-4.079E+00	8.043E-01	1.592E+02	-7.533E+03	2.453E-01
275	2	13	-1.559E+00	-1.558E+00	1.670E+00	-3.989E+02	-7.122E+03	1.897E+03	1.120E-01	-3.228E+00	7.855E-01	9.956E+01	-7.621E+03	2.569E-01
275	2	14	-1.557E+00	-1.549E+00	1.667E+00	-3.994E+02	-7.125E+03	1.898E+03	1.137E-01	-3.220E+00	7.867E-01	9.920E+01	-7.624E+03	2.569E-01
275	2	15	-1.845E+00	-1.668E+00	2.320E+00	-2.944E+02	-7.079E+03	1.813E+03	5.647E-01	-4.078E+00	8.045E-01	1.597E+02	-7.533E+03	2.454E-01
275	2	16	-1.844E+00	-1.659E+00	2.316E+00	-2.949E+02	-7.082E+03	1.814E+03	5.666E-01	-4.069E+00	8.054E-01	1.594E+02	-7.536E+03	2.454E-01
275	3	1	4.792E-01	-3.041E+00	1.874E-01	-4.499E+03	-8.618E+03	1.976E+03	4.892E-01	-3.051E+00	5.302E-02	-3.704E+03	-9.413E+03	3.823E-01
275	3	2	4.797E-01	-3.036E+00	1.846E-01	-4.499E+03	-8.619E+03	1.977E+03	4.893E-01	-3.046E+00	5.231E-02	-3.704E+03	-9.414E+03	3.823E-01
275	3	3	4.155E-01	-3.196E+00	5.918E-01	-4.467E+03	-8.665E+03	1.961E+03	5.100E-01	-3.290E+00	1.584E-01	-3.694E+03	-9.438E+03	3.757E-01
275	3	4	4.159E-01	-3.191E+00	5.891E-01	-4.468E+03	-8.666E+03	1.961E+03	5.097E-01	-3.284E+00	1.579E-01	-3.694E+03	-9.439E+03	3.757E-01
275	3	5	4.792E-01	-3.035E+00	1.836E-01	-4.499E+03	-8.619E+03	1.977E+03	4.888E-01	-3.045E+00	5.205E-02	-3.704E+03	-9.415E+03	3.824E-01
275	3	6	4.797E-01	-3.030E+00	1.808E-01	-4.499E+03	-8.620E+03	1.978E+03	4.890E-01	-3.039E+00	5.135E-02	-3.704E+03	-9.416E+03	3.824E-01
275	3	7	4.155E-01	-3.190E+00	5.881E-01	-4.467E+03	-8.666E+03	1.962E+03	5.090E-01	-3.283E+00	1.577E-01	-3.693E+03	-9.440E+03	3.758E-01
275	3	8	4.159E-01	-3.185E+00	5.853E-01	-4.468E+03	-8.667E+03	1.962E+03	5.087E-01	-3.277E+00	1.572E-01	-3.693E+03	-9.441E+03	3.758E-01
275	3	9	-1.051E+00	-7.547E-01	1.266E+00	-4.349E+03	-9.770E+03	2.071E+03	3.722E-01	-2.178E+00	8.436E-01	-3.648E+03	-1.047E+04	3.263E-01
275	3	10	-1.050E+00	-7.496E-01	1.264E+00	-4.350E+03	-9.772E+03	2.072E+03	3.725E-01	-2.172E+00	8.446E-01	-3.649E+03	-1.047E+04	3.263E-01
275	3	11	-1.114E+00	-9.092E-01	1.671E+00	-4.318E+03	-9.817E+03	2.056E+03	6.621E-01	-2.686E+00	8.161E-01	-3.634E+03	-1.050E+04	3.210E-01
275	3	12	-1.114E+00	-9.042E-01	1.668E+00	-4.318E+03	-9.818E+03	2.057E+03	6.622E-01	-2.680E+00	8.168E-01	-3.634E+03	-1.050E+04	3.211E-01
275	3	13	-1.051E+00	-7.488E-01	1.263E+00	-4.349E+03	-9.772E+03	2.073E+03	3.718E-01	-2.171E+00	8.449E-01	-3.648E+03	-1.047E+04	3.263E-01
275	3	14	-1.050E+00	-7.437E-01	1.260E+00	-4.350E+03	-9.773E+03	2.073E+03	3.721E-01	-2.166E+00	8.459E-01	-3.648E+03	-1.047E+04	3.264E-01
275	3	15	-1.114E+00	-9.033E-01	1.667E+00	-4.318E+03	-9.818E+03	2.057E+03	6.615E-01	-2.679E+00	8.170E-01	-3.634E+03	-1.050E+04	3.211E-01
275	3	16	-1.114E+00	-8.983E-01	1.664E+00	-4.318E+03	-9.819E+03	2.058E+03	6.616E-01	-2.674E+00	8.178E-01	-3.634E+03	-1.050E+04	3.211E-01

275	4	1	8.222E-01	3.182E-02	1.210E+00	-8.046E+03	-6.986E+03	-7.207E+02	1.700E+00	-8.455E-01	6.275E-01	-6.622E+03	-8.411E+03	2.039E+00
275	4	2	8.233E-01	3.199E-02	1.208E+00	-8.046E+03	-6.987E+03	-7.199E+02	1.698E+00	-8.431E-01	6.271E-01	-6.623E+03	-8.410E+03	2.039E+00
275	4	3	5.359E-01	2.216E-02	1.369E+00	-8.032E+03	-6.974E+03	-7.445E+02	1.672E+00	-1.114E+00	6.927E-01	-6.589E+03	-8.416E+03	2.047E+00
275	4	4	5.370E-01	2.232E-02	1.367E+00	-8.032E+03	-6.974E+03	-7.437E+02	1.671E+00	-1.112E+00	6.924E-01	-6.590E+03	-8.415E+03	2.047E+00
275	4	5	8.231E-01	3.229E-02	1.207E+00	-8.046E+03	-6.986E+03	-7.189E+02	1.698E+00	-8.423E-01	6.271E-01	-6.623E+03	-8.409E+03	2.039E+00
275	4	6	8.242E-01	3.246E-02	1.205E+00	-8.045E+03	-6.987E+03	-7.180E+02	1.697E+00	-8.399E-01	6.267E-01	-6.624E+03	-8.408E+03	2.039E+00
275	4	7	5.368E-01	2.263E-02	1.366E+00	-8.031E+03	-6.973E+03	-7.427E+02	1.670E+00	-1.111E+00	6.924E-01	-6.591E+03	-8.414E+03	2.047E+00
275	4	8	5.379E-01	2.279E-02	1.364E+00	-8.031E+03	-6.974E+03	-7.418E+02	1.669E+00	-1.108E+00	6.921E-01	-6.591E+03	-8.414E+03	2.047E+00
275	4	9	-1.558E+00	2.659E-01	6.022E-02	-7.925E+03	-7.525E+03	-5.745E+02	2.679E-01	-1.560E+00	1.538E+00	-7.117E+03	-8.333E+03	2.189E+00
275	4	10	-1.557E+00	2.661E-01	5.821E-02	-7.925E+03	-7.526E+03	-5.737E+02	2.680E-01	-1.559E+00	1.539E+00	-7.118E+03	-8.333E+03	2.189E+00
275	4	11	-1.845E+00	2.563E-01	2.198E-01	-7.911E+03	-7.512E+03	-5.983E+02	2.790E-01	-1.867E+00	1.468E+00	-7.081E+03	-8.342E+03	2.196E+00
275	4	12	-1.843E+00	2.564E-01	2.178E-01	-7.911E+03	-7.513E+03	-5.975E+02	2.788E-01	-1.866E+00	1.469E+00	-7.082E+03	-8.341E+03	2.195E+00
275	4	13	-1.557E+00	2.664E-01	5.746E-02	-7.924E+03	-7.525E+03	-5.727E+02	2.682E-01	-1.559E+00	1.539E+00	-7.118E+03	-8.331E+03	2.189E+00
275	4	14	-1.556E+00	2.666E-01	5.544E-02	-7.924E+03	-7.525E+03	-5.718E+02	2.683E-01	-1.558E+00	1.540E+00	-7.119E+03	-8.330E+03	2.188E+00
275	4	15	-1.844E+00	2.567E-01	2.171E-01	-7.910E+03	-7.512E+03	-5.965E+02	2.789E-01	-1.866E+00	1.469E+00	-7.083E+03	-8.340E+03	2.195E+00
275	4	16	-1.843E+00	2.569E-01	2.151E-01	-7.910E+03	-7.512E+03	-5.956E+02	2.787E-01	-1.864E+00	1.470E+00	-7.083E+03	-8.339E+03	2.195E+00
276	1	1	-4.155E-01	-4.384E+00	-1.622E+00	2.542E+03	2.485E+03	1.241E+03	1.628E-01	-4.962E+00	-3.426E-01	3.755E+03	1.271E+03	7.740E-01
276	1	2	-4.160E-01	-4.377E+00	-1.620E+00	2.542E+03	2.483E+03	1.241E+03	1.622E-01	-4.955E+00	-3.428E-01	3.754E+03	1.270E+03	7.735E-01
276	1	3	-9.097E-02	-4.427E+00	-1.293E+00	2.455E+03	2.414E+03	1.193E+03	2.654E-01	-4.783E+00	-2.689E-01	3.627E+03	1.241E+03	7.768E-01
276	1	4	-9.146E-02	-4.419E+00	-1.292E+00	2.455E+03	2.412E+03	1.193E+03	2.647E-01	-4.776E+00	-2.690E-01	3.626E+03	1.240E+03	7.764E-01
276	1	5	-4.166E-01	-4.375E+00	-1.620E+00	2.542E+03	2.483E+03	1.241E+03	1.618E-01	-4.954E+00	-3.429E-01	3.754E+03	1.271E+03	7.735E-01
276	1	6	-4.171E-01	-4.368E+00	-1.619E+00	2.542E+03	2.481E+03	1.241E+03	1.613E-01	-4.947E+00	-3.432E-01	3.753E+03	1.270E+03	7.731E-01
276	1	7	-9.210E-02	-4.418E+00	-1.292E+00	2.455E+03	2.412E+03	1.192E+03	2.642E-01	-4.775E+00	-2.692E-01	3.626E+03	1.241E+03	7.763E-01
276	1	8	-9.258E-02	-4.411E+00	-1.290E+00	2.455E+03	2.410E+03	1.192E+03	2.635E-01	-4.767E+00	-2.693E-01	3.625E+03	1.240E+03	7.759E-01
276	1	9	7.126E-01	-1.165E+00	1.776E-01	2.093E+03	8.369E+02	8.793E+02	7.293E-01	-1.182E+00	9.345E-02	2.546E+03	3.843E+02	4.753E-01
276	1	10	7.122E-01	-1.158E+00	1.791E-01	2.093E+03	8.348E+02	8.793E+02	7.292E-01	-1.175E+00	9.462E-02	2.545E+03	3.827E+02	4.749E-01
276	1	11	1.037E+00	-1.208E+00	5.060E-01	2.006E+03	7.660E+02	8.307E+02	1.146E+00	-1.317E+00	2.117E-01	2.423E+03	3.495E+02	4.648E-01
276	1	12	1.037E+00	-1.201E+00	5.075E-01	2.006E+03	7.639E+02	8.307E+02	1.146E+00	-1.311E+00	2.129E-01	2.422E+03	3.478E+02	4.644E-01
276	1	13	7.115E-01	-1.157E+00	1.790E-01	2.093E+03	8.351E+02	8.789E+02	7.285E-01	-1.174E+00	9.465E-02	2.545E+03	3.834E+02	4.747E-01
276	1	14	7.110E-01	-1.150E+00	1.805E-01	2.094E+03	8.330E+02	8.789E+02	7.284E-01	-1.167E+00	9.583E-02	2.545E+03	3.818E+02	4.743E-01
276	1	15	1.036E+00	-1.200E+00	5.074E-01	2.007E+03	7.642E+02	8.302E+02	1.146E+00	-1.309E+00	2.131E-01	2.422E+03	3.485E+02	4.642E-01
276	1	16	1.036E+00	-1.192E+00	5.089E-01	2.007E+03	7.621E+02	8.302E+02	1.146E+00	-1.303E+00	2.143E-01	2.422E+03	3.469E+02	4.638E-01
276	2	1	-6.465E-01	-2.600E+00	-1.055E+00	4.396E+02	-5.600E+03	1.857E+03	-1.859E-01	-3.060E+00	-4.118E-01	9.649E+02	-6.125E+03	2.757E-01
276	2	2	-6.460E-01	-2.595E+00	-1.053E+00	4.398E+02	-5.602E+03	1.857E+03	-1.853E-01	-3.055E+00	-4.122E-01	9.652E+02	-6.127E+03	2.756E-01
276	2	3	-5.379E-01	-2.542E+00	-7.530E-01	4.524E+02	-5.537E+03	1.795E+03	-2.865E-01	-2.793E+00	-3.222E-01	9.489E+02	-6.033E+03	2.699E-01
276	2	4	-5.374E-01	-2.537E+00	-7.520E-01	4.526E+02	-5.539E+03	1.795E+03	-2.861E-01	-2.788E+00	-3.225E-01	9.492E+02	-6.036E+03	2.699E-01
276	2	5	-6.463E-01	-2.594E+00	-1.054E+00	4.398E+02	-5.602E+03	1.858E+03	-1.854E-01	-3.054E+00	-4.124E-01	9.654E+02	-6.128E+03	2.757E-01
276	2	6	-6.458E-01	-2.588E+00	-1.053E+00	4.400E+02	-5.604E+03	1.859E+03	-1.848E-01	-3.049E+00	-4.128E-01	9.657E+02	-6.130E+03	2.757E-01
276	2	7	-5.377E-01	-2.536E+00	-7.521E-01	4.526E+02	-5.539E+03	1.796E+03	-2.862E-01	-2.787E+00	-3.227E-01	9.495E+02	-6.036E+03	2.700E-01
276	2	8	-5.372E-01	-2.530E+00	-7.510E-01	4.528E+02	-5.541E+03	1.796E+03	-2.858E-01	-2.782E+00	-3.229E-01	9.498E+02	-6.038E+03	2.700E-01
276	2	9	1.227E-01	-8.583E-01	2.283E-01	6.427E+02	-6.738E+03	1.500E+03	1.732E-01	-9.089E-01	2.178E-01	9.357E+02	-7.031E+03	1.930E-01
276	2	10	1.232E-01	-8.531E-01	2.293E-01	6.430E+02	-6.741E+03	1.500E+03	1.744E-01	-9.043E-01	2.196E-01	9.361E+02	-7.034E+03	1.930E-01
276	2	11	2.313E-01	-8.004E-01	5.298E-01	6.555E+02	-6.676E+03	1.437E+03	4.549E-01	-1.024E+00	3.994E-01	9.272E+02	-6.947E+03	1.868E-01

276	2	12	2.318E-01	-7.951E-01	5.308E-01	6.558E+02	-6.678E+03	1.438E+03	4.569E-01	-1.020E+00	4.010E-01	9.275E+02	-6.950E+03	1.868E-01
276	2	13	1.229E-01	-8.520E-01	2.293E-01	6.429E+02	-6.741E+03	1.501E+03	1.741E-01	-9.032E-01	2.198E-01	9.362E+02	-7.034E+03	1.930E-01
276	2	14	1.234E-01	-8.467E-01	2.303E-01	6.431E+02	-6.743E+03	1.501E+03	1.753E-01	-8.986E-01	2.216E-01	9.366E+02	-7.036E+03	1.930E-01
276	2	15	2.315E-01	-7.940E-01	5.308E-01	6.557E+02	-6.678E+03	1.438E+03	4.567E-01	-1.019E+00	4.013E-01	9.277E+02	-6.950E+03	1.869E-01
276	2	16	2.320E-01	-7.887E-01	5.318E-01	6.559E+02	-6.680E+03	1.439E+03	4.587E-01	-1.015E+00	4.030E-01	9.280E+02	-6.952E+03	1.869E-01
276	3	1	5.203E-02	-4.382E+00	-6.216E-01	2.195E+03	-1.140E+04	2.985E+02	1.375E-01	-4.467E+00	-1.367E-01	2.201E+03	-1.140E+04	2.195E-02
276	3	2	5.245E-02	-4.375E+00	-6.213E-01	2.194E+03	-1.140E+04	2.989E+02	1.380E-01	-4.460E+00	-1.368E-01	2.201E+03	-1.140E+04	2.198E-02
276	3	3	-2.445E-02	-4.328E+00	-2.592E-01	2.203E+03	-1.123E+04	2.633E+02	-8.903E-03	-4.343E+00	-5.994E-02	2.208E+03	-1.124E+04	1.958E-02
276	3	4	-2.403E-02	-4.320E+00	-2.589E-01	2.202E+03	-1.124E+04	2.637E+02	-8.489E-03	-4.336E+00	-5.996E-02	2.208E+03	-1.124E+04	1.961E-02
276	3	5	5.235E-02	-4.374E+00	-6.215E-01	2.194E+03	-1.140E+04	2.994E+02	1.380E-01	-4.459E+00	-1.369E-01	2.201E+03	-1.140E+04	2.202E-02
276	3	6	5.277E-02	-4.367E+00	-6.212E-01	2.194E+03	-1.140E+04	2.999E+02	1.384E-01	-4.452E+00	-1.370E-01	2.200E+03	-1.141E+04	2.204E-02
276	3	7	-2.413E-02	-4.319E+00	-2.590E-01	2.202E+03	-1.124E+04	2.642E+02	-8.569E-03	-4.335E+00	-6.001E-02	2.208E+03	-1.124E+04	1.965E-02
276	3	8	-2.371E-02	-4.312E+00	-2.587E-01	2.202E+03	-1.124E+04	2.647E+02	-8.154E-03	-4.328E+00	-6.004E-02	2.207E+03	-1.124E+04	1.968E-02
276	3	9	-1.922E-01	-1.061E+00	5.091E-01	1.994E+03	-1.254E+04	1.303E+02	4.255E-02	-1.296E+00	4.320E-01	1.995E+03	-1.254E+04	8.965E-03
276	3	10	-1.918E-01	-1.054E+00	5.094E-01	1.993E+03	-1.255E+04	1.308E+02	4.437E-02	-1.291E+00	4.341E-01	1.994E+03	-1.255E+04	8.994E-03
276	3	11	-2.687E-01	-1.007E+00	8.715E-01	2.002E+03	-1.238E+04	9.513E+01	3.087E-01	-1.584E+00	5.851E-01	2.002E+03	-1.238E+04	6.614E-03
276	3	12	-2.682E-01	-1.000E+00	8.718E-01	2.001E+03	-1.238E+04	9.556E+01	3.114E-01	-1.580E+00	5.867E-01	2.002E+03	-1.238E+04	6.643E-03
276	3	13	-1.919E-01	-1.053E+00	5.092E-01	1.993E+03	-1.255E+04	1.313E+02	4.435E-02	-1.290E+00	4.343E-01	1.994E+03	-1.255E+04	9.031E-03
276	3	14	-1.914E-01	-1.046E+00	5.095E-01	1.993E+03	-1.255E+04	1.317E+02	4.618E-02	-1.284E+00	4.364E-01	1.994E+03	-1.255E+04	9.059E-03
276	3	15	-2.683E-01	-9.989E-01	8.717E-01	2.001E+03	-1.238E+04	9.611E+01	3.115E-01	-1.579E+00	5.870E-01	2.002E+03	-1.238E+04	6.681E-03
276	3	16	-2.679E-01	-9.919E-01	8.720E-01	2.001E+03	-1.239E+04	9.654E+01	3.142E-01	-1.574E+00	5.887E-01	2.002E+03	-1.239E+04	6.709E-03
276	4	1	1.056E-01	-6.164E+00	-1.142E+00	4.485E+03	-3.544E+03	1.248E+03	3.072E-01	-6.365E+00	-1.747E-01	4.675E+03	-3.734E+03	1.507E-01
276	4	2	1.050E-01	-6.155E+00	-1.141E+00	4.485E+03	-3.547E+03	1.249E+03	3.066E-01	-6.356E+00	-1.748E-01	4.674E+03	-3.737E+03	1.507E-01
276	4	3	2.450E-01	-6.210E+00	-7.528E-01	4.394E+03	-3.516E+03	1.149E+03	3.316E-01	-6.297E+00	-1.146E-01	4.558E+03	-3.679E+03	1.413E-01
276	4	4	2.444E-01	-6.201E+00	-7.520E-01	4.394E+03	-3.519E+03	1.149E+03	3.310E-01	-6.288E+00	-1.146E-01	4.557E+03	-3.682E+03	1.414E-01
276	4	5	1.046E-01	-6.154E+00	-1.142E+00	4.485E+03	-3.547E+03	1.249E+03	3.063E-01	-6.355E+00	-1.749E-01	4.675E+03	-3.737E+03	1.508E-01
276	4	6	1.040E-01	-6.145E+00	-1.141E+00	4.485E+03	-3.550E+03	1.250E+03	3.058E-01	-6.346E+00	-1.750E-01	4.675E+03	-3.740E+03	1.508E-01
276	4	7	2.440E-01	-6.200E+00	-7.522E-01	4.394E+03	-3.519E+03	1.150E+03	3.307E-01	-6.287E+00	-1.147E-01	4.558E+03	-3.683E+03	1.414E-01
276	4	8	2.434E-01	-6.191E+00	-7.514E-01	4.394E+03	-3.522E+03	1.151E+03	3.300E-01	-6.277E+00	-1.147E-01	4.558E+03	-3.686E+03	1.415E-01
276	4	9	5.752E-01	-1.371E+00	4.119E-01	3.901E+03	-5.225E+03	8.692E+02	6.588E-01	-1.454E+00	2.002E-01	3.983E+03	-5.307E+03	9.412E-02
276	4	10	5.746E-01	-1.362E+00	4.127E-01	3.900E+03	-5.228E+03	8.699E+02	6.589E-01	-1.446E+00	2.015E-01	3.982E+03	-5.310E+03	9.417E-02
276	4	11	7.146E-01	-1.417E+00	8.013E-01	3.810E+03	-5.197E+03	7.699E+02	9.822E-01	-1.685E+00	3.223E-01	3.875E+03	-5.262E+03	8.466E-02
276	4	12	7.140E-01	-1.408E+00	8.021E-01	3.809E+03	-5.200E+03	7.706E+02	9.831E-01	-1.677E+00	3.237E-01	3.875E+03	-5.265E+03	8.472E-02
276	4	13	5.742E-01	-1.360E+00	4.125E-01	3.901E+03	-5.228E+03	8.707E+02	6.585E-01	-1.445E+00	2.015E-01	3.983E+03	-5.311E+03	9.425E-02
276	4	14	5.736E-01	-1.351E+00	4.133E-01	3.901E+03	-5.231E+03	8.715E+02	6.586E-01	-1.436E+00	2.028E-01	3.983E+03	-5.314E+03	9.430E-02
276	4	15	7.136E-01	-1.407E+00	8.019E-01	3.810E+03	-5.200E+03	7.714E+02	9.828E-01	-1.676E+00	3.238E-01	3.875E+03	-5.266E+03	8.480E-02
276	4	16	7.131E-01	-1.398E+00	8.027E-01	3.810E+03	-5.203E+03	7.722E+02	9.836E-01	-1.668E+00	3.251E-01	3.875E+03	-5.269E+03	8.485E-02
277	1	1	-1.811E+00	7.617E-02	1.987E-01	-3.985E+04	-4.400E+02	-2.835E+03	9.685E-02	-1.832E+00	1.467E+00	-2.371E+02	-4.005E+04	1.642E+00
277	1	2	-1.814E+00	7.615E-02	1.992E-01	-3.985E+04	-4.398E+02	-2.835E+03	9.692E-02	-1.834E+00	1.467E+00	-2.368E+02	-4.005E+04	1.642E+00
277	1	3	-2.189E+00	1.238E-01	8.050E-02	-3.991E+04	-4.585E+02	-2.814E+03	1.266E-01	-2.191E+00	1.536E+00	-2.588E+02	-4.011E+04	1.642E+00
277	1	4	-2.191E+00	1.238E-01	8.106E-02	-3.991E+04	-4.583E+02	-2.815E+03	1.266E-01	-2.194E+00	1.536E+00	-2.585E+02	-4.011E+04	1.642E+00
277	1	5	-1.815E+00	7.584E-02	1.993E-01	-3.985E+04	-4.397E+02	-2.838E+03	9.661E-02	-1.835E+00	1.467E+00	-2.363E+02	-4.005E+04	1.642E+00
277	1	6	-1.817E+00	7.581E-02	1.998E-01	-3.985E+04	-4.394E+02	-2.839E+03	9.668E-02	-1.838E+00	1.467E+00	-2.360E+02	-4.005E+04	1.642E+00

277	1	7	-2.192E+00	1.235E-01	8.108E-02	-3.991E+04	-4.582E+02	-2.817E+03	1.263E-01	-2.194E+00	1.536E+00	-2.580E+02	-4.011E+04	1.642E+00
277	1	8	-2.194E+00	1.235E-01	8.163E-02	-3.991E+04	-4.580E+02	-2.818E+03	1.263E-01	-2.197E+00	1.536E+00	-2.577E+02	-4.011E+04	1.642E+00
277	1	9	-8.599E-01	-1.044E-01	-7.583E-02	-4.066E+04	-4.830E+02	-3.143E+03	-9.682E-02	-8.675E-01	1.670E+00	-2.386E+02	-4.090E+04	1.648E+00
277	1	10	-8.622E-01	-1.044E-01	-7.528E-02	-4.066E+04	-4.828E+02	-3.144E+03	-9.697E-02	-8.696E-01	1.669E+00	-2.383E+02	-4.090E+04	1.648E+00
277	1	11	-1.237E+00	-5.670E-02	-1.940E-01	-4.072E+04	-5.015E+02	-3.122E+03	-2.563E-02	-1.268E+00	1.730E+00	-2.606E+02	-4.096E+04	1.648E+00
277	1	12	-1.239E+00	-5.672E-02	-1.935E-01	-4.072E+04	-5.013E+02	-3.123E+03	-2.587E-02	-1.270E+00	1.729E+00	-2.603E+02	-4.096E+04	1.648E+00
277	1	13	-8.630E-01	-1.047E-01	-7.526E-02	-4.066E+04	-4.827E+02	-3.146E+03	-9.729E-02	-8.704E-01	1.669E+00	-2.378E+02	-4.090E+04	1.648E+00
277	1	14	-8.653E-01	-1.047E-01	-7.471E-02	-4.066E+04	-4.825E+02	-3.147E+03	-9.744E-02	-8.726E-01	1.668E+00	-2.375E+02	-4.090E+04	1.648E+00
277	1	15	-1.240E+00	-5.703E-02	-1.934E-01	-4.072E+04	-5.012E+02	-3.126E+03	-2.620E-02	-1.271E+00	1.729E+00	-2.598E+02	-4.096E+04	1.648E+00
277	1	16	-1.242E+00	-5.705E-02	-1.929E-01	-4.072E+04	-5.010E+02	-3.126E+03	-2.645E-02	-1.273E+00	1.728E+00	-2.594E+02	-4.096E+04	1.648E+00
277	2	1	-1.828E+00	2.822E-01	1.424E-01	-2.546E+04	-3.878E+03	3.033E+02	2.918E-01	-1.838E+00	1.504E+00	-3.874E+03	-2.547E+04	1.557E+00
277	2	2	-1.830E+00	2.825E-01	1.430E-01	-2.546E+04	-3.878E+03	3.026E+02	2.921E-01	-1.840E+00	1.504E+00	-3.874E+03	-2.547E+04	1.557E+00
277	2	3	-2.139E+00	2.666E-01	1.564E-01	-2.550E+04	-3.883E+03	3.339E+02	2.767E-01	-2.149E+00	1.506E+00	-3.878E+03	-2.550E+04	1.555E+00
277	2	4	-2.141E+00	2.669E-01	1.570E-01	-2.550E+04	-3.883E+03	3.332E+02	2.771E-01	-2.151E+00	1.506E+00	-3.878E+03	-2.550E+04	1.555E+00
277	2	5	-1.831E+00	2.823E-01	1.426E-01	-2.546E+04	-3.879E+03	2.998E+02	2.918E-01	-1.841E+00	1.504E+00	-3.874E+03	-2.546E+04	1.557E+00
277	2	6	-1.834E+00	2.826E-01	1.431E-01	-2.546E+04	-3.879E+03	2.991E+02	2.922E-01	-1.843E+00	1.504E+00	-3.874E+03	-2.546E+04	1.557E+00
277	2	7	-2.142E+00	2.666E-01	1.566E-01	-2.550E+04	-3.884E+03	3.304E+02	2.768E-01	-2.152E+00	1.506E+00	-3.879E+03	-2.550E+04	1.556E+00
277	2	8	-2.144E+00	2.669E-01	1.571E-01	-2.549E+04	-3.884E+03	3.297E+02	2.771E-01	-2.154E+00	1.506E+00	-3.879E+03	-2.550E+04	1.556E+00
277	2	9	-9.401E-01	-1.578E-01	-2.225E-01	-2.654E+04	-3.786E+03	-1.172E+02	-9.893E-02	-9.989E-01	1.829E+00	-3.785E+03	-2.654E+04	1.576E+00
277	2	10	-9.423E-01	-1.575E-01	-2.220E-01	-2.653E+04	-3.786E+03	-1.180E+02	-9.908E-02	-1.001E+00	1.828E+00	-3.785E+03	-2.654E+04	1.576E+00
277	2	11	-1.251E+00	-1.734E-01	-2.085E-01	-2.657E+04	-3.791E+03	-8.662E+01	-1.345E-01	-1.290E+00	1.755E+00	-3.791E+03	-2.657E+04	1.575E+00
277	2	12	-1.253E+00	-1.731E-01	-2.079E-01	-2.657E+04	-3.791E+03	-8.736E+01	-1.345E-01	-1.292E+00	1.755E+00	-3.791E+03	-2.657E+04	1.575E+00
277	2	13	-9.434E-01	-1.578E-01	-2.224E-01	-2.653E+04	-3.786E+03	-1.207E+02	-9.919E-02	-1.002E+00	1.828E+00	-3.786E+03	-2.653E+04	1.576E+00
277	2	14	-9.456E-01	-1.575E-01	-2.218E-01	-2.653E+04	-3.786E+03	-1.214E+02	-9.934E-02	-1.004E+00	1.827E+00	-3.786E+03	-2.653E+04	1.576E+00
277	2	15	-1.254E+00	-1.734E-01	-2.083E-01	-2.657E+04	-3.791E+03	-9.012E+01	-1.346E-01	-1.293E+00	1.755E+00	-3.791E+03	-2.657E+04	1.575E+00
277	2	16	-1.256E+00	-1.731E-01	-2.078E-01	-2.657E+04	-3.792E+03	-9.086E+01	-1.346E-01	-1.295E+00	1.754E+00	-3.791E+03	-2.657E+04	1.575E+00
277	3	1	-1.878E+00	9.862E-02	1.909E-01	-3.978E+04	-1.340E+03	9.646E+02	1.169E-01	-1.896E+00	1.475E+00	-1.316E+03	-3.981E+04	1.546E+00
277	3	2	-1.880E+00	9.859E-02	1.915E-01	-3.978E+04	-1.340E+03	9.640E+02	1.169E-01	-1.898E+00	1.475E+00	-1.315E+03	-3.981E+04	1.546E+00
277	3	3	-2.117E+00	8.414E-02	7.400E-02	-3.984E+04	-1.340E+03	9.943E+02	8.663E-02	-2.119E+00	1.537E+00	-1.314E+03	-3.986E+04	1.545E+00
277	3	4	-2.119E+00	8.411E-02	7.454E-02	-3.984E+04	-1.340E+03	9.937E+02	8.663E-02	-2.122E+00	1.537E+00	-1.314E+03	-3.986E+04	1.545E+00
277	3	5	-1.881E+00	9.848E-02	1.915E-01	-3.978E+04	-1.340E+03	9.615E+02	1.168E-01	-1.900E+00	1.475E+00	-1.316E+03	-3.981E+04	1.546E+00
277	3	6	-1.884E+00	9.845E-02	1.920E-01	-3.978E+04	-1.340E+03	9.609E+02	1.169E-01	-1.902E+00	1.475E+00	-1.316E+03	-3.981E+04	1.546E+00
277	3	7	-2.120E+00	8.400E-02	7.457E-02	-3.984E+04	-1.340E+03	9.911E+02	8.652E-02	-2.123E+00	1.537E+00	-1.314E+03	-3.986E+04	1.545E+00
277	3	8	-2.123E+00	8.398E-02	7.511E-02	-3.984E+04	-1.340E+03	9.906E+02	8.653E-02	-2.125E+00	1.537E+00	-1.314E+03	-3.986E+04	1.545E+00
277	3	9	-1.005E+00	-3.194E-02	-7.223E-02	-4.063E+04	-1.477E+03	6.410E+02	-2.660E-02	-1.010E+00	1.645E+00	-1.466E+03	-4.064E+04	1.554E+00
277	3	10	-1.007E+00	-3.196E-02	-7.169E-02	-4.063E+04	-1.477E+03	6.405E+02	-2.672E-02	-1.012E+00	1.644E+00	-1.466E+03	-4.064E+04	1.554E+00
277	3	11	-1.243E+00	-4.641E-02	-1.891E-01	-4.069E+04	-1.477E+03	6.707E+02	-1.723E-02	-1.273E+00	1.724E+00	-1.465E+03	-4.070E+04	1.554E+00
277	3	12	-1.246E+00	-4.644E-02	-1.886E-01	-4.069E+04	-1.477E+03	6.702E+02	-1.748E-02	-1.275E+00	1.723E+00	-1.465E+03	-4.070E+04	1.554E+00
277	3	13	-1.008E+00	-3.207E-02	-7.167E-02	-4.063E+04	-1.477E+03	6.379E+02	-2.684E-02	-1.013E+00	1.644E+00	-1.466E+03	-4.064E+04	1.555E+00
277	3	14	-1.010E+00	-3.210E-02	-7.113E-02	-4.063E+04	-1.477E+03	6.373E+02	-2.696E-02	-1.015E+00	1.643E+00	-1.466E+03	-4.064E+04	1.555E+00
277	3	15	-1.247E+00	-4.655E-02	-1.886E-01	-4.069E+04	-1.477E+03	6.676E+02	-1.762E-02	-1.276E+00	1.723E+00	-1.465E+03	-4.070E+04	1.554E+00
277	3	16	-1.249E+00	-4.658E-02	-1.880E-01	-4.069E+04	-1.477E+03	6.670E+02	-1.786E-02	-1.278E+00	1.722E+00	-1.465E+03	-4.070E+04	1.554E+00
277	4	1	-1.860E+00	-1.131E-01	2.582E-01	-5.427E+04	1.006E+03	7.134E+02	-7.571E-02	-1.898E+00	1.427E+00	1.016E+03	-5.428E+04	1.558E+00

277	4	2	-1.863E+00	-1.134E-01	2.587E-01	-5.427E+04	1.007E+03	7.128E+02	-7.595E-02	-1.900E+00	1.427E+00	1.016E+03	-5.428E+04	1.558E+00
277	4	3	-2.165E+00	-6.426E-02	9.072E-03	-5.436E+04	9.886E+02	7.061E+02	-6.422E-02	-2.166E+00	1.566E+00	9.976E+02	-5.437E+04	1.558E+00
277	4	4	-2.168E+00	-6.460E-02	9.602E-03	-5.436E+04	9.890E+02	7.054E+02	-6.456E-02	-2.168E+00	1.566E+00	9.980E+02	-5.437E+04	1.558E+00
277	4	5	-1.864E+00	-1.136E-01	2.592E-01	-5.427E+04	1.007E+03	7.102E+02	-7.600E-02	-1.901E+00	1.427E+00	1.016E+03	-5.428E+04	1.558E+00
277	4	6	-1.866E+00	-1.139E-01	2.597E-01	-5.427E+04	1.008E+03	7.096E+02	-7.623E-02	-1.904E+00	1.427E+00	1.017E+03	-5.428E+04	1.558E+00
277	4	7	-2.169E+00	-6.476E-02	1.005E-02	-5.436E+04	9.895E+02	7.028E+02	-6.472E-02	-2.169E+00	1.566E+00	9.985E+02	-5.436E+04	1.558E+00
277	4	8	-2.171E+00	-6.511E-02	1.058E-02	-5.436E+04	9.900E+02	7.022E+02	-6.505E-02	-2.171E+00	1.566E+00	9.989E+02	-5.436E+04	1.558E+00
277	4	9	-9.255E-01	2.714E-02	6.348E-02	-5.486E+04	7.001E+02	3.753E+02	3.135E-02	-9.297E-01	1.505E+00	7.026E+02	-5.487E+04	1.564E+00
277	4	10	-9.278E-01	2.679E-02	6.401E-02	-5.486E+04	7.005E+02	3.747E+02	3.107E-02	-9.321E-01	1.504E+00	7.031E+02	-5.487E+04	1.564E+00
277	4	11	-1.231E+00	7.595E-02	-1.856E-01	-5.495E+04	6.823E+02	3.679E+02	1.018E-01	-1.257E+00	1.709E+00	6.847E+02	-5.495E+04	1.564E+00
277	4	12	-1.233E+00	7.560E-02	-1.851E-01	-5.495E+04	6.827E+02	3.673E+02	1.013E-01	-1.259E+00	1.709E+00	6.852E+02	-5.495E+04	1.564E+00
277	4	13	-9.289E-01	2.663E-02	6.446E-02	-5.486E+04	7.010E+02	3.721E+02	3.096E-02	-9.332E-01	1.504E+00	7.035E+02	-5.487E+04	1.564E+00
277	4	14	-9.312E-01	2.629E-02	6.499E-02	-5.486E+04	7.015E+02	3.714E+02	3.068E-02	-9.356E-01	1.503E+00	7.039E+02	-5.487E+04	1.564E+00
277	4	15	-1.234E+00	7.544E-02	-1.847E-01	-5.495E+04	6.832E+02	3.647E+02	1.010E-01	-1.260E+00	1.708E+00	6.856E+02	-5.495E+04	1.564E+00
277	4	16	-1.236E+00	7.510E-02	-1.841E-01	-5.495E+04	6.837E+02	3.640E+02	1.005E-01	-1.262E+00	1.708E+00	6.860E+02	-5.495E+04	1.564E+00
278	1	1	-1.897E+00	7.718E-02	8.299E-01	-4.079E+04	-4.024E+03	1.599E+03	3.798E-01	-2.199E+00	1.221E+00	-3.955E+03	-4.086E+04	1.527E+00
278	1	2	-1.899E+00	7.755E-02	8.324E-01	-4.079E+04	-4.024E+03	1.599E+03	3.814E-01	-2.203E+00	1.221E+00	-3.954E+03	-4.086E+04	1.527E+00
278	1	3	-2.110E+00	2.347E-01	5.919E-01	-4.085E+04	-4.068E+03	1.625E+03	3.756E-01	-2.251E+00	1.337E+00	-3.997E+03	-4.092E+04	1.527E+00
278	1	4	-2.112E+00	2.350E-01	5.944E-01	-4.085E+04	-4.068E+03	1.625E+03	3.770E-01	-2.254E+00	1.336E+00	-3.996E+03	-4.092E+04	1.527E+00
278	1	5	-1.900E+00	7.687E-02	8.340E-01	-4.079E+04	-4.023E+03	1.596E+03	3.816E-01	-2.205E+00	1.220E+00	-3.954E+03	-4.086E+04	1.527E+00
278	1	6	-1.902E+00	7.724E-02	8.364E-01	-4.079E+04	-4.023E+03	1.596E+03	3.833E-01	-2.209E+00	1.220E+00	-3.953E+03	-4.086E+04	1.528E+00
278	1	7	-2.113E+00	2.343E-01	5.960E-01	-4.085E+04	-4.067E+03	1.622E+03	3.770E-01	-2.256E+00	1.336E+00	-3.996E+03	-4.092E+04	1.527E+00
278	1	8	-2.116E+00	2.347E-01	5.984E-01	-4.085E+04	-4.067E+03	1.622E+03	3.783E-01	-2.259E+00	1.335E+00	-3.995E+03	-4.092E+04	1.527E+00
278	1	9	-1.042E+00	-3.840E-01	-1.977E-01	-4.158E+04	-3.569E+03	1.244E+03	-3.292E-01	-1.097E+00	1.841E+00	-3.528E+03	-4.162E+04	1.538E+00
278	1	10	-1.044E+00	-3.836E-01	-1.952E-01	-4.158E+04	-3.568E+03	1.243E+03	-3.303E-01	-1.097E+00	1.838E+00	-3.527E+03	-4.162E+04	1.538E+00
278	1	11	-1.255E+00	-2.265E-01	-4.357E-01	-4.164E+04	-3.613E+03	1.270E+03	-6.677E-02	-1.415E+00	1.922E+00	-3.570E+03	-4.169E+04	1.537E+00
278	1	12	-1.257E+00	-2.262E-01	-4.332E-01	-4.164E+04	-3.612E+03	1.269E+03	-6.829E-02	-1.415E+00	1.920E+00	-3.570E+03	-4.169E+04	1.537E+00
278	1	13	-1.045E+00	-3.843E-01	-1.937E-01	-4.158E+04	-3.568E+03	1.241E+03	-3.318E-01	-1.098E+00	1.836E+00	-3.527E+03	-4.162E+04	1.538E+00
278	1	14	-1.047E+00	-3.840E-01	-1.912E-01	-4.158E+04	-3.567E+03	1.240E+03	-3.328E-01	-1.099E+00	1.832E+00	-3.527E+03	-4.162E+04	1.538E+00
278	1	15	-1.258E+00	-2.268E-01	-4.317E-01	-4.164E+04	-3.612E+03	1.267E+03	-7.005E-02	-1.415E+00	1.919E+00	-3.570E+03	-4.168E+04	1.538E+00
278	1	16	-1.261E+00	-2.265E-01	-4.292E-01	-4.164E+04	-3.611E+03	1.266E+03	-7.156E-02	-1.416E+00	1.917E+00	-3.569E+03	-4.168E+04	1.538E+00
278	2	1	-2.249E+00	5.903E-01	7.528E-01	-1.954E+04	-1.612E+04	2.258E+03	7.775E-01	-2.437E+00	1.327E+00	-1.500E+04	-2.067E+04	1.110E+00
278	2	2	-2.251E+00	5.905E-01	7.558E-01	-1.954E+04	-1.612E+04	2.257E+03	7.790E-01	-2.439E+00	1.326E+00	-1.500E+04	-2.067E+04	1.110E+00
278	2	3	-2.322E+00	4.565E-01	5.417E-01	-1.955E+04	-1.611E+04	2.304E+03	5.584E-01	-2.424E+00	1.385E+00	-1.496E+04	-2.070E+04	1.105E+00
278	2	4	-2.323E+00	4.566E-01	5.448E-01	-1.955E+04	-1.611E+04	2.303E+03	5.596E-01	-2.426E+00	1.384E+00	-1.496E+04	-2.070E+04	1.106E+00
278	2	5	-2.252E+00	5.895E-01	7.572E-01	-1.954E+04	-1.612E+04	2.254E+03	7.787E-01	-2.441E+00	1.326E+00	-1.500E+04	-2.066E+04	1.110E+00
278	2	6	-2.253E+00	5.897E-01	7.603E-01	-1.954E+04	-1.612E+04	2.253E+03	7.802E-01	-2.444E+00	1.325E+00	-1.500E+04	-2.066E+04	1.110E+00
278	2	7	-2.325E+00	4.557E-01	5.462E-01	-1.954E+04	-1.611E+04	2.300E+03	5.591E-01	-2.428E+00	1.384E+00	-1.496E+04	-2.070E+04	1.106E+00
278	2	8	-2.326E+00	4.558E-01	5.492E-01	-1.954E+04	-1.611E+04	2.299E+03	5.603E-01	-2.430E+00	1.383E+00	-1.496E+04	-2.070E+04	1.106E+00
278	2	9	-3.107E-01	-9.055E-01	1.048E-01	-2.039E+04	-1.567E+04	1.949E+03	-2.927E-01	-9.234E-01	1.693E-01	-1.497E+04	-2.109E+04	1.226E+00
278	2	10	-3.118E-01	-9.054E-01	1.078E-01	-2.039E+04	-1.567E+04	1.948E+03	-2.928E-01	-9.243E-01	1.742E-01	-1.497E+04	-2.109E+04	1.226E+00
278	2	11	-3.831E-01	-1.039E+00	-1.063E-01	-2.039E+04	-1.566E+04	1.995E+03	-3.664E-01	-1.056E+00	-1.566E-01	-1.493E+04	-2.112E+04	1.221E+00
278	2	12	-3.843E-01	-1.039E+00	-1.032E-01	-2.039E+04	-1.566E+04	1.994E+03	-3.684E-01	-1.055E+00	-1.527E-01	-1.493E+04	-2.112E+04	1.221E+00

278	2	13	-3.134E-01	-9.063E-01	1.092E-01	-2.039E+04	-1.567E+04	1.946E+03	-2.939E-01	-9.258E-01	1.764E-01	-1.497E+04	-2.109E+04	1.226E+00
278	2	14	-3.145E-01	-9.062E-01	1.122E-01	-2.039E+04	-1.567E+04	1.945E+03	-2.939E-01	-9.268E-01	1.813E-01	-1.497E+04	-2.109E+04	1.227E+00
278	2	15	-3.859E-01	-1.040E+00	-1.018E-01	-2.039E+04	-1.566E+04	1.992E+03	-3.704E-01	-1.056E+00	-1.509E-01	-1.493E+04	-2.112E+04	1.221E+00
278	2	16	-3.870E-01	-1.040E+00	-9.879E-02	-2.039E+04	-1.566E+04	1.991E+03	-3.724E-01	-1.055E+00	-1.469E-01	-1.493E+04	-2.112E+04	1.221E+00
278	3	1	-2.473E+00	1.706E-01	9.288E-01	-3.880E+04	-2.094E+04	1.484E+03	4.643E-01	-2.767E+00	1.265E+00	-2.082E+04	-3.893E+04	1.488E+00
278	3	2	-2.473E+00	1.702E-01	9.313E-01	-3.880E+04	-2.094E+04	1.484E+03	4.654E-01	-2.768E+00	1.264E+00	-2.082E+04	-3.893E+04	1.488E+00
278	3	3	-2.484E+00	2.557E-01	6.376E-01	-3.882E+04	-2.099E+04	1.559E+03	3.968E-01	-2.625E+00	1.353E+00	-2.086E+04	-3.896E+04	1.484E+00
278	3	4	-2.484E+00	2.553E-01	6.401E-01	-3.882E+04	-2.099E+04	1.558E+03	3.975E-01	-2.626E+00	1.352E+00	-2.086E+04	-3.896E+04	1.484E+00
278	3	5	-2.475E+00	1.697E-01	9.328E-01	-3.880E+04	-2.094E+04	1.482E+03	4.656E-01	-2.771E+00	1.264E+00	-2.082E+04	-3.893E+04	1.489E+00
278	3	6	-2.475E+00	1.693E-01	9.353E-01	-3.880E+04	-2.094E+04	1.481E+03	4.667E-01	-2.772E+00	1.263E+00	-2.082E+04	-3.893E+04	1.489E+00
278	3	7	-2.485E+00	2.548E-01	6.416E-01	-3.882E+04	-2.099E+04	1.556E+03	3.976E-01	-2.628E+00	1.352E+00	-2.086E+04	-3.896E+04	1.484E+00
278	3	8	-2.486E+00	2.544E-01	6.441E-01	-3.882E+04	-2.099E+04	1.555E+03	3.982E-01	-2.629E+00	1.351E+00	-2.086E+04	-3.896E+04	1.484E+00
278	3	9	3.325E-01	-7.627E-01	-2.685E-01	-4.013E+04	-2.130E+04	1.262E+03	3.948E-01	-8.250E-01	-2.280E-01	-2.122E+04	-4.021E+04	1.504E+00
278	3	10	3.325E-01	-7.631E-01	-2.661E-01	-4.013E+04	-2.130E+04	1.261E+03	3.937E-01	-8.243E-01	-2.261E-01	-2.122E+04	-4.021E+04	1.504E+00
278	3	11	3.218E-01	-6.776E-01	-5.598E-01	-4.015E+04	-2.135E+04	1.336E+03	5.725E-01	-9.283E-01	-4.210E-01	-2.126E+04	-4.024E+04	1.500E+00
278	3	12	3.218E-01	-6.780E-01	-5.573E-01	-4.015E+04	-2.135E+04	1.335E+03	5.705E-01	-9.267E-01	-4.198E-01	-2.126E+04	-4.024E+04	1.500E+00
278	3	13	3.306E-01	-7.636E-01	-2.646E-01	-4.013E+04	-2.130E+04	1.259E+03	3.912E-01	-8.242E-01	-2.252E-01	-2.122E+04	-4.021E+04	1.504E+00
278	3	14	3.306E-01	-7.640E-01	-2.621E-01	-4.013E+04	-2.130E+04	1.258E+03	3.901E-01	-8.235E-01	-2.233E-01	-2.122E+04	-4.021E+04	1.504E+00
278	3	15	3.199E-01	-6.785E-01	-5.558E-01	-4.015E+04	-2.135E+04	1.333E+03	5.678E-01	-9.264E-01	-4.195E-01	-2.126E+04	-4.024E+04	1.500E+00
278	3	16	3.199E-01	-6.789E-01	-5.533E-01	-4.015E+04	-2.135E+04	1.333E+03	5.658E-01	-9.249E-01	-4.183E-01	-2.126E+04	-4.024E+04	1.500E+00
278	4	1	-2.110E+00	-4.195E-01	1.025E+00	-5.748E+04	-1.680E+04	-1.949E+03	6.410E-02	-2.593E+00	1.130E+00	-1.671E+04	-5.758E+04	1.619E+00
278	4	2	-2.111E+00	-4.196E-01	1.027E+00	-5.748E+04	-1.680E+04	-1.950E+03	6.524E-02	-2.596E+00	1.130E+00	-1.671E+04	-5.758E+04	1.619E+00
278	4	3	-2.261E+00	-4.304E-02	7.071E-01	-5.756E+04	-1.692E+04	-1.943E+03	1.632E-01	-2.467E+00	1.287E+00	-1.682E+04	-5.765E+04	1.618E+00
278	4	4	-2.262E+00	-4.321E-02	7.090E-01	-5.756E+04	-1.692E+04	-1.944E+03	1.640E-01	-2.469E+00	1.286E+00	-1.682E+04	-5.765E+04	1.618E+00
278	4	5	-2.113E+00	-4.199E-01	1.029E+00	-5.748E+04	-1.680E+04	-1.952E+03	6.599E-02	-2.598E+00	1.130E+00	-1.671E+04	-5.758E+04	1.619E+00
278	4	6	-2.114E+00	-4.200E-01	1.031E+00	-5.748E+04	-1.680E+04	-1.953E+03	6.713E-02	-2.601E+00	1.129E+00	-1.671E+04	-5.758E+04	1.619E+00
278	4	7	-2.264E+00	-4.346E-02	7.106E-01	-5.756E+04	-1.692E+04	-1.946E+03	1.645E-01	-2.472E+00	1.286E+00	-1.682E+04	-5.765E+04	1.619E+00
278	4	8	-2.265E+00	-4.362E-02	7.126E-01	-5.756E+04	-1.692E+04	-1.946E+03	1.653E-01	-2.474E+00	1.286E+00	-1.682E+04	-5.765E+04	1.619E+00
278	4	9	-4.089E-01	-1.643E-01	-5.903E-01	-5.872E+04	-1.697E+04	-1.803E+03	3.162E-01	-8.894E-01	2.254E+00	-1.690E+04	-5.880E+04	1.614E+00
278	4	10	-4.100E-01	-1.645E-01	-5.884E-01	-5.872E+04	-1.697E+04	-1.804E+03	3.138E-01	-8.883E-01	2.253E+00	-1.690E+04	-5.880E+04	1.614E+00
278	4	11	-5.602E-01	2.121E-01	-9.085E-01	-5.879E+04	-1.709E+04	-1.797E+03	8.131E-01	-1.161E+00	2.155E+00	-1.701E+04	-5.887E+04	1.614E+00
278	4	12	-5.613E-01	2.119E-01	-9.066E-01	-5.879E+04	-1.709E+04	-1.798E+03	8.109E-01	-1.160E+00	2.155E+00	-1.701E+04	-5.887E+04	1.614E+00
278	4	13	-4.116E-01	-1.647E-01	-5.867E-01	-5.872E+04	-1.697E+04	-1.806E+03	3.114E-01	-8.878E-01	2.253E+00	-1.690E+04	-5.880E+04	1.614E+00
278	4	14	-4.128E-01	-1.649E-01	-5.848E-01	-5.872E+04	-1.697E+04	-1.807E+03	3.090E-01	-8.866E-01	2.252E+00	-1.690E+04	-5.880E+04	1.614E+00
278	4	15	-5.630E-01	2.117E-01	-9.049E-01	-5.879E+04	-1.709E+04	-1.800E+03	8.087E-01	-1.160E+00	2.154E+00	-1.701E+04	-5.887E+04	1.614E+00
278	4	16	-5.641E-01	2.115E-01	-9.030E-01	-5.879E+04	-1.709E+04	-1.800E+03	8.065E-01	-1.159E+00	2.153E+00	-1.701E+04	-5.887E+04	1.614E+00
279	1	1	-2.460E+00	2.696E-01	-7.329E-01	-3.882E+04	-2.107E+04	1.287E+03	4.539E-01	-2.645E+00	1.817E+00	-2.097E+04	-3.892E+04	1.499E+00
279	1	2	-2.460E+00	2.700E-01	-7.304E-01	-3.882E+04	-2.107E+04	1.287E+03	4.531E-01	-2.643E+00	1.816E+00	-2.097E+04	-3.892E+04	1.499E+00
279	1	3	-2.504E+00	1.325E-01	-1.023E+00	-3.881E+04	-2.091E+04	1.366E+03	4.827E-01	-2.854E+00	1.901E+00	-2.081E+04	-3.891E+04	1.495E+00
279	1	4	-2.504E+00	1.329E-01	-1.020E+00	-3.881E+04	-2.091E+04	1.366E+03	4.815E-01	-2.853E+00	1.900E+00	-2.081E+04	-3.891E+04	1.495E+00
279	1	5	-2.462E+00	2.699E-01	-7.300E-01	-3.882E+04	-2.107E+04	1.285E+03	4.528E-01	-2.645E+00	1.816E+00	-2.097E+04	-3.891E+04	1.499E+00
279	1	6	-2.462E+00	2.703E-01	-7.275E-01	-3.882E+04	-2.107E+04	1.284E+03	4.520E-01	-2.644E+00	1.815E+00	-2.097E+04	-3.891E+04	1.499E+00
279	1	7	-2.506E+00	1.329E-01	-1.020E+00	-3.881E+04	-2.091E+04	1.364E+03	4.811E-01	-2.854E+00	1.900E+00	-2.081E+04	-3.891E+04	1.495E+00

279	1	8	-2.506E+00	1.333E-01	-1.017E+00	-3.881E+04	-2.091E+04	1.363E+03	4.800E-01	-2.853E+00	1.899E+00	-2.081E+04	-3.891E+04	1.495E+00
279	1	9	3.511E-01	-6.533E-01	6.382E-01	-4.014E+04	-2.139E+04	1.464E+03	6.610E-01	-9.632E-01	4.521E-01	-2.127E+04	-4.026E+04	1.493E+00
279	1	10	3.512E-01	-6.529E-01	6.407E-01	-4.015E+04	-2.139E+04	1.463E+03	6.631E-01	-9.648E-01	4.531E-01	-2.127E+04	-4.026E+04	1.493E+00
279	1	11	3.071E-01	-7.903E-01	3.484E-01	-4.013E+04	-2.124E+04	1.543E+03	4.083E-01	-8.916E-01	2.828E-01	-2.111E+04	-4.025E+04	1.490E+00
279	1	12	3.072E-01	-7.899E-01	3.509E-01	-4.013E+04	-2.124E+04	1.542E+03	4.098E-01	-8.926E-01	2.845E-01	-2.111E+04	-4.025E+04	1.490E+00
279	1	13	3.494E-01	-6.529E-01	6.411E-01	-4.014E+04	-2.139E+04	1.461E+03	6.620E-01	-9.654E-01	4.536E-01	-2.127E+04	-4.026E+04	1.494E+00
279	1	14	3.495E-01	-6.525E-01	6.436E-01	-4.014E+04	-2.139E+04	1.461E+03	6.641E-01	-9.671E-01	4.547E-01	-2.127E+04	-4.026E+04	1.494E+00
279	1	15	3.054E-01	-7.900E-01	3.512E-01	-4.013E+04	-2.123E+04	1.540E+03	4.083E-01	-8.929E-01	2.851E-01	-2.111E+04	-4.025E+04	1.490E+00
279	1	16	3.055E-01	-7.896E-01	3.537E-01	-4.013E+04	-2.123E+04	1.540E+03	4.098E-01	-8.939E-01	2.868E-01	-2.111E+04	-4.025E+04	1.490E+00
279	2	1	-2.387E+00	5.410E-01	-6.583E-01	-1.951E+04	-1.621E+04	-2.303E+03	6.822E-01	-2.528E+00	1.782E+00	-1.503E+04	-2.069E+04	2.045E+00
279	2	2	-2.386E+00	5.409E-01	-6.553E-01	-1.951E+04	-1.621E+04	-2.304E+03	6.809E-01	-2.526E+00	1.781E+00	-1.503E+04	-2.069E+04	2.045E+00
279	2	3	-2.322E+00	5.102E-01	-8.620E-01	-1.950E+04	-1.607E+04	-2.226E+03	7.519E-01	-2.564E+00	1.844E+00	-1.498E+04	-2.059E+04	2.029E+00
279	2	4	-2.321E+00	5.101E-01	-8.589E-01	-1.950E+04	-1.607E+04	-2.227E+03	7.503E-01	-2.561E+00	1.843E+00	-1.498E+04	-2.059E+04	2.029E+00
279	2	5	-2.387E+00	5.403E-01	-6.544E-01	-1.951E+04	-1.621E+04	-2.306E+03	6.799E-01	-2.526E+00	1.781E+00	-1.502E+04	-2.070E+04	2.046E+00
279	2	6	-2.385E+00	5.401E-01	-6.514E-01	-1.951E+04	-1.621E+04	-2.307E+03	6.786E-01	-2.524E+00	1.780E+00	-1.502E+04	-2.070E+04	2.046E+00
279	2	7	-2.322E+00	5.094E-01	-8.581E-01	-1.950E+04	-1.607E+04	-2.230E+03	7.492E-01	-2.562E+00	1.843E+00	-1.497E+04	-2.060E+04	2.029E+00
279	2	8	-2.321E+00	5.093E-01	-8.550E-01	-1.950E+04	-1.607E+04	-2.231E+03	7.476E-01	-2.559E+00	1.843E+00	-1.497E+04	-2.060E+04	2.029E+00
279	2	9	-3.568E-01	-9.548E-01	1.770E-01	-2.042E+04	-1.570E+04	-1.993E+03	-3.083E-01	-1.003E+00	2.673E-01	-1.497E+04	-2.115E+04	1.922E+00
279	2	10	-3.556E-01	-9.549E-01	1.801E-01	-2.042E+04	-1.570E+04	-1.994E+03	-3.057E-01	-1.005E+00	2.705E-01	-1.497E+04	-2.115E+04	1.922E+00
279	2	11	-2.920E-01	-9.856E-01	-2.665E-02	-2.041E+04	-1.557E+04	-1.917E+03	-2.910E-01	-9.866E-01	-3.835E-02	-1.490E+04	-2.107E+04	1.906E+00
279	2	12	-2.908E-01	-9.857E-01	-2.360E-02	-2.041E+04	-1.557E+04	-1.918E+03	-2.900E-01	-9.865E-01	-3.391E-02	-1.490E+04	-2.107E+04	1.906E+00
279	2	13	-3.563E-01	-9.556E-01	1.809E-01	-2.042E+04	-1.570E+04	-1.997E+03	-3.059E-01	-1.006E+00	2.716E-01	-1.497E+04	-2.115E+04	1.922E+00
279	2	14	-3.551E-01	-9.557E-01	1.840E-01	-2.042E+04	-1.570E+04	-1.998E+03	-3.033E-01	-1.008E+00	2.749E-01	-1.497E+04	-2.115E+04	1.922E+00
279	2	15	-2.915E-01	-9.864E-01	-2.273E-02	-2.041E+04	-1.557E+04	-1.920E+03	-2.908E-01	-9.871E-01	-3.267E-02	-1.490E+04	-2.108E+04	1.906E+00
279	2	16	-2.903E-01	-9.865E-01	-1.968E-02	-2.041E+04	-1.557E+04	-1.921E+03	-2.898E-01	-9.871E-01	-2.824E-02	-1.490E+04	-2.108E+04	1.906E+00
279	3	1	-2.245E+00	2.682E-01	-6.849E-01	-4.082E+04	-4.108E+03	-1.655E+03	4.428E-01	-2.420E+00	1.820E+00	-4.034E+03	-4.089E+04	1.616E+00
279	3	2	-2.243E+00	2.679E-01	-6.824E-01	-4.082E+04	-4.108E+03	-1.656E+03	4.414E-01	-2.416E+00	1.820E+00	-4.034E+03	-4.089E+04	1.616E+00
279	3	3	-2.024E+00	3.641E-02	-9.427E-01	-4.073E+04	-3.976E+03	-1.597E+03	4.027E-01	-2.390E+00	1.941E+00	-3.906E+03	-4.080E+04	1.614E+00
279	3	4	-2.022E+00	3.604E-02	-9.403E-01	-4.073E+04	-3.976E+03	-1.598E+03	4.010E-01	-2.387E+00	1.941E+00	-3.907E+03	-4.080E+04	1.614E+00
279	3	5	-2.242E+00	2.671E-01	-6.822E-01	-4.082E+04	-4.109E+03	-1.658E+03	4.406E-01	-2.416E+00	1.820E+00	-4.034E+03	-4.089E+04	1.616E+00
279	3	6	-2.240E+00	2.668E-01	-6.797E-01	-4.082E+04	-4.109E+03	-1.658E+03	4.392E-01	-2.413E+00	1.819E+00	-4.034E+03	-4.089E+04	1.616E+00
279	3	7	-2.021E+00	3.529E-02	-9.400E-01	-4.073E+04	-3.976E+03	-1.600E+03	4.002E-01	-2.386E+00	1.941E+00	-3.906E+03	-4.080E+04	1.614E+00
279	3	8	-2.019E+00	3.492E-02	-9.375E-01	-4.073E+04	-3.976E+03	-1.600E+03	3.985E-01	-2.383E+00	1.941E+00	-3.907E+03	-4.080E+04	1.614E+00
279	3	9	-1.218E+00	-1.681E-01	5.335E-01	-4.167E+04	-3.642E+03	-1.274E+03	5.549E-02	-1.441E+00	1.174E+00	-3.599E+03	-4.171E+04	1.604E+00
279	3	10	-1.215E+00	-1.685E-01	5.360E-01	-4.167E+04	-3.642E+03	-1.275E+03	5.727E-02	-1.441E+00	1.172E+00	-3.599E+03	-4.171E+04	1.604E+00
279	3	11	-9.965E-01	-3.999E-01	2.757E-01	-4.158E+04	-3.509E+03	-1.216E+03	-2.920E-01	-1.104E+00	1.198E+00	-3.470E+03	-4.162E+04	1.603E+00
279	3	12	-9.943E-01	-4.003E-01	2.782E-01	-4.159E+04	-3.510E+03	-1.217E+03	-2.904E-01	-1.104E+00	1.194E+00	-3.471E+03	-4.162E+04	1.603E+00
279	3	13	-1.215E+00	-1.692E-01	5.363E-01	-4.167E+04	-3.642E+03	-1.276E+03	5.688E-02	-1.441E+00	1.172E+00	-3.599E+03	-4.171E+04	1.604E+00
279	3	14	-1.213E+00	-1.696E-01	5.387E-01	-4.167E+04	-3.643E+03	-1.277E+03	5.867E-02	-1.441E+00	1.170E+00	-3.600E+03	-4.172E+04	1.604E+00
279	3	15	-9.940E-01	-4.011E-01	2.785E-01	-4.159E+04	-3.510E+03	-1.218E+03	-2.908E-01	-1.104E+00	1.194E+00	-3.471E+03	-4.162E+04	1.603E+00
279	3	16	-9.918E-01	-4.014E-01	2.809E-01	-4.159E+04	-3.510E+03	-1.219E+03	-2.891E-01	-1.104E+00	1.190E+00	-3.471E+03	-4.163E+04	1.603E+00
279	4	1	-2.314E+00	-6.990E-02	-7.640E-01	-5.756E+04	-1.695E+04	2.036E+03	1.655E-01	-2.549E+00	1.870E+00	-1.685E+04	-5.766E+04	1.521E+00
279	4	2	-2.313E+00	-6.973E-02	-7.620E-01	-5.756E+04	-1.695E+04	2.036E+03	1.647E-01	-2.547E+00	1.869E+00	-1.685E+04	-5.766E+04	1.521E+00

279	4	3	-2.201E+00	-4.079E-01	-1.108E+00	-5.748E+04	-1.676E+04	2.027E+03	1.207E-01	-2.730E+00	2.016E+00	-1.666E+04	-5.758E+04	1.521E+00
279	4	4	-2.200E+00	-4.078E-01	-1.106E+00	-5.748E+04	-1.676E+04	2.026E+03	1.196E-01	-2.728E+00	2.016E+00	-1.666E+04	-5.758E+04	1.521E+00
279	4	5	-2.313E+00	-6.985E-02	-7.623E-01	-5.755E+04	-1.695E+04	2.034E+03	1.646E-01	-2.548E+00	1.869E+00	-1.685E+04	-5.766E+04	1.521E+00
279	4	6	-2.312E+00	-6.968E-02	-7.604E-01	-5.756E+04	-1.695E+04	2.033E+03	1.638E-01	-2.546E+00	1.869E+00	-1.685E+04	-5.766E+04	1.521E+00
279	4	7	-2.201E+00	-4.079E-01	-1.106E+00	-5.748E+04	-1.676E+04	2.024E+03	1.195E-01	-2.728E+00	2.016E+00	-1.666E+04	-5.758E+04	1.521E+00
279	4	8	-2.200E+00	-4.077E-01	-1.104E+00	-5.748E+04	-1.676E+04	2.024E+03	1.184E-01	-2.726E+00	2.015E+00	-1.666E+04	-5.758E+04	1.521E+00
279	4	9	-5.142E-01	2.000E-01	9.992E-01	-5.879E+04	-1.713E+04	1.728E+03	9.040E-01	-1.218E+00	9.570E-01	-1.705E+04	-5.886E+04	1.529E+00
279	4	10	-5.131E-01	2.002E-01	1.001E+00	-5.879E+04	-1.713E+04	1.727E+03	9.063E-01	-1.219E+00	9.565E-01	-1.705E+04	-5.886E+04	1.529E+00
279	4	11	-4.019E-01	-1.380E-01	6.552E-01	-5.871E+04	-1.693E+04	1.718E+03	3.984E-01	-9.383E-01	8.848E-01	-1.686E+04	-5.878E+04	1.530E+00
279	4	12	-4.008E-01	-1.379E-01	6.571E-01	-5.871E+04	-1.693E+04	1.717E+03	4.008E-01	-9.395E-01	8.841E-01	-1.686E+04	-5.879E+04	1.530E+00
279	4	13	-5.138E-01	2.001E-01	1.001E+00	-5.879E+04	-1.713E+04	1.725E+03	9.058E-01	-1.220E+00	9.567E-01	-1.705E+04	-5.886E+04	1.529E+00
279	4	14	-5.127E-01	2.002E-01	1.003E+00	-5.879E+04	-1.713E+04	1.725E+03	9.081E-01	-1.221E+00	9.562E-01	-1.705E+04	-5.886E+04	1.529E+00
279	4	15	-4.016E-01	-1.380E-01	6.569E-01	-5.871E+04	-1.693E+04	1.715E+03	4.002E-01	-9.398E-01	8.844E-01	-1.686E+04	-5.878E+04	1.530E+00
279	4	16	-4.005E-01	-1.378E-01	6.588E-01	-5.871E+04	-1.693E+04	1.715E+03	4.026E-01	-9.409E-01	8.838E-01	-1.686E+04	-5.878E+04	1.530E+00
280	1	1	-2.253E+00	8.526E-02	-7.599E-02	-3.980E+04	-1.339E+03	-1.039E+03	8.773E-02	-2.255E+00	1.603E+00	-1.311E+03	-3.983E+04	1.598E+00
280	1	2	-2.251E+00	8.529E-02	-7.545E-02	-3.980E+04	-1.340E+03	-1.040E+03	8.773E-02	-2.253E+00	1.603E+00	-1.311E+03	-3.983E+04	1.598E+00
280	1	3	-1.995E+00	9.674E-02	-1.990E-01	-3.974E+04	-1.341E+03	-9.649E+02	1.155E-01	-2.014E+00	1.665E+00	-1.316E+03	-3.976E+04	1.596E+00
280	1	4	-1.993E+00	9.677E-02	-1.984E-01	-3.974E+04	-1.341E+03	-9.656E+02	1.154E-01	-2.012E+00	1.665E+00	-1.317E+03	-3.976E+04	1.596E+00
280	1	5	-2.250E+00	8.521E-02	-7.538E-02	-3.980E+04	-1.339E+03	-1.041E+03	8.764E-02	-2.253E+00	1.603E+00	-1.311E+03	-3.983E+04	1.598E+00
280	1	6	-2.248E+00	8.524E-02	-7.484E-02	-3.980E+04	-1.339E+03	-1.042E+03	8.764E-02	-2.250E+00	1.603E+00	-1.311E+03	-3.983E+04	1.598E+00
280	1	7	-1.993E+00	9.669E-02	-1.984E-01	-3.974E+04	-1.341E+03	-9.672E+02	1.153E-01	-2.011E+00	1.665E+00	-1.316E+03	-3.976E+04	1.596E+00
280	1	8	-1.990E+00	9.672E-02	-1.978E-01	-3.974E+04	-1.341E+03	-9.679E+02	1.153E-01	-2.009E+00	1.664E+00	-1.316E+03	-3.976E+04	1.596E+00
280	1	9	-1.219E+00	-4.562E-02	2.024E-01	-4.071E+04	-1.477E+03	-6.529E+02	-1.169E-02	-1.253E+00	1.405E+00	-1.466E+03	-4.072E+04	1.587E+00
280	1	10	-1.216E+00	-4.559E-02	2.029E-01	-4.071E+04	-1.477E+03	-6.536E+02	-1.142E-02	-1.251E+00	1.404E+00	-1.466E+03	-4.072E+04	1.587E+00
280	1	11	-9.611E-01	-3.414E-02	7.940E-02	-4.064E+04	-1.478E+03	-5.787E+02	-2.739E-02	-9.678E-01	1.486E+00	-1.470E+03	-4.065E+04	1.586E+00
280	1	12	-9.588E-01	-3.411E-02	7.994E-02	-4.064E+04	-1.478E+03	-5.794E+02	-2.725E-02	-9.657E-01	1.485E+00	-1.470E+03	-4.065E+04	1.586E+00
280	1	13	-1.216E+00	-4.567E-02	2.030E-01	-4.071E+04	-1.477E+03	-6.553E+02	-1.146E-02	-1.250E+00	1.404E+00	-1.466E+03	-4.072E+04	1.587E+00
280	1	14	-1.214E+00	-4.564E-02	2.035E-01	-4.071E+04	-1.477E+03	-6.560E+02	-1.120E-02	-1.248E+00	1.403E+00	-1.466E+03	-4.072E+04	1.588E+00
280	1	15	-9.584E-01	-3.419E-02	8.001E-02	-4.064E+04	-1.478E+03	-5.810E+02	-2.732E-02	-9.653E-01	1.485E+00	-1.469E+03	-4.065E+04	1.586E+00
280	1	16	-9.561E-01	-3.416E-02	8.055E-02	-4.064E+04	-1.478E+03	-5.817E+02	-2.718E-02	-9.631E-01	1.484E+00	-1.470E+03	-4.065E+04	1.586E+00
280	2	1	-2.282E+00	2.934E-01	-1.871E-01	-2.542E+04	-3.896E+03	-3.938E+02	3.069E-01	-2.295E+00	1.643E+00	-3.889E+03	-2.543E+04	1.589E+00
280	2	2	-2.280E+00	2.931E-01	-1.865E-01	-2.542E+04	-3.896E+03	-3.946E+02	3.065E-01	-2.293E+00	1.643E+00	-3.889E+03	-2.543E+04	1.589E+00
280	2	3	-1.925E+00	2.622E-01	-1.217E-01	-2.538E+04	-3.882E+03	-3.089E+02	2.690E-01	-1.932E+00	1.626E+00	-3.877E+03	-2.539E+04	1.585E+00
280	2	4	-1.923E+00	2.619E-01	-1.212E-01	-2.538E+04	-3.882E+03	-3.098E+02	2.686E-01	-1.930E+00	1.626E+00	-3.877E+03	-2.539E+04	1.585E+00
280	2	5	-2.279E+00	2.929E-01	-1.865E-01	-2.542E+04	-3.895E+03	-3.962E+02	3.063E-01	-2.293E+00	1.643E+00	-3.888E+03	-2.543E+04	1.589E+00
280	2	6	-2.277E+00	2.926E-01	-1.859E-01	-2.542E+04	-3.895E+03	-3.971E+02	3.060E-01	-2.290E+00	1.643E+00	-3.888E+03	-2.543E+04	1.589E+00
280	2	7	-1.922E+00	2.617E-01	-1.211E-01	-2.538E+04	-3.881E+03	-3.114E+02	2.684E-01	-1.929E+00	1.626E+00	-3.877E+03	-2.539E+04	1.585E+00
280	2	8	-1.920E+00	2.614E-01	-1.206E-01	-2.538E+04	-3.881E+03	-3.122E+02	2.681E-01	-1.927E+00	1.626E+00	-3.876E+03	-2.539E+04	1.585E+00
280	2	9	-1.254E+00	-1.474E-01	1.775E-01	-2.660E+04	-3.787E+03	9.949E+01	-1.196E-01	-1.282E+00	1.416E+00	-3.787E+03	-2.660E+04	1.566E+00
280	2	10	-1.252E+00	-1.477E-01	1.781E-01	-2.660E+04	-3.787E+03	9.866E+01	-1.197E-01	-1.280E+00	1.415E+00	-3.786E+03	-2.661E+04	1.566E+00
280	2	11	-8.975E-01	-1.786E-01	2.429E-01	-2.656E+04	-3.773E+03	1.843E+02	-1.042E-01	-9.719E-01	1.274E+00	-3.771E+03	-2.656E+04	1.563E+00
280	2	12	-8.953E-01	-1.788E-01	2.434E-01	-2.656E+04	-3.773E+03	1.835E+02	-1.040E-01	-9.702E-01	1.272E+00	-3.771E+03	-2.657E+04	1.563E+00
280	2	13	-1.252E+00	-1.479E-01	1.781E-01	-2.660E+04	-3.786E+03	9.704E+01	-1.199E-01	-1.280E+00	1.415E+00	-3.786E+03	-2.661E+04	1.567E+00

280	2	14	-1.249E+00	-1.482E-01	1.787E-01	-2.661E+04	-3.786E+03	9.621E+01	-1.199E-01	-1.278E+00	1.414E+00	-3.786E+03	-2.661E+04	1.567E+00
280	2	15	-8.949E-01	-1.791E-01	2.435E-01	-2.656E+04	-3.772E+03	1.819E+02	-1.041E-01	-9.699E-01	1.272E+00	-3.771E+03	-2.657E+04	1.563E+00
280	2	16	-8.927E-01	-1.794E-01	2.440E-01	-2.657E+04	-3.772E+03	1.810E+02	-1.039E-01	-9.682E-01	1.271E+00	-3.771E+03	-2.657E+04	1.563E+00
280	3	1	-2.341E+00	1.436E-01	-8.321E-02	-3.988E+04	-4.548E+02	2.767E+03	1.464E-01	-2.344E+00	1.604E+00	-2.616E+02	-4.007E+04	1.501E+00
280	3	2	-2.339E+00	1.436E-01	-8.265E-02	-3.988E+04	-4.550E+02	2.766E+03	1.464E-01	-2.342E+00	1.604E+00	-2.619E+02	-4.007E+04	1.501E+00
280	3	3	-1.886E+00	6.614E-02	-2.063E-01	-3.978E+04	-4.040E+02	2.824E+03	8.769E-02	-1.908E+00	1.675E+00	-2.025E+02	-3.999E+04	1.500E+00
280	3	4	-1.884E+00	6.616E-02	-2.057E-01	-3.978E+04	-4.042E+02	2.823E+03	8.763E-02	-1.905E+00	1.675E+00	-2.028E+02	-3.999E+04	1.500E+00
280	3	5	-2.339E+00	1.436E-01	-8.258E-02	-3.988E+04	-4.550E+02	2.764E+03	1.463E-01	-2.342E+00	1.604E+00	-2.621E+02	-4.007E+04	1.501E+00
280	3	6	-2.336E+00	1.436E-01	-8.203E-02	-3.988E+04	-4.552E+02	2.764E+03	1.463E-01	-2.339E+00	1.604E+00	-2.624E+02	-4.007E+04	1.501E+00
280	3	7	-1.883E+00	6.610E-02	-2.056E-01	-3.978E+04	-4.041E+02	2.822E+03	8.755E-02	-1.905E+00	1.675E+00	-2.030E+02	-3.999E+04	1.500E+00
280	3	8	-1.881E+00	6.612E-02	-2.051E-01	-3.979E+04	-4.044E+02	2.821E+03	8.748E-02	-1.902E+00	1.675E+00	-2.033E+02	-3.999E+04	1.500E+00
280	3	9	-1.271E+00	-4.048E-02	2.066E-01	-4.075E+04	-5.276E+02	3.154E+03	-6.717E-03	-1.305E+00	1.409E+00	-2.817E+02	-4.100E+04	1.493E+00
280	3	10	-1.269E+00	-4.045E-02	2.072E-01	-4.075E+04	-5.278E+02	3.153E+03	-6.462E-03	-1.303E+00	1.408E+00	-2.820E+02	-4.100E+04	1.493E+00
280	3	11	-8.160E-01	-1.179E-01	8.358E-02	-4.066E+04	-4.767E+02	3.212E+03	-1.081E-01	-8.259E-01	1.453E+00	-2.216E+02	-4.091E+04	1.492E+00
280	3	12	-8.137E-01	-1.179E-01	8.413E-02	-4.066E+04	-4.769E+02	3.211E+03	-1.079E-01	-8.238E-01	1.452E+00	-2.220E+02	-4.091E+04	1.492E+00
280	3	13	-1.269E+00	-4.052E-02	2.073E-01	-4.075E+04	-5.277E+02	3.152E+03	-6.490E-03	-1.303E+00	1.408E+00	-2.822E+02	-4.100E+04	1.493E+00
280	3	14	-1.266E+00	-4.050E-02	2.078E-01	-4.075E+04	-5.279E+02	3.151E+03	-6.233E-03	-1.301E+00	1.407E+00	-2.826E+02	-4.100E+04	1.493E+00
280	3	15	-8.134E-01	-1.180E-01	8.421E-02	-4.066E+04	-4.769E+02	3.209E+03	-1.079E-01	-8.234E-01	1.452E+00	-2.222E+02	-4.091E+04	1.492E+00
280	3	16	-8.111E-01	-1.180E-01	8.476E-02	-4.066E+04	-4.771E+02	3.209E+03	-1.078E-01	-8.213E-01	1.451E+00	-2.225E+02	-4.091E+04	1.492E+00
280	4	1	-2.311E+00	-8.205E-02	5.744E-03	-5.436E+04	1.003E+03	3.474E+02	-8.204E-02	-2.311E+00	1.568E+00	1.005E+03	-5.437E+04	1.565E+00
280	4	2	-2.308E+00	-8.171E-02	6.273E-03	-5.436E+04	1.002E+03	3.467E+02	-8.169E-02	-2.308E+00	1.568E+00	1.004E+03	-5.437E+04	1.565E+00
280	4	3	-1.954E+00	-1.169E-01	-3.056E-01	-5.424E+04	1.048E+03	3.283E+02	-6.740E-02	-2.004E+00	1.731E+00	1.050E+03	-5.424E+04	1.565E+00
280	4	4	-1.952E+00	-1.166E-01	-3.051E-01	-5.424E+04	1.048E+03	3.276E+02	-6.717E-02	-2.001E+00	1.731E+00	1.050E+03	-5.424E+04	1.565E+00
280	4	5	-2.308E+00	-8.165E-02	6.381E-03	-5.436E+04	1.002E+03	3.450E+02	-8.163E-02	-2.308E+00	1.568E+00	1.004E+03	-5.437E+04	1.565E+00
280	4	6	-2.306E+00	-8.130E-02	6.911E-03	-5.436E+04	1.001E+03	3.443E+02	-8.128E-02	-2.306E+00	1.568E+00	1.004E+03	-5.437E+04	1.565E+00
280	4	7	-1.952E+00	-1.165E-01	-3.050E-01	-5.424E+04	1.047E+03	3.260E+02	-6.714E-02	-2.001E+00	1.731E+00	1.049E+03	-5.424E+04	1.565E+00
280	4	8	-1.949E+00	-1.161E-01	-3.044E-01	-5.424E+04	1.047E+03	3.253E+02	-6.691E-02	-1.999E+00	1.731E+00	1.049E+03	-5.424E+04	1.565E+00
280	4	9	-1.238E+00	7.887E-02	2.536E-01	-5.496E+04	6.513E+02	7.561E+02	1.260E-01	-1.285E+00	1.387E+00	6.616E+02	-5.497E+04	1.557E+00
280	4	10	-1.236E+00	7.921E-02	2.541E-01	-5.496E+04	6.508E+02	7.554E+02	1.266E-01	-1.283E+00	1.386E+00	6.610E+02	-5.497E+04	1.557E+00
280	4	11	-8.815E-01	4.402E-02	-5.776E-02	-5.484E+04	6.968E+02	7.370E+02	4.761E-02	-8.851E-01	1.633E+00	7.066E+02	-5.485E+04	1.558E+00
280	4	12	-8.792E-01	4.437E-02	-5.723E-02	-5.484E+04	6.963E+02	7.363E+02	4.790E-02	-8.828E-01	1.632E+00	7.061E+02	-5.485E+04	1.558E+00
280	4	13	-1.235E+00	7.927E-02	2.542E-01	-5.496E+04	6.506E+02	7.537E+02	1.267E-01	-1.283E+00	1.386E+00	6.609E+02	-5.497E+04	1.557E+00
280	4	14	-1.233E+00	7.962E-02	2.548E-01	-5.496E+04	6.501E+02	7.530E+02	1.273E-01	-1.281E+00	1.386E+00	6.603E+02	-5.497E+04	1.557E+00
280	4	15	-8.788E-01	4.443E-02	-5.712E-02	-5.484E+04	6.962E+02	7.347E+02	4.795E-02	-8.823E-01	1.632E+00	7.059E+02	-5.485E+04	1.558E+00
280	4	16	-8.765E-01	4.477E-02	-5.659E-02	-5.484E+04	6.957E+02	7.339E+02	4.824E-02	-8.800E-01	1.632E+00	7.054E+02	-5.485E+04	1.558E+00
281	1	1	-8.653E-01	-1.047E-01	7.471E-02	-4.066E+04	-4.825E+02	3.147E+03	-9.744E-02	-8.726E-01	1.474E+00	-2.375E+02	-4.090E+04	1.493E+00
281	1	2	-8.630E-01	-1.047E-01	7.526E-02	-4.066E+04	-4.827E+02	3.146E+03	-9.729E-02	-8.704E-01	1.473E+00	-2.378E+02	-4.090E+04	1.493E+00
281	1	3	-1.242E+00	-5.705E-02	1.929E-01	-4.072E+04	-5.010E+02	3.126E+03	-2.645E-02	-1.273E+00	1.413E+00	-2.594E+02	-4.096E+04	1.494E+00
281	1	4	-1.240E+00	-5.703E-02	1.934E-01	-4.072E+04	-5.012E+02	3.126E+03	-2.620E-02	-1.271E+00	1.413E+00	-2.598E+02	-4.096E+04	1.494E+00
281	1	5	-8.622E-01	-1.044E-01	7.528E-02	-4.066E+04	-4.828E+02	3.144E+03	-9.697E-02	-8.696E-01	1.473E+00	-2.383E+02	-4.090E+04	1.493E+00
281	1	6	-8.599E-01	-1.044E-01	7.583E-02	-4.066E+04	-4.830E+02	3.143E+03	-9.682E-02	-8.675E-01	1.472E+00	-2.386E+02	-4.090E+04	1.493E+00
281	1	7	-1.239E+00	-5.672E-02	1.935E-01	-4.072E+04	-5.013E+02	3.123E+03	-2.587E-02	-1.270E+00	1.413E+00	-2.603E+02	-4.096E+04	1.494E+00
281	1	8	-1.237E+00	-5.670E-02	1.940E-01	-4.072E+04	-5.015E+02	3.122E+03	-2.563E-02	-1.268E+00	1.412E+00	-2.606E+02	-4.096E+04	1.494E+00

281	1	9	-1.817E+00	7.581E-02	-1.998E-01	-3.985E+04	-4.394E+02	2.839E+03	9.668E-02	-1.838E+00	1.675E+00	-2.360E+02	-4.005E+04	1.499E+00
281	1	10	-1.815E+00	7.584E-02	-1.993E-01	-3.985E+04	-4.397E+02	2.838E+03	9.661E-02	-1.835E+00	1.675E+00	-2.363E+02	-4.005E+04	1.499E+00
281	1	11	-2.194E+00	1.235E-01	-8.163E-02	-3.991E+04	-4.580E+02	2.818E+03	1.263E-01	-2.197E+00	1.606E+00	-2.577E+02	-4.011E+04	1.500E+00
281	1	12	-2.192E+00	1.235E-01	-8.108E-02	-3.991E+04	-4.582E+02	2.817E+03	1.263E-01	-2.194E+00	1.606E+00	-2.580E+02	-4.011E+04	1.500E+00
281	1	13	-1.814E+00	7.615E-02	-1.992E-01	-3.985E+04	-4.398E+02	2.835E+03	9.692E-02	-1.834E+00	1.675E+00	-2.368E+02	-4.005E+04	1.499E+00
281	1	14	-1.811E+00	7.617E-02	-1.987E-01	-3.985E+04	-4.400E+02	2.835E+03	9.685E-02	-1.832E+00	1.675E+00	-2.371E+02	-4.005E+04	1.499E+00
281	1	15	-2.191E+00	1.238E-01	-8.106E-02	-3.991E+04	-4.583E+02	2.815E+03	1.266E-01	-2.194E+00	1.606E+00	-2.585E+02	-4.011E+04	1.500E+00
281	1	16	-2.189E+00	1.238E-01	-8.050E-02	-3.991E+04	-4.585E+02	2.814E+03	1.266E-01	-2.191E+00	1.606E+00	-2.588E+02	-4.011E+04	1.500E+00
281	2	1	-9.312E-01	2.629E-02	-6.499E-02	-5.486E+04	7.015E+02	7.134E+02	3.068E-02	-9.356E-01	1.638E+00	7.106E+02	-5.487E+04	1.558E+00
281	2	2	-9.289E-01	2.663E-02	-6.446E-02	-5.486E+04	7.010E+02	7.128E+02	3.096E-02	-9.332E-01	1.638E+00	7.102E+02	-5.487E+04	1.558E+00
281	2	3	-1.236E+00	7.510E-02	1.841E-01	-5.495E+04	6.837E+02	7.061E+02	1.005E-01	-1.262E+00	1.434E+00	6.926E+02	-5.496E+04	1.558E+00
281	2	4	-1.234E+00	7.544E-02	1.847E-01	-5.495E+04	6.832E+02	7.054E+02	1.010E-01	-1.260E+00	1.433E+00	6.922E+02	-5.496E+04	1.558E+00
281	2	5	-9.278E-01	2.679E-02	-6.401E-02	-5.486E+04	7.005E+02	7.102E+02	3.107E-02	-9.321E-01	1.637E+00	7.096E+02	-5.487E+04	1.558E+00
281	2	6	-9.255E-01	2.714E-02	-6.348E-02	-5.486E+04	7.001E+02	7.096E+02	3.135E-02	-9.297E-01	1.637E+00	7.092E+02	-5.487E+04	1.558E+00
281	2	7	-1.233E+00	7.560E-02	1.851E-01	-5.495E+04	6.827E+02	7.028E+02	1.013E-01	-1.259E+00	1.433E+00	6.916E+02	-5.496E+04	1.558E+00
281	2	8	-1.231E+00	7.595E-02	1.856E-01	-5.495E+04	6.823E+02	7.022E+02	1.018E-01	-1.257E+00	1.432E+00	6.912E+02	-5.496E+04	1.558E+00
281	2	9	-1.866E+00	-1.139E-01	-2.597E-01	-5.427E+04	1.008E+03	3.753E+02	-7.623E-02	-1.904E+00	1.715E+00	1.010E+03	-5.427E+04	1.564E+00
281	2	10	-1.864E+00	-1.136E-01	-2.592E-01	-5.427E+04	1.007E+03	3.747E+02	-7.600E-02	-1.901E+00	1.715E+00	1.010E+03	-5.427E+04	1.564E+00
281	2	11	-2.171E+00	-6.511E-02	-1.058E-02	-5.436E+04	9.900E+02	3.679E+02	-6.505E-02	-2.171E+00	1.576E+00	9.924E+02	-5.436E+04	1.564E+00
281	2	12	-2.169E+00	-6.476E-02	-1.005E-02	-5.436E+04	9.895E+02	3.673E+02	-6.472E-02	-2.169E+00	1.576E+00	9.920E+02	-5.436E+04	1.564E+00
281	2	13	-1.863E+00	-1.134E-01	-2.587E-01	-5.427E+04	1.007E+03	3.721E+02	-7.595E-02	-1.900E+00	1.715E+00	1.009E+03	-5.427E+04	1.564E+00
281	2	14	-1.860E+00	-1.131E-01	-2.582E-01	-5.427E+04	1.006E+03	3.714E+02	-7.571E-02	-1.898E+00	1.714E+00	1.009E+03	-5.427E+04	1.564E+00
281	2	15	-2.168E+00	-6.460E-02	-9.602E-03	-5.436E+04	9.890E+02	3.647E+02	-6.456E-02	-2.168E+00	1.575E+00	9.914E+02	-5.436E+04	1.564E+00
281	2	16	-2.165E+00	-6.426E-02	-9.072E-03	-5.436E+04	9.886E+02	3.640E+02	-6.422E-02	-2.166E+00	1.575E+00	9.910E+02	-5.436E+04	1.564E+00
281	3	1	-1.010E+00	-3.210E-02	7.113E-02	-4.063E+04	-1.477E+03	-6.373E+02	-2.696E-02	-1.015E+00	1.499E+00	-1.466E+03	-4.064E+04	1.587E+00
281	3	2	-1.008E+00	-3.207E-02	7.167E-02	-4.063E+04	-1.477E+03	-6.379E+02	-2.684E-02	-1.013E+00	1.498E+00	-1.466E+03	-4.064E+04	1.587E+00
281	3	3	-1.249E+00	-4.658E-02	1.880E-01	-4.069E+04	-1.477E+03	-6.670E+02	-1.786E-02	-1.278E+00	1.419E+00	-1.465E+03	-4.070E+04	1.588E+00
281	3	4	-1.247E+00	-4.655E-02	1.886E-01	-4.069E+04	-1.477E+03	-6.676E+02	-1.762E-02	-1.276E+00	1.419E+00	-1.465E+03	-4.070E+04	1.588E+00
281	3	5	-1.007E+00	-3.196E-02	7.169E-02	-4.063E+04	-1.477E+03	-6.405E+02	-2.672E-02	-1.012E+00	1.498E+00	-1.466E+03	-4.064E+04	1.587E+00
281	3	6	-1.005E+00	-3.194E-02	7.223E-02	-4.063E+04	-1.477E+03	-6.410E+02	-2.660E-02	-1.010E+00	1.497E+00	-1.466E+03	-4.064E+04	1.587E+00
281	3	7	-1.246E+00	-4.644E-02	1.886E-01	-4.069E+04	-1.477E+03	-6.702E+02	-1.748E-02	-1.275E+00	1.418E+00	-1.465E+03	-4.070E+04	1.588E+00
281	3	8	-1.243E+00	-4.641E-02	1.891E-01	-4.069E+04	-1.477E+03	-6.707E+02	-1.723E-02	-1.273E+00	1.418E+00	-1.465E+03	-4.070E+04	1.588E+00
281	3	9	-1.884E+00	9.845E-02	-1.920E-01	-3.978E+04	-1.340E+03	-9.609E+02	1.169E-01	-1.902E+00	1.666E+00	-1.316E+03	-3.981E+04	1.596E+00
281	3	10	-1.881E+00	9.848E-02	-1.915E-01	-3.978E+04	-1.340E+03	-9.615E+02	1.168E-01	-1.900E+00	1.666E+00	-1.316E+03	-3.981E+04	1.596E+00
281	3	11	-2.123E+00	8.398E-02	-7.511E-02	-3.984E+04	-1.340E+03	-9.906E+02	8.653E-02	-2.125E+00	1.605E+00	-1.314E+03	-3.986E+04	1.597E+00
281	3	12	-2.120E+00	8.400E-02	-7.457E-02	-3.984E+04	-1.340E+03	-9.911E+02	8.652E-02	-2.123E+00	1.605E+00	-1.314E+03	-3.986E+04	1.597E+00
281	3	13	-1.880E+00	9.859E-02	-1.915E-01	-3.978E+04	-1.340E+03	-9.640E+02	1.169E-01	-1.898E+00	1.666E+00	-1.315E+03	-3.981E+04	1.596E+00
281	3	14	-1.878E+00	9.862E-02	-1.909E-01	-3.978E+04	-1.340E+03	-9.646E+02	1.169E-01	-1.896E+00	1.666E+00	-1.316E+03	-3.981E+04	1.596E+00
281	3	15	-2.119E+00	8.411E-02	-7.454E-02	-3.984E+04	-1.340E+03	-9.937E+02	8.663E-02	-2.122E+00	1.605E+00	-1.314E+03	-3.986E+04	1.597E+00
281	3	16	-2.117E+00	8.414E-02	-7.400E-02	-3.984E+04	-1.340E+03	-9.943E+02	8.663E-02	-2.119E+00	1.604E+00	-1.314E+03	-3.986E+04	1.597E+00
281	4	1	-9.456E-01	-1.575E-01	2.218E-01	-2.653E+04	-3.786E+03	1.214E+02	-9.934E-02	-1.004E+00	1.314E+00	-3.786E+03	-2.653E+04	1.565E+00
281	4	2	-9.434E-01	-1.578E-01	2.224E-01	-2.653E+04	-3.786E+03	1.207E+02	-9.919E-02	-1.002E+00	1.313E+00	-3.786E+03	-2.653E+04	1.565E+00
281	4	3	-1.256E+00	-1.731E-01	2.078E-01	-2.657E+04	-3.792E+03	9.086E+01	-1.346E-01	-1.295E+00	1.388E+00	-3.791E+03	-2.657E+04	1.567E+00

281	4	4	-1.254E+00	-1.734E-01	2.083E-01	-2.657E+04	-3.791E+03	9.012E+01	-1.346E-01	-1.293E+00	1.387E+00	-3.791E+03	-2.657E+04	1.567E+00
281	4	5	-9.423E-01	-1.575E-01	2.220E-01	-2.653E+04	-3.786E+03	1.180E+02	-9.908E-02	-1.001E+00	1.313E+00	-3.785E+03	-2.654E+04	1.566E+00
281	4	6	-9.401E-01	-1.578E-01	2.225E-01	-2.654E+04	-3.786E+03	1.172E+02	-9.893E-02	-9.989E-01	1.312E+00	-3.785E+03	-2.654E+04	1.566E+00
281	4	7	-1.253E+00	-1.731E-01	2.079E-01	-2.657E+04	-3.791E+03	8.736E+01	-1.345E-01	-1.292E+00	1.387E+00	-3.791E+03	-2.657E+04	1.567E+00
281	4	8	-1.251E+00	-1.734E-01	2.085E-01	-2.657E+04	-3.791E+03	8.662E+01	-1.345E-01	-1.290E+00	1.386E+00	-3.791E+03	-2.657E+04	1.567E+00
281	4	9	-1.834E+00	2.826E-01	-1.431E-01	-2.546E+04	-3.879E+03	-2.991E+02	2.922E-01	-1.843E+00	1.638E+00	-3.874E+03	-2.546E+04	1.585E+00
281	4	10	-1.831E+00	2.823E-01	-1.426E-01	-2.546E+04	-3.879E+03	-2.998E+02	2.918E-01	-1.841E+00	1.638E+00	-3.874E+03	-2.546E+04	1.585E+00
281	4	11	-2.144E+00	2.669E-01	-1.571E-01	-2.549E+04	-3.884E+03	-3.297E+02	2.771E-01	-2.154E+00	1.636E+00	-3.879E+03	-2.550E+04	1.586E+00
281	4	12	-2.142E+00	2.666E-01	-1.566E-01	-2.550E+04	-3.884E+03	-3.304E+02	2.768E-01	-2.152E+00	1.635E+00	-3.879E+03	-2.550E+04	1.586E+00
281	4	13	-1.830E+00	2.825E-01	-1.430E-01	-2.546E+04	-3.878E+03	-3.026E+02	2.921E-01	-1.840E+00	1.638E+00	-3.874E+03	-2.547E+04	1.585E+00
281	4	14	-1.828E+00	2.822E-01	-1.424E-01	-2.546E+04	-3.878E+03	-3.033E+02	2.918E-01	-1.838E+00	1.638E+00	-3.874E+03	-2.547E+04	1.585E+00
281	4	15	-2.141E+00	2.669E-01	-1.570E-01	-2.550E+04	-3.883E+03	-3.332E+02	2.771E-01	-2.151E+00	1.636E+00	-3.878E+03	-2.550E+04	1.586E+00
281	4	16	-2.139E+00	2.666E-01	-1.564E-01	-2.550E+04	-3.883E+03	-3.339E+02	2.767E-01	-2.149E+00	1.635E+00	-3.878E+03	-2.550E+04	1.586E+00
282	1	1	-1.047E+00	-3.840E-01	1.912E-01	-4.158E+04	-3.567E+03	-1.240E+03	-3.328E-01	-1.099E+00	1.309E+00	-3.527E+03	-4.162E+04	1.603E+00
282	1	2	-1.045E+00	-3.843E-01	1.937E-01	-4.158E+04	-3.568E+03	-1.241E+03	-3.318E-01	-1.098E+00	1.306E+00	-3.527E+03	-4.162E+04	1.603E+00
282	1	3	-1.261E+00	-2.265E-01	4.292E-01	-4.164E+04	-3.611E+03	-1.266E+03	-7.156E-02	-1.416E+00	1.224E+00	-3.569E+03	-4.168E+04	1.604E+00
282	1	4	-1.258E+00	-2.268E-01	4.317E-01	-4.164E+04	-3.612E+03	-1.267E+03	-7.005E-02	-1.415E+00	1.222E+00	-3.570E+03	-4.168E+04	1.604E+00
282	1	5	-1.044E+00	-3.836E-01	1.952E-01	-4.158E+04	-3.568E+03	-1.243E+03	-3.303E-01	-1.097E+00	1.304E+00	-3.527E+03	-4.162E+04	1.603E+00
282	1	6	-1.042E+00	-3.840E-01	1.977E-01	-4.158E+04	-3.569E+03	-1.244E+03	-3.292E-01	-1.097E+00	1.300E+00	-3.528E+03	-4.162E+04	1.603E+00
282	1	7	-1.257E+00	-2.262E-01	4.332E-01	-4.164E+04	-3.612E+03	-1.269E+03	-6.829E-02	-1.415E+00	1.221E+00	-3.570E+03	-4.169E+04	1.604E+00
282	1	8	-1.255E+00	-2.265E-01	4.357E-01	-4.164E+04	-3.613E+03	-1.270E+03	-6.677E-02	-1.415E+00	1.219E+00	-3.570E+03	-4.169E+04	1.604E+00
282	1	9	-1.902E+00	7.724E-02	-8.364E-01	-4.079E+04	-4.023E+03	-1.596E+03	3.833E-01	-2.209E+00	1.922E+00	-3.953E+03	-4.086E+04	1.614E+00
282	1	10	-1.900E+00	7.687E-02	-8.340E-01	-4.079E+04	-4.023E+03	-1.596E+03	3.816E-01	-2.205E+00	1.921E+00	-3.954E+03	-4.086E+04	1.614E+00
282	1	11	-2.116E+00	2.347E-01	-5.984E-01	-4.085E+04	-4.067E+03	-1.622E+03	3.783E-01	-2.259E+00	1.806E+00	-3.995E+03	-4.092E+04	1.615E+00
282	1	12	-2.113E+00	2.343E-01	-5.960E-01	-4.085E+04	-4.067E+03	-1.622E+03	3.770E-01	-2.256E+00	1.806E+00	-3.996E+03	-4.092E+04	1.615E+00
282	1	13	-1.899E+00	7.755E-02	-8.324E-01	-4.079E+04	-4.024E+03	-1.599E+03	3.814E-01	-2.203E+00	1.921E+00	-3.954E+03	-4.086E+04	1.614E+00
282	1	14	-1.897E+00	7.718E-02	-8.299E-01	-4.079E+04	-4.024E+03	-1.599E+03	3.798E-01	-2.199E+00	1.920E+00	-3.955E+03	-4.086E+04	1.614E+00
282	1	15	-2.112E+00	2.350E-01	-5.944E-01	-4.085E+04	-4.068E+03	-1.625E+03	3.770E-01	-2.254E+00	1.805E+00	-3.996E+03	-4.092E+04	1.615E+00
282	1	16	-2.110E+00	2.347E-01	-5.919E-01	-4.085E+04	-4.068E+03	-1.625E+03	3.756E-01	-2.251E+00	1.805E+00	-3.997E+03	-4.092E+04	1.615E+00
282	2	1	-4.128E-01	-1.649E-01	5.848E-01	-5.872E+04	-1.697E+04	-1.949E+03	3.090E-01	-8.866E-01	8.898E-01	-1.688E+04	-5.881E+04	1.617E+00
282	2	2	-4.116E-01	-1.647E-01	5.867E-01	-5.872E+04	-1.697E+04	-1.950E+03	3.114E-01	-8.878E-01	8.891E-01	-1.688E+04	-5.881E+04	1.617E+00
282	2	3	-5.641E-01	2.115E-01	9.030E-01	-5.879E+04	-1.709E+04	-1.943E+03	8.065E-01	-1.159E+00	9.882E-01	-1.700E+04	-5.888E+04	1.617E+00
282	2	4	-5.630E-01	2.117E-01	9.049E-01	-5.879E+04	-1.709E+04	-1.944E+03	8.087E-01	-1.160E+00	9.876E-01	-1.700E+04	-5.888E+04	1.617E+00
282	2	5	-4.100E-01	-1.645E-01	5.884E-01	-5.872E+04	-1.697E+04	-1.952E+03	3.138E-01	-8.883E-01	8.882E-01	-1.688E+04	-5.881E+04	1.617E+00
282	2	6	-4.089E-01	-1.643E-01	5.903E-01	-5.872E+04	-1.697E+04	-1.953E+03	3.162E-01	-8.894E-01	8.875E-01	-1.688E+04	-5.881E+04	1.617E+00
282	2	7	-5.613E-01	2.119E-01	9.066E-01	-5.879E+04	-1.709E+04	-1.946E+03	8.109E-01	-1.160E+00	9.870E-01	-1.700E+04	-5.888E+04	1.617E+00
282	2	8	-5.602E-01	2.121E-01	9.085E-01	-5.879E+04	-1.709E+04	-1.946E+03	8.131E-01	-1.161E+00	9.864E-01	-1.700E+04	-5.888E+04	1.617E+00
282	2	9	-2.114E+00	-4.200E-01	-1.031E+00	-5.748E+04	-1.680E+04	-1.803E+03	6.713E-02	-2.601E+00	2.012E+00	-1.672E+04	-5.756E+04	1.615E+00
282	2	10	-2.113E+00	-4.199E-01	-1.029E+00	-5.748E+04	-1.680E+04	-1.804E+03	6.599E-02	-2.598E+00	2.012E+00	-1.672E+04	-5.756E+04	1.615E+00
282	2	11	-2.265E+00	-4.362E-02	-7.126E-01	-5.756E+04	-1.692E+04	-1.797E+03	1.653E-01	-2.474E+00	1.856E+00	-1.684E+04	-5.764E+04	1.615E+00
282	2	12	-2.264E+00	-4.346E-02	-7.106E-01	-5.756E+04	-1.692E+04	-1.798E+03	1.645E-01	-2.472E+00	1.855E+00	-1.684E+04	-5.764E+04	1.615E+00
282	2	13	-2.111E+00	-4.196E-01	-1.027E+00	-5.748E+04	-1.680E+04	-1.806E+03	6.524E-02	-2.596E+00	2.012E+00	-1.672E+04	-5.756E+04	1.615E+00
282	2	14	-2.110E+00	-4.195E-01	-1.025E+00	-5.748E+04	-1.680E+04	-1.807E+03	6.410E-02	-2.593E+00	2.012E+00	-1.672E+04	-5.756E+04	1.615E+00

282	2	15	-2.262E+00	-4.321E-02	-7.090E-01	-5.756E+04	-1.692E+04	-1.800E+03	1.640E-01	-2.469E+00	1.855E+00	-1.684E+04	-5.764E+04	1.615E+00
282	2	16	-2.261E+00	-4.304E-02	-7.071E-01	-5.756E+04	-1.692E+04	-1.800E+03	1.632E-01	-2.467E+00	1.855E+00	-1.684E+04	-5.764E+04	1.615E+00
282	3	1	3.306E-01	-7.640E-01	2.621E-01	-4.013E+04	-2.130E+04	-1.258E+03	3.901E-01	-8.235E-01	2.233E-01	-2.122E+04	-4.021E+04	1.637E+00
282	3	2	3.306E-01	-7.636E-01	2.646E-01	-4.013E+04	-2.130E+04	-1.259E+03	3.912E-01	-8.242E-01	2.252E-01	-2.122E+04	-4.021E+04	1.637E+00
282	3	3	3.199E-01	-6.789E-01	5.533E-01	-4.015E+04	-2.135E+04	-1.333E+03	5.658E-01	-9.249E-01	4.183E-01	-2.126E+04	-4.024E+04	1.641E+00
282	3	4	3.199E-01	-6.785E-01	5.558E-01	-4.015E+04	-2.135E+04	-1.333E+03	5.678E-01	-9.264E-01	4.195E-01	-2.126E+04	-4.024E+04	1.641E+00
282	3	5	3.325E-01	-7.631E-01	2.661E-01	-4.013E+04	-2.130E+04	-1.261E+03	3.937E-01	-8.243E-01	2.261E-01	-2.122E+04	-4.021E+04	1.637E+00
282	3	6	3.325E-01	-7.627E-01	2.685E-01	-4.013E+04	-2.130E+04	-1.262E+03	3.948E-01	-8.250E-01	2.280E-01	-2.122E+04	-4.021E+04	1.637E+00
282	3	7	3.218E-01	-6.780E-01	5.573E-01	-4.015E+04	-2.135E+04	-1.335E+03	5.705E-01	-9.267E-01	4.198E-01	-2.126E+04	-4.024E+04	1.641E+00
282	3	8	3.218E-01	-6.776E-01	5.598E-01	-4.015E+04	-2.135E+04	-1.336E+03	5.725E-01	-9.283E-01	4.210E-01	-2.126E+04	-4.024E+04	1.641E+00
282	3	9	-2.475E+00	1.693E-01	-9.353E-01	-3.880E+04	-2.094E+04	-1.481E+03	4.667E-01	-2.772E+00	1.879E+00	-2.082E+04	-3.893E+04	1.653E+00
282	3	10	-2.475E+00	1.697E-01	-9.328E-01	-3.880E+04	-2.094E+04	-1.482E+03	4.656E-01	-2.771E+00	1.878E+00	-2.082E+04	-3.893E+04	1.653E+00
282	3	11	-2.486E+00	2.544E-01	-6.441E-01	-3.882E+04	-2.099E+04	-1.555E+03	3.982E-01	-2.629E+00	1.791E+00	-2.086E+04	-3.896E+04	1.657E+00
282	3	12	-2.485E+00	2.548E-01	-6.416E-01	-3.882E+04	-2.099E+04	-1.556E+03	3.976E-01	-2.628E+00	1.790E+00	-2.086E+04	-3.896E+04	1.657E+00
282	3	13	-2.473E+00	1.702E-01	-9.313E-01	-3.880E+04	-2.094E+04	-1.484E+03	4.654E-01	-2.768E+00	1.878E+00	-2.082E+04	-3.893E+04	1.653E+00
282	3	14	-2.473E+00	1.706E-01	-9.288E-01	-3.880E+04	-2.094E+04	-1.484E+03	4.643E-01	-2.767E+00	1.877E+00	-2.082E+04	-3.893E+04	1.653E+00
282	3	15	-2.484E+00	2.553E-01	-6.401E-01	-3.882E+04	-2.099E+04	-1.558E+03	3.975E-01	-2.626E+00	1.789E+00	-2.086E+04	-3.896E+04	1.657E+00
282	3	16	-2.484E+00	2.557E-01	-6.376E-01	-3.882E+04	-2.099E+04	-1.559E+03	3.968E-01	-2.625E+00	1.789E+00	-2.086E+04	-3.896E+04	1.657E+00
282	4	1	-3.145E-01	-9.062E-01	-1.122E-01	-2.039E+04	-1.567E+04	-1.945E+03	-2.939E-01	-9.268E-01	-1.813E-01	-1.497E+04	-2.109E+04	1.915E+00
282	4	2	-3.134E-01	-9.063E-01	-1.092E-01	-2.039E+04	-1.567E+04	-1.946E+03	-2.939E-01	-9.258E-01	-1.764E-01	-1.497E+04	-2.109E+04	1.915E+00
282	4	3	-3.870E-01	-1.040E+00	9.879E-02	-2.039E+04	-1.566E+04	-1.991E+03	-3.724E-01	-1.055E+00	1.469E-01	-1.493E+04	-2.112E+04	1.920E+00
282	4	4	-3.859E-01	-1.040E+00	1.018E-01	-2.039E+04	-1.566E+04	-1.992E+03	-3.704E-01	-1.056E+00	1.509E-01	-1.493E+04	-2.112E+04	1.920E+00
282	4	5	-3.118E-01	-9.054E-01	-1.078E-01	-2.039E+04	-1.567E+04	-1.948E+03	-2.928E-01	-9.243E-01	-1.742E-01	-1.497E+04	-2.109E+04	1.916E+00
282	4	6	-3.107E-01	-9.055E-01	-1.048E-01	-2.039E+04	-1.567E+04	-1.949E+03	-2.927E-01	-9.234E-01	-1.693E-01	-1.497E+04	-2.109E+04	1.916E+00
282	4	7	-3.843E-01	-1.039E+00	1.032E-01	-2.039E+04	-1.566E+04	-1.994E+03	-3.684E-01	-1.055E+00	1.527E-01	-1.493E+04	-2.112E+04	1.921E+00
282	4	8	-3.831E-01	-1.039E+00	1.063E-01	-2.039E+04	-1.566E+04	-1.995E+03	-3.664E-01	-1.056E+00	1.566E-01	-1.493E+04	-2.112E+04	1.921E+00
282	4	9	-2.253E+00	5.897E-01	-7.603E-01	-1.954E+04	-1.612E+04	-2.253E+03	7.802E-01	-2.444E+00	1.816E+00	-1.500E+04	-2.066E+04	2.031E+00
282	4	10	-2.252E+00	5.895E-01	-7.572E-01	-1.954E+04	-1.612E+04	-2.254E+03	7.787E-01	-2.441E+00	1.816E+00	-1.500E+04	-2.066E+04	2.032E+00
282	4	11	-2.326E+00	4.558E-01	-5.492E-01	-1.954E+04	-1.611E+04	-2.299E+03	5.603E-01	-2.430E+00	1.759E+00	-1.496E+04	-2.070E+04	2.036E+00
282	4	12	-2.325E+00	4.557E-01	-5.462E-01	-1.954E+04	-1.611E+04	-2.300E+03	5.591E-01	-2.428E+00	1.758E+00	-1.496E+04	-2.070E+04	2.036E+00
282	4	13	-2.251E+00	5.905E-01	-7.558E-01	-1.954E+04	-1.612E+04	-2.257E+03	7.790E-01	-2.439E+00	1.815E+00	-1.500E+04	-2.067E+04	2.032E+00
282	4	14	-2.249E+00	5.903E-01	-7.528E-01	-1.954E+04	-1.612E+04	-2.258E+03	7.775E-01	-2.437E+00	1.815E+00	-1.500E+04	-2.067E+04	2.032E+00
282	4	15	-2.323E+00	4.566E-01	-5.448E-01	-1.955E+04	-1.611E+04	-2.303E+03	5.596E-01	-2.426E+00	1.758E+00	-1.496E+04	-2.070E+04	2.036E+00
282	4	16	-2.322E+00	4.565E-01	-5.417E-01	-1.955E+04	-1.611E+04	-2.304E+03	5.584E-01	-2.424E+00	1.757E+00	-1.496E+04	-2.070E+04	2.036E+00
283	1	1	3.495E-01	-6.525E-01	-6.436E-01	-4.014E+04	-2.139E+04	-1.461E+03	6.641E-01	-9.671E-01	-4.547E-01	-2.127E+04	-4.026E+04	1.648E+00
283	1	2	3.494E-01	-6.529E-01	-6.411E-01	-4.014E+04	-2.139E+04	-1.461E+03	6.620E-01	-9.654E-01	-4.536E-01	-2.127E+04	-4.026E+04	1.648E+00
283	1	3	3.055E-01	-7.896E-01	-3.537E-01	-4.013E+04	-2.123E+04	-1.540E+03	4.098E-01	-8.939E-01	-2.868E-01	-2.111E+04	-4.025E+04	1.652E+00
283	1	4	3.054E-01	-7.900E-01	-3.512E-01	-4.013E+04	-2.123E+04	-1.540E+03	4.083E-01	-8.929E-01	-2.851E-01	-2.111E+04	-4.025E+04	1.652E+00
283	1	5	3.512E-01	-6.529E-01	-6.407E-01	-4.015E+04	-2.139E+04	-1.463E+03	6.631E-01	-9.648E-01	-4.531E-01	-2.127E+04	-4.026E+04	1.648E+00
283	1	6	3.511E-01	-6.533E-01	-6.382E-01	-4.014E+04	-2.139E+04	-1.464E+03	6.610E-01	-9.632E-01	-4.521E-01	-2.127E+04	-4.026E+04	1.648E+00
283	1	7	3.072E-01	-7.899E-01	-3.509E-01	-4.013E+04	-2.124E+04	-1.542E+03	4.098E-01	-8.926E-01	-2.845E-01	-2.111E+04	-4.025E+04	1.652E+00
283	1	8	3.071E-01	-7.903E-01	-3.484E-01	-4.013E+04	-2.124E+04	-1.543E+03	4.083E-01	-8.916E-01	-2.828E-01	-2.111E+04	-4.025E+04	1.652E+00
283	1	9	-2.462E+00	2.703E-01	7.275E-01	-3.882E+04	-2.107E+04	-1.284E+03	4.520E-01	-2.644E+00	1.326E+00	-2.097E+04	-3.891E+04	1.643E+00

283	1	10	-2.462E+00	2.699E-01	7.300E-01	-3.882E+04	-2.107E+04	-1.285E+03	4.528E-01	-2.645E+00	1.325E+00	-2.097E+04	-3.891E+04	1.643E+00
283	1	11	-2.506E+00	1.333E-01	1.017E+00	-3.881E+04	-2.091E+04	-1.363E+03	4.800E-01	-2.853E+00	1.242E+00	-2.081E+04	-3.891E+04	1.646E+00
283	1	12	-2.506E+00	1.329E-01	1.020E+00	-3.881E+04	-2.091E+04	-1.364E+03	4.811E-01	-2.854E+00	1.242E+00	-2.081E+04	-3.891E+04	1.646E+00
283	1	13	-2.460E+00	2.700E-01	7.304E-01	-3.882E+04	-2.107E+04	-1.287E+03	4.531E-01	-2.643E+00	1.325E+00	-2.097E+04	-3.892E+04	1.643E+00
283	1	14	-2.460E+00	2.696E-01	7.329E-01	-3.882E+04	-2.107E+04	-1.287E+03	4.539E-01	-2.645E+00	1.324E+00	-2.097E+04	-3.892E+04	1.643E+00
283	1	15	-2.504E+00	1.329E-01	1.020E+00	-3.881E+04	-2.091E+04	-1.366E+03	4.815E-01	-2.853E+00	1.242E+00	-2.081E+04	-3.891E+04	1.647E+00
283	1	16	-2.504E+00	1.325E-01	1.023E+00	-3.881E+04	-2.091E+04	-1.366E+03	4.827E-01	-2.854E+00	1.241E+00	-2.081E+04	-3.891E+04	1.647E+00
283	2	1	-5.127E-01	2.002E-01	-1.003E+00	-5.879E+04	-1.713E+04	2.036E+03	9.081E-01	-1.221E+00	2.185E+00	-1.703E+04	-5.889E+04	1.522E+00
283	2	2	-5.138E-01	2.001E-01	-1.001E+00	-5.879E+04	-1.713E+04	2.036E+03	9.058E-01	-1.220E+00	2.185E+00	-1.703E+04	-5.889E+04	1.522E+00
283	2	3	-4.005E-01	-1.378E-01	-6.588E-01	-5.871E+04	-1.693E+04	2.027E+03	4.026E-01	-9.409E-01	2.258E+00	-1.684E+04	-5.881E+04	1.522E+00
283	2	4	-4.016E-01	-1.380E-01	-6.569E-01	-5.871E+04	-1.693E+04	2.026E+03	4.002E-01	-9.398E-01	2.257E+00	-1.684E+04	-5.881E+04	1.522E+00
283	2	5	-5.131E-01	2.002E-01	-1.001E+00	-5.879E+04	-1.713E+04	2.034E+03	9.063E-01	-1.219E+00	2.185E+00	-1.703E+04	-5.889E+04	1.522E+00
283	2	6	-5.142E-01	2.000E-01	-9.992E-01	-5.879E+04	-1.713E+04	2.033E+03	9.040E-01	-1.218E+00	2.185E+00	-1.703E+04	-5.889E+04	1.522E+00
283	2	7	-4.008E-01	-1.379E-01	-6.571E-01	-5.871E+04	-1.693E+04	2.024E+03	4.008E-01	-9.395E-01	2.257E+00	-1.684E+04	-5.881E+04	1.522E+00
283	2	8	-4.019E-01	-1.380E-01	-6.552E-01	-5.871E+04	-1.693E+04	2.024E+03	3.984E-01	-9.383E-01	2.257E+00	-1.684E+04	-5.881E+04	1.523E+00
283	2	9	-2.312E+00	-6.968E-02	7.604E-01	-5.756E+04	-1.695E+04	1.728E+03	1.638E-01	-2.546E+00	1.273E+00	-1.687E+04	-5.763E+04	1.528E+00
283	2	10	-2.313E+00	-6.985E-02	7.623E-01	-5.755E+04	-1.695E+04	1.727E+03	1.646E-01	-2.548E+00	1.272E+00	-1.687E+04	-5.763E+04	1.528E+00
283	2	11	-2.200E+00	-4.077E-01	1.104E+00	-5.748E+04	-1.676E+04	1.718E+03	1.184E-01	-2.726E+00	1.126E+00	-1.668E+04	-5.755E+04	1.529E+00
283	2	12	-2.201E+00	-4.079E-01	1.106E+00	-5.748E+04	-1.676E+04	1.717E+03	1.195E-01	-2.728E+00	1.126E+00	-1.668E+04	-5.755E+04	1.529E+00
283	2	13	-2.313E+00	-6.973E-02	7.620E-01	-5.756E+04	-1.695E+04	1.725E+03	1.647E-01	-2.547E+00	1.272E+00	-1.687E+04	-5.763E+04	1.528E+00
283	2	14	-2.314E+00	-6.990E-02	7.640E-01	-5.756E+04	-1.695E+04	1.725E+03	1.655E-01	-2.549E+00	1.272E+00	-1.687E+04	-5.763E+04	1.528E+00
283	2	15	-2.200E+00	-4.078E-01	1.106E+00	-5.748E+04	-1.676E+04	1.715E+03	1.196E-01	-2.728E+00	1.126E+00	-1.668E+04	-5.755E+04	1.529E+00
283	2	16	-2.201E+00	-4.079E-01	1.108E+00	-5.748E+04	-1.676E+04	1.715E+03	1.207E-01	-2.730E+00	1.126E+00	-1.668E+04	-5.755E+04	1.529E+00
283	3	1	-1.213E+00	-1.696E-01	-5.387E-01	-4.167E+04	-3.643E+03	1.277E+03	5.867E-02	-1.441E+00	1.972E+00	-3.600E+03	-4.172E+04	1.537E+00
283	3	2	-1.215E+00	-1.692E-01	-5.363E-01	-4.167E+04	-3.642E+03	1.276E+03	5.688E-02	-1.441E+00	1.970E+00	-3.599E+03	-4.171E+04	1.537E+00
283	3	3	-9.918E-01	-4.014E-01	-2.809E-01	-4.159E+04	-3.510E+03	1.219E+03	-2.891E-01	-1.104E+00	1.951E+00	-3.471E+03	-4.163E+04	1.539E+00
283	3	4	-9.940E-01	-4.011E-01	-2.785E-01	-4.159E+04	-3.510E+03	1.218E+03	-2.908E-01	-1.104E+00	1.948E+00	-3.471E+03	-4.162E+04	1.539E+00
283	3	5	-1.215E+00	-1.685E-01	-5.360E-01	-4.167E+04	-3.642E+03	1.275E+03	5.727E-02	-1.441E+00	1.969E+00	-3.599E+03	-4.171E+04	1.537E+00
283	3	6	-1.218E+00	-1.681E-01	-5.335E-01	-4.167E+04	-3.642E+03	1.274E+03	5.549E-02	-1.441E+00	1.968E+00	-3.599E+03	-4.171E+04	1.537E+00
283	3	7	-9.943E-01	-4.003E-01	-2.782E-01	-4.159E+04	-3.510E+03	1.217E+03	-2.904E-01	-1.104E+00	1.947E+00	-3.471E+03	-4.162E+04	1.539E+00
283	3	8	-9.965E-01	-3.999E-01	-2.757E-01	-4.158E+04	-3.509E+03	1.216E+03	-2.920E-01	-1.104E+00	1.944E+00	-3.470E+03	-4.162E+04	1.539E+00
283	3	9	-2.240E+00	2.668E-01	6.797E-01	-4.082E+04	-4.109E+03	1.658E+03	4.392E-01	-2.413E+00	1.322E+00	-4.034E+03	-4.089E+04	1.526E+00
283	3	10	-2.242E+00	2.671E-01	6.822E-01	-4.082E+04	-4.109E+03	1.658E+03	4.406E-01	-2.416E+00	1.322E+00	-4.034E+03	-4.089E+04	1.526E+00
283	3	11	-2.019E+00	3.492E-02	9.375E-01	-4.073E+04	-3.976E+03	1.600E+03	3.985E-01	-2.383E+00	1.201E+00	-3.907E+03	-4.080E+04	1.527E+00
283	3	12	-2.021E+00	3.529E-02	9.400E-01	-4.073E+04	-3.976E+03	1.600E+03	4.002E-01	-2.386E+00	1.201E+00	-3.906E+03	-4.080E+04	1.527E+00
283	3	13	-2.243E+00	2.679E-01	6.824E-01	-4.082E+04	-4.108E+03	1.656E+03	4.414E-01	-2.416E+00	1.322E+00	-4.034E+03	-4.089E+04	1.526E+00
283	3	14	-2.245E+00	2.682E-01	6.849E-01	-4.082E+04	-4.108E+03	1.655E+03	4.428E-01	-2.420E+00	1.321E+00	-4.034E+03	-4.089E+04	1.526E+00
283	3	15	-2.022E+00	3.604E-02	9.403E-01	-4.073E+04	-3.976E+03	1.598E+03	4.010E-01	-2.387E+00	1.201E+00	-3.907E+03	-4.080E+04	1.527E+00
283	3	16	-2.024E+00	3.641E-02	9.427E-01	-4.073E+04	-3.976E+03	1.597E+03	4.027E-01	-2.390E+00	1.200E+00	-3.906E+03	-4.080E+04	1.527E+00
283	4	1	-3.551E-01	-9.557E-01	-1.840E-01	-2.042E+04	-1.570E+04	1.998E+03	-3.033E-01	-1.008E+00	-2.749E-01	-1.497E+04	-2.115E+04	1.220E+00
283	4	2	-3.563E-01	-9.556E-01	-1.809E-01	-2.042E+04	-1.570E+04	1.997E+03	-3.059E-01	-1.006E+00	-2.716E-01	-1.497E+04	-2.115E+04	1.220E+00
283	4	3	-2.903E-01	-9.865E-01	1.968E-02	-2.041E+04	-1.557E+04	1.921E+03	-2.898E-01	-9.871E-01	2.824E-02	-1.490E+04	-2.108E+04	1.235E+00
283	4	4	-2.915E-01	-9.864E-01	2.273E-02	-2.041E+04	-1.557E+04	1.920E+03	-2.908E-01	-9.871E-01	3.267E-02	-1.490E+04	-2.108E+04	1.235E+00

283	4	5	-3.556E-01	-9.549E-01	-1.801E-01	-2.042E+04	-1.570E+04	1.994E+03	-3.057E-01	-1.005E+00	-2.705E-01	-1.497E+04	-2.115E+04	1.220E+00
283	4	6	-3.568E-01	-9.548E-01	-1.770E-01	-2.042E+04	-1.570E+04	1.993E+03	-3.083E-01	-1.003E+00	-2.673E-01	-1.497E+04	-2.115E+04	1.220E+00
283	4	7	-2.908E-01	-9.857E-01	2.360E-02	-2.041E+04	-1.557E+04	1.918E+03	-2.900E-01	-9.865E-01	3.391E-02	-1.490E+04	-2.107E+04	1.236E+00
283	4	8	-2.920E-01	-9.856E-01	2.665E-02	-2.041E+04	-1.557E+04	1.917E+03	-2.910E-01	-9.866E-01	3.835E-02	-1.490E+04	-2.107E+04	1.236E+00
283	4	9	-2.385E+00	5.401E-01	6.514E-01	-1.951E+04	-1.621E+04	2.307E+03	6.786E-01	-2.524E+00	1.361E+00	-1.502E+04	-2.070E+04	1.096E+00
283	4	10	-2.387E+00	5.403E-01	6.544E-01	-1.951E+04	-1.621E+04	2.306E+03	6.799E-01	-2.526E+00	1.361E+00	-1.502E+04	-2.070E+04	1.096E+00
283	4	11	-2.321E+00	5.093E-01	8.550E-01	-1.950E+04	-1.607E+04	2.231E+03	7.476E-01	-2.559E+00	1.299E+00	-1.497E+04	-2.060E+04	1.113E+00
283	4	12	-2.322E+00	5.094E-01	8.581E-01	-1.950E+04	-1.607E+04	2.230E+03	7.492E-01	-2.562E+00	1.298E+00	-1.497E+04	-2.060E+04	1.113E+00
283	4	13	-2.386E+00	5.409E-01	6.553E-01	-1.951E+04	-1.621E+04	2.304E+03	6.809E-01	-2.526E+00	1.360E+00	-1.503E+04	-2.069E+04	1.096E+00
283	4	14	-2.387E+00	5.410E-01	6.583E-01	-1.951E+04	-1.621E+04	2.303E+03	6.822E-01	-2.528E+00	1.360E+00	-1.503E+04	-2.069E+04	1.096E+00
283	4	15	-2.321E+00	5.101E-01	8.589E-01	-1.950E+04	-1.607E+04	2.227E+03	7.503E-01	-2.561E+00	1.298E+00	-1.498E+04	-2.059E+04	1.113E+00
283	4	16	-2.322E+00	5.102E-01	8.620E-01	-1.950E+04	-1.607E+04	2.226E+03	7.519E-01	-2.564E+00	1.297E+00	-1.498E+04	-2.059E+04	1.113E+00
284	1	1	-1.214E+00	-4.564E-02	-2.035E-01	-4.071E+04	-1.477E+03	6.560E+02	-1.120E-02	-1.248E+00	1.738E+00	-1.466E+03	-4.072E+04	1.554E+00
284	1	2	-1.216E+00	-4.567E-02	-2.030E-01	-4.071E+04	-1.477E+03	6.553E+02	-1.146E-02	-1.250E+00	1.738E+00	-1.466E+03	-4.072E+04	1.554E+00
284	1	3	-9.561E-01	-3.416E-02	-8.055E-02	-4.064E+04	-1.478E+03	5.817E+02	-2.718E-02	-9.631E-01	1.657E+00	-1.470E+03	-4.065E+04	1.556E+00
284	1	4	-9.584E-01	-3.419E-02	-8.001E-02	-4.064E+04	-1.478E+03	5.810E+02	-2.732E-02	-9.653E-01	1.657E+00	-1.469E+03	-4.065E+04	1.556E+00
284	1	5	-1.216E+00	-4.559E-02	-2.029E-01	-4.071E+04	-1.477E+03	6.536E+02	-1.142E-02	-1.251E+00	1.738E+00	-1.466E+03	-4.072E+04	1.554E+00
284	1	6	-1.219E+00	-4.562E-02	-2.024E-01	-4.071E+04	-1.477E+03	6.529E+02	-1.169E-02	-1.253E+00	1.737E+00	-1.466E+03	-4.072E+04	1.554E+00
284	1	7	-9.588E-01	-3.411E-02	-7.994E-02	-4.064E+04	-1.478E+03	5.794E+02	-2.725E-02	-9.657E-01	1.656E+00	-1.470E+03	-4.065E+04	1.556E+00
284	1	8	-9.611E-01	-3.414E-02	-7.940E-02	-4.064E+04	-1.478E+03	5.787E+02	-2.739E-02	-9.678E-01	1.656E+00	-1.470E+03	-4.065E+04	1.556E+00
284	1	9	-2.248E+00	8.524E-02	7.484E-02	-3.980E+04	-1.339E+03	1.042E+03	8.764E-02	-2.250E+00	1.539E+00	-1.311E+03	-3.983E+04	1.544E+00
284	1	10	-2.250E+00	8.521E-02	7.538E-02	-3.980E+04	-1.339E+03	1.041E+03	8.764E-02	-2.253E+00	1.539E+00	-1.311E+03	-3.983E+04	1.544E+00
284	1	11	-1.990E+00	9.672E-02	1.978E-01	-3.974E+04	-1.341E+03	9.679E+02	1.153E-01	-2.009E+00	1.477E+00	-1.316E+03	-3.976E+04	1.546E+00
284	1	12	-1.993E+00	9.669E-02	1.984E-01	-3.974E+04	-1.341E+03	9.672E+02	1.153E-01	-2.011E+00	1.477E+00	-1.316E+03	-3.976E+04	1.546E+00
284	1	13	-2.251E+00	8.529E-02	7.545E-02	-3.980E+04	-1.340E+03	1.040E+03	8.773E-02	-2.253E+00	1.539E+00	-1.311E+03	-3.983E+04	1.544E+00
284	1	14	-2.253E+00	8.526E-02	7.599E-02	-3.980E+04	-1.339E+03	1.039E+03	8.773E-02	-2.255E+00	1.538E+00	-1.311E+03	-3.983E+04	1.544E+00
284	1	15	-1.993E+00	9.677E-02	1.984E-01	-3.974E+04	-1.341E+03	9.656E+02	1.154E-01	-2.012E+00	1.477E+00	-1.317E+03	-3.976E+04	1.546E+00
284	1	16	-1.995E+00	9.674E-02	1.990E-01	-3.974E+04	-1.341E+03	9.649E+02	1.155E-01	-2.014E+00	1.477E+00	-1.316E+03	-3.976E+04	1.546E+00
284	2	1	-1.233E+00	7.962E-02	-2.548E-01	-5.496E+04	6.501E+02	3.474E+02	1.273E-01	-1.281E+00	1.756E+00	6.523E+02	-5.497E+04	1.565E+00
284	2	2	-1.235E+00	7.927E-02	-2.542E-01	-5.496E+04	6.506E+02	3.467E+02	1.267E-01	-1.283E+00	1.755E+00	6.528E+02	-5.497E+04	1.565E+00
284	2	3	-8.765E-01	4.477E-02	5.659E-02	-5.484E+04	6.957E+02	3.283E+02	4.824E-02	-8.800E-01	1.510E+00	6.976E+02	-5.484E+04	1.565E+00
284	2	4	-8.788E-01	4.443E-02	5.712E-02	-5.484E+04	6.962E+02	3.276E+02	4.795E-02	-8.823E-01	1.509E+00	6.981E+02	-5.484E+04	1.565E+00
284	2	5	-1.236E+00	7.921E-02	-2.541E-01	-5.496E+04	6.508E+02	3.450E+02	1.266E-01	-1.283E+00	1.755E+00	6.529E+02	-5.497E+04	1.565E+00
284	2	6	-1.238E+00	7.887E-02	-2.536E-01	-5.496E+04	6.513E+02	3.443E+02	1.260E-01	-1.285E+00	1.755E+00	6.534E+02	-5.497E+04	1.565E+00
284	2	7	-8.792E-01	4.437E-02	5.723E-02	-5.484E+04	6.963E+02	3.260E+02	4.790E-02	-8.828E-01	1.509E+00	6.982E+02	-5.484E+04	1.565E+00
284	2	8	-8.815E-01	4.402E-02	5.776E-02	-5.484E+04	6.968E+02	3.253E+02	4.761E-02	-8.851E-01	1.509E+00	6.987E+02	-5.484E+04	1.565E+00
284	2	9	-2.306E+00	-8.130E-02	-6.911E-03	-5.436E+04	1.001E+03	7.561E+02	-8.128E-02	-2.306E+00	1.574E+00	1.012E+03	-5.437E+04	1.557E+00
284	2	10	-2.308E+00	-8.165E-02	-6.381E-03	-5.436E+04	1.002E+03	7.554E+02	-8.163E-02	-2.308E+00	1.574E+00	1.012E+03	-5.437E+04	1.557E+00
284	2	11	-1.949E+00	-1.161E-01	3.044E-01	-5.424E+04	1.047E+03	7.370E+02	-6.691E-02	-1.999E+00	1.410E+00	1.057E+03	-5.425E+04	1.557E+00
284	2	12	-1.952E+00	-1.165E-01	3.050E-01	-5.424E+04	1.047E+03	7.363E+02	-6.714E-02	-2.001E+00	1.410E+00	1.057E+03	-5.425E+04	1.557E+00
284	2	13	-2.308E+00	-8.171E-02	-6.273E-03	-5.436E+04	1.002E+03	7.537E+02	-8.169E-02	-2.308E+00	1.574E+00	1.012E+03	-5.437E+04	1.557E+00
284	2	14	-2.311E+00	-8.205E-02	-5.744E-03	-5.436E+04	1.003E+03	7.530E+02	-8.204E-02	-2.311E+00	1.573E+00	1.013E+03	-5.437E+04	1.557E+00
284	2	15	-1.952E+00	-1.166E-01	3.051E-01	-5.424E+04	1.048E+03	7.347E+02	-6.717E-02	-2.001E+00	1.410E+00	1.057E+03	-5.425E+04	1.558E+00

284	2	16	-1.954E+00	-1.169E-01	3.056E-01	-5.424E+04	1.048E+03	7.339E+02	-6.740E-02	-2.004E+00	1.410E+00	1.058E+03	-5.425E+04	1.558E+00
284	3	1	-1.266E+00	-4.050E-02	-2.078E-01	-4.075E+04	-5.279E+02	-3.151E+03	-6.233E-03	-1.301E+00	1.734E+00	-2.826E+02	-4.100E+04	1.649E+00
284	3	2	-1.269E+00	-4.052E-02	-2.073E-01	-4.075E+04	-5.277E+02	-3.152E+03	-6.490E-03	-1.303E+00	1.734E+00	-2.822E+02	-4.100E+04	1.649E+00
284	3	3	-8.111E-01	-1.180E-01	-8.476E-02	-4.066E+04	-4.771E+02	-3.209E+03	-1.078E-01	-8.213E-01	1.691E+00	-2.225E+02	-4.091E+04	1.650E+00
284	3	4	-8.134E-01	-1.180E-01	-8.421E-02	-4.066E+04	-4.769E+02	-3.209E+03	-1.079E-01	-8.234E-01	1.690E+00	-2.222E+02	-4.091E+04	1.650E+00
284	3	5	-1.269E+00	-4.045E-02	-2.072E-01	-4.075E+04	-5.278E+02	-3.153E+03	-6.462E-03	-1.303E+00	1.733E+00	-2.820E+02	-4.100E+04	1.649E+00
284	3	6	-1.271E+00	-4.048E-02	-2.066E-01	-4.075E+04	-5.276E+02	-3.154E+03	-6.717E-03	-1.305E+00	1.733E+00	-2.817E+02	-4.100E+04	1.649E+00
284	3	7	-8.137E-01	-1.179E-01	-8.413E-02	-4.066E+04	-4.769E+02	-3.211E+03	-1.079E-01	-8.238E-01	1.689E+00	-2.220E+02	-4.091E+04	1.650E+00
284	3	8	-8.160E-01	-1.179E-01	-8.358E-02	-4.066E+04	-4.767E+02	-3.212E+03	-1.081E-01	-8.259E-01	1.688E+00	-2.216E+02	-4.091E+04	1.650E+00
284	3	9	-2.336E+00	1.436E-01	8.203E-02	-3.988E+04	-4.552E+02	-2.764E+03	1.463E-01	-2.339E+00	1.538E+00	-2.624E+02	-4.007E+04	1.640E+00
284	3	10	-2.339E+00	1.436E-01	8.258E-02	-3.988E+04	-4.550E+02	-2.764E+03	1.463E-01	-2.342E+00	1.538E+00	-2.621E+02	-4.007E+04	1.640E+00
284	3	11	-1.881E+00	6.612E-02	2.051E-01	-3.979E+04	-4.044E+02	-2.821E+03	8.748E-02	-1.902E+00	1.467E+00	-2.033E+02	-3.999E+04	1.642E+00
284	3	12	-1.883E+00	6.610E-02	2.056E-01	-3.978E+04	-4.041E+02	-2.822E+03	8.755E-02	-1.905E+00	1.467E+00	-2.030E+02	-3.999E+04	1.642E+00
284	3	13	-2.339E+00	1.436E-01	8.265E-02	-3.988E+04	-4.550E+02	-2.766E+03	1.464E-01	-2.342E+00	1.538E+00	-2.619E+02	-4.007E+04	1.640E+00
284	3	14	-2.341E+00	1.436E-01	8.321E-02	-3.988E+04	-4.548E+02	-2.767E+03	1.464E-01	-2.344E+00	1.537E+00	-2.616E+02	-4.007E+04	1.641E+00
284	3	15	-1.884E+00	6.616E-02	2.057E-01	-3.978E+04	-4.042E+02	-2.823E+03	8.763E-02	-1.905E+00	1.467E+00	-2.028E+02	-3.999E+04	1.642E+00
284	3	16	-1.886E+00	6.614E-02	2.063E-01	-3.978E+04	-4.040E+02	-2.824E+03	8.769E-02	-1.908E+00	1.467E+00	-2.025E+02	-3.999E+04	1.642E+00
284	4	1	-1.249E+00	-1.482E-01	-1.787E-01	-2.661E+04	-3.786E+03	-9.621E+01	-1.199E-01	-1.278E+00	1.728E+00	-3.786E+03	-2.661E+04	1.575E+00
284	4	2	-1.252E+00	-1.479E-01	-1.781E-01	-2.660E+04	-3.786E+03	-9.704E+01	-1.199E-01	-1.280E+00	1.727E+00	-3.786E+03	-2.661E+04	1.575E+00
284	4	3	-8.927E-01	-1.794E-01	-2.440E-01	-2.657E+04	-3.772E+03	-1.810E+02	-1.039E-01	-9.682E-01	1.871E+00	-3.771E+03	-2.657E+04	1.579E+00
284	4	4	-8.949E-01	-1.791E-01	-2.435E-01	-2.656E+04	-3.772E+03	-1.819E+02	-1.041E-01	-9.699E-01	1.869E+00	-3.771E+03	-2.657E+04	1.579E+00
284	4	5	-1.252E+00	-1.477E-01	-1.781E-01	-2.660E+04	-3.787E+03	-9.866E+01	-1.197E-01	-1.280E+00	1.727E+00	-3.786E+03	-2.661E+04	1.575E+00
284	4	6	-1.254E+00	-1.474E-01	-1.775E-01	-2.660E+04	-3.787E+03	-9.949E+01	-1.196E-01	-1.282E+00	1.726E+00	-3.787E+03	-2.660E+04	1.575E+00
284	4	7	-8.953E-01	-1.788E-01	-2.434E-01	-2.656E+04	-3.773E+03	-1.835E+02	-1.040E-01	-9.702E-01	1.869E+00	-3.771E+03	-2.657E+04	1.579E+00
284	4	8	-8.975E-01	-1.786E-01	-2.429E-01	-2.656E+04	-3.773E+03	-1.843E+02	-1.042E-01	-9.719E-01	1.868E+00	-3.771E+03	-2.656E+04	1.579E+00
284	4	9	-2.277E+00	2.926E-01	1.859E-01	-2.542E+04	-3.895E+03	3.971E+02	3.060E-01	-2.290E+00	1.499E+00	-3.888E+03	-2.543E+04	1.552E+00
284	4	10	-2.279E+00	2.929E-01	1.865E-01	-2.542E+04	-3.895E+03	3.962E+02	3.063E-01	-2.293E+00	1.499E+00	-3.888E+03	-2.543E+04	1.552E+00
284	4	11	-1.920E+00	2.614E-01	1.206E-01	-2.538E+04	-3.881E+03	3.122E+02	2.681E-01	-1.927E+00	1.516E+00	-3.876E+03	-2.539E+04	1.556E+00
284	4	12	-1.922E+00	2.617E-01	1.211E-01	-2.538E+04	-3.881E+03	3.114E+02	2.684E-01	-1.929E+00	1.516E+00	-3.877E+03	-2.539E+04	1.556E+00
284	4	13	-2.280E+00	2.931E-01	1.865E-01	-2.542E+04	-3.896E+03	3.946E+02	3.065E-01	-2.293E+00	1.499E+00	-3.889E+03	-2.543E+04	1.552E+00
284	4	14	-2.282E+00	2.934E-01	1.871E-01	-2.542E+04	-3.896E+03	3.938E+02	3.069E-01	-2.295E+00	1.499E+00	-3.889E+03	-2.543E+04	1.553E+00
284	4	15	-1.923E+00	2.619E-01	1.212E-01	-2.538E+04	-3.882E+03	3.098E+02	2.686E-01	-1.930E+00	1.516E+00	-3.877E+03	-2.539E+04	1.556E+00
284	4	16	-1.925E+00	2.622E-01	1.217E-01	-2.538E+04	-3.882E+03	3.089E+02	2.690E-01	-1.932E+00	1.515E+00	-3.877E+03	-2.539E+04	1.556E+00
285	1	1	-2.216E-01	-1.196E+00	7.546E-01	2.015E+03	-1.228E+04	1.330E+02	1.893E-01	-1.607E+00	4.987E-01	2.016E+03	-1.228E+04	9.299E-03
285	1	2	-2.212E-01	-1.189E+00	7.549E-01	2.015E+03	-1.229E+04	1.334E+02	1.915E-01	-1.602E+00	5.003E-01	2.016E+03	-1.229E+04	9.326E-03
285	1	3	-1.922E-01	-1.207E+00	5.960E-01	2.013E+03	-1.235E+04	1.480E+02	8.328E-02	-1.482E+00	4.329E-01	2.014E+03	-1.235E+04	1.030E-02
285	1	4	-1.917E-01	-1.199E+00	5.963E-01	2.012E+03	-1.235E+04	1.484E+02	8.510E-02	-1.476E+00	4.346E-01	2.014E+03	-1.235E+04	1.033E-02
285	1	5	-2.205E-01	-1.186E+00	7.518E-01	2.014E+03	-1.229E+04	1.343E+02	1.903E-01	-1.596E+00	5.001E-01	2.016E+03	-1.229E+04	9.391E-03
285	1	6	-2.201E-01	-1.179E+00	7.521E-01	2.014E+03	-1.229E+04	1.347E+02	1.925E-01	-1.591E+00	5.017E-01	2.015E+03	-1.229E+04	9.418E-03
285	1	7	-1.911E-01	-1.196E+00	5.933E-01	2.012E+03	-1.236E+04	1.494E+02	8.394E-02	-1.471E+00	4.341E-01	2.014E+03	-1.236E+04	1.040E-02
285	1	8	-1.907E-01	-1.189E+00	5.936E-01	2.012E+03	-1.236E+04	1.498E+02	8.577E-02	-1.465E+00	4.358E-01	2.013E+03	-1.236E+04	1.042E-02
285	1	9	-2.387E-02	-4.053E+00	-3.216E-01	2.168E+03	-1.151E+04	2.562E+02	1.632E-03	-4.079E+00	-7.914E-02	2.173E+03	-1.151E+04	1.872E-02
285	1	10	-2.345E-02	-4.046E+00	-3.213E-01	2.168E+03	-1.151E+04	2.566E+02	2.051E-03	-4.072E+00	-7.920E-02	2.172E+03	-1.152E+04	1.875E-02

285	1	11	5.571E-03	-4.063E+00	-4.801E-01	2.166E+03	-1.158E+04	2.712E+02	6.145E-02	-4.119E+00	-1.159E-01	2.171E+03	-1.158E+04	1.973E-02
285	1	12	5.996E-03	-4.056E+00	-4.798E-01	2.165E+03	-1.158E+04	2.716E+02	6.189E-02	-4.112E+00	-1.160E-01	2.170E+03	-1.158E+04	1.975E-02
285	1	13	-2.281E-02	-4.043E+00	-3.243E-01	2.167E+03	-1.151E+04	2.575E+02	3.191E-03	-4.069E+00	-7.999E-02	2.172E+03	-1.152E+04	1.882E-02
285	1	14	-2.238E-02	-4.036E+00	-3.240E-01	2.167E+03	-1.152E+04	2.580E+02	3.611E-03	-4.061E+00	-8.005E-02	2.172E+03	-1.152E+04	1.884E-02
285	1	15	6.633E-03	-4.053E+00	-4.829E-01	2.165E+03	-1.158E+04	2.726E+02	6.328E-02	-4.109E+00	-1.168E-01	2.170E+03	-1.159E+04	1.982E-02
285	1	16	7.059E-03	-4.046E+00	-4.826E-01	2.164E+03	-1.158E+04	2.730E+02	6.372E-02	-4.102E+00	-1.169E-01	2.170E+03	-1.159E+04	1.985E-02
285	2	1	5.842E-01	-1.688E+00	6.977E-01	3.837E+03	-5.126E+03	8.471E+02	7.813E-01	-1.885E+00	2.754E-01	3.917E+03	-5.205E+03	9.341E-02
285	2	2	5.836E-01	-1.679E+00	6.986E-01	3.837E+03	-5.128E+03	8.478E+02	7.819E-01	-1.877E+00	2.766E-01	3.916E+03	-5.208E+03	9.347E-02
285	2	3	5.212E-01	-1.627E+00	5.397E-01	3.863E+03	-5.163E+03	8.843E+02	6.492E-01	-1.755E+00	2.329E-01	3.949E+03	-5.249E+03	9.675E-02
285	2	4	5.206E-01	-1.618E+00	5.406E-01	3.862E+03	-5.165E+03	8.850E+02	6.495E-01	-1.746E+00	2.341E-01	3.948E+03	-5.251E+03	9.680E-02
285	2	5	5.817E-01	-1.673E+00	6.956E-01	3.838E+03	-5.130E+03	8.495E+02	7.790E-01	-1.870E+00	2.764E-01	3.918E+03	-5.210E+03	9.362E-02
285	2	6	5.811E-01	-1.664E+00	6.965E-01	3.838E+03	-5.133E+03	8.502E+02	7.796E-01	-1.863E+00	2.776E-01	3.918E+03	-5.213E+03	9.367E-02
285	2	7	5.187E-01	-1.612E+00	5.376E-01	3.863E+03	-5.167E+03	8.866E+02	6.467E-01	-1.740E+00	2.337E-01	3.950E+03	-5.253E+03	9.695E-02
285	2	8	5.181E-01	-1.603E+00	5.385E-01	3.863E+03	-5.170E+03	8.873E+02	6.470E-01	-1.732E+00	2.349E-01	3.950E+03	-5.256E+03	9.700E-02
285	2	9	2.927E-01	-5.792E+00	-8.445E-01	4.417E+03	-3.679E+03	1.154E+03	4.077E-01	-5.907E+00	-1.354E-01	4.578E+03	-3.840E+03	1.388E-01
285	2	10	2.921E-01	-5.783E+00	-8.437E-01	4.416E+03	-3.682E+03	1.155E+03	4.071E-01	-5.898E+00	-1.355E-01	4.578E+03	-3.843E+03	1.389E-01
285	2	11	2.297E-01	-5.731E+00	-1.002E+00	4.442E+03	-3.716E+03	1.191E+03	3.938E-01	-5.895E+00	-1.622E-01	4.613E+03	-3.887E+03	1.420E-01
285	2	12	2.291E-01	-5.722E+00	-1.002E+00	4.442E+03	-3.719E+03	1.192E+03	3.932E-01	-5.886E+00	-1.624E-01	4.612E+03	-3.889E+03	1.421E-01
285	2	13	2.902E-01	-5.777E+00	-8.466E-01	4.417E+03	-3.684E+03	1.156E+03	4.061E-01	-5.893E+00	-1.361E-01	4.579E+03	-3.845E+03	1.390E-01
285	2	14	2.896E-01	-5.768E+00	-8.458E-01	4.417E+03	-3.686E+03	1.157E+03	4.055E-01	-5.884E+00	-1.361E-01	4.579E+03	-3.848E+03	1.391E-01
285	2	15	2.272E-01	-5.716E+00	-1.005E+00	4.443E+03	-3.721E+03	1.193E+03	3.924E-01	-5.881E+00	-1.630E-01	4.614E+03	-3.892E+03	1.422E-01
285	2	16	2.266E-01	-5.707E+00	-1.004E+00	4.443E+03	-3.723E+03	1.194E+03	3.918E-01	-5.872E+00	-1.631E-01	4.614E+03	-3.894E+03	1.423E-01
285	3	1	8.899E-01	-1.425E+00	4.257E-01	2.040E+03	8.175E+02	8.359E+02	9.657E-01	-1.501E+00	1.762E-01	2.464E+03	3.932E+02	4.697E-01
285	3	2	8.894E-01	-1.418E+00	4.272E-01	2.040E+03	8.155E+02	8.359E+02	9.659E-01	-1.495E+00	1.773E-01	2.464E+03	3.916E+02	4.693E-01
285	3	3	7.659E-01	-1.398E+00	3.019E-01	2.065E+03	8.109E+02	8.506E+02	8.072E-01	-1.440E+00	1.360E-01	2.495E+03	3.813E+02	4.677E-01
285	3	4	7.654E-01	-1.391E+00	3.034E-01	2.066E+03	8.088E+02	8.506E+02	8.072E-01	-1.433E+00	1.371E-01	2.495E+03	3.797E+02	4.673E-01
285	3	5	8.860E-01	-1.413E+00	4.253E-01	2.041E+03	8.154E+02	8.366E+02	9.621E-01	-1.490E+00	1.772E-01	2.465E+03	3.912E+02	4.693E-01
285	3	6	8.855E-01	-1.406E+00	4.269E-01	2.041E+03	8.134E+02	8.366E+02	9.624E-01	-1.483E+00	1.783E-01	2.465E+03	3.896E+02	4.689E-01
285	3	7	7.620E-01	-1.387E+00	3.015E-01	2.067E+03	8.088E+02	8.513E+02	8.035E-01	-1.428E+00	1.368E-01	2.496E+03	3.793E+02	4.673E-01
285	3	8	7.615E-01	-1.379E+00	3.030E-01	2.067E+03	8.068E+02	8.513E+02	8.036E-01	-1.421E+00	1.379E-01	2.496E+03	3.777E+02	4.669E-01
285	3	9	-1.375E-01	-4.066E+00	-1.371E+00	2.479E+03	2.358E+03	1.216E+03	2.935E-01	-4.497E+00	-3.047E-01	3.637E+03	1.201E+03	7.605E-01
285	3	10	-1.380E-01	-4.059E+00	-1.369E+00	2.479E+03	2.356E+03	1.216E+03	2.929E-01	-4.490E+00	-3.049E-01	3.636E+03	1.200E+03	7.600E-01
285	3	11	-2.615E-01	-4.039E+00	-1.495E+00	2.505E+03	2.351E+03	1.231E+03	2.583E-01	-4.559E+00	-3.347E-01	3.662E+03	1.195E+03	7.542E-01
285	3	12	-2.620E-01	-4.032E+00	-1.493E+00	2.505E+03	2.349E+03	1.231E+03	2.577E-01	-4.552E+00	-3.350E-01	3.661E+03	1.194E+03	7.538E-01
285	3	13	-1.414E-01	-4.054E+00	-1.371E+00	2.481E+03	2.356E+03	1.217E+03	2.913E-01	-4.487E+00	-3.057E-01	3.637E+03	1.200E+03	7.598E-01
285	3	14	-1.419E-01	-4.047E+00	-1.370E+00	2.481E+03	2.354E+03	1.217E+03	2.906E-01	-4.479E+00	-3.059E-01	3.636E+03	1.199E+03	7.594E-01
285	3	15	-2.654E-01	-4.027E+00	-1.495E+00	2.506E+03	2.349E+03	1.232E+03	2.564E-01	-4.549E+00	-3.358E-01	3.662E+03	1.193E+03	7.536E-01
285	3	16	-2.659E-01	-4.020E+00	-1.494E+00	2.506E+03	2.347E+03	1.232E+03	2.558E-01	-4.542E+00	-3.361E-01	3.661E+03	1.192E+03	7.532E-01
285	4	1	2.000E-01	-9.269E-01	4.586E-01	6.483E+02	-6.627E+03	1.546E+03	3.630E-01	-1.090E+00	3.416E-01	9.633E+02	-6.942E+03	2.010E-01
285	4	2	2.005E-01	-9.217E-01	4.596E-01	6.486E+02	-6.629E+03	1.547E+03	3.647E-01	-1.086E+00	3.431E-01	9.636E+02	-6.944E+03	2.010E-01
285	4	3	1.684E-01	-9.717E-01	3.342E-01	6.491E+02	-6.667E+03	1.572E+03	2.592E-01	-1.062E+00	2.651E-01	9.726E+02	-6.990E+03	2.029E-01
285	4	4	1.689E-01	-9.665E-01	3.352E-01	6.493E+02	-6.669E+03	1.572E+03	2.605E-01	-1.058E+00	2.667E-01	9.729E+02	-6.992E+03	2.029E-01
285	4	5	1.997E-01	-9.193E-01	4.576E-01	6.485E+02	-6.630E+03	1.548E+03	3.630E-01	-1.083E+00	3.427E-01	9.639E+02	-6.946E+03	2.010E-01

285	4	6	2.002E-01	-9.141E-01	4.586E-01	6.487E+02	-6.632E+03	1.548E+03	3.647E-01	-1.079E+00	3.443E-01	9.642E+02	-6.948E+03	2.010E-01
285	4	7	1.681E-01	-9.641E-01	3.332E-01	6.493E+02	-6.670E+03	1.574E+03	2.589E-01	-1.055E+00	2.660E-01	9.732E+02	-6.994E+03	2.030E-01
285	4	8	1.686E-01	-9.589E-01	3.342E-01	6.495E+02	-6.672E+03	1.574E+03	2.602E-01	-1.050E+00	2.676E-01	9.735E+02	-6.996E+03	2.030E-01
285	4	9	-5.700E-01	-2.334E+00	-8.240E-01	4.548E+02	-5.683E+03	1.736E+03	-2.449E-01	-2.659E+00	-3.758E-01	9.117E+02	-6.140E+03	2.574E-01
285	4	10	-5.695E-01	-2.328E+00	-8.230E-01	4.551E+02	-5.685E+03	1.736E+03	-2.445E-01	-2.653E+00	-3.761E-01	9.121E+02	-6.142E+03	2.574E-01
285	4	11	-6.016E-01	-2.378E+00	-9.484E-01	4.556E+02	-5.723E+03	1.762E+03	-1.905E-01	-2.789E+00	-4.090E-01	9.226E+02	-6.190E+03	2.591E-01
285	4	12	-6.011E-01	-2.373E+00	-9.474E-01	4.558E+02	-5.725E+03	1.762E+03	-1.900E-01	-2.784E+00	-4.094E-01	9.229E+02	-6.192E+03	2.591E-01
285	4	13	-5.703E-01	-2.326E+00	-8.250E-01	4.550E+02	-5.687E+03	1.737E+03	-2.435E-01	-2.653E+00	-3.772E-01	9.125E+02	-6.144E+03	2.574E-01
285	4	14	-5.698E-01	-2.321E+00	-8.240E-01	4.552E+02	-5.689E+03	1.738E+03	-2.430E-01	-2.648E+00	-3.776E-01	9.128E+02	-6.146E+03	2.574E-01
285	4	15	-6.019E-01	-2.371E+00	-9.494E-01	4.557E+02	-5.726E+03	1.763E+03	-1.888E-01	-2.784E+00	-4.104E-01	9.233E+02	-6.194E+03	2.592E-01
285	4	16	-6.014E-01	-2.366E+00	-9.484E-01	4.560E+02	-5.728E+03	1.764E+03	-1.883E-01	-2.779E+00	-4.108E-01	9.236E+02	-6.196E+03	2.592E-01
286	1	1	-1.026E+00	-1.094E+00	1.329E+00	-4.357E+03	-9.779E+03	1.993E+03	2.698E-01	-2.390E+00	7.727E-01	-3.703E+03	-1.043E+04	3.170E-01
286	1	2	-1.026E+00	-1.089E+00	1.327E+00	-4.357E+03	-9.780E+03	1.993E+03	2.697E-01	-2.384E+00	7.735E-01	-3.703E+03	-1.043E+04	3.170E-01
286	1	3	-1.138E+00	-1.020E+00	1.073E+00	-4.353E+03	-9.784E+03	2.007E+03	-3.909E-03	-2.154E+00	8.129E-01	-3.692E+03	-1.044E+04	3.182E-01
286	1	4	-1.138E+00	-1.015E+00	1.071E+00	-4.354E+03	-9.785E+03	2.007E+03	-3.794E-03	-2.149E+00	8.140E-01	-3.692E+03	-1.045E+04	3.182E-01
286	1	5	-1.024E+00	-1.085E+00	1.323E+00	-4.358E+03	-9.780E+03	1.994E+03	2.686E-01	-2.378E+00	7.740E-01	-3.703E+03	-1.043E+04	3.171E-01
286	1	6	-1.024E+00	-1.080E+00	1.320E+00	-4.358E+03	-9.781E+03	1.995E+03	2.685E-01	-2.372E+00	7.749E-01	-3.703E+03	-1.044E+04	3.171E-01
286	1	7	-1.136E+00	-1.011E+00	1.067E+00	-4.354E+03	-9.785E+03	2.008E+03	-4.797E-03	-2.142E+00	8.148E-01	-3.692E+03	-1.045E+04	3.183E-01
286	1	8	-1.136E+00	-1.006E+00	1.064E+00	-4.354E+03	-9.786E+03	2.008E+03	-4.673E-03	-2.137E+00	8.160E-01	-3.692E+03	-1.045E+04	3.183E-01
286	1	9	5.038E-01	-2.847E+00	7.747E-01	-4.470E+03	-8.691E+03	2.038E+03	6.742E-01	-3.017E+00	2.166E-01	-3.647E+03	-9.514E+03	3.839E-01
286	1	10	5.042E-01	-2.842E+00	7.719E-01	-4.470E+03	-8.692E+03	2.038E+03	6.737E-01	-3.011E+00	2.161E-01	-3.647E+03	-9.516E+03	3.839E-01
286	1	11	3.919E-01	-2.773E+00	5.187E-01	-4.466E+03	-8.696E+03	2.051E+03	4.748E-01	-2.856E+00	1.584E-01	-3.635E+03	-9.528E+03	3.850E-01
286	1	12	3.924E-01	-2.768E+00	5.160E-01	-4.467E+03	-8.697E+03	2.051E+03	4.745E-01	-2.850E+00	1.578E-01	-3.635E+03	-9.529E+03	3.850E-01
286	1	13	5.056E-01	-2.837E+00	7.680E-01	-4.471E+03	-8.693E+03	2.039E+03	6.735E-01	-3.005E+00	2.153E-01	-3.647E+03	-9.517E+03	3.840E-01
286	1	14	5.060E-01	-2.832E+00	7.652E-01	-4.471E+03	-8.694E+03	2.039E+03	6.731E-01	-2.999E+00	2.149E-01	-3.647E+03	-9.518E+03	3.840E-01
286	1	15	3.937E-01	-2.763E+00	5.120E-01	-4.467E+03	-8.698E+03	2.052E+03	4.747E-01	-2.844E+00	1.568E-01	-3.635E+03	-9.530E+03	3.851E-01
286	1	16	3.942E-01	-2.758E+00	5.092E-01	-4.467E+03	-8.699E+03	2.053E+03	4.744E-01	-2.839E+00	1.562E-01	-3.635E+03	-9.531E+03	3.851E-01
286	2	1	-1.661E+00	2.441E-01	3.025E-01	-7.920E+03	-7.511E+03	7.183E+02	2.910E-01	-1.708E+00	1.417E+00	-6.968E+03	-8.462E+03	9.242E-01
286	2	2	-1.660E+00	2.443E-01	3.005E-01	-7.920E+03	-7.511E+03	7.191E+02	2.906E-01	-1.706E+00	1.418E+00	-6.968E+03	-8.463E+03	9.239E-01
286	2	3	-1.706E+00	2.707E-01	1.207E-01	-7.889E+03	-7.519E+03	7.504E+02	2.781E-01	-1.713E+00	1.510E+00	-6.931E+03	-8.477E+03	9.063E-01
286	2	4	-1.704E+00	2.709E-01	1.187E-01	-7.889E+03	-7.519E+03	7.512E+02	2.780E-01	-1.712E+00	1.511E+00	-6.930E+03	-8.477E+03	9.061E-01
286	2	5	-1.656E+00	2.445E-01	2.990E-01	-7.920E+03	-7.511E+03	7.201E+02	2.904E-01	-1.702E+00	1.418E+00	-6.967E+03	-8.464E+03	9.237E-01
286	2	6	-1.655E+00	2.447E-01	2.970E-01	-7.920E+03	-7.511E+03	7.209E+02	2.900E-01	-1.701E+00	1.419E+00	-6.966E+03	-8.465E+03	9.235E-01
286	2	7	-1.701E+00	2.711E-01	1.171E-01	-7.889E+03	-7.519E+03	7.522E+02	2.780E-01	-1.708E+00	1.512E+00	-6.930E+03	-8.479E+03	9.059E-01
286	2	8	-1.700E+00	2.713E-01	1.151E-01	-7.889E+03	-7.519E+03	7.530E+02	2.780E-01	-1.706E+00	1.513E+00	-6.929E+03	-8.479E+03	9.057E-01
286	2	9	6.865E-01	1.853E-02	1.302E+00	-8.062E+03	-6.983E+03	5.901E+02	1.696E+00	-9.912E-01	6.598E-01	-6.723E+03	-8.322E+03	1.156E+00
286	2	10	6.876E-01	1.870E-02	1.300E+00	-8.062E+03	-6.983E+03	5.909E+02	1.695E+00	-9.887E-01	6.594E-01	-6.723E+03	-8.323E+03	1.155E+00
286	2	11	6.420E-01	4.514E-02	1.120E+00	-8.031E+03	-6.991E+03	6.222E+02	1.502E+00	-8.152E-01	6.552E-01	-6.700E+03	-8.322E+03	1.133E+00
286	2	12	6.431E-01	4.531E-02	1.118E+00	-8.031E+03	-6.991E+03	6.231E+02	1.501E+00	-8.127E-01	6.547E-01	-6.700E+03	-8.322E+03	1.133E+00
286	2	13	6.912E-01	1.890E-02	1.298E+00	-8.062E+03	-6.984E+03	5.919E+02	1.696E+00	-9.858E-01	6.587E-01	-6.722E+03	-8.323E+03	1.155E+00
286	2	14	6.923E-01	1.907E-02	1.296E+00	-8.062E+03	-6.984E+03	5.927E+02	1.695E+00	-9.833E-01	6.583E-01	-6.722E+03	-8.324E+03	1.154E+00
286	2	15	6.467E-01	4.551E-02	1.116E+00	-8.031E+03	-6.992E+03	6.240E+02	1.502E+00	-8.098E-01	6.539E-01	-6.699E+03	-8.323E+03	1.133E+00
286	2	16	6.478E-01	4.568E-02	1.114E+00	-8.031E+03	-6.992E+03	6.248E+02	1.501E+00	-8.073E-01	6.534E-01	-6.699E+03	-8.324E+03	1.132E+00

286	3	1	-2.301E+00	-6.300E-01	1.329E+00	-3.935E+03	-2.509E+03	1.376E+03	1.039E-01	-3.035E+00	1.066E+00	-1.672E+03	-4.772E+03	1.024E+00
286	3	2	-2.299E+00	-6.255E-01	1.326E+00	-3.936E+03	-2.510E+03	1.377E+03	1.054E-01	-3.030E+00	1.067E+00	-1.672E+03	-4.774E+03	1.024E+00
286	3	3	-2.278E+00	-6.132E-01	1.073E+00	-3.936E+03	-2.542E+03	1.401E+03	-8.795E-02	-2.803E+00	1.115E+00	-1.674E+03	-4.804E+03	1.016E+00
286	3	4	-2.276E+00	-6.087E-01	1.070E+00	-3.936E+03	-2.543E+03	1.402E+03	-8.619E-02	-2.799E+00	1.116E+00	-1.674E+03	-4.805E+03	1.016E+00
286	3	5	-2.294E+00	-6.230E-01	1.322E+00	-3.936E+03	-2.512E+03	1.379E+03	1.053E-01	-3.022E+00	1.067E+00	-1.672E+03	-4.776E+03	1.024E+00
286	3	6	-2.292E+00	-6.185E-01	1.319E+00	-3.937E+03	-2.513E+03	1.380E+03	1.069E-01	-3.017E+00	1.068E+00	-1.672E+03	-4.777E+03	1.024E+00
286	3	7	-2.271E+00	-6.062E-01	1.066E+00	-3.937E+03	-2.545E+03	1.403E+03	-8.618E-02	-2.791E+00	1.117E+00	-1.675E+03	-4.807E+03	1.016E+00
286	3	8	-2.269E+00	-6.018E-01	1.063E+00	-3.937E+03	-2.546E+03	1.404E+03	-8.441E-02	-2.786E+00	1.118E+00	-1.675E+03	-4.809E+03	1.015E+00
286	3	9	8.707E-01	-2.925E+00	7.741E-01	-4.269E+03	-1.890E+03	1.159E+03	1.023E+00	-3.077E+00	1.937E-01	-1.419E+03	-4.740E+03	1.185E+00
286	3	10	8.725E-01	-2.920E+00	7.714E-01	-4.270E+03	-1.891E+03	1.160E+03	1.023E+00	-3.071E+00	1.932E-01	-1.420E+03	-4.741E+03	1.184E+00
286	3	11	8.936E-01	-2.908E+00	5.182E-01	-4.270E+03	-1.923E+03	1.183E+03	9.630E-01	-2.978E+00	1.331E-01	-1.431E+03	-4.763E+03	1.176E+00
286	3	12	8.954E-01	-2.904E+00	5.154E-01	-4.270E+03	-1.925E+03	1.184E+03	9.641E-01	-2.972E+00	1.325E-01	-1.431E+03	-4.764E+03	1.176E+00
286	3	13	8.783E-01	-2.918E+00	7.674E-01	-4.270E+03	-1.893E+03	1.161E+03	1.028E+00	-3.067E+00	1.921E-01	-1.420E+03	-4.743E+03	1.184E+00
286	3	14	8.801E-01	-2.913E+00	7.647E-01	-4.271E+03	-1.894E+03	1.162E+03	1.028E+00	-3.062E+00	1.916E-01	-1.421E+03	-4.744E+03	1.184E+00
286	3	15	9.012E-01	-2.901E+00	5.115E-01	-4.271E+03	-1.926E+03	1.185E+03	9.688E-01	-2.969E+00	1.314E-01	-1.432E+03	-4.766E+03	1.175E+00
286	3	16	9.030E-01	-2.897E+00	5.087E-01	-4.271E+03	-1.928E+03	1.186E+03	9.699E-01	-2.964E+00	1.308E-01	-1.432E+03	-4.767E+03	1.175E+00
286	4	1	-1.662E+00	-1.973E+00	1.870E+00	-3.920E+02	-7.004E+03	1.878E+03	5.899E-02	-3.694E+00	7.439E-01	1.041E+02	-7.500E+03	2.583E-01
286	4	2	-1.661E+00	-1.964E+00	1.867E+00	-3.925E+02	-7.007E+03	1.878E+03	6.039E-02	-3.685E+00	7.449E-01	1.037E+02	-7.503E+03	2.583E-01
286	4	3	-1.707E+00	-1.909E+00	1.540E+00	-4.198E+02	-7.041E+03	1.910E+03	-2.644E-01	-3.351E+00	7.526E-01	9.147E+01	-7.552E+03	2.616E-01
286	4	4	-1.706E+00	-1.900E+00	1.537E+00	-4.203E+02	-7.044E+03	1.910E+03	-2.629E-01	-3.342E+00	7.538E-01	9.116E+01	-7.555E+03	2.616E-01
286	4	5	-1.658E+00	-1.957E+00	1.860E+00	-3.935E+02	-7.009E+03	1.880E+03	5.902E-02	-3.674E+00	7.452E-01	1.034E+02	-7.506E+03	2.584E-01
286	4	6	-1.656E+00	-1.948E+00	1.857E+00	-3.940E+02	-7.012E+03	1.881E+03	6.043E-02	-3.665E+00	7.462E-01	1.031E+02	-7.509E+03	2.584E-01
286	4	7	-1.702E+00	-1.893E+00	1.530E+00	-4.213E+02	-7.046E+03	1.912E+03	-2.642E-01	-3.331E+00	7.542E-01	9.086E+01	-7.558E+03	2.617E-01
286	4	8	-1.701E+00	-1.884E+00	1.527E+00	-4.218E+02	-7.048E+03	1.912E+03	-2.628E-01	-3.322E+00	7.555E-01	9.054E+01	-7.561E+03	2.617E-01
286	4	9	6.839E-01	-5.785E+00	7.325E-01	-6.607E+02	-5.600E+03	2.140E+03	7.658E-01	-5.867E+00	1.114E-01	1.375E+02	-6.398E+03	3.570E-01
286	4	10	6.850E-01	-5.776E+00	7.290E-01	-6.611E+02	-5.603E+03	2.141E+03	7.663E-01	-5.857E+00	1.110E-01	1.372E+02	-6.401E+03	3.570E-01
286	4	11	6.395E-01	-5.721E+00	4.024E-01	-6.884E+02	-5.637E+03	2.172E+03	6.648E-01	-5.746E+00	6.294E-02	1.295E+02	-6.455E+03	3.602E-01
286	4	12	6.406E-01	-5.712E+00	3.989E-01	-6.889E+02	-5.639E+03	2.172E+03	6.655E-01	-5.737E+00	6.247E-02	1.292E+02	-6.457E+03	3.602E-01
286	4	13	6.886E-01	-5.769E+00	7.226E-01	-6.622E+02	-5.605E+03	2.142E+03	7.685E-01	-5.849E+00	1.101E-01	1.371E+02	-6.404E+03	3.571E-01
286	4	14	6.897E-01	-5.760E+00	7.191E-01	-6.627E+02	-5.607E+03	2.143E+03	7.689E-01	-5.839E+00	1.097E-01	1.367E+02	-6.407E+03	3.571E-01
286	4	15	6.441E-01	-5.705E+00	3.925E-01	-6.899E+02	-5.641E+03	2.174E+03	6.683E-01	-5.729E+00	6.151E-02	1.291E+02	-6.460E+03	3.603E-01
286	4	16	6.453E-01	-5.696E+00	3.891E-01	-6.904E+02	-5.644E+03	2.175E+03	6.690E-01	-5.719E+00	6.105E-02	1.287E+02	-6.463E+03	3.603E-01
287	1	1	-1.050E+00	-7.437E-01	-1.260E+00	-4.350E+03	-9.773E+03	-2.073E+03	3.721E-01	-2.166E+00	2.296E+00	-3.648E+03	-1.047E+04	-3.264E-01
287	1	2	-1.051E+00	-7.488E-01	-1.263E+00	-4.349E+03	-9.772E+03	-2.073E+03	3.718E-01	-2.171E+00	2.297E+00	-3.648E+03	-1.047E+04	-3.263E-01
287	1	3	-1.114E+00	-8.983E-01	-1.664E+00	-4.318E+03	-9.819E+03	-2.058E+03	6.616E-01	-2.674E+00	2.324E+00	-3.634E+03	-1.050E+04	-3.211E-01
287	1	4	-1.114E+00	-9.033E-01	-1.667E+00	-4.318E+03	-9.818E+03	-2.057E+03	6.615E-01	-2.679E+00	2.325E+00	-3.634E+03	-1.050E+04	-3.211E-01
287	1	5	-1.050E+00	-7.496E-01	-1.264E+00	-4.350E+03	-9.772E+03	-2.072E+03	3.725E-01	-2.172E+00	2.297E+00	-3.649E+03	-1.047E+04	-3.263E-01
287	1	6	-1.051E+00	-7.547E-01	-1.266E+00	-4.349E+03	-9.770E+03	-2.071E+03	3.722E-01	-2.178E+00	2.298E+00	-3.648E+03	-1.047E+04	-3.263E-01
287	1	7	-1.114E+00	-9.042E-01	-1.668E+00	-4.318E+03	-9.818E+03	-2.057E+03	6.622E-01	-2.680E+00	2.325E+00	-3.634E+03	-1.050E+04	-3.211E-01
287	1	8	-1.114E+00	-9.092E-01	-1.671E+00	-4.318E+03	-9.817E+03	-2.056E+03	6.621E-01	-2.686E+00	2.326E+00	-3.634E+03	-1.050E+04	-3.210E-01
287	1	9	4.797E-01	-3.030E+00	-1.808E-01	-4.499E+03	-8.620E+03	-1.978E+03	4.890E-01	-3.039E+00	-5.135E-02	-3.704E+03	-9.416E+03	-3.824E-01
287	1	10	4.792E-01	-3.035E+00	-1.836E-01	-4.499E+03	-8.619E+03	-1.977E+03	4.888E-01	-3.045E+00	-5.205E-02	-3.704E+03	-9.415E+03	-3.824E-01
287	1	11	4.159E-01	-3.185E+00	-5.853E-01	-4.468E+03	-8.667E+03	-1.962E+03	5.087E-01	-3.277E+00	-1.572E-01	-3.693E+03	-9.441E+03	-3.758E-01

287	1	12	4.155E-01	-3.190E+00	-5.881E-01	-4.467E+03	-8.666E+03	-1.962E+03	5.090E-01	-3.283E+00	-1.577E-01	-3.693E+03	-9.440E+03	-3.758E-01
287	1	13	4.797E-01	-3.036E+00	-1.846E-01	-4.499E+03	-8.619E+03	-1.977E+03	4.893E-01	-3.046E+00	-5.231E-02	-3.704E+03	-9.414E+03	-3.823E-01
287	1	14	4.792E-01	-3.041E+00	-1.874E-01	-4.499E+03	-8.618E+03	-1.976E+03	4.892E-01	-3.051E+00	-5.302E-02	-3.704E+03	-9.413E+03	-3.823E-01
287	1	15	4.159E-01	-3.191E+00	-5.891E-01	-4.468E+03	-8.666E+03	-1.961E+03	5.097E-01	-3.284E+00	-1.579E-01	-3.694E+03	-9.439E+03	-3.757E-01
287	1	16	4.155E-01	-3.196E+00	-5.918E-01	-4.467E+03	-8.665E+03	-1.961E+03	5.100E-01	-3.290E+00	-1.584E-01	-3.694E+03	-9.438E+03	-3.757E-01
287	2	1	-1.557E+00	-1.549E+00	-1.667E+00	-3.994E+02	-7.125E+03	-1.898E+03	1.137E-01	-3.220E+00	2.355E+00	9.920E+01	-7.624E+03	-2.569E-01
287	2	2	-1.559E+00	-1.558E+00	-1.670E+00	-3.989E+02	-7.122E+03	-1.897E+03	1.120E-01	-3.228E+00	2.356E+00	9.956E+01	-7.621E+03	-2.569E-01
287	2	3	-1.844E+00	-1.659E+00	-2.316E+00	-2.949E+02	-7.082E+03	-1.814E+03	5.666E-01	-4.069E+00	2.336E+00	1.594E+02	-7.536E+03	-2.454E-01
287	2	4	-1.845E+00	-1.668E+00	-2.320E+00	-2.944E+02	-7.079E+03	-1.813E+03	5.647E-01	-4.078E+00	2.337E+00	1.597E+02	-7.533E+03	-2.454E-01
287	2	5	-1.558E+00	-1.559E+00	-1.671E+00	-3.991E+02	-7.122E+03	-1.896E+03	1.127E-01	-3.230E+00	-7.853E-01	9.900E+01	-7.620E+03	-2.568E-01
287	2	6	-1.560E+00	-1.568E+00	-1.675E+00	-3.985E+02	-7.119E+03	-1.896E+03	1.110E-01	-3.239E+00	-7.841E-01	9.936E+01	-7.617E+03	-2.568E-01
287	2	7	-1.845E+00	-1.669E+00	-2.321E+00	-2.945E+02	-7.079E+03	-1.812E+03	5.654E-01	-4.079E+00	2.337E+00	1.592E+02	-7.533E+03	-2.453E-01
287	2	8	-1.846E+00	-1.679E+00	-2.324E+00	-2.940E+02	-7.076E+03	-1.812E+03	5.635E-01	-4.088E+00	2.338E+00	1.595E+02	-7.530E+03	-2.453E-01
287	2	9	8.218E-01	-6.159E+00	4.717E-02	-7.721E+02	-5.471E+03	-2.222E+03	8.221E-01	-6.160E+00	6.757E-03	1.125E+02	-6.356E+03	-3.788E-01
287	2	10	8.206E-01	-6.169E+00	4.368E-02	-7.716E+02	-5.468E+03	-2.222E+03	8.209E-01	-6.169E+00	6.249E-03	1.129E+02	-6.353E+03	-3.789E-01
287	2	11	5.354E-01	-6.270E+00	-6.021E-01	-6.676E+02	-5.428E+03	-2.138E+03	5.883E-01	-6.322E+00	-8.758E-02	1.518E+02	-6.247E+03	-3.660E-01
287	2	12	5.343E-01	-6.279E+00	-6.056E-01	-6.671E+02	-5.425E+03	-2.138E+03	5.877E-01	-6.332E+00	-8.797E-02	1.521E+02	-6.244E+03	-3.660E-01
287	2	13	8.208E-01	-6.170E+00	4.244E-02	-7.718E+02	-5.468E+03	-2.221E+03	8.211E-01	-6.170E+00	6.071E-03	1.122E+02	-6.352E+03	-3.788E-01
287	2	14	8.197E-01	-6.179E+00	3.895E-02	-7.713E+02	-5.465E+03	-2.220E+03	8.199E-01	-6.179E+00	5.565E-03	1.126E+02	-6.349E+03	-3.788E-01
287	2	15	5.345E-01	-6.280E+00	-6.069E-01	-6.673E+02	-5.425E+03	-2.137E+03	5.881E-01	-6.334E+00	-8.813E-02	1.515E+02	-6.243E+03	-3.659E-01
287	2	16	5.333E-01	-6.289E+00	-6.104E-01	-6.667E+02	-5.422E+03	-2.136E+03	5.875E-01	-6.344E+00	-8.852E-02	1.519E+02	-6.241E+03	-3.660E-01
287	3	1	-2.075E+00	-5.248E-01	-1.259E+00	-3.956E+03	-2.649E+03	-1.457E+03	1.783E-01	-2.778E+00	2.080E+00	-1.705E+03	-4.900E+03	2.145E+00
287	3	2	-2.077E+00	-5.293E-01	-1.262E+00	-3.956E+03	-2.647E+03	-1.456E+03	1.769E-01	-2.783E+00	2.081E+00	-1.705E+03	-4.898E+03	2.145E+00
287	3	3	-2.584E+00	-4.901E-01	-1.663E+00	-3.869E+03	-2.557E+03	-1.429E+03	4.282E-01	-3.502E+00	2.075E+00	-1.641E+03	-4.785E+03	2.141E+00
287	3	4	-2.586E+00	-4.946E-01	-1.666E+00	-3.869E+03	-2.555E+03	-1.428E+03	4.267E-01	-3.507E+00	2.076E+00	-1.641E+03	-4.783E+03	2.141E+00
287	3	5	-2.077E+00	-5.300E-01	-1.263E+00	-3.956E+03	-2.647E+03	-1.456E+03	1.772E-01	-2.784E+00	2.081E+00	-1.706E+03	-4.898E+03	2.145E+00
287	3	6	-2.079E+00	-5.344E-01	-1.265E+00	-3.956E+03	-2.646E+03	-1.454E+03	1.757E-01	-2.789E+00	2.082E+00	-1.706E+03	-4.896E+03	2.145E+00
287	3	7	-2.586E+00	-4.952E-01	-1.667E+00	-3.869E+03	-2.555E+03	-1.427E+03	4.270E-01	-3.508E+00	2.076E+00	-1.642E+03	-4.783E+03	2.140E+00
287	3	8	-2.588E+00	-4.997E-01	-1.670E+00	-3.869E+03	-2.554E+03	-1.426E+03	4.255E-01	-3.513E+00	2.077E+00	-1.642E+03	-4.781E+03	2.140E+00
287	3	9	1.178E+00	-3.110E+00	-1.804E-01	-4.334E+03	-1.833E+03	-1.101E+03	1.186E+00	-3.118E+00	-4.197E-02	-1.418E+03	-4.749E+03	1.932E+00
287	3	10	1.176E+00	-3.115E+00	-1.832E-01	-4.333E+03	-1.832E+03	-1.100E+03	1.184E+00	-3.122E+00	-4.258E-02	-1.417E+03	-4.748E+03	1.931E+00
287	3	11	6.691E-01	-3.075E+00	-5.849E-01	-4.247E+03	-1.741E+03	-1.072E+03	7.583E-01	-3.165E+00	-1.514E-01	-1.345E+03	-4.642E+03	1.925E+00
287	3	12	6.673E-01	-3.080E+00	-5.876E-01	-4.246E+03	-1.739E+03	-1.071E+03	7.572E-01	-3.170E+00	-1.520E-01	-1.344E+03	-4.641E+03	1.924E+00
287	3	13	1.176E+00	-3.115E+00	-1.842E-01	-4.334E+03	-1.832E+03	-1.099E+03	1.184E+00	-3.123E+00	-4.281E-02	-1.418E+03	-4.748E+03	1.931E+00
287	3	14	1.174E+00	-3.120E+00	-1.869E-01	-4.334E+03	-1.830E+03	-1.098E+03	1.182E+00	-3.128E+00	-4.342E-02	-1.417E+03	-4.747E+03	1.931E+00
287	3	15	6.672E-01	-3.081E+00	-5.886E-01	-4.247E+03	-1.740E+03	-1.070E+03	7.575E-01	-3.171E+00	-1.522E-01	-1.345E+03	-4.641E+03	1.924E+00
287	3	16	6.654E-01	-3.085E+00	-5.914E-01	-4.247E+03	-1.738E+03	-1.069E+03	7.565E-01	-3.176E+00	-1.527E-01	-1.344E+03	-4.640E+03	1.924E+00
287	4	1	-1.556E+00	2.666E-01	-5.544E-02	-7.924E+03	-7.525E+03	5.718E+02	2.683E-01	-1.558E+00	1.601E+00	-7.119E+03	-8.330E+03	9.532E-01
287	4	2	-1.557E+00	2.664E-01	-5.746E-02	-7.924E+03	-7.525E+03	5.727E+02	2.682E-01	-1.559E+00	1.602E+00	-7.118E+03	-8.331E+03	9.530E-01
287	4	3	-1.843E+00	2.569E-01	-2.151E-01	-7.910E+03	-7.512E+03	5.956E+02	2.787E-01	-1.864E+00	1.672E+00	-7.083E+03	-8.339E+03	9.465E-01
287	4	4	-1.844E+00	2.567E-01	-2.171E-01	-7.910E+03	-7.512E+03	5.965E+02	2.789E-01	-1.866E+00	1.673E+00	-7.083E+03	-8.340E+03	9.464E-01
287	4	5	-1.557E+00	2.661E-01	-5.821E-02	-7.925E+03	-7.526E+03	5.737E+02	2.680E-01	-1.559E+00	1.603E+00	-7.118E+03	-8.333E+03	9.528E-01
287	4	6	-1.558E+00	2.659E-01	-6.022E-02	-7.925E+03	-7.525E+03	5.745E+02	2.679E-01	-1.560E+00	1.604E+00	-7.117E+03	-8.333E+03	9.527E-01

287	4	7	-1.843E+00	2.564E-01	-2.178E-01	-7.911E+03	-7.513E+03	5.975E+02	2.788E-01	-1.866E+00	1.673E+00	-7.082E+03	-8.341E+03	9.462E-01
287	4	8	-1.845E+00	2.563E-01	-2.198E-01	-7.911E+03	-7.512E+03	5.983E+02	2.790E-01	-1.867E+00	1.674E+00	-7.081E+03	-8.342E+03	9.461E-01
287	4	9	8.242E-01	3.246E-02	-1.205E+00	-8.045E+03	-6.987E+03	7.180E+02	1.697E+00	-8.399E-01	-6.267E-01	-6.624E+03	-8.408E+03	1.103E+00
287	4	10	8.231E-01	3.229E-02	-1.207E+00	-8.046E+03	-6.986E+03	7.189E+02	1.698E+00	-8.423E-01	-6.271E-01	-6.623E+03	-8.409E+03	1.103E+00
287	4	11	5.379E-01	2.279E-02	-1.364E+00	-8.031E+03	-6.974E+03	7.418E+02	1.669E+00	-1.108E+00	-6.921E-01	-6.591E+03	-8.414E+03	1.095E+00
287	4	12	5.368E-01	2.263E-02	-1.366E+00	-8.031E+03	-6.973E+03	7.427E+02	1.670E+00	-1.111E+00	-6.924E-01	-6.591E+03	-8.414E+03	1.095E+00
287	4	13	8.233E-01	3.199E-02	-1.208E+00	-8.046E+03	-6.987E+03	7.199E+02	1.698E+00	-8.431E-01	-6.271E-01	-6.623E+03	-8.410E+03	1.103E+00
287	4	14	8.222E-01	3.182E-02	-1.210E+00	-8.046E+03	-6.986E+03	7.207E+02	1.700E+00	-8.455E-01	-6.275E-01	-6.622E+03	-8.411E+03	1.102E+00
287	4	15	5.370E-01	2.232E-02	-1.367E+00	-8.032E+03	-6.974E+03	7.437E+02	1.671E+00	-1.112E+00	-6.924E-01	-6.590E+03	-8.415E+03	1.095E+00
287	4	16	5.359E-01	2.216E-02	-1.369E+00	-8.032E+03	-6.974E+03	7.445E+02	1.672E+00	-1.114E+00	-6.927E-01	-6.589E+03	-8.416E+03	1.094E+00
288	1	1	-1.914E-01	-1.046E+00	-5.095E-01	1.993E+03	-1.255E+04	-1.317E+02	4.618E-02	-1.284E+00	-4.364E-01	1.994E+03	-1.255E+04	-9.059E-03
288	1	2	-1.919E-01	-1.053E+00	-5.092E-01	1.993E+03	-1.255E+04	-1.313E+02	4.435E-02	-1.290E+00	-4.343E-01	1.994E+03	-1.255E+04	-9.031E-03
288	1	3	-2.679E-01	-9.919E-01	-8.720E-01	2.001E+03	-1.239E+04	-9.654E+01	3.142E-01	-1.574E+00	-5.887E-01	2.002E+03	-1.239E+04	-6.709E-03
288	1	4	-2.683E-01	-9.989E-01	-8.717E-01	2.001E+03	-1.238E+04	-9.611E+01	3.115E-01	-1.579E+00	-5.870E-01	2.002E+03	-1.238E+04	-6.681E-03
288	1	5	-1.918E-01	-1.054E+00	-5.094E-01	1.993E+03	-1.255E+04	-1.308E+02	4.437E-02	-1.291E+00	-4.341E-01	1.994E+03	-1.255E+04	-8.994E-03
288	1	6	-1.922E-01	-1.061E+00	-5.091E-01	1.994E+03	-1.254E+04	-1.303E+02	4.255E-02	-1.296E+00	-4.320E-01	1.995E+03	-1.254E+04	-8.965E-03
288	1	7	-2.682E-01	-1.000E+00	-8.718E-01	2.001E+03	-1.238E+04	-9.556E+01	3.114E-01	-1.580E+00	-5.867E-01	2.002E+03	-1.238E+04	-6.643E-03
288	1	8	-2.687E-01	-1.007E+00	-8.715E-01	2.002E+03	-1.238E+04	-9.513E+01	3.087E-01	-1.584E+00	-5.851E-01	2.002E+03	-1.238E+04	-6.614E-03
288	1	9	5.277E-02	-4.367E+00	6.212E-01	2.194E+03	-1.140E+04	-2.999E+02	1.384E-01	-4.452E+00	1.370E-01	2.200E+03	-1.141E+04	-2.204E-02
288	1	10	5.235E-02	-4.374E+00	6.215E-01	2.194E+03	-1.140E+04	-2.994E+02	1.380E-01	-4.459E+00	1.369E-01	2.201E+03	-1.140E+04	-2.202E-02
288	1	11	-2.371E-02	-4.312E+00	2.587E-01	2.202E+03	-1.124E+04	-2.647E+02	-8.154E-03	-4.328E+00	6.004E-02	2.207E+03	-1.124E+04	-1.968E-02
288	1	12	-2.413E-02	-4.319E+00	2.590E-01	2.202E+03	-1.124E+04	-2.642E+02	-8.569E-03	-4.335E+00	6.001E-02	2.208E+03	-1.124E+04	-1.965E-02
288	1	13	5.245E-02	-4.375E+00	6.213E-01	2.194E+03	-1.140E+04	-2.989E+02	1.380E-01	-4.460E+00	1.368E-01	2.201E+03	-1.140E+04	-2.198E-02
288	1	14	5.203E-02	-4.382E+00	6.216E-01	2.195E+03	-1.140E+04	-2.985E+02	1.375E-01	-4.467E+00	1.367E-01	2.201E+03	-1.140E+04	-2.195E-02
288	1	15	-2.403E-02	-4.320E+00	2.589E-01	2.202E+03	-1.124E+04	-2.637E+02	-8.489E-03	-4.336E+00	5.996E-02	2.208E+03	-1.124E+04	-1.961E-02
288	1	16	-2.445E-02	-4.328E+00	2.592E-01	2.203E+03	-1.123E+04	-2.633E+02	-8.903E-03	-4.343E+00	5.994E-02	2.208E+03	-1.124E+04	-1.958E-02
288	2	1	1.234E-01	-8.467E-01	-2.303E-01	6.431E+02	-6.743E+03	-1.501E+03	1.753E-01	-8.986E-01	-2.216E-01	9.366E+02	-7.036E+03	-1.930E-01
288	2	2	1.229E-01	-8.520E-01	-2.293E-01	6.429E+02	-6.741E+03	-1.501E+03	1.741E-01	-9.032E-01	-2.198E-01	9.362E+02	-7.034E+03	-1.930E-01
288	2	3	2.320E-01	-7.887E-01	-5.318E-01	6.559E+02	-6.680E+03	-1.439E+03	4.587E-01	-1.015E+00	-4.030E-01	9.280E+02	-6.952E+03	-1.869E-01
288	2	4	2.315E-01	-7.940E-01	-5.308E-01	6.557E+02	-6.678E+03	-1.438E+03	4.567E-01	-1.019E+00	-4.013E-01	9.277E+02	-6.950E+03	-1.869E-01
288	2	5	1.232E-01	-8.531E-01	-2.293E-01	6.430E+02	-6.741E+03	-1.500E+03	1.744E-01	-9.043E-01	-2.196E-01	9.361E+02	-7.034E+03	-1.930E-01
288	2	6	1.227E-01	-8.583E-01	-2.283E-01	6.427E+02	-6.738E+03	-1.500E+03	1.732E-01	-9.089E-01	-2.178E-01	9.357E+02	-7.031E+03	-1.930E-01
288	2	7	2.318E-01	-7.951E-01	-5.308E-01	6.558E+02	-6.678E+03	-1.438E+03	4.569E-01	-1.020E+00	-4.010E-01	9.275E+02	-6.950E+03	-1.868E-01
288	2	8	2.313E-01	-8.004E-01	-5.298E-01	6.555E+02	-6.676E+03	-1.437E+03	4.549E-01	-1.024E+00	-3.994E-01	9.272E+02	-6.947E+03	-1.868E-01
288	2	9	-6.458E-01	-2.588E+00	1.053E+00	4.400E+02	-5.604E+03	-1.859E+03	-1.848E-01	-3.049E+00	4.128E-01	9.657E+02	-6.130E+03	-2.757E-01
288	2	10	-6.463E-01	-2.594E+00	1.054E+00	4.398E+02	-5.602E+03	-1.858E+03	-1.854E-01	-3.054E+00	4.124E-01	9.654E+02	-6.128E+03	-2.757E-01
288	2	11	-5.372E-01	-2.530E+00	7.510E-01	4.528E+02	-5.541E+03	-1.796E+03	-2.858E-01	-2.782E+00	3.229E-01	9.498E+02	-6.038E+03	-2.700E-01
288	2	12	-5.377E-01	-2.536E+00	7.521E-01	4.526E+02	-5.539E+03	-1.796E+03	-2.862E-01	-2.787E+00	3.227E-01	9.495E+02	-6.036E+03	-2.700E-01
288	2	13	-6.460E-01	-2.595E+00	1.053E+00	4.398E+02	-5.602E+03	-1.857E+03	-1.853E-01	-3.055E+00	4.122E-01	9.652E+02	-6.127E+03	-2.756E-01
288	2	14	-6.465E-01	-2.600E+00	1.055E+00	4.396E+02	-5.600E+03	-1.857E+03	-1.859E-01	-3.060E+00	4.118E-01	9.649E+02	-6.125E+03	-2.757E-01
288	2	15	-5.374E-01	-2.537E+00	7.520E-01	4.526E+02	-5.539E+03	-1.795E+03	-2.861E-01	-2.788E+00	3.225E-01	9.492E+02	-6.036E+03	-2.699E-01
288	2	16	-5.379E-01	-2.542E+00	7.530E-01	4.524E+02	-5.537E+03	-1.795E+03	-2.865E-01	-2.793E+00	3.222E-01	9.489E+02	-6.033E+03	-2.699E-01
288	3	1	7.110E-01	-1.150E+00	-1.805E-01	2.094E+03	8.330E+02	-8.789E+02	7.284E-01	-1.167E+00	-9.583E-02	2.545E+03	3.818E+02	-4.743E-01

288	3	2	7.115E-01	-1.157E+00	-1.790E-01	2.093E+03	8.351E+02	-8.789E+02	7.285E-01	-1.174E+00	-9.465E-02	2.545E+03	3.834E+02	-4.747E-01
288	3	3	1.036E+00	-1.192E+00	-5.089E-01	2.007E+03	7.621E+02	-8.302E+02	1.146E+00	-1.303E+00	-2.143E-01	2.422E+03	3.469E+02	-4.638E-01
288	3	4	1.036E+00	-1.200E+00	-5.074E-01	2.007E+03	7.642E+02	-8.302E+02	1.146E+00	-1.309E+00	-2.131E-01	2.422E+03	3.485E+02	-4.642E-01
288	3	5	7.122E-01	-1.158E+00	-1.791E-01	2.093E+03	8.348E+02	-8.793E+02	7.292E-01	-1.175E+00	-9.462E-02	2.545E+03	3.827E+02	-4.749E-01
288	3	6	7.126E-01	-1.165E+00	-1.776E-01	2.093E+03	8.369E+02	-8.793E+02	7.293E-01	-1.182E+00	-9.345E-02	2.546E+03	3.843E+02	-4.753E-01
288	3	7	1.037E+00	-1.201E+00	-5.075E-01	2.006E+03	7.639E+02	-8.307E+02	1.146E+00	-1.311E+00	-2.129E-01	2.422E+03	3.478E+02	-4.644E-01
288	3	8	1.037E+00	-1.208E+00	-5.060E-01	2.006E+03	7.660E+02	-8.307E+02	1.146E+00	-1.317E+00	-2.117E-01	2.423E+03	3.495E+02	-4.648E-01
288	3	9	-4.171E-01	-4.368E+00	1.619E+00	2.542E+03	2.481E+03	-1.241E+03	1.613E-01	-4.947E+00	3.432E-01	3.753E+03	1.270E+03	-7.731E-01
288	3	10	-4.166E-01	-4.375E+00	1.620E+00	2.542E+03	2.483E+03	-1.241E+03	1.618E-01	-4.954E+00	3.429E-01	3.754E+03	1.271E+03	-7.735E-01
288	3	11	-9.258E-02	-4.411E+00	1.290E+00	2.455E+03	2.410E+03	-1.192E+03	2.635E-01	-4.767E+00	2.693E-01	3.625E+03	1.240E+03	-7.759E-01
288	3	12	-9.210E-02	-4.418E+00	1.292E+00	2.455E+03	2.412E+03	-1.192E+03	2.642E-01	-4.775E+00	2.692E-01	3.626E+03	1.241E+03	-7.763E-01
288	3	13	-4.160E-01	-4.377E+00	1.620E+00	2.542E+03	2.483E+03	-1.241E+03	1.622E-01	-4.955E+00	3.428E-01	3.754E+03	1.270E+03	-7.735E-01
288	3	14	-4.155E-01	-4.384E+00	1.622E+00	2.542E+03	2.485E+03	-1.241E+03	1.628E-01	-4.962E+00	3.426E-01	3.755E+03	1.271E+03	-7.740E-01
288	3	15	-9.146E-02	-4.419E+00	1.292E+00	2.455E+03	2.412E+03	-1.193E+03	2.647E-01	-4.776E+00	2.690E-01	3.626E+03	1.240E+03	-7.764E-01
288	3	16	-9.097E-02	-4.427E+00	1.293E+00	2.455E+03	2.414E+03	-1.193E+03	2.654E-01	-4.783E+00	2.689E-01	3.627E+03	1.241E+03	-7.768E-01
288	4	1	5.736E-01	-1.351E+00	-4.133E-01	3.901E+03	-5.231E+03	-8.715E+02	6.586E-01	-1.436E+00	-2.028E-01	3.983E+03	-5.314E+03	-9.430E-02
288	4	2	5.742E-01	-1.360E+00	-4.125E-01	3.901E+03	-5.228E+03	-8.707E+02	6.585E-01	-1.445E+00	-2.015E-01	3.983E+03	-5.311E+03	-9.425E-02
288	4	3	7.131E-01	-1.398E+00	-8.027E-01	3.810E+03	-5.203E+03	-7.722E+02	9.836E-01	-1.668E+00	-3.251E-01	3.875E+03	-5.269E+03	-8.485E-02
288	4	4	7.136E-01	-1.407E+00	-8.019E-01	3.810E+03	-5.200E+03	-7.714E+02	9.828E-01	-1.676E+00	-3.238E-01	3.875E+03	-5.266E+03	-8.480E-02
288	4	5	5.746E-01	-1.362E+00	-4.127E-01	3.900E+03	-5.228E+03	-8.699E+02	6.589E-01	-1.446E+00	-2.015E-01	3.982E+03	-5.310E+03	-9.417E-02
288	4	6	5.752E-01	-1.371E+00	-4.119E-01	3.901E+03	-5.225E+03	-8.692E+02	6.588E-01	-1.454E+00	-2.002E-01	3.983E+03	-5.307E+03	-9.412E-02
288	4	7	7.140E-01	-1.408E+00	-8.021E-01	3.809E+03	-5.200E+03	-7.706E+02	9.831E-01	-1.677E+00	-3.237E-01	3.875E+03	-5.265E+03	-8.472E-02
288	4	8	7.146E-01	-1.417E+00	-8.013E-01	3.810E+03	-5.197E+03	-7.699E+02	9.822E-01	-1.685E+00	-3.223E-01	3.875E+03	-5.262E+03	-8.466E-02
288	4	9	1.040E-01	-6.145E+00	1.141E+00	4.485E+03	-3.550E+03	-1.250E+03	3.058E-01	-6.346E+00	1.750E-01	4.675E+03	-3.740E+03	-1.508E-01
288	4	10	1.046E-01	-6.154E+00	1.142E+00	4.485E+03	-3.547E+03	-1.249E+03	3.063E-01	-6.355E+00	1.749E-01	4.675E+03	-3.737E+03	-1.508E-01
288	4	11	2.434E-01	-6.191E+00	7.514E-01	4.394E+03	-3.522E+03	-1.151E+03	3.300E-01	-6.277E+00	1.147E-01	4.558E+03	-3.686E+03	-1.415E-01
288	4	12	2.440E-01	-6.200E+00	7.522E-01	4.394E+03	-3.519E+03	-1.150E+03	3.307E-01	-6.287E+00	1.147E-01	4.558E+03	-3.683E+03	-1.414E-01
288	4	13	1.050E-01	-6.155E+00	1.141E+00	4.485E+03	-3.547E+03	-1.249E+03	3.066E-01	-6.356E+00	1.748E-01	4.674E+03	-3.737E+03	-1.507E-01
288	4	14	1.056E-01	-6.164E+00	1.142E+00	4.485E+03	-3.544E+03	-1.248E+03	3.072E-01	-6.365E+00	1.747E-01	4.675E+03	-3.734E+03	-1.507E-01
288	4	15	2.444E-01	-6.201E+00	7.520E-01	4.394E+03	-3.519E+03	-1.149E+03	3.310E-01	-6.288E+00	1.146E-01	4.557E+03	-3.682E+03	-1.414E-01
288	4	16	2.450E-01	-6.210E+00	7.528E-01	4.394E+03	-3.516E+03	-1.149E+03	3.316E-01	-6.297E+00	1.146E-01	4.558E+03	-3.679E+03	-1.413E-01
289	1	1	1.090E+00	-6.043E-01	-8.829E-01	2.668E+03	2.265E+03	1.445E+03	1.466E+00	-9.808E-01	-4.031E-01	3.926E+03	1.007E+03	7.161E-01
289	1	2	1.088E+00	-6.029E-01	-8.800E-01	2.669E+03	2.266E+03	1.445E+03	1.463E+00	-9.777E-01	-4.027E-01	3.926E+03	1.008E+03	7.161E-01
289	1	3	9.674E-01	-5.657E-01	-7.996E-01	2.702E+03	2.298E+03	1.460E+03	1.309E+00	-9.068E-01	-4.033E-01	3.974E+03	1.027E+03	7.167E-01
289	1	4	9.660E-01	-5.643E-01	-7.967E-01	2.703E+03	2.299E+03	1.460E+03	1.305E+00	-9.037E-01	-4.028E-01	3.974E+03	1.027E+03	7.167E-01
289	1	5	1.084E+00	-6.010E-01	-8.766E-01	2.670E+03	2.267E+03	1.446E+03	1.458E+00	-9.743E-01	-4.025E-01	3.929E+03	1.009E+03	7.162E-01
289	1	6	1.083E+00	-5.996E-01	-8.736E-01	2.671E+03	2.268E+03	1.446E+03	1.455E+00	-9.712E-01	-4.021E-01	3.929E+03	1.009E+03	7.162E-01
289	1	7	9.622E-01	-5.624E-01	-7.933E-01	2.704E+03	2.301E+03	1.460E+03	1.300E+00	-9.003E-01	-4.026E-01	3.977E+03	1.028E+03	7.168E-01
289	1	8	9.608E-01	-5.610E-01	-7.903E-01	2.705E+03	2.302E+03	1.460E+03	1.297E+00	-8.972E-01	-4.022E-01	3.977E+03	1.029E+03	7.168E-01
289	1	9	3.468E-01	-3.265E-01	-1.412E+00	2.934E+03	2.524E+03	1.848E+03	1.462E+00	-1.441E+00	-6.684E-01	4.589E+03	8.695E+02	7.301E-01
289	1	10	3.454E-01	-3.251E-01	-1.409E+00	2.935E+03	2.525E+03	1.848E+03	1.459E+00	-1.438E+00	-6.686E-01	4.589E+03	8.702E+02	7.302E-01
289	1	11	2.245E-01	-2.879E-01	-1.329E+00	2.968E+03	2.558E+03	1.863E+03	1.321E+00	-1.385E+00	-6.902E-01	4.637E+03	8.891E+02	7.305E-01
289	1	12	2.232E-01	-2.865E-01	-1.326E+00	2.969E+03	2.558E+03	1.863E+03	1.318E+00	-1.382E+00	-6.905E-01	4.638E+03	8.898E+02	7.305E-01

289	1	13	3.416E-01	-3.232E-01	-1.406E+00	2.936E+03	2.527E+03	1.849E+03	1.454E+00	-1.435E+00	-6.693E-01	4.592E+03	8.711E+02	7.302E-01
289	1	14	3.402E-01	-3.218E-01	-1.403E+00	2.937E+03	2.527E+03	1.849E+03	1.450E+00	-1.432E+00	-6.695E-01	4.592E+03	8.718E+02	7.302E-01
289	1	15	2.194E-01	-2.846E-01	-1.322E+00	2.971E+03	2.560E+03	1.863E+03	1.314E+00	-1.379E+00	-6.912E-01	4.640E+03	8.907E+02	7.306E-01
289	1	16	2.180E-01	-2.832E-01	-1.319E+00	2.971E+03	2.561E+03	1.863E+03	1.310E+00	-1.376E+00	-6.915E-01	4.641E+03	8.914E+02	7.306E-01
289	2	1	-3.051E-01	5.074E-01	-1.263E+00	3.560E+03	1.551E+03	8.381E+02	1.427E+00	-1.225E+00	2.201E+00	3.864E+03	1.248E+03	3.477E-01
289	2	2	-3.035E-01	5.060E-01	-1.260E+00	3.562E+03	1.552E+03	8.387E+02	1.425E+00	-1.222E+00	2.201E+00	3.866E+03	1.248E+03	3.478E-01
289	2	3	-2.921E-01	4.414E-01	-1.180E+00	3.607E+03	1.569E+03	8.494E+02	1.310E+00	-1.161E+00	2.206E+00	3.914E+03	1.261E+03	3.474E-01
289	2	4	-2.906E-01	4.399E-01	-1.177E+00	3.608E+03	1.570E+03	8.499E+02	1.307E+00	-1.158E+00	2.206E+00	3.916E+03	1.262E+03	3.475E-01
289	2	5	-3.029E-01	5.042E-01	-1.257E+00	3.564E+03	1.553E+03	8.393E+02	1.420E+00	-1.219E+00	2.201E+00	3.868E+03	1.249E+03	3.478E-01
289	2	6	-3.013E-01	5.028E-01	-1.254E+00	3.565E+03	1.554E+03	8.399E+02	1.418E+00	-1.216E+00	2.201E+00	3.870E+03	1.249E+03	3.479E-01
289	2	7	-2.899E-01	4.382E-01	-1.174E+00	3.610E+03	1.571E+03	8.506E+02	1.303E+00	-1.155E+00	2.206E+00	3.918E+03	1.263E+03	3.476E-01
289	2	8	-2.883E-01	4.367E-01	-1.171E+00	3.612E+03	1.572E+03	8.511E+02	1.300E+00	-1.152E+00	2.206E+00	3.920E+03	1.263E+03	3.477E-01
289	2	9	-6.763E-01	9.754E-01	-7.917E-01	3.755E+03	1.318E+03	7.451E+02	1.294E+00	-9.945E-01	1.953E+00	3.965E+03	1.109E+03	2.745E-01
289	2	10	-6.748E-01	9.740E-01	-7.890E-01	3.756E+03	1.319E+03	7.456E+02	1.291E+00	-9.915E-01	1.953E+00	3.966E+03	1.109E+03	2.746E-01
289	2	11	-6.634E-01	9.094E-01	-7.091E-01	3.801E+03	1.336E+03	7.563E+02	1.182E+00	-9.359E-01	1.938E+00	4.015E+03	1.122E+03	2.752E-01
289	2	12	-6.618E-01	9.079E-01	-7.064E-01	3.803E+03	1.337E+03	7.569E+02	1.179E+00	-9.329E-01	1.937E+00	4.016E+03	1.123E+03	2.753E-01
289	2	13	-6.741E-01	9.722E-01	-7.857E-01	3.758E+03	1.320E+03	7.463E+02	1.287E+00	-9.889E-01	1.952E+00	3.969E+03	1.110E+03	2.747E-01
289	2	14	-6.726E-01	9.708E-01	-7.830E-01	3.760E+03	1.321E+03	7.468E+02	1.284E+00	-9.859E-01	1.951E+00	3.970E+03	1.111E+03	2.748E-01
289	2	15	-6.612E-01	9.062E-01	-7.031E-01	3.805E+03	1.338E+03	7.575E+02	1.175E+00	-9.303E-01	1.936E+00	4.019E+03	1.124E+03	2.754E-01
289	2	16	-6.596E-01	9.048E-01	-7.004E-01	3.806E+03	1.339E+03	7.581E+02	1.173E+00	-9.274E-01	1.936E+00	4.020E+03	1.124E+03	2.755E-01
289	3	1	-1.383E+00	-3.581E-02	-6.148E-01	1.883E+03	5.124E+02	1.067E+03	2.027E-01	-1.621E+00	1.941E+00	2.465E+03	-7.029E+01	4.999E-01
289	3	2	-1.379E+00	-3.549E-02	-6.134E-01	1.884E+03	5.126E+02	1.067E+03	2.024E-01	-1.617E+00	1.941E+00	2.466E+03	-7.022E+01	4.999E-01
289	3	3	-1.280E+00	-5.161E-02	-5.821E-01	1.907E+03	5.106E+02	1.076E+03	1.804E-01	-1.512E+00	1.950E+00	2.492E+03	-7.417E+01	4.977E-01
289	3	4	-1.277E+00	-5.129E-02	-5.807E-01	1.908E+03	5.108E+02	1.077E+03	1.801E-01	-1.508E+00	1.950E+00	2.493E+03	-7.411E+01	4.976E-01
289	3	5	-1.376E+00	-3.540E-02	-6.117E-01	1.885E+03	5.126E+02	1.068E+03	2.018E-01	-1.613E+00	1.941E+00	2.468E+03	-7.036E+01	4.998E-01
289	3	6	-1.373E+00	-3.509E-02	-6.103E-01	1.886E+03	5.127E+02	1.068E+03	2.015E-01	-1.609E+00	1.941E+00	2.469E+03	-7.029E+01	4.997E-01
289	3	7	-1.274E+00	-5.120E-02	-5.790E-01	1.909E+03	5.108E+02	1.077E+03	1.795E-01	-1.504E+00	1.950E+00	2.494E+03	-7.425E+01	4.976E-01
289	3	8	-1.270E+00	-5.089E-02	-5.776E-01	1.910E+03	5.109E+02	1.077E+03	1.792E-01	-1.501E+00	1.950E+00	2.495E+03	-7.418E+01	4.975E-01
289	3	9	-8.531E-01	-5.445E-03	-3.940E-01	1.750E+03	4.082E+02	1.133E+03	1.494E-01	-1.008E+00	1.945E+00	2.396E+03	-2.376E+02	5.181E-01
289	3	10	-8.500E-01	-5.126E-03	-3.926E-01	1.751E+03	4.083E+02	1.133E+03	1.491E-01	-1.004E+00	1.945E+00	2.397E+03	-2.376E+02	5.180E-01
289	3	11	-7.507E-01	-2.125E-02	-3.613E-01	1.774E+03	4.064E+02	1.143E+03	1.274E-01	-8.994E-01	1.961E+00	2.422E+03	-2.413E+02	5.157E-01
289	3	12	-7.476E-01	-2.093E-02	-3.599E-01	1.775E+03	4.065E+02	1.143E+03	1.271E-01	-8.956E-01	1.961E+00	2.423E+03	-2.412E+02	5.156E-01
289	3	13	-8.464E-01	-5.042E-03	-3.909E-01	1.752E+03	4.083E+02	1.134E+03	1.486E-01	-1.000E+00	1.945E+00	2.398E+03	-2.377E+02	5.179E-01
289	3	14	-8.433E-01	-4.724E-03	-3.895E-01	1.753E+03	4.085E+02	1.134E+03	1.483E-01	-9.963E-01	1.945E+00	2.399E+03	-2.376E+02	5.178E-01
289	3	15	-7.441E-01	-2.084E-02	-3.582E-01	1.776E+03	4.066E+02	1.143E+03	1.266E-01	-8.915E-01	1.961E+00	2.424E+03	-2.414E+02	5.155E-01
289	3	16	-7.409E-01	-2.052E-02	-3.568E-01	1.777E+03	4.067E+02	1.144E+03	1.263E-01	-8.877E-01	1.961E+00	2.425E+03	-2.413E+02	5.155E-01
289	4	1	1.968E-01	-9.418E-01	-4.780E-01	3.242E+02	1.669E+03	1.143E+03	3.709E-01	-1.116E+00	-3.492E-01	2.322E+03	-3.293E+02	1.051E+00
289	4	2	1.970E-01	-9.386E-01	-4.763E-01	3.242E+02	1.669E+03	1.143E+03	3.704E-01	-1.112E+00	-3.490E-01	2.323E+03	-3.296E+02	1.051E+00
289	4	3	1.640E-01	-8.530E-01	-4.447E-01	3.293E+02	1.688E+03	1.157E+03	3.310E-01	-1.020E+00	-3.593E-01	2.351E+03	-3.332E+02	1.051E+00
289	4	4	1.642E-01	-8.498E-01	-4.430E-01	3.292E+02	1.688E+03	1.158E+03	3.305E-01	-1.016E+00	-3.590E-01	2.351E+03	-3.335E+02	1.051E+00
289	4	5	1.961E-01	-9.350E-01	-4.746E-01	3.244E+02	1.670E+03	1.144E+03	3.689E-01	-1.108E+00	-3.491E-01	2.324E+03	-3.298E+02	1.051E+00
289	4	6	1.963E-01	-9.318E-01	-4.729E-01	3.243E+02	1.670E+03	1.144E+03	3.683E-01	-1.104E+00	-3.489E-01	2.324E+03	-3.301E+02	1.051E+00
289	4	7	1.633E-01	-8.461E-01	-4.412E-01	3.294E+02	1.689E+03	1.158E+03	3.290E-01	-1.012E+00	-3.592E-01	2.352E+03	-3.337E+02	1.051E+00

289	4	8	1.635E-01	-8.430E-01	-4.395E-01	3.294E+02	1.689E+03	1.159E+03	3.284E-01	-1.008E+00	-3.590E-01	2.353E+03	-3.340E+02	1.051E+00
289	4	9	-1.469E-02	-1.513E+00	-7.714E-01	4.813E+02	2.020E+03	1.257E+03	3.115E-01	-1.839E+00	-4.000E-01	2.725E+03	-2.234E+02	1.060E+00
289	4	10	-1.449E-02	-1.510E+00	-7.697E-01	4.812E+02	2.021E+03	1.258E+03	3.109E-01	-1.835E+00	-4.000E-01	2.725E+03	-2.236E+02	1.060E+00
289	4	11	-4.751E-02	-1.424E+00	-7.380E-01	4.864E+02	2.040E+03	1.272E+03	2.734E-01	-1.745E+00	-4.101E-01	2.753E+03	-2.273E+02	1.059E+00
289	4	12	-4.731E-02	-1.421E+00	-7.363E-01	4.863E+02	2.040E+03	1.272E+03	2.728E-01	-1.741E+00	-4.101E-01	2.754E+03	-2.276E+02	1.059E+00
289	4	13	-1.543E-02	-1.506E+00	-7.680E-01	4.815E+02	2.022E+03	1.258E+03	3.094E-01	-1.831E+00	-4.002E-01	2.727E+03	-2.239E+02	1.060E+00
289	4	14	-1.523E-02	-1.503E+00	-7.663E-01	4.814E+02	2.022E+03	1.259E+03	3.089E-01	-1.827E+00	-4.001E-01	2.727E+03	-2.241E+02	1.060E+00
289	4	15	-4.825E-02	-1.417E+00	-7.346E-01	4.865E+02	2.041E+03	1.273E+03	2.713E-01	-1.737E+00	-4.103E-01	2.755E+03	-2.278E+02	1.059E+00
289	4	16	-4.805E-02	-1.414E+00	-7.329E-01	4.864E+02	2.041E+03	1.273E+03	2.708E-01	-1.733E+00	-4.103E-01	2.756E+03	-2.281E+02	1.059E+00
290	1	1	-2.154E+00	2.470E-01	4.168E-02	-3.625E+03	-6.640E+02	9.676E+02	2.477E-01	-2.155E+00	1.553E+00	-3.758E+02	-3.913E+03	1.281E+00
290	1	2	-2.153E+00	2.466E-01	4.056E-02	-3.625E+03	-6.636E+02	9.689E+02	2.473E-01	-2.154E+00	1.554E+00	-3.748E+02	-3.914E+03	1.281E+00
290	1	3	-2.137E+00	2.234E-01	-4.056E-02	-3.620E+03	-6.584E+02	9.995E+02	2.241E-01	-2.138E+00	1.588E+00	-3.526E+02	-3.926E+03	1.274E+00
290	1	4	-2.136E+00	2.230E-01	-4.168E-02	-3.620E+03	-6.580E+02	1.001E+03	2.237E-01	-2.137E+00	1.588E+00	-3.516E+02	-3.926E+03	1.274E+00
290	1	5	-2.148E+00	2.459E-01	4.032E-02	-3.626E+03	-6.636E+02	9.704E+02	2.466E-01	-2.148E+00	1.554E+00	-3.741E+02	-3.915E+03	1.281E+00
290	1	6	-2.147E+00	2.454E-01	3.920E-02	-3.626E+03	-6.633E+02	9.716E+02	2.461E-01	-2.147E+00	1.554E+00	-3.731E+02	-3.916E+03	1.281E+00
290	1	7	-2.131E+00	2.223E-01	-4.192E-02	-3.620E+03	-6.580E+02	1.002E+03	2.230E-01	-2.132E+00	1.589E+00	-3.508E+02	-3.928E+03	1.273E+00
290	1	8	-2.130E+00	2.218E-01	-4.305E-02	-3.620E+03	-6.577E+02	1.003E+03	2.226E-01	-2.131E+00	1.589E+00	-3.498E+02	-3.928E+03	1.273E+00
290	1	9	1.314E+00	1.311E-01	1.342E+00	-4.011E+03	-7.898E+02	7.501E+02	2.189E+00	-7.442E-01	5.779E-01	-6.237E+02	-4.178E+03	1.353E+00
290	1	10	1.315E+00	1.307E-01	1.341E+00	-4.011E+03	-7.895E+02	7.514E+02	2.188E+00	-7.432E-01	5.775E-01	-6.229E+02	-4.178E+03	1.353E+00
290	1	11	1.330E+00	1.075E-01	1.260E+00	-4.006E+03	-7.842E+02	7.820E+02	2.119E+00	-6.814E-01	5.595E-01	-6.044E+02	-4.186E+03	1.345E+00
290	1	12	1.332E+00	1.071E-01	1.259E+00	-4.006E+03	-7.839E+02	7.832E+02	2.119E+00	-6.804E-01	5.591E-01	-6.035E+02	-4.186E+03	1.345E+00
290	1	13	1.320E+00	1.300E-01	1.341E+00	-4.012E+03	-7.895E+02	7.528E+02	2.192E+00	-7.419E-01	5.766E-01	-6.223E+02	-4.179E+03	1.352E+00
290	1	14	1.321E+00	1.295E-01	1.340E+00	-4.012E+03	-7.891E+02	7.541E+02	2.191E+00	-7.408E-01	5.762E-01	-6.214E+02	-4.179E+03	1.352E+00
290	1	15	1.337E+00	1.064E-01	1.258E+00	-4.006E+03	-7.839E+02	7.847E+02	2.122E+00	-6.792E-01	5.581E-01	-6.029E+02	-4.187E+03	1.344E+00
290	1	16	1.338E+00	1.059E-01	1.257E+00	-4.006E+03	-7.835E+02	7.860E+02	2.122E+00	-6.782E-01	5.576E-01	-6.021E+02	-4.188E+03	1.344E+00
290	2	1	-1.857E+00	-1.116E-01	3.365E-01	-8.412E+03	-1.092E+03	2.750E+01	-4.899E-02	-1.920E+00	1.387E+00	-1.092E+03	-8.412E+03	1.567E+00
290	2	2	-1.856E+00	-1.114E-01	3.358E-01	-8.412E+03	-1.092E+03	2.859E+01	-4.898E-02	-1.918E+00	1.387E+00	-1.092E+03	-8.412E+03	1.567E+00
290	2	3	-1.875E+00	-5.875E-02	2.163E-01	-8.379E+03	-1.093E+03	5.258E+01	-3.336E-02	-1.900E+00	1.454E+00	-1.093E+03	-8.379E+03	1.564E+00
290	2	4	-1.874E+00	-5.853E-02	2.156E-01	-8.379E+03	-1.093E+03	5.367E+01	-3.328E-02	-1.899E+00	1.454E+00	-1.092E+03	-8.379E+03	1.563E+00
290	2	5	-1.851E+00	-1.109E-01	3.347E-01	-8.412E+03	-1.092E+03	2.971E+01	-4.878E-02	-1.914E+00	1.387E+00	-1.092E+03	-8.413E+03	1.567E+00
290	2	6	-1.850E+00	-1.107E-01	3.340E-01	-8.412E+03	-1.092E+03	3.080E+01	-4.876E-02	-1.912E+00	1.387E+00	-1.092E+03	-8.413E+03	1.567E+00
290	2	7	-1.869E+00	-5.804E-02	2.144E-01	-8.379E+03	-1.093E+03	5.479E+01	-3.301E-02	-1.894E+00	1.455E+00	-1.093E+03	-8.379E+03	1.563E+00
290	2	8	-1.868E+00	-5.782E-02	2.137E-01	-8.379E+03	-1.093E+03	5.589E+01	-3.293E-02	-1.893E+00	1.455E+00	-1.093E+03	-8.379E+03	1.563E+00
290	2	9	1.498E+00	-1.118E+00	1.577E+00	-8.130E+03	-8.512E+02	1.198E+02	2.239E+00	-1.859E+00	4.392E-01	-8.492E+02	-8.132E+03	1.554E+00
290	2	10	1.499E+00	-1.118E+00	1.576E+00	-8.130E+03	-8.511E+02	1.208E+02	2.239E+00	-1.858E+00	4.390E-01	-8.491E+02	-8.132E+03	1.554E+00
290	2	11	1.480E+00	-1.065E+00	1.457E+00	-8.097E+03	-8.521E+02	1.448E+02	2.142E+00	-1.727E+00	4.264E-01	-8.492E+02	-8.100E+03	1.551E+00
290	2	12	1.482E+00	-1.065E+00	1.456E+00	-8.097E+03	-8.520E+02	1.459E+02	2.143E+00	-1.726E+00	4.262E-01	-8.490E+02	-8.100E+03	1.551E+00
290	2	13	1.504E+00	-1.117E+00	1.575E+00	-8.131E+03	-8.513E+02	1.220E+02	2.242E+00	-1.856E+00	4.385E-01	-8.493E+02	-8.133E+03	1.554E+00
290	2	14	1.505E+00	-1.117E+00	1.575E+00	-8.131E+03	-8.512E+02	1.231E+02	2.243E+00	-1.855E+00	4.382E-01	-8.492E+02	-8.133E+03	1.554E+00
290	2	15	1.486E+00	-1.064E+00	1.455E+00	-8.097E+03	-8.522E+02	1.470E+02	2.146E+00	-1.724E+00	4.256E-01	-8.493E+02	-8.100E+03	1.551E+00
290	2	16	1.487E+00	-1.064E+00	1.454E+00	-8.097E+03	-8.521E+02	1.481E+02	2.146E+00	-1.723E+00	4.254E-01	-8.491E+02	-8.100E+03	1.550E+00
290	3	1	-1.564E+00	-5.201E-02	4.176E-02	-3.724E+03	-3.082E+02	4.949E+01	-5.086E-02	-1.565E+00	1.543E+00	-3.075E+02	-3.725E+03	1.556E+00
290	3	2	-1.562E+00	-5.280E-02	4.064E-02	-3.724E+03	-3.079E+02	5.055E+01	-5.171E-02	-1.563E+00	1.544E+00	-3.072E+02	-3.725E+03	1.556E+00

290	3	3	-1.616E+00	-4.621E-02	-4.050E-02	-3.713E+03	-3.014E+02	8.096E+01	-4.517E-02	-1.617E+00	1.597E+00	-2.995E+02	-3.715E+03	1.547E+00
290	3	4	-1.614E+00	-4.700E-02	-4.163E-02	-3.713E+03	-3.011E+02	8.202E+01	-4.589E-02	-1.615E+00	1.597E+00	-2.991E+02	-3.715E+03	1.547E+00
290	3	5	-1.558E+00	-5.277E-02	4.040E-02	-3.724E+03	-3.076E+02	5.182E+01	-5.169E-02	-1.559E+00	1.544E+00	-3.068E+02	-3.725E+03	1.556E+00
290	3	6	-1.556E+00	-5.356E-02	3.928E-02	-3.724E+03	-3.073E+02	5.289E+01	-5.254E-02	-1.557E+00	1.545E+00	-3.065E+02	-3.725E+03	1.555E+00
290	3	7	-1.611E+00	-4.698E-02	-4.187E-02	-3.713E+03	-3.008E+02	8.329E+01	-4.586E-02	-1.612E+00	1.598E+00	-2.988E+02	-3.715E+03	1.546E+00
290	3	8	-1.609E+00	-4.776E-02	-4.299E-02	-3.713E+03	-3.005E+02	8.436E+01	-4.658E-02	-1.610E+00	1.598E+00	-2.984E+02	-3.715E+03	1.546E+00
290	3	9	1.686E+00	2.077E-02	1.343E+00	-4.049E+03	-2.211E+02	1.446E+02	2.433E+00	-7.263E-01	5.078E-01	-2.156E+02	-4.055E+03	1.533E+00
290	3	10	1.688E+00	1.998E-02	1.341E+00	-4.049E+03	-2.207E+02	1.456E+02	2.434E+00	-7.255E-01	5.073E-01	-2.152E+02	-4.054E+03	1.533E+00
290	3	11	1.634E+00	2.657E-02	1.260E+00	-4.038E+03	-2.143E+02	1.760E+02	2.325E+00	-6.644E-01	5.016E-01	-2.062E+02	-4.046E+03	1.525E+00
290	3	12	1.636E+00	2.578E-02	1.259E+00	-4.038E+03	-2.139E+02	1.771E+02	2.325E+00	-6.637E-01	5.010E-01	-2.058E+02	-4.046E+03	1.525E+00
290	3	13	1.692E+00	2.001E-02	1.341E+00	-4.049E+03	-2.204E+02	1.469E+02	2.436E+00	-7.244E-01	5.067E-01	-2.148E+02	-4.055E+03	1.533E+00
290	3	14	1.693E+00	1.922E-02	1.340E+00	-4.049E+03	-2.201E+02	1.480E+02	2.436E+00	-7.237E-01	5.062E-01	-2.144E+02	-4.055E+03	1.532E+00
290	3	15	1.639E+00	2.581E-02	1.259E+00	-4.038E+03	-2.136E+02	1.784E+02	2.328E+00	-6.626E-01	5.004E-01	-2.053E+02	-4.046E+03	1.524E+00
290	3	16	1.641E+00	2.502E-02	1.258E+00	-4.038E+03	-2.133E+02	1.794E+02	2.328E+00	-6.619E-01	4.999E-01	-2.049E+02	-4.046E+03	1.524E+00
290	4	1	-1.857E+00	3.179E-01	-2.666E-01	9.374E+02	-2.680E+02	3.824E+02	3.501E-01	-1.889E+00	1.691E+00	1.048E+03	-3.790E+02	2.827E-01
290	4	2	-1.856E+00	3.165E-01	-2.681E-01	9.379E+02	-2.673E+02	3.830E+02	3.491E-01	-1.888E+00	1.692E+00	1.049E+03	-3.787E+02	2.831E-01
290	4	3	-1.875E+00	2.473E-01	-3.108E-01	9.208E+02	-2.522E+02	3.975E+02	2.918E-01	-1.919E+00	1.713E+00	1.043E+03	-3.742E+02	2.979E-01
290	4	4	-1.873E+00	2.458E-01	-3.124E-01	9.213E+02	-2.515E+02	3.982E+02	2.909E-01	-1.918E+00	1.714E+00	1.044E+03	-3.739E+02	2.983E-01
290	4	5	-1.851E+00	3.153E-01	-2.674E-01	9.374E+02	-2.667E+02	3.838E+02	3.478E-01	-1.884E+00	1.692E+00	1.049E+03	-3.786E+02	2.838E-01
290	4	6	-1.850E+00	3.138E-01	-2.690E-01	9.379E+02	-2.660E+02	3.845E+02	3.468E-01	-1.883E+00	1.693E+00	1.050E+03	-3.783E+02	2.842E-01
290	4	7	-1.869E+00	2.446E-01	-3.117E-01	9.208E+02	-2.509E+02	3.990E+02	2.896E-01	-1.914E+00	1.714E+00	1.044E+03	-3.739E+02	2.989E-01
290	4	8	-1.868E+00	2.432E-01	-3.132E-01	9.213E+02	-2.502E+02	3.997E+02	2.887E-01	-1.913E+00	1.715E+00	1.045E+03	-3.736E+02	2.994E-01
290	4	9	1.499E+00	1.258E+00	1.121E+00	1.941E+02	-4.850E+02	2.555E+02	2.506E+00	2.512E-01	7.320E-01	2.795E+02	-5.704E+02	3.225E-01
290	4	10	1.500E+00	1.257E+00	1.119E+00	1.946E+02	-4.843E+02	2.562E+02	2.505E+00	2.526E-01	7.313E-01	2.804E+02	-5.701E+02	3.233E-01
290	4	11	1.481E+00	1.188E+00	1.077E+00	1.774E+02	-4.692E+02	2.707E+02	2.421E+00	2.477E-01	7.177E-01	2.758E+02	-5.675E+02	3.485E-01
290	4	12	1.483E+00	1.186E+00	1.075E+00	1.779E+02	-4.685E+02	2.714E+02	2.420E+00	2.491E-01	7.169E-01	2.768E+02	-5.673E+02	3.492E-01
290	4	13	1.505E+00	1.256E+00	1.120E+00	1.941E+02	-4.837E+02	2.569E+02	2.507E+00	2.532E-01	7.301E-01	2.805E+02	-5.701E+02	3.243E-01
290	4	14	1.506E+00	1.254E+00	1.119E+00	1.946E+02	-4.830E+02	2.576E+02	2.506E+00	2.546E-01	7.293E-01	2.814E+02	-5.698E+02	3.251E-01
290	4	15	1.487E+00	1.185E+00	1.076E+00	1.775E+02	-4.679E+02	2.721E+02	2.422E+00	2.496E-01	7.157E-01	2.769E+02	-5.673E+02	3.503E-01
290	4	16	1.488E+00	1.184E+00	1.074E+00	1.779E+02	-4.672E+02	2.728E+02	2.421E+00	2.510E-01	7.149E-01	2.778E+02	-5.671E+02	3.510E-01
291	1	1	-1.906E+00	2.429E-01	2.058E-02	-3.656E+03	-6.805E+02	-1.075E+03	2.431E-01	-1.906E+00	1.561E+00	-3.328E+02	-4.004E+03	1.884E+00
291	1	2	-1.907E+00	2.434E-01	1.946E-02	-3.656E+03	-6.809E+02	-1.074E+03	2.435E-01	-1.907E+00	1.562E+00	-3.338E+02	-4.003E+03	1.883E+00
291	1	3	-2.412E+00	2.986E-01	1.414E-02	-3.580E+03	-6.632E+02	-1.026E+03	2.987E-01	-2.412E+00	1.566E+00	-3.385E+02	-3.904E+03	1.877E+00
291	1	4	-2.413E+00	2.991E-01	1.302E-02	-3.580E+03	-6.636E+02	-1.025E+03	2.991E-01	-2.413E+00	1.566E+00	-3.395E+02	-3.904E+03	1.877E+00
291	1	5	-1.907E+00	2.435E-01	1.932E-02	-3.657E+03	-6.812E+02	-1.073E+03	2.437E-01	-1.907E+00	1.562E+00	-3.347E+02	-4.003E+03	1.883E+00
291	1	6	-1.908E+00	2.440E-01	1.820E-02	-3.657E+03	-6.815E+02	-1.072E+03	2.441E-01	-1.908E+00	1.562E+00	-3.357E+02	-4.002E+03	1.883E+00
291	1	7	-2.413E+00	2.992E-01	1.288E-02	-3.580E+03	-6.639E+02	-1.024E+03	2.993E-01	-2.413E+00	1.566E+00	-3.403E+02	-3.904E+03	1.877E+00
291	1	8	-2.414E+00	2.997E-01	1.176E-02	-3.580E+03	-6.642E+02	-1.023E+03	2.997E-01	-2.414E+00	1.566E+00	-3.414E+02	-3.903E+03	1.877E+00
291	1	9	1.599E+00	5.784E-02	-1.322E+00	-4.058E+03	-7.959E+02	-6.883E+02	2.359E+00	-7.016E-01	-5.215E-01	-6.566E+02	-4.197E+03	1.770E+00
291	1	10	1.598E+00	5.829E-02	-1.323E+00	-4.058E+03	-7.962E+02	-6.870E+02	2.359E+00	-7.025E-01	-5.219E-01	-6.574E+02	-4.196E+03	1.770E+00
291	1	11	1.094E+00	1.135E-01	-1.328E+00	-3.981E+03	-7.786E+02	-6.392E+02	2.020E+00	-8.123E-01	-6.087E-01	-6.557E+02	-4.104E+03	1.761E+00
291	1	12	1.093E+00	1.140E-01	-1.330E+00	-3.981E+03	-7.789E+02	-6.380E+02	2.020E+00	-8.134E-01	-6.091E-01	-6.565E+02	-4.103E+03	1.760E+00
291	1	13	1.599E+00	5.845E-02	-1.323E+00	-4.058E+03	-7.965E+02	-6.861E+02	2.359E+00	-7.025E-01	-5.219E-01	-6.580E+02	-4.196E+03	1.770E+00

291	1	14	1.597E+00	5.890E-02	-1.324E+00	-4.058E+03	-7.968E+02	-6.849E+02	2.360E+00	-7.034E-01	-5.223E-01	-6.589E+02	-4.196E+03	1.770E+00
291	1	15	1.093E+00	1.141E-01	-1.330E+00	-3.981E+03	-7.792E+02	-6.371E+02	2.020E+00	-8.134E-01	-6.091E-01	-6.571E+02	-4.104E+03	1.760E+00
291	1	16	1.092E+00	1.146E-01	-1.331E+00	-3.982E+03	-7.796E+02	-6.358E+02	2.021E+00	-8.145E-01	-6.095E-01	-6.579E+02	-4.103E+03	1.760E+00
291	2	1	-1.661E+00	2.055E-01	2.527E-01	8.754E+02	-2.336E+02	-4.483E+02	2.391E-01	-1.694E+00	1.439E+00	1.034E+03	-3.922E+02	-3.400E-01
291	2	2	-1.662E+00	2.069E-01	2.512E-01	8.749E+02	-2.343E+02	-4.476E+02	2.401E-01	-1.695E+00	1.440E+00	1.033E+03	-3.924E+02	-3.395E-01
291	2	3	-2.091E+00	2.619E-01	3.291E-01	9.917E+02	-2.448E+02	-4.627E+02	3.071E-01	-2.137E+00	1.434E+00	1.146E+03	-3.987E+02	-3.212E-01
291	2	4	-2.093E+00	2.634E-01	3.275E-01	9.912E+02	-2.455E+02	-4.620E+02	3.081E-01	-2.138E+00	1.435E+00	1.145E+03	-3.990E+02	-3.208E-01
291	2	5	-1.662E+00	2.073E-01	2.512E-01	8.745E+02	-2.347E+02	-4.470E+02	2.404E-01	-1.695E+00	1.440E+00	1.032E+03	-3.924E+02	-3.392E-01
291	2	6	-1.664E+00	2.087E-01	2.496E-01	8.740E+02	-2.354E+02	-4.463E+02	2.414E-01	-1.696E+00	1.441E+00	1.031E+03	-3.927E+02	-3.388E-01
291	2	7	-2.093E+00	2.637E-01	3.275E-01	9.908E+02	-2.459E+02	-4.613E+02	3.084E-01	-2.137E+00	1.435E+00	1.144E+03	-3.990E+02	-3.205E-01
291	2	8	-2.094E+00	2.652E-01	3.260E-01	9.903E+02	-2.466E+02	-4.606E+02	3.094E-01	-2.138E+00	1.436E+00	1.143E+03	-3.993E+02	-3.201E-01
291	2	9	1.717E+00	1.256E+00	-1.156E+00	1.039E+02	-5.135E+02	-1.706E+02	2.665E+00	3.070E-01	-6.871E-01	1.479E+02	-5.575E+02	-2.524E-01
291	2	10	1.715E+00	1.257E+00	-1.158E+00	1.034E+02	-5.142E+02	-1.699E+02	2.666E+00	3.057E-01	-6.878E-01	1.470E+02	-5.579E+02	-2.515E-01
291	2	11	1.286E+00	1.312E+00	-1.080E+00	2.202E+02	-5.247E+02	-1.849E+02	2.379E+00	2.190E-01	2.350E+00	2.636E+02	-5.681E+02	-2.304E-01
291	2	12	1.285E+00	1.314E+00	-1.082E+00	2.197E+02	-5.254E+02	-1.842E+02	2.381E+00	2.174E-01	2.349E+00	2.628E+02	-5.685E+02	-2.296E-01
291	2	13	1.715E+00	1.257E+00	-1.158E+00	1.029E+02	-5.146E+02	-1.693E+02	2.667E+00	3.060E-01	-6.878E-01	1.463E+02	-5.580E+02	-2.507E-01
291	2	14	1.714E+00	1.259E+00	-1.160E+00	1.024E+02	-5.153E+02	-1.685E+02	2.668E+00	3.048E-01	-6.886E-01	1.454E+02	-5.583E+02	-2.497E-01
291	2	15	1.285E+00	1.314E+00	-1.082E+00	2.193E+02	-5.258E+02	-1.836E+02	2.381E+00	2.177E-01	2.349E+00	2.621E+02	-5.686E+02	-2.289E-01
291	2	16	1.283E+00	1.315E+00	-1.083E+00	2.188E+02	-5.265E+02	-1.829E+02	2.383E+00	2.161E-01	2.349E+00	2.612E+02	-5.690E+02	-2.281E-01
291	3	1	-1.419E+00	-2.701E-02	2.052E-02	-3.756E+03	-2.967E+02	-2.420E+02	-2.671E-02	-1.419E+00	1.556E+00	-2.799E+02	-3.772E+03	1.640E+00
291	3	2	-1.421E+00	-2.623E-02	1.940E-02	-3.756E+03	-2.970E+02	-2.409E+02	-2.596E-02	-1.421E+00	1.557E+00	-2.803E+02	-3.773E+03	1.640E+00
291	3	3	-1.774E+00	-3.532E-02	1.408E-02	-3.695E+03	-3.102E+02	-1.933E+02	-3.521E-02	-1.774E+00	1.563E+00	-2.992E+02	-3.706E+03	1.628E+00
291	3	4	-1.776E+00	-3.453E-02	1.296E-02	-3.695E+03	-3.105E+02	-1.922E+02	-3.444E-02	-1.776E+00	1.563E+00	-2.996E+02	-3.706E+03	1.627E+00
291	3	5	-1.420E+00	-2.617E-02	1.927E-02	-3.756E+03	-2.973E+02	-2.400E+02	-2.591E-02	-1.421E+00	1.557E+00	-2.807E+02	-3.773E+03	1.640E+00
291	3	6	-1.422E+00	-2.539E-02	1.815E-02	-3.757E+03	-2.976E+02	-2.389E+02	-2.515E-02	-1.422E+00	1.558E+00	-2.812E+02	-3.773E+03	1.639E+00
291	3	7	-1.776E+00	-3.448E-02	1.282E-02	-3.696E+03	-3.108E+02	-1.914E+02	-3.439E-02	-1.776E+00	1.563E+00	-3.000E+02	-3.707E+03	1.627E+00
291	3	8	-1.777E+00	-3.369E-02	1.170E-02	-3.696E+03	-3.111E+02	-1.903E+02	-3.362E-02	-1.777E+00	1.564E+00	-3.004E+02	-3.707E+03	1.627E+00
291	3	9	1.836E+00	2.014E-02	-1.322E+00	-4.079E+03	-2.218E+02	-2.528E+00	2.532E+00	-6.761E-01	-4.846E-01	-2.218E+02	-4.079E+03	1.571E+00
291	3	10	1.834E+00	2.093E-02	-1.324E+00	-4.080E+03	-2.222E+02	-1.448E+00	2.531E+00	-6.768E-01	-4.852E-01	-2.222E+02	-4.080E+03	1.571E+00
291	3	11	1.480E+00	1.183E-02	-1.329E+00	-4.019E+03	-2.353E+02	4.614E+01	2.264E+00	-7.721E-01	-5.330E-01	-2.347E+02	-4.019E+03	1.559E+00
291	3	12	1.479E+00	1.262E-02	-1.330E+00	-4.019E+03	-2.356E+02	4.722E+01	2.264E+00	-7.730E-01	-5.336E-01	-2.350E+02	-4.020E+03	1.558E+00
291	3	13	1.834E+00	2.098E-02	-1.324E+00	-4.080E+03	-2.224E+02	-5.840E-01	2.532E+00	-6.768E-01	-4.851E-01	-2.224E+02	-4.080E+03	1.571E+00
291	3	14	1.832E+00	2.177E-02	-1.325E+00	-4.080E+03	-2.227E+02	4.959E-01	2.532E+00	-6.775E-01	-4.857E-01	-2.227E+02	-4.080E+03	1.571E+00
291	3	15	1.479E+00	1.267E-02	-1.330E+00	-4.020E+03	-2.359E+02	4.808E+01	2.265E+00	-7.730E-01	-5.335E-01	-2.353E+02	-4.020E+03	1.558E+00
291	3	16	1.477E+00	1.346E-02	-1.331E+00	-4.020E+03	-2.362E+02	4.916E+01	2.264E+00	-7.739E-01	-5.341E-01	-2.356E+02	-4.020E+03	1.558E+00
291	4	1	-1.661E+00	-7.027E-02	-1.963E-01	-8.406E+03	-1.100E+03	-4.577E+01	-4.640E-02	-1.685E+00	1.692E+00	-1.100E+03	-8.406E+03	1.577E+00
291	4	2	-1.663E+00	-7.049E-02	-1.970E-01	-8.406E+03	-1.100E+03	-4.467E+01	-4.647E-02	-1.687E+00	1.692E+00	-1.100E+03	-8.406E+03	1.577E+00
291	4	3	-2.092E+00	-7.933E-02	-2.856E-01	-8.385E+03	-1.081E+03	-1.163E+01	-3.959E-02	-2.131E+00	1.709E+00	-1.081E+03	-8.385E+03	1.572E+00
291	4	4	-2.093E+00	-7.955E-02	-2.862E-01	-8.385E+03	-1.081E+03	-1.052E+01	-3.965E-02	-2.133E+00	1.709E+00	-1.081E+03	-8.385E+03	1.572E+00
291	4	5	-1.662E+00	-7.063E-02	-1.973E-01	-8.406E+03	-1.101E+03	-4.375E+01	-4.654E-02	-1.686E+00	1.692E+00	-1.100E+03	-8.407E+03	1.577E+00
291	4	6	-1.664E+00	-7.085E-02	-1.980E-01	-8.406E+03	-1.101E+03	-4.265E+01	-4.661E-02	-1.688E+00	1.693E+00	-1.101E+03	-8.407E+03	1.577E+00
291	4	7	-2.093E+00	-7.969E-02	-2.865E-01	-8.386E+03	-1.082E+03	-9.603E+00	-3.971E-02	-2.133E+00	1.709E+00	-1.082E+03	-8.386E+03	1.572E+00
291	4	8	-2.094E+00	-7.991E-02	-2.872E-01	-8.386E+03	-1.082E+03	-8.501E+00	-3.976E-02	-2.134E+00	1.710E+00	-1.082E+03	-8.386E+03	1.572E+00

291	4	9	1.716E+00	-1.097E+00	-1.503E+00	-8.122E+03	-8.660E+02	1.465E+02	2.368E+00	-1.749E+00	-4.094E-01	-8.630E+02	-8.125E+03	1.551E+00
291	4	10	1.714E+00	-1.097E+00	-1.504E+00	-8.122E+03	-8.661E+02	1.476E+02	2.367E+00	-1.750E+00	-4.096E-01	-8.630E+02	-8.125E+03	1.550E+00
291	4	11	1.285E+00	-1.106E+00	-1.593E+00	-8.101E+03	-8.469E+02	1.807E+02	2.081E+00	-1.902E+00	-4.634E-01	-8.424E+02	-8.106E+03	1.546E+00
291	4	12	1.284E+00	-1.106E+00	-1.593E+00	-8.101E+03	-8.470E+02	1.818E+02	2.080E+00	-1.903E+00	-4.637E-01	-8.425E+02	-8.106E+03	1.546E+00
291	4	13	1.714E+00	-1.097E+00	-1.504E+00	-8.122E+03	-8.663E+02	1.486E+02	2.367E+00	-1.750E+00	-4.096E-01	-8.633E+02	-8.126E+03	1.550E+00
291	4	14	1.713E+00	-1.098E+00	-1.505E+00	-8.122E+03	-8.664E+02	1.497E+02	2.367E+00	-1.751E+00	-4.098E-01	-8.633E+02	-8.125E+03	1.550E+00
291	4	15	1.284E+00	-1.106E+00	-1.594E+00	-8.102E+03	-8.473E+02	1.827E+02	2.081E+00	-1.903E+00	-4.637E-01	-8.427E+02	-8.106E+03	1.546E+00
291	4	16	1.282E+00	-1.107E+00	-1.594E+00	-8.102E+03	-8.474E+02	1.838E+02	2.080E+00	-1.904E+00	-4.639E-01	-8.427E+02	-8.106E+03	1.545E+00
292	1	1	1.005E+00	-6.408E-01	1.526E+00	2.690E+03	2.277E+03	-1.490E+03	1.916E+00	-1.551E+00	5.380E-01	3.988E+03	9.785E+02	-7.165E-01
292	1	2	1.007E+00	-6.422E-01	1.528E+00	2.689E+03	2.276E+03	-1.490E+03	1.919E+00	-1.554E+00	5.380E-01	3.987E+03	9.777E+02	-7.165E-01
292	1	3	1.318E+00	-7.637E-01	1.735E+00	2.593E+03	2.184E+03	-1.439E+03	2.301E+00	-1.747E+00	5.153E-01	3.842E+03	9.352E+02	-7.149E-01
292	1	4	1.319E+00	-7.651E-01	1.738E+00	2.592E+03	2.183E+03	-1.439E+03	2.304E+00	-1.750E+00	5.154E-01	3.841E+03	9.344E+02	-7.148E-01
292	1	5	1.008E+00	-6.426E-01	1.529E+00	2.689E+03	2.275E+03	-1.491E+03	1.920E+00	-1.555E+00	5.380E-01	3.987E+03	9.766E+02	-7.165E-01
292	1	6	1.009E+00	-6.440E-01	1.532E+00	2.688E+03	2.274E+03	-1.491E+03	1.923E+00	-1.558E+00	5.381E-01	3.986E+03	9.759E+02	-7.164E-01
292	1	7	1.320E+00	-7.655E-01	1.739E+00	2.592E+03	2.182E+03	-1.439E+03	2.305E+00	-1.751E+00	5.153E-01	3.841E+03	9.333E+02	-7.148E-01
292	1	8	1.321E+00	-7.669E-01	1.742E+00	2.591E+03	2.182E+03	-1.439E+03	2.308E+00	-1.754E+00	5.154E-01	3.840E+03	9.325E+02	-7.148E-01
292	1	9	-1.130E-03	-1.409E-01	5.024E-01	3.032E+03	2.621E+03	-1.874E+03	4.362E-01	-5.783E-01	7.163E-01	4.712E+03	9.406E+02	-7.308E-01
292	1	10	2.357E-04	-1.423E-01	5.054E-01	3.031E+03	2.620E+03	-1.874E+03	4.393E-01	-5.814E-01	7.153E-01	4.711E+03	9.399E+02	-7.307E-01
292	1	11	3.114E-01	-2.639E-01	7.124E-01	2.935E+03	2.528E+03	-1.823E+03	7.920E-01	-7.445E-01	5.935E-01	4.565E+03	8.974E+02	-7.298E-01
292	1	12	3.127E-01	-2.653E-01	7.153E-01	2.934E+03	2.527E+03	-1.823E+03	7.952E-01	-7.478E-01	5.934E-01	4.565E+03	8.967E+02	-7.298E-01
292	1	13	9.951E-04	-1.427E-01	5.061E-01	3.031E+03	2.619E+03	-1.875E+03	4.403E-01	-5.821E-01	7.149E-01	4.711E+03	9.388E+02	-7.307E-01
292	1	14	2.360E-03	-1.442E-01	5.091E-01	3.030E+03	2.618E+03	-1.875E+03	4.434E-01	-5.852E-01	7.139E-01	4.710E+03	9.380E+02	-7.307E-01
292	1	15	3.135E-01	-2.657E-01	7.161E-01	2.934E+03	2.526E+03	-1.823E+03	7.963E-01	-7.485E-01	5.932E-01	4.564E+03	8.956E+02	-7.298E-01
292	1	16	3.149E-01	-2.671E-01	7.190E-01	2.933E+03	2.526E+03	-1.823E+03	7.995E-01	-7.518E-01	5.931E-01	4.564E+03	8.948E+02	-7.298E-01
292	2	1	1.503E-01	-1.636E+00	2.947E-01	3.377E+02	1.710E+03	-1.114E+03	1.977E-01	-1.683E+00	1.594E-01	2.332E+03	-2.842E+02	2.080E+00
292	2	2	1.501E-01	-1.639E+00	2.964E-01	3.378E+02	1.710E+03	-1.113E+03	1.980E-01	-1.687E+00	1.600E-01	2.332E+03	-2.839E+02	2.080E+00
292	2	3	2.278E-01	-1.861E+00	3.861E-01	3.186E+02	1.645E+03	-1.077E+03	2.969E-01	-1.930E+00	1.771E-01	2.247E+03	-2.829E+02	2.080E+00
292	2	4	2.276E-01	-1.864E+00	3.878E-01	3.187E+02	1.645E+03	-1.077E+03	2.972E-01	-1.933E+00	1.776E-01	2.246E+03	-2.826E+02	2.080E+00
292	2	5	1.504E-01	-1.640E+00	2.968E-01	3.377E+02	1.709E+03	-1.113E+03	1.983E-01	-1.687E+00	1.601E-01	2.331E+03	-2.838E+02	2.080E+00
292	2	6	1.502E-01	-1.643E+00	2.985E-01	3.377E+02	1.709E+03	-1.113E+03	1.986E-01	-1.691E+00	1.607E-01	2.330E+03	-2.835E+02	2.080E+00
292	2	7	2.279E-01	-1.864E+00	3.882E-01	3.186E+02	1.644E+03	-1.076E+03	2.976E-01	-1.934E+00	1.777E-01	2.246E+03	-2.825E+02	2.080E+00
292	2	8	2.277E-01	-1.868E+00	3.899E-01	3.187E+02	1.644E+03	-1.076E+03	2.979E-01	-1.938E+00	1.782E-01	2.245E+03	-2.822E+02	2.080E+00
292	2	9	-8.299E-02	-5.337E-01	8.473E-01	4.957E+02	2.063E+03	-1.330E+03	5.684E-01	-1.185E+00	6.554E-01	2.824E+03	-2.645E+02	2.090E+00
292	2	10	-8.319E-02	-5.369E-01	8.490E-01	4.958E+02	2.063E+03	-1.330E+03	5.688E-01	-1.189E+00	6.549E-01	2.823E+03	-2.642E+02	2.090E+00
292	2	11	-5.513E-03	-7.587E-01	9.387E-01	4.766E+02	1.999E+03	-1.294E+03	6.294E-01	-1.394E+00	5.947E-01	2.739E+03	-2.633E+02	2.090E+00
292	2	12	-5.712E-03	-7.618E-01	9.404E-01	4.767E+02	1.998E+03	-1.293E+03	6.298E-01	-1.397E+00	5.943E-01	2.738E+03	-2.630E+02	2.090E+00
292	2	13	-8.291E-02	-5.377E-01	8.494E-01	4.956E+02	2.063E+03	-1.330E+03	5.690E-01	-1.190E+00	6.546E-01	2.822E+03	-2.641E+02	2.090E+00
292	2	14	-8.311E-02	-5.408E-01	8.511E-01	4.957E+02	2.063E+03	-1.329E+03	5.694E-01	-1.193E+00	6.541E-01	2.822E+03	-2.638E+02	2.090E+00
292	2	15	-5.437E-03	-7.626E-01	9.409E-01	4.766E+02	1.998E+03	-1.293E+03	6.302E-01	-1.398E+00	5.941E-01	2.737E+03	-2.628E+02	2.090E+00
292	2	16	-5.636E-03	-7.658E-01	9.426E-01	4.766E+02	1.998E+03	-1.293E+03	6.306E-01	-1.402E+00	5.938E-01	2.737E+03	-2.626E+02	2.090E+00
292	3	1	-1.469E+00	-2.537E-02	6.774E-01	1.973E+03	5.091E+02	-1.067E+03	2.427E-01	-1.737E+00	1.194E+00	2.535E+03	-5.289E+01	-4.848E-01
292	3	2	-1.472E+00	-2.569E-02	6.788E-01	1.972E+03	5.090E+02	-1.067E+03	2.430E-01	-1.741E+00	1.194E+00	2.534E+03	-5.296E+01	-4.848E-01
292	3	3	-1.728E+00	-9.921E-03	7.755E-01	1.931E+03	5.179E+02	-1.044E+03	2.883E-01	-2.026E+00	1.204E+00	2.485E+03	-3.653E+01	-4.880E-01

292	3	4	-1.731E+00	-1.024E-02	7.770E-01	1.930E+03	5.178E+02	-1.044E+03	2.886E-01	-2.030E+00	1.204E+00	2.484E+03	-3.660E+01	-4.881E-01
292	3	5	-1.473E+00	-2.578E-02	6.792E-01	1.972E+03	5.089E+02	-1.066E+03	2.431E-01	-1.742E+00	1.194E+00	2.533E+03	-5.289E+01	-4.849E-01
292	3	6	-1.476E+00	-2.610E-02	6.807E-01	1.971E+03	5.088E+02	-1.066E+03	2.434E-01	-1.746E+00	1.194E+00	2.532E+03	-5.295E+01	-4.849E-01
292	3	7	-1.732E+00	-1.033E-02	7.773E-01	1.929E+03	5.177E+02	-1.044E+03	2.887E-01	-2.031E+00	1.204E+00	2.483E+03	-3.653E+01	-4.882E-01
292	3	8	-1.735E+00	-1.065E-02	7.788E-01	1.928E+03	5.176E+02	-1.043E+03	2.890E-01	-2.034E+00	1.203E+00	2.482E+03	-3.659E+01	-4.882E-01
292	3	9	-4.281E-01	-5.343E-02	2.146E-01	1.700E+03	3.968E+02	-1.158E+03	4.411E-02	-5.256E-01	1.144E+00	2.377E+03	-2.803E+02	-5.292E-01
292	3	10	-4.312E-01	-5.374E-02	2.161E-01	1.699E+03	3.967E+02	-1.158E+03	4.440E-02	-5.293E-01	1.144E+00	2.376E+03	-2.804E+02	-5.293E-01
292	3	11	-6.868E-01	-3.797E-02	3.127E-01	1.657E+03	4.056E+02	-1.135E+03	8.821E-02	-8.130E-01	1.187E+00	2.328E+03	-2.649E+02	-5.335E-01
292	3	12	-6.899E-01	-3.829E-02	3.142E-01	1.656E+03	4.055E+02	-1.135E+03	8.850E-02	-8.167E-01	1.187E+00	2.327E+03	-2.650E+02	-5.336E-01
292	3	13	-4.317E-01	-5.383E-02	2.164E-01	1.698E+03	3.967E+02	-1.157E+03	4.453E-02	-5.301E-01	1.144E+00	2.375E+03	-2.804E+02	-5.293E-01
292	3	14	-4.349E-01	-5.415E-02	2.179E-01	1.697E+03	3.965E+02	-1.157E+03	4.482E-02	-5.338E-01	1.144E+00	2.374E+03	-2.804E+02	-5.294E-01
292	3	15	-6.905E-01	-3.838E-02	3.145E-01	1.656E+03	4.054E+02	-1.135E+03	8.862E-02	-8.175E-01	1.187E+00	2.326E+03	-2.649E+02	-5.336E-01
292	3	16	-6.936E-01	-3.870E-02	3.160E-01	1.655E+03	4.053E+02	-1.134E+03	8.891E-02	-8.212E-01	1.187E+00	2.325E+03	-2.650E+02	-5.337E-01
292	4	1	-2.353E-01	3.164E-01	1.359E+00	3.485E+03	1.619E+03	-8.953E+02	1.428E+00	-1.347E+00	8.855E-01	3.845E+03	1.259E+03	-3.824E-01
292	4	2	-2.369E-01	3.178E-01	1.362E+00	3.484E+03	1.618E+03	-8.948E+02	1.430E+00	-1.350E+00	8.858E-01	3.843E+03	1.258E+03	-3.823E-01
292	4	3	-2.590E-01	4.338E-01	1.576E+00	3.381E+03	1.587E+03	-9.091E+02	1.701E+00	-1.526E+00	8.936E-01	3.762E+03	1.207E+03	-3.960E-01
292	4	4	-2.606E-01	4.353E-01	1.579E+00	3.380E+03	1.586E+03	-9.085E+02	1.704E+00	-1.529E+00	8.939E-01	3.760E+03	1.207E+03	-3.960E-01
292	4	5	-2.369E-01	3.181E-01	1.363E+00	3.483E+03	1.618E+03	-8.942E+02	1.431E+00	-1.350E+00	8.859E-01	3.842E+03	1.258E+03	-3.822E-01
292	4	6	-2.385E-01	3.195E-01	1.365E+00	3.481E+03	1.617E+03	-8.937E+02	1.434E+00	-1.353E+00	8.862E-01	3.840E+03	1.258E+03	-3.821E-01
292	4	7	-2.607E-01	4.356E-01	1.579E+00	3.379E+03	1.586E+03	-9.080E+02	1.705E+00	-1.530E+00	8.939E-01	3.758E+03	1.206E+03	-3.959E-01
292	4	8	-2.622E-01	4.370E-01	1.582E+00	3.377E+03	1.585E+03	-9.074E+02	1.708E+00	-1.533E+00	8.941E-01	3.757E+03	1.206E+03	-3.958E-01
292	4	9	-7.251E-01	9.924E-01	4.186E-01	3.942E+03	1.275E+03	-6.697E+02	1.089E+00	-8.217E-01	1.344E+00	4.101E+03	1.116E+03	-2.327E-01
292	4	10	-7.266E-01	9.938E-01	4.213E-01	3.941E+03	1.274E+03	-6.691E+02	1.091E+00	-8.243E-01	1.343E+00	4.099E+03	1.115E+03	-2.325E-01
292	4	11	-7.488E-01	1.110E+00	6.353E-01	3.838E+03	1.243E+03	-6.835E+02	1.306E+00	-9.451E-01	1.271E+00	4.007E+03	1.074E+03	-2.424E-01
292	4	12	-7.503E-01	1.111E+00	6.379E-01	3.837E+03	1.242E+03	-6.829E+02	1.309E+00	-9.480E-01	1.270E+00	4.006E+03	1.073E+03	-2.422E-01
292	4	13	-7.267E-01	9.942E-01	4.220E-01	3.940E+03	1.273E+03	-6.686E+02	1.092E+00	-8.246E-01	1.343E+00	4.098E+03	1.115E+03	-2.324E-01
292	4	14	-7.282E-01	9.956E-01	4.247E-01	3.938E+03	1.272E+03	-6.680E+02	1.095E+00	-8.272E-01	1.342E+00	4.096E+03	1.114E+03	-2.323E-01
292	4	15	-7.504E-01	1.112E+00	6.387E-01	3.836E+03	1.242E+03	-6.824E+02	1.310E+00	-9.484E-01	1.270E+00	4.004E+03	1.073E+03	-2.421E-01
292	4	16	-7.519E-01	1.113E+00	6.413E-01	3.835E+03	1.241E+03	-6.818E+02	1.312E+00	-9.512E-01	1.270E+00	4.003E+03	1.072E+03	-2.420E-01

