

Cr oxide coated woodland camouflage textiles for protection of defense target signature in UV-Visible-IR spectrum opposing of hyperspectral and digital imaging

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Table SI 9, absorption value of PA 6,6-Sample-02, scanned by hyperspectral camera at 1300 nm

ObsID 1	1	2	3	4	5	6	7	8	9
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0
32	0	0	0	0	0	0	0	0	0
33	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0
35	0	0	0	0	0	0	0	0	0
36	0	0	0	0	0	0	0	0	0
37	0	0	0	0	0	0	0	0	0

38	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0
40	0	0	0	0	0	0	0	0	0
41	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0
43	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0
58	0	0	0	0	0	0	0	0	0
59	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0
61	0	0	0	0	0	0	0	0	0
62	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0
65	0	0	0	0	0	0	0	0	0
66	0	0	0	0	0	0	0	0	0
67	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0
77	0	0	0	0	0	0	0	0	0
78	0	0	0	0	0	0	0	0	0
79	0	0	0	0	0	0	0	0	0
80	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
82	0	0	0	0	0	0	0	0	0
83	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0

85	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0
87	0	0	0	0	0	0	0	0	0
88	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0
91	0	0	0	0	0	0	0	0	0
92	0	0	0	0	0	0	0	0	0
93	0	0	0	0	0	0	0	0	0
94	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0
96	0	0	0	0	0	0	0	0	0
97	0	0	0	0	0	0	0	0	0
98	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0
101	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0
103	0	0	0	0	0	0	0	0	0
104	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0
106	0	0	0	0	0	0	0	0	0
107	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0
109	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0
112	0	0	0	0	0	0	0	0	0
113	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0
116	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0
118	0	0	0	0	0	0	0	0	0
119	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0
121	0	0	0	0	0	0	0	0	0
122	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0
124	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0
127	0	0	0	0	0	0	0	0	0
128	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0
131	0	0	0	0	0	0	0	0	0

132	0	0	0	0	0	0	0	0	0
133	0	0	0	0	0	0	0	0	0
134	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0
136	0	0	0	0	0	0	0	0	0
137	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0
139	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0
142	0	0	0	0	0	0	0	0	0
143	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0
146	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0
148	0	0	0	0	0	0	0	0	0
149	0	0	0	0	0	0	0	0	0
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155	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0
157	0	0	0	0	0	0	0	0	0
158	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0
161	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0
163	0	0	0	0	0	0	0	0	0
164	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0
166	0	0	0	0	0	0	0	0	0
167	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0
169	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0
172	0	0	0	0	0	0	0	0	0
173	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0
176	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0
178	0	0	0	0	0	0	0	0	0

179	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0
181	0	0	0	0	0	0	0	0	0
182	0	0	0	0	0	0	0	0	0
183	0	0	0	0	0	0	0	0	0
184	0	0	0	0	0	0	0	0	0
185	0	0	0	0	0	0	0	0	0
186	0	0	0	0	0	0	0	0	0
187	0	0	0	0	0	0	0	0	0
188	0	0	0	0	0	0	0	0	0
189	0	0	0	0	0	0	0	0	0
190	0	0	0	0	0	0	0	0	0
191	0	0	0	0	0	0	0	0	0
192	0	0	0	0	0	0	0	0	0
193	0	0	0	0	0	0	0	0	0
194	0	0	0	0	0	0	0	0	0
195	0	0	0	0	0	0	0	0	0
196	0	0	0	0	0	0	0	0	0
197	0	0	0	0	0	0	0	0	0
198	0	0	0	0	0	0	0	0	0
199	0	0	0	0	0	0	0	0	0
200	0	0	0	0	0	0	0	0	0
201	0	0	0	0	0	0	0	0	0
202	0	0	0	0	0	0	0	0	0
203	0	0	0	0	0	0	0	0	0
204	0	0	0	0	0	0	0	0	0
205	0	0	0	0	0	0	0	0	0
206	0	0	0	0	0	0	0	0	0
207	0	0	0	0	0	0	0	0	0.22458
208	0	0	0	0	0	0	0	0	1.588414
209	0	0	0	0	0	0	0	0	1.248554
210	0	0	0	0	0	0	0	0	1.227118
211	0	0	0	0	0	0	0	0	0.93707
212	0	0	0	0	0	0	0	0	0.700154
213	0	0	0	0	0	0	0	0	0.59932
214	0	0	0	0	0	0	0	0	0.591079
215	0	0	0	0	0	0	0	0	0.605443
216	0	0	0	0	0	0	0	0	0.596704
217	0	0	0	0	0	0	0	0	0.531276
218	0	0	0	0	0	0	0	0	0.420588
219	0	0	0	0	0	0	0	0.188407	0.376815
220	0	0	0	0	0	0	0	1.378031	0.382061
221	0	0	0	0	0	0	0	1.006206	0.34329
222	0	0	0	0	0	0	0	0.855131	0.312069
223	0	0	0	0	0	0	0	0.880907	0.338349
224	0	0	0	0	0	0	0	0.886903	0.324262
225	0	0	0	0	0	0	0	0.688185	0.284242

226	0	0	0	0	0	0	0	0.591458	0.284676
227	0	0	0	0	0	0	0	0.726086	0.271602
228	0	0	0	0	0	0	0	0.687575	0.236469
229	0	0	0	0	0	0	0.217097	0.508693	0.239505
230	0	0	0	0	0	0	2.078311	0.434194	0.249284
231	0	0	0	0	0	0	2.13131	0.508642	0.265892
232	0	0	0	0	0	0	0.539022	0.615534	0.235056
233	0	0	0	0	0	0	1.727752	0.569401	0.184503
234	0	0	0	0	0	0	1.565967	0.539368	0.200709
235	0	0	0	0	0	0	1.365844	0.464291	0.187616
236	0	0	0	0	0	0	0.953989	0.324042	0.161788
237	0	0	0	0	0	0.399313	0.819899	0.292786	0.175004
238	0	0	0	0	0	1.52283	0.798625	0.342569	0.194138
239	0	0	0	0	0	1.218656	0.734297	0.371912	0.183888
240	0	0	0	0	0	1.251	0.690834	0.349239	0.141137
241	0	0	0	0	0.505539	1.148911	0.713345	0.303083	0.125468
242	0	0	0	0	1.621508	1.011077	0.635744	0.262681	0.098953
243	0	0	0	0	1.483305	0.920464	0.533853	0.22601	0.096775
244	0	0	0	0	1.190143	0.694492	0.444461	0.20761	0.149939
245	0	0	0	0	0.940735	0.64138	0.428914	0.221813	0.138051
246	0	0	0	0	1.010569	0.752458	0.438967	0.219911	0.100817
247	0	0	0	0	1.021916	0.783697	0.480953	0.2463	0.10367
248	0	0	0	0	0.672757	0.757864	0.569871	0.250686	0.103629
249	0	0	0	0	0.604427	0.788419	0.623116	0.201887	0.099398
250	0	0	0	0	0.761518	0.810434	0.569514	0.199971	0.142723
251	0	0	0	0.196443	0.548744	0.596599	0.524693	0.242395	0.185069
252	0	0	0	1.948798	0.392885	0.445515	0.459891	0.260878	0.161134
253	0	0	0	1.817442	0.519869	0.513757	0.352468	0.231688	0.124502
254	0	0	0	1.543715	0.625691	0.612336	0.333066	0.198657	0.126415
255	0	0	0	1.123553	0.447768	0.571334	0.380636	0.189231	0.11481
256	0	0	0	0.824021	0.387988	0.5368	0.3908	0.173813	0.083128
257	0	0	0	0.678369	0.432621	0.542995	0.381599	0.169811	0.095328
258	0	0	0.193667	0.460536	0.350065	0.514968	0.357658	0.159557	0.111592
259	0	0	1.566117	0.387334	0.293519	0.449395	0.309597	0.155997	0.123859
260	0	0	1.535722	0.488326	0.372517	0.503473	0.330486	0.158021	0.121084
261	0	0	1.602661	0.413402	0.376209	0.603006	0.360258	0.129073	0.123046
262	0	0	1.577553	0.352127	0.362514	0.562896	0.352035	0.177805	0.125081
263	0	0	1.659908	0.441894	0.463743	0.547857	0.382603	0.214076	0.077164
264	0	0	1.451409	0.430794	0.485803	0.649709	0.370027	0.151711	0.062974
265	0	0	1.353413	0.420182	0.49105	0.699138	0.355473	0.146411	0.095148
266	0	0	1.720744	0.540604	0.562787	0.64663	0.336495	0.184989	0.124824
267	0	0	1.404334	0.585336	0.565734	0.583443	0.334933	0.207736	0.132008
268	0	0	0.993907	0.483242	0.555333	0.598575	0.370967	0.209433	0.079362
269	0	0	1.048953	0.529109	0.615559	0.578779	0.339426	0.183791	0.073678
270	0	0	1.278688	0.56889	0.619959	0.596408	0.330178	0.150114	0.119025
271	0	0	1.309482	0.453056	0.607867	0.671902	0.316382	0.139488	0.141093
272	0	0	1.372766	0.490117	0.684102	0.658421	0.259897	0.15018	0.136946

273	0	0	1.542983	0.641382	0.79649	0.613524	0.238372	0.122045	0.09583
274	0	0	1.786551	0.659187	0.812266	0.596789	0.227064	0.113905	0.086436
275	0	0	0.317431	0.634862	0.758189	0.46829	0.22972	0.165111	0.109349
276	0	0	0.476147	0.674083	0.743874	0.368429	0.2493	0.149627	0.095368
277	0	0	1.532411	0.641664	0.778459	0.433161	0.214884	0.073767	0.094107
278	0	0	1.154062	0.644572	0.7135	0.462413	0.200894	0.071693	0.105206
279	0	0	1.211001	0.70403	0.641594	0.396269	0.174557	0.068471	0.062844
280	0	0	1.131648	0.580091	0.627528	0.34163	0.144398	0.062859	0.056618
281	0	0	0.99678	0.579662	0.669741	0.362861	0.173337	0.114252	0.094607
282	0	0	1.121287	0.773131	0.647979	0.336533	0.174676	0.148104	0.082563
283	0	0	1.255708	0.887736	0.573009	0.289544	0.17506	0.121423	0.069255
284	0	0	1.256873	1.044763	0.623795	0.318026	0.14898	0.087939	0.083304
285	0	0	1.458305	1.167505	0.706657	0.304379	0.122249	0.10404	0.051222
286	0	0	1.391033	1.068463	0.654097	0.251579	0.102553	0.107056	0.028424
287	0	0	1.280531	1.043157	0.582125	0.201373	0.090585	0.10396	0.03672
288	0	0	1.27533	1.000599	0.496763	0.214973	0.111512	0.111003	0.037193
289	0	0	1.126869	0.81193	0.335414	0.227052	0.146458	0.082961	0.039233
290	0	0	0.943074	0.694348	0.324657	0.262197	0.093954	0.01305	0.064261
291	0	0	0.787313	0.709118	0.366159	0.263465	0.028571	0.01123	0.071926
292	0	0	0.728507	0.685659	0.353679	0.190128	0.053052	0.067135	0.047237
293	0	0	0.790189	0.705501	0.333193	0.140712	0.073705	0.079449	0.032899
294	0	0	1.000963	0.771413	0.296658	0.152743	0.093556	0.076356	0.035705
295	0	0	0.890494	0.769227	0.332501	0.192905	0.139598	0.087575	0.038071
296	0	0	0.683364	0.750668	0.363738	0.210322	0.135595	0.056907	0.028063
297	0	0	0.740056	0.804155	0.401672	0.249	0.092504	0.0522	0.006616
298	0	0.370028	0.878866	0.84733	0.426871	0.241495	0.071376	0.089573	0.030682
299	0	2.151911	0.766185	0.763014	0.385755	0.132704	0.060355	0.067958	0.030492
300	0	2.379365	0.715243	0.650806	0.294404	0.077775	0.003519	0.014068	-0.00509
301	0	0.647289	0.660035	0.611103	0.278184	0.092586	0.0204	0.012985	-0.04031
302	0	2.325377	0.634544	0.62995	0.259878	0.087455	0.048173	-0.00518	-0.03686
303	0	0.621226	0.697602	0.609328	0.191014	0.105448	0.061609	-0.02142	-0.02129
304	0	2.11913	0.607909	0.556691	0.182269	0.147352	0.046601	-0.0048	-0.0155
305	1.346486	1.346486	0.601546	0.6058	0.271255	0.174088	0.026029	0.017773	-0.01362
306	1.346486	1.844481	0.760107	0.685112	0.3133	0.149959	0.028828	0.017154	-0.00524
307	0	0.759597	0.782789	0.621435	0.264464	0.108683	0.003519	-0.02332	-2.77E-04
308	0	0.347039	0.759087	0.57588	0.271015	0.105839	0.02799	9.04E-04	0.022161
309	0	0.173519	0.694078	0.616872	0.279834	0.133295	0.098373	0.030509	0.013189
310	0	0.08676	0.612578	0.596211	0.236262	0.120655	0.096588	-0.00129	0.003667
311	0	0.04338	0.634058	0.546184	0.203057	0.113654	0.051751	0.010989	0.027377
312	0	0.02169	0.668223	0.550001	0.208608	0.127123	0.031094	0.033443	0.03779
313	0	0.010845	0.57142	0.557331	0.229938	0.108787	0.037423	0.034493	0.029009
314	0	0.005422	0.55635	0.522291	0.213285	0.101383	0.029771	0.061178	0.024046
315	0	0.229186	0.552533	0.492216	0.236622	0.097415	0.028451	0.080277	0.009174
316	0	2.342638	0.45295	0.480015	0.253694	0.11468	0.077385	0.064819	0.009289
317	1.308086	1.554966	0.464265	0.477054	0.229774	0.124263	0.086147	0.037318	0.019172
318	1.308086	1.308086	0.558797	0.480893	0.234107	0.130328	0.047029	0.035104	0.050932
319	0.855913	0.855913	0.496186	0.43719	0.257516	0.137274	0.05828	0.058732	0.075532

320	0.662501	0.601717	0.33887	0.388595	0.271705	0.14584	0.063701	0.054272	0.055995
321	0.662501	0.662501	0.327474	0.43719	0.269457	0.107465	0.045034	0.074529	0.03546
322	0.662501	0.888572	0.357168	0.481186	0.290339	0.099617	0.098031	0.097285	0.005767
323	0.888572	0.998254	0.355702	0.430837	0.300494	0.140355	0.15583	0.068068	-0.01443
324	0.998254	1.279454	0.390308	0.393876	0.304786	0.181116	0.124463	0.02278	0.036562
325	0.998254	1.147368	0.347761	0.377953	0.269816	0.219647	0.10526	0.036789	0.070257
326	0.777447	0.777447	0.200091	0.379535	0.288336	0.235195	0.101722	0.03655	0.048927
327	0.777447	0.695103	0.247323	0.476232	0.41388	0.233372	0.076371	0.027678	0.011317
328	0.777447	0.910534	0.461502	0.536258	0.432012	0.259671	0.098694	0.055409	-0.00225
329	0.910534	1.208279	0.482204	0.417137	0.467925	0.271664	0.128881	0.080465	0.020334
330	1.208279	1.630679	0.462109	0.35904	0.479164	0.240513	0.139709	0.072229	0.026606
331	1.208279	1.442747	0.398468	0.405987	0.43236	0.20554	0.116009	0.039062	0.040645
332	0.967349	0.967349	0.332059	0.422523	0.421832	0.206627	0.109693	0.026361	0.027703
333	0.967349	0.88783	0.386913	0.395196	0.433013	0.18283	0.077845	0.011471	9.34E-05
334	0.88783	0.985534	0.417621	0.328919	0.382912	0.145772	0.06799	0.037113	0.029233
335	0.877813	0.877813	0.351767	0.304931	0.355351	0.152331	0.0766	0.052129	0.066845
336	0.877813	0.849417	0.34848	0.39999	0.367094	0.154004	0.06919	0.0675	0.051005
337	0.877813	1.17424	0.408724	0.487087	0.370438	0.146719	0.065523	0.074622	7.70E-04
338	0.877813	1.511299	0.442323	0.538481	0.356008	0.140222	0.057438	0.020951	0.009783
339	0	0.450146	0.509329	0.529327	0.347302	0.170115	0.089777	7.16E-04	0.033177
340	0	0.195988	0.457968	0.390058	0.304008	0.189828	0.102898	0.034764	0.02894
341	0	0.097994	0.391976	0.359224	0.271946	0.174978	0.088105	0.048839	0.01382
342	0	0.048997	0.540552	0.504049	0.293361	0.161809	0.075493	0.028547	0.009948
343	0	0.024498	0.77967	0.53377	0.319495	0.137628	0.043827	0.03302	0.024744
344	0	0.012249	0.782203	0.420947	0.349669	0.11286	0.077251	0.077422	0.019626
345	0	0.006125	0.796808	0.414867	0.38435	0.134281	0.142325	0.084158	0.0058
346	0	0.003062	0.894778	0.477296	0.432447	0.150187	0.165667	0.081939	0.028218
347	0	0.001531	0.853962	0.381083	0.376133	0.154555	0.150654	0.085949	0.043234
348	0	7.66E-04	0.779184	0.332858	0.374912	0.163308	0.138914	0.067336	0.036913
349	0	3.83E-04	0.734506	0.38221	0.438229	0.191027	0.148325	0.046391	0.050552
350	0	1.91E-04	0.692645	0.394996	0.523449	0.260991	0.136077	0.061214	0.061581
351	0	9.57E-05	0.677336	0.428928	0.552972	0.280973	0.081599	0.070181	0.034901
352	0	4.78E-05	0.866592	0.510167	0.515686	0.209122	0.066456	0.034306	-0.00743
353	0	2.39E-05	1.189513	0.5252	0.503372	0.152606	0.104057	0.060367	-0.0114
354	0	0	1.462497	0.54806	0.51537	0.197727	0.138583	0.08511	-0.01569
355	0	0	0.27403	0.644501	0.534479	0.217038	0.121083	0.052712	-0.02433
356	0	0	0.137015	0.67355	0.510083	0.128182	0.104037	0.033358	0.002759
357	0	0	0.068507	0.713516	0.511804	0.158503	0.109198	0.02925	0.015869
358	0	0	0.034254	0.824344	0.565793	0.220502	0.078516	0.05197	0.020571
359	0	0	0.017127	0.855462	0.553777	0.206187	0.032473	0.072266	0.002775
360	0	0	0.008563	0.804053	0.552055	0.209696	0.051462	0.109791	0.011185
361	0	0	0.004282	0.776203	0.57325	0.217383	0.087948	0.104398	0.020351
362	0	0	0.002141	0.798034	0.572348	0.248087	0.108107	0.067702	-0.00519
363	0	0	0.00107	0.852696	0.572168	0.270492	0.109507	0.044287	0.008385
364	0	0	5.35E-04	1.021442	0.645201	0.300244	0.091356	0.044999	0.025324
365	0	0	2.68E-04	1.181484	0.767217	0.367302	0.112549	0.059576	0.050191
366	0	0	0	2.016951	0.807184	0.37251	0.086851	0.04047	0.041689

367	0	0	0	0.403592	0.932264	0.35364	0.054086	0.068031	0.014169
368	0	0	0	0.201796	1.113621	0.336148	0.060208	0.097971	0.015469
369	0	0	0	0.100898	1.085917	0.356741	0.100024	0.08913	0.006306
370	0	0	0	0.050449	1.022762	0.377052	0.130999	0.077029	-0.01767
371	0	0	0	0.025224	1.027702	0.399005	0.150722	0.073359	-0.01402
372	0	0	0	0.012612	0.957315	0.417849	0.148461	0.05319	0.04686
373	0	0	0	0.006306	1.033393	0.420597	0.131845	0.050578	0.08805
374	0	0	0	0.003153	1.340739	0.40884	0.119899	0.06098	0.066263
375	0	0	0	0.001577	1.075274	0.332013	0.101783	0.082526	0.056857
376	0	0	0	7.88E-04	0.889971	0.324538	0.112383	0.10404	0.044106
377	0	0	0	3.94E-04	0.917526	0.382573	0.131671	0.090382	0.024403
378	0	0	0	1.97E-04	0.899048	0.435349	0.146683	0.072063	0.026469
379	0	0	0	9.85E-05	1.067131	0.535748	0.159354	0.050419	0.045392
380	0	0	0	4.93E-05	1.639352	0.607092	0.197876	0.073823	0.076108
381	0	0	0	0	2.270651	0.633692	0.20519	0.106876	0.107922
382	0	0	0	0	0.316846	0.656519	0.187242	0.116786	0.106541
383	0	0	0	0	0.158423	0.663511	0.224127	0.135425	0.075743
384	0	0	0	0	0.079212	0.697771	0.277476	0.158382	0.058493
385	0	0	0	0	0.039606	0.80898	0.296684	0.155414	0.057904
386	0	0	0	0	0.019803	0.877967	0.319414	0.158134	0.051802
387	0	0	0	0	0.009901	0.891927	0.333239	0.132545	0.041654
388	0	0	0	0	0.004951	1.037817	0.382062	0.112624	0.066526
389	0	0	0	0	0.002475	1.290324	0.429905	0.106956	0.109018
390	0	0	0	0	0.001238	1.091408	0.346912	0.123105	0.123302
391	0	0	0	0	6.19E-04	1.034666	0.361545	0.155818	0.113114
392	0	0	0	0	0	1.687209	0.471978	0.192269	0.128639
393	0	0	0	0	0	0.235989	0.537207	0.224904	0.122021
394	0	0	0	0	0	0.117994	0.53616	0.238037	0.080523
395	0	0	0	0	0	0.058997	0.560393	0.226458	0.081921
396	0	0	0	0	0	0.029499	0.613272	0.206248	0.12549
397	0	0	0	0	0	0.014749	0.464489	0.170042	0.161134
398	0	0	0	0	0	0.007375	0.435372	0.175476	0.160808
399	0	0	0	0	0	0.003687	0.69526	0.253149	0.168286
400	0	0	0	0	0	0.001844	0.893165	0.290028	0.121808
401	0	0	0	0	0	9.22E-04	0.881789	0.320161	0.110261
402	0	0	0	0	0	4.61E-04	1.052584	0.361489	0.127472
403	0	0	0	0	0	2.30E-04	1.136518	0.328959	0.119639
404	0	0	0	0	0	1.15E-04	0.927841	0.313855	0.13978
405	0	0	0	0	0	5.76E-05	1.215203	0.396966	0.176476
406	0	0	0	0	0	0	1.806365	0.42231	0.225967
407	0	0	0	0	0	0	0.211155	0.462788	0.263729
408	0	0	0	0	0	0	0.31377	0.477118	0.232738
409	0	0	0	0	0	0	2.496922	0.416385	0.174137
410	0	0	0	0	0	0	0.351765	0.362715	0.142924
411	0	0	0	0	0	0	1.135641	0.340814	0.140314
412	0	0	0	0	0	0	1.19793	0.419955	0.169593
413	0	0	0	0	0	0	0.209977	0.494033	0.179143

414	0	0	0	0	0	0	0.104989	0.561111	0.194138
415	0	0	0	0	0	0	0.052494	0.645433	0.235859
416	0	0	0	0	0	0	0.026247	0.714486	0.244706
417	0	0	0	0	0	0	0.013124	0.721277	0.214894
418	0	0	0	0	0	0	0.006562	0.645779	0.193359
419	0	0	0	0	0	0	0.003281	0.698703	0.205567
420	0	0	0	0	0	0	0.00164	0.777729	0.243661
421	0	0	0	0	0	0	8.20E-04	0.810789	0.315285
422	0	0	0	0	0	0	4.10E-04	0.865351	0.369779
423	0	0	0	0	0	0	2.05E-04	1.030554	0.411855
424	0	0	0	0	0	0	1.03E-04	0.836138	0.371859
425	0	0	0	0	0	0	5.13E-05	0.609883	0.353598
426	0	0	0	0	0	0	2.56E-05	0.617347	0.291679
427	0	0	0	0	0	0	1.28E-05	0.663965	0.26052
428	0	0	0	0	0	0	6.41E-06	0.533389	0.295192
429	0	0	0	0	0	0	3.20E-06	0.50728	0.31019
430	0	0	0	0	0	0	1.60E-06	0.751936	0.294462
431	0	0	0	0	0	0	8.01E-07	0.812922	0.236108
432	0	0	0	0	0	0	4.01E-07	0.630126	0.237358
433	0	0	0	0	0	0	2.00E-07	0.59207	0.271873
434	0	0	0	0	0	0	1.00E-07	0.697374	0.215634
435	0	0	0	0	0	0	5.01E-08	0.58388	0.178341
436	0	0	0	0	0	0	2.50E-08	0.513623	0.261724
437	0	0	0	0	0	0	1.25E-08	0.677394	0.354981
438	0	0	0	0	0	0	6.26E-09	0.790111	0.325862
439	0	0	0	0	0	0	3.13E-09	0.699957	0.286043
440	0	0	0	0	0	0	1.56E-09	0.867424	0.327536
441	0	0	0	0	0	0	7.82E-10	1.20783	0.324058
442	0	0	0	0	0	0	3.91E-10	1.013902	0.318827
443	0	0	0	0	0	0	1.96E-10	0.951203	0.353598
444	0	0	0	0	0	0	9.78E-11	0.983755	0.343503
445	0	0	0	0	0	0	4.89E-11	0.800278	0.268902
446	0	0	0	0	0	0	2.44E-11	0.819799	0.295255
447	0	0	0	0	0	0	1.22E-11	1.075492	0.351965
448	0	0	0	0	0	0	6.11E-12	1.160003	0.297134
449	0	0	0	0	0	0	3.06E-12	0.961976	0.252815
450	0	0	0	0	0	0	1.53E-12	0.876052	0.281094
451	0	0	0	0	0	0	7.64E-13	0.969796	0.303047
452	0	0	0	0	0	0	3.82E-13	1.101415	0.327912
453	0	0	0	0	0	0	1.91E-13	1.088548	0.341024
454	0	0	0	0	0	0	9.55E-14	1.148826	0.362187
455	0	0	0	0	0	0	0	1.59965	0.335516
456	0	0	0	0	0	0	0	0.163426	0.326852
457	0	0	0	0	0	0	0	0.081713	0.411939
458	0	0	0	0	0	0	0	0.040856	0.475051
459	0	0	0	0	0	0	0	0.020428	0.416242
460	0	0	0	0	0	0	0	0.010214	0.371063

461	0	0	0	0	0	0	0	0.005107	0.421055
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463	0	0	0	0	0	0	0	0.001277	0.462915
464	0	0	0	0	0	0	0	6.38E-04	0.497647
465	0	0	0	0	0	0	0	3.19E-04	0.625094
466	0	0	0	0	0	0	0	1.60E-04	0.795657
467	0	0	0	0	0	0	0	7.98E-05	0.887124
468	0	0	0	0	0	0	0	3.99E-05	1.048395
469	0	0	0	0	0	0	0	1.99E-05	0.95426
470	0	0	0	0	0	0	0	9.97E-06	0.708879
471	0	0	0	0	0	0	0	4.99E-06	0.745554
472	0	0	0	0	0	0	0	2.49E-06	1.012483
473	0	0	0	0	0	0	0	1.25E-06	1.133636
474	0	0	0	0	0	0	0	0	1.609515
475	0	0	0	0	0	0	0	0	0.121113
476	0	0	0	0	0	0	0	0	0.060557
477	0	0	0	0	0	0	0	0	0.030278
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482	0	0	0	0	0	0	0	0	9.46E-04
483	0	0	0	0	0	0	0	0	4.73E-04
484	0	0	0	0	0	0	0	0	2.37E-04
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531	0	0	0	0	0	0	0	0	0
532	0	0	0	0	0	0	0	0	0
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537	0	0	0	0	0	0	0	0	0
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539	0	0	0	0	0	0	0	0	0
540	0	0	0	0	0	0	0	0	0
541	0	0	0	0	0	0	0	0	0
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613	0	0	0	0	0	0	0	0	0
614	0	0	0	0	0	0	0	0	0
615	0	0	0	0	0	0	0	0	0
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617	0	0	0	0	0	0	0	0	0
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663	0	0	0	0	0	0	0	0	0
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681	0	0	0	0	0	0	0	3.849547	0.74323
682	0	0	0	0	0	0	2.201768	0.660366	0.340001
683	0	0	0	0	0	0.200766	0.633327	0.326361	0.145933
684	0	0	0	0	0	1.703171	0.401532	0.182096	0.106356
685	0	0	0	0	0	0.163314	0.326628	0.102549	0.082466
686	0	0	0	0	0	0.081657	0.396352	0.104957	0.067559
687	0	0	0	0	0	0	0.768174	0.261335	0.10216
688	0	0	0	0	0	0	0	0.713999	0.217516
689	0	0	0	0	0	0	0	0.108758	0.382877
690	0	0	0	0	0	0	0	0	0.791553
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695	0	0	0	0	0	0	0	0	0

696	0	0	0	0	0	0	0	0	0
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713	0	0	0	0	0	0	0	0	0
714	0	0	0	0	0	0	0	0	0
715	0	0	0	0	0	0	0	0	0
716	0	0	0	0	0	0	0	0	0
717	0	0	0	0	0	0	0	0	0

[illegible]

0	0	0	0	0	0.542596	0.377384	0.114605	-0.0396	-0.09117
0	0	0	0	0	0.536308	0.335552	0.085277	-0.00917	-0.08373
0	0	0	0	0	0.500272	0.305841	0.108631	0.01707	-0.08952
0	0	0	0	0	0.457371	0.351099	0.131211	-0.01818	-0.12443
0	0	0	0	0	0.491711	0.386147	0.139027	-0.05097	-0.1144
0	0	0	0	0	0.476156	0.376773	0.161451	-0.02065	-0.1267
0	0	0	0	0.213276	0.441078	0.306944	0.189209	-0.03458	-0.11355
0	0	0	0	2.096437	0.426553	0.285607	0.146234	-0.06155	-0.08547
0	0	0	0	0.213276	0.469836	0.394017	0.16951	-0.03947	-0.0927
0	0	0	0	0.341556	0.475569	0.474689	0.191514	-0.01868	-0.0803
0	0	0	0	1.341294	0.499496	0.481775	0.150128	-0.03961	-0.08545
0	0	0	0	2.541951	0.553577	0.433308	0.092832	-0.02456	-0.06263
0	0	0	0	0.276789	0.581996	0.42355	0.099425	-0.00536	-0.08568
0	0	0	0	0.138394	0.727534	0.446728	0.052989	-0.01064	-0.09552
0	0	0	0	0.069197	0.656526	0.41559	0.057264	-0.02422	-0.09232
0	0	0	0	0.034599	0.556631	0.381685	0.106261	-0.04761	-0.0773
0	0	0	0	0.017299	0.618139	0.396646	0.164675	-0.06981	-0.09904
0	0	0	0	0.00865	0.712002	0.393382	0.168016	-0.04748	-0.08001
0	0	0	0	0.004325	0.797327	0.394335	0.21693	-0.00391	-0.05088
0	0	0	0	0.002162	0.867671	0.422659	0.32554	0.085578	-0.0336
0	0	0	0	0.001081	0.759335	0.424742	0.387815	0.139923	-0.03676
0	0	0	0	5.41E-04	0.659504	0.434701	0.380004	0.07457	-0.06559
0	0	0	0	2.70E-04	0.66115	0.422108	0.360705	0.018008	-0.07419
0	0	0	0	1.35E-04	0.599464	0.300813	0.296097	0.029717	-0.06803
0	0	0	0	6.76E-05	0.74012	0.320845	0.292607	0.023414	-0.06667
0	0	0	0	0	1.485909	0.489968	0.332764	0.00815	-0.06608
0	0	0	0	0	0.244984	0.719439	0.346809	0.085385	-0.06977
0	0	0	0	0	0.122492	0.966379	0.400399	0.106261	-0.06334
0	0	0	0	0	0.061246	1.356379	0.461088	0.086175	-0.05898
0	0	0	0	0	0.030623	1.224547	0.414672	0.043617	-0.07519
0	0	0	0	0	0.015312	1.034671	0.308826	0.055598	-0.06692
0	0	0	0	0	0.007656	0.959754	0.258425	0.054504	-0.07065
0	0	0	0	0	0.003828	1.030181	0.25943	0.072921	-0.04748
0	0	0	0	0	0.001914	1.083493	0.297821	0.080239	-0.07864
0	0	0	0	0	9.57E-04	1.011022	0.304786	0.020206	-0.09233
0	0	0	0	0	4.78E-04	0.952367	0.222255	-0.01358	-0.06248
0	0	0	0	0	2.39E-04	0.909068	0.225513	0.01918	-0.05811
0	0	0	0	0	1.20E-04	0.974918	0.28565	-0.02379	-0.06784
0	0	0	0	0	5.98E-05	0.857636	0.19818	-0.00438	-0.04145
0	0	0	0	0	2.99E-05	0.883693	0.187647	0.046863	-0.02256
0	0	0	0	0	1.50E-05	1.252009	0.271351	0.01153	-0.05111
0	0	0	0	0	7.48E-06	1.571559	0.310731	-0.01442	-0.09038
0	0	0	0	0	3.74E-06	1.647089	0.294723	0.017168	-0.09063
0	0	0	0	0	0	2.28467	0.311346	0.031057	-0.12261
0	0	0	0	0	0	0.099427	0.276404	-0.02254	-0.11525
0	0	0	0	0	0	0.149141	0.198854	-0.02388	-0.07816
0	0	0	0	0	0	2.010181	0.214072	0.001801	-0.07688

0	0	0	0	0	0	1.520851	0.230568	0.009926	-0.095
0	0	0	0	0	0	1.309155	0.224292	0.024935	-0.08839
0	0	0	0	0	0	1.400413	0.2317	0.026059	-0.08919
0	0	0	0	0	0	1.269837	0.186722	-0.00535	-0.07869
0	0	0	0	0	0	1.146518	0.164952	0.016002	-0.0537
0	0	0	0	0	0	1.293124	0.210538	0.040794	-0.06176
0	0	0	0	0	0	1.910876	0.287762	0.049992	-0.0686
0	0	0	0	0	0	1.99566	0.363399	0.082661	-0.05147
0	0	0	0	0	0	0.166229	0.406649	0.095176	-0.03201
0	0	0	0	0	0	0.083114	0.332458	0.061843	-0.00596
0	0	0	0	0	0	0.041557	0.314272	0.058936	0.004185
0	0	0	0	0	0	0.020779	0.381144	0.074533	-0.01273
0	0	0	0	0	0	0.010389	0.361722	0.058682	-0.01581
0	0	0	0	0	0	0.146635	0.302272	0.021898	-0.03025
0	0	0	0	0	0	1.565035	0.28288	0.019659	-0.04396
0	0	0	0	0	0	1.050223	0.226658	0.033492	-0.05975
0	0	0	0	0	0	0.907122	0.177983	0.017827	-0.05032
0	0	0	0	0	0	0.844891	0.169369	0.021932	-0.01939
0	0	0	0	0	0	0.870886	0.168109	0.013369	-0.03039
0	0	0	0	0	0	1.065979	0.209358	0.048664	-0.00448
0	0	0	0	0	0	1.956245	0.280278	0.065541	-0.01204
0	0	0	0	0	0	3.678554	0.302209	0.02965	-0.02962
0	0	0	0	0	0	1.336799	0.256194	0.025958	0.010849
0	0	0	0	0	0	1.059314	0.225354	0.073408	-0.00974
0	0	0	0	0	0	0.889247	0.21358	0.074964	-0.053
0	0	0	0	0	0	0.913773	0.200759	0.04381	-0.03118
0	0	0	0	0	0	0.961805	0.182487	0.014218	-0.02799
0	0	0	0	0	0	0.845452	0.180756	0.00395	0.003053
0	0	0	0	0	0	0.853384	0.222361	0.034433	0.027783
0	0	0	0	0	0	0.976585	0.246291	0.017794	0.013076
0	0	0	0	0	0	0.852699	0.205532	-4.95E-04	-9.43E-04
0	0	0	0	0	0	0.757612	0.207441	0.055042	0.031747
0	0	0	0	0	0	0.794645	0.230246	0.094173	0.056143
0	0	0	0	0	0	0.727751	0.257623	0.104849	0.029828
0	0	0	0	0	0	0.658847	0.288008	0.097623	0.01915
0	0	0	0	0	0	0.57813	0.224478	0.093839	0.0582
0	0	0	0	0	0	0.198283	0.398488	0.158182	0.07397
0	0	0	0	0	0	2.330146	0.396566	0.181765	0.058284
0	0	0	0	0	0	0.370903	0.481872	0.169393	0.074777
0	0	0	0	0	0	1.791409	0.345239	0.189307	0.107433
0	0	0	0	0	0	1.018621	0.304643	0.265773	0.124763
0	0	0	0	0	0	1.173295	0.40183	0.24174	0.110053
0	0	0	0	0	0	1.383734	0.410446	0.199655	0.083063
0	0	0	0	0	0	1.348762	0.400418	0.193288	0.068845
0	0	0	0	0	0	1.302389	0.395848	0.135145	0.056678
0	0	0	0	0	0	0.9793	0.293097	0.122608	0.09626
0	0	0	0	0	0	0.597841	0.174273	0.153314	0.12641
									0.055963

0	0	0	0	0	0.503389	0.182149	0.160237	0.115032	0.031917
0	0	0	0	0	0.478317	0.191588	0.118827	0.032469	0.006492
0	0	0	0	0	0.440988	0.185821	0.115801	0.026008	-0.0256
0	0	0	0	0	0.447908	0.195618	0.111608	0.028821	-0.005
0	0	0	0	0	0.456388	0.229117	0.086859	0.028011	0.05329
0	0	0	0	0	0.474153	0.210897	0.089281	0.055024	0.061668
0	0	0	0	0.170581	0.455359	0.175688	0.071912	0.042971	0.027159
0	0	0	0	1.357929	0.341162	0.184324	0.080224	0.020554	-0.01942
0	0	0	0	0.719075	0.223599	0.14979	0.084565	0.00836	-0.00337
0	0	0	0	0.520091	0.203223	0.117674	0.07736	0.017317	0.005257
0	0	0	0	0.57657	0.230944	0.155943	0.035131	-0.00596	-0.01259
0	0	0	0	0.70173	0.22911	0.102597	3.04E-04	0.015199	-0.00406
0	0	0	0	0.787137	0.244404	0.059445	0.034565	0.055257	-0.00115
0	0	0	0	0.549786	0.172663	0.033096	0.044932	0.061588	-0.01538
0	0	0	0	0.402131	0.125656	0.041127	0.053776	0.007185	-0.01535
0	0	0	0	0.361002	0.098881	0.01695	0.044003	0.006783	-0.00301
0	0	0	0.166345	0.332691	0.068017	3.55E-04	0.034685	0.031329	0.002225
0	0	0	2.506655	0.365443	0.098367	0.066019	0.03697	0.016495	-0.00729
0	0	0	1.201867	0.351274	0.130181	0.074061	0.007085	-0.00897	-0.02919
0	0	0	1.104842	0.354078	0.131685	0.0172	-0.02602	-0.01217	-0.02894
0	0	0	1.823569	0.395569	0.103154	-0.02146	-0.02793	-0.01044	-0.04921
0	0	0	0.300387	0.337764	0.079083	0.003269	0.010929	-0.02016	-0.05453
0	0	0	1.379405	0.26301	0.05438	-0.02769	0.00181	-0.02262	-0.04563
0	0	0	0.96853	0.224046	0.035281	-0.04001	-0.01287	-0.03113	-0.04403
0	0	0	0.739961	0.177867	0.04856	0.004077	0.006217	-0.01864	-0.02787
0	0	0	0.557084	0.156184	0.066584	0.008288	-0.00243	-0.00215	-0.01272
0	0	0	0.502694	0.178647	0.052678	0.010926	0.006394	0.009457	-0.0212
0	0	0.160314	0.446077	0.174809	0.064682	0.017217	0.047589	0.009247	-0.05677
0	0	2.693775	0.320628	0.152976	0.058329	0.010055	0.044687	-0.00372	-0.06249
0	0	1.656484	0.305848	0.124238	0.014256	-0.00929	0.02187	-0.00408	-0.06168
0	0	2.090674	0.27312	0.07244	0.022361	0.016917	0.008051	-0.02296	-0.04295
0	0	1.005002	0.201067	0.095125	0.090115	0.029667	-0.00321	-0.02497	-0.01255
0	0	0.71395	0.221177	0.132626	0.052918	-0.02206	-0.00238	-0.02196	-0.03391
0	0	0.76895	0.275489	0.102043	0.009865	0.001946	0.020425	-0.04385	-0.0664
0	0	0.710353	0.197236	0.072077	0.009614	0.008549	0.025647	-0.04531	-0.06425
0	0	0.626726	0.15051	0.059882	-0.00967	-0.00921	0.007841	-0.04352	-0.06906
0	0	0.627482	0.125983	0.049013	5.27E-04	0.011288	-0.02431	-0.04312	-0.05112
0	0	0.514533	0.119812	0.058289	0.020351	0.015104	-0.02698	-0.02865	-0.03483
0	0	0.431198	0.150054	0.068693	0.03006	-0.01161	-0.01669	-0.0273	-0.04075
0	0	0.329532	0.153995	0.080539	0.009213	-0.02673	-0.01048	-0.01657	-0.06121
0	0	0.348267	0.145605	0.048851	-0.01669	-0.01365	0.007133	-0.00461	-0.06943
0	0	0.447944	0.155032	0.045408	-0.0057	-0.00121	-0.00165	-0.02655	-0.08696
0	0.196229	0.403167	0.148937	0.043206	-0.02532	0.012738	-0.01934	-0.05772	-0.08257
0	2.008998	0.392458	0.138151	0.040571	5.76E-04	0.01725	-0.01943	-0.05057	-0.05552
0	1.724487	0.401936	0.13565	0.081415	0.047299	-0.02476	-0.02596	-0.03603	-0.04432
0	1.262907	0.342193	0.136048	0.104628	0.044191	-0.02547	-0.00533	-0.00625	-0.04771
0	1.079834	0.283435	0.14962	0.109656	0.03466	-2.38E-04	0.002733	-3.05E-04	-0.05476

	0	0.913432	0.25581	0.14259	0.099068	0.032098	-0.01036	-7.08E-04	-0.00441	-0.05276
	0	0.840099	0.274335	0.164432	0.08386	0.025994	-0.00341	0.003004	-0.02997	-0.03984
	0	0.915713	0.303793	0.175803	0.061872	0.027787	0.009121	0.004663	-0.03859	-0.03214
	0	0.85493	0.318376	0.120238	0.03612	0.033333	0.011682	0.007584	-0.01473	-0.01405
	0	0.767321	0.255401	0.05627	0.043153	0.040081	0.016734	-0.01941	-0.0061	-0.00971
	0	0.601529	0.152923	0.033323	0.069186	0.03804	0.013002	-0.01047	-0.00742	-0.03555
	0	0.517755	0.162231	0.058684	0.042029	0.02838	0.008075	-0.00728	-0.01803	-0.04071
	0	0.622998	0.24572	0.098898	0.064021	0.053787	9.17E-04	-0.0195	-0.00934	-0.04626
	0	0.55792	0.199434	0.12895	0.104772	0.025612	0.010367	0.019845	0.007249	-0.03984
0.175467	0.365732	0.140141	0.082406	0.040429	-0.02685	-0.00187	0.009698	-0.00547	-0.01455	
1.502348	0.350935	0.16063	0.051317	-0.00833	-0.02371	-0.00495	-0.03795	-0.03098	6.38E-04	
2.092406	0.426079	0.16714	0.05813	-0.01118	-0.00861	-0.00506	-0.03525	-0.03065	-0.01736	
0.20641	0.445684	0.154333	0.0466	-8.46E-04	-0.01478	-0.02823	-0.03368	-0.0127	-0.02656	
0.103205	0.412821	0.109011	0.013355	-0.01725	-0.01167	-0.02992	-0.05218	-0.02071	-0.03591	
0.197691	0.360793	0.087244	-0.00279	0.011147	-0.00217	-0.02564	-0.03245	-0.03747	-0.04479	
1.765197	0.292176	0.094144	0.039875	0.052576	-0.00428	-0.02204	0.003865	-0.0107	-0.02726	
0.986046	0.194578	0.097321	0.070925	0.017648	-0.00156	0.001222	0.002176	-7.00E-04	0.003818	
0.782839	0.201874	0.125661	0.061503	-0.01789	0.009263	0.025993	-0.00785	-0.00611	0.015578	
0.734354	0.237455	0.159387	0.01978	-0.01812	0.029639	0.010909	-8.35E-04	0.025539	0.031713	
0.721525	0.276275	0.156655	0.040335	0.018407	0.011038	-0.00766	0.001906	0.038802	0.055208	
0.647163	0.276522	0.139827	0.068196	0.025841	-0.01116	-0.03678	-0.01686	0.009506	0.022769	
0.640212	0.25011	0.126225	0.075358	0.034997	0.013192	-0.03793	6.84E-04	0.002962	0.009893	
0.645593	0.176133	0.103683	0.093317	0.021827	0.047464	0.034152	0.029152	0.030649	1.79E-04	
0.585424	0.120853	0.123283	0.075473	-0.02789	0.015899	0.050495	0.026974	0.017218	-0.01738	
0.545346	0.183796	0.177249	0.031826	-0.04745	0.013175	0.042079	0.022453	0.021948	0.02016	
0.49631	0.204272	0.156399	0.029538	-0.00353	0.048103	0.046445	0.015905	2.32E-04	0.004265	
0.465646	0.199489	0.134685	0.059424	0.038676	-0.00937	0.034413	0.01699	-0.03382	0.001574	
0.44916	0.237652	0.150093	0.049232	0.03372	0.003552	0.019172	0.025848	-0.00552	0.006395	
0.482147	0.268901	0.119313	0.041933	0.048905	0.036543	0.0104	0.031374	-0.00502	-0.02867	
0.474827	0.17827	0.067179	0.05627	0.029806	0.015559	0.014176	0.017023	-0.02957	-0.03246	
0.422916	0.096073	0.003256	0.067026	0.049865	0.027455	0.022907	0.002033	-0.05429	-0.00724	
0.337354	0.038806	0.040114	0.098331	0.055965	0.040889	0.038895	-0.0015	-0.01888	0.002846	
0.240991	0.0257	0.122701	0.091819	0.02567	0.02293	0.040986	0.014071	0.047833	0.031594	
0.218944	0.091613	0.123499	0.080575	0.009507	0.007412	0.023076	0.027328	0.048894	0.045949	
0.227727	0.141553	0.094386	0.060221	0.011279	0.012855	-0.01265	0.009876	0.029345	-9.90E-04	
0.246355	0.191673	0.102181	0.054765	0.026494	0.011357	-0.01115	0.036316	0.035735	-0.00271	
0.288222	0.146102	0.067293	0.042182	0.004692	0.001741	0.021878	0.047784	0.026815	-0.00319	
0.311582	0.08461	0.028608	0.036595	0.002215	-0.01261	0.031594	0.01607	0.01332	-0.02281	
0.210179	0.067945	0.064478	0.044913	0.00355	0.027229	0.030406	-0.01301	0.030989	-0.00132	
0.149126	0.082729	0.094084	0.066141	0.007529	0.067119	0.047821	-0.00724	-0.00195	0.005033	
0.151243	0.096685	0.08562	0.085619	0.012393	0.036543	0.042503	-0.00382	-0.00525	0.001892	
0.134808	0.109587	0.070908	0.064996	0.034244	0.018759	0.005178	0.02292	0.040291	0.027344	
0.124215	0.090968	0.036445	-0.00643	0.030777	0.00913	-0.00314	0.036213	0.031788	0.028829	
0.144383	0.055965	0.013029	-6.53E-04	0.031593	0.03143	0.021659	0.008083	-0.00806	-0.00161	
0.171565	0.038217	0.013749	0.043912	0.016673	0.015695	0.019994	-0.02088	-0.03253	-0.01939	
0.166407	0.045773	0.054097	0.040619	-0.00305	0.032063	0.011139	-0.0408	0.00786	0.011011	
0.150536	0.09406	0.098969	0.061484	0.024796	0.028555	0.026317	-0.01256	0.020736	0.020575	

0.115133	0.085226	0.071023	0.042182	0.013225	-0.0318	0.001544	-0.00533	0.007844	0.002607
0.09028	0.045792	0.002488	-0.01799	-0.00709	-0.04637	-0.01397	0.017698	0.032503	0.021604
0.116795	0.038895	1.44E-04	-0.00881	0.003566	-0.0014	0.020179	0.029744	0.023114	0.036349
0.117808	0.003292	0.026223	0.027796	0.003044	0.047737	0.05708	0.025194	0.025505	0.043739
0.071287	-0.01797	0.02674	0.039397	0.00827	0.063279	0.04268	0.017879	0.051966	0.03477
0.039011	0.031263	0.06864	0.054271	0.026442	0.041789	-0.00381	-0.0244	0.039303	0.019994
0.06279	0.056355	0.082096	0.040885	0.003745	0.018981	0.018436	-0.0086	0.013891	0.011563
0.067958	0.056262	0.047638	0.015425	0.007874	0.038165	0.029667	0.021189	0.015035	-0.02233
0.084782	0.07507	0.015932	0.015007	0.027371	0.015509	-0.00902	-0.00617	0.010136	-0.027
0.094225	0.050518	0.010544	0.002762	0.002605	-0.00421	-0.02736	-0.03808	0.003806	-0.03464
0.08844	0.01775	0.026619	0.02589	-0.01181	0.002431	0.012969	-0.02094	-0.00221	-0.02985
0.028942	-0.0061	0.04724	0.023565	-0.00133	0.019974	0.022063	-0.01736	0.023815	0.011433
0.050005	-0.00463	0.02409	0.0106	0.013409	0.001134	-0.00578	-0.02527	0.025287	0.020309
0.106175	-0.0036	-3.11E-04	2.35E-04	-0.00619	-0.03925	-0.01743	-0.03002	9.45E-04	-0.01259
0.060469	0.019711	-1.97E-04	-0.00656	0.006051	0.003024	-0.01659	-0.00971	-0.00322	-0.03957
0.035431	0.049071	0.029424	0.011461	0.024009	0.027055	0.020515	0.017533	-0.0139	-0.01786
0.044937	0.018652	0.033314	0.036051	-0.00144	0.008495	0.043335	-0.00605	-0.01715	-0.00526
0.057848	-0.0219	0.009763	0.009443	-0.0713	0.027577	0.030389	-0.03041	0.00104	-0.00706
0.094485	-0.00152	0.022532	-0.00867	-0.06059	0.052438	0.03986	-0.00645	0.012799	0.006604
0.083043	0.014292	0.050017	0.026679	0.010881	0.02589	0.026232	-0.01013	-0.02054	-0.00451
0.047158	0.019916	0.025172	-0.00691	0.009408	0.009447	0.004158	-0.02739	-0.04143	-0.03524
0.037463	0.060015	0.036692	-0.0151	-0.00903	0.020351	0.017918	0.00337	0.010428	-0.03442
0.098529	0.091572	0.034315	1.54E-04	-0.00623	0.031746	0.053132	0.041768	0.022314	-0.00805
0.109459	0.046518	-0.00871	0.014706	0.026305	0.021639	0.050369	0.019663	-0.04329	-0.01433
0.073342	0.006994	0.02178	0.059591	-0.00201	0.024122	0.022536	-0.03248	-0.04627	-0.01573
0.081019	0.013921	0.046227	0.038162	-0.04699	0.017105	0.006836	-0.04616	-0.05665	-0.01252
0.098913	0.021681	0.019466	0.007205	-0.02967	-3.57E-04	-0.00491	-0.04941	-0.06657	-0.0065
0.059157	0.003029	0.013464	-0.01644	-0.01533	0.023154	0.002172	-0.03307	-0.00466	-0.02509
0.0475	0.025579	0.027881	-0.00791	-3.94E-04	0.037505	0.023634	-0.00757	-0.01903	-0.05282
0.077809	0.057659	0.009233	0.030958	0.037458	-0.02395	0.011748	0.008825	-0.03504	-0.02615
0.10206	0.042339	0.001509	0.05354	0.02244	-0.05655	-0.00422	0.022886	-0.02641	-0.00382
0.063479	-0.03123	0.005929	0.056288	-0.00867	-0.01535	0.029239	0.020243	-0.01637	0.01755
0.043137	-0.07996	-0.02122	-0.0046	-0.03403	-6.34E-04	0.021844	-0.00704	0.012441	-0.0074
0.054602	-0.03925	-0.00633	0.001448	-0.01674	-0.0194	-0.01084	-0.02225	-0.00212	-0.04495
0.027945	0.007626	0.037629	0.007648	0.00368	-0.03214	-0.01948	-0.01934	-0.00995	-0.02388
0.005953	-0.00395	0.032982	-0.01742	-0.01999	-0.03503	-0.00885	-0.00626	-0.01555	-0.00359
0.036498	0.013096	0.009498	0.01113	-0.00798	-0.02697	-0.01719	0.001033	-0.0393	-0.02628
0.039029	0.003506	-0.01938	0.048527	0.024505	0.011979	-0.0249	-0.01991	-0.03641	-0.03161
0.024829	-0.02218	0.018906	0.050591	0.013075	0.032945	-0.00329	-0.02631	-0.01158	-0.00338
0.03792	0.004198	0.026585	0.026027	-6.84E-04	0.011408	0.015602	-0.0182	-0.00633	-0.01426
0.073838	0.020738	0.006077	0.031305	8.84E-04	-0.01953	-0.02296	-0.06276	-0.00613	-0.0241
0.032591	-0.02058	0.034262	0.020778	0.008121	0.006547	-0.02808	-0.0303	0.017613	-0.01281
0.02221	0.022231	0.026033	-0.0225	0.020351	0.019272	0.016684	0.02337	0.003137	-0.03926
0.087572	0.067869	0.007314	-0.01318	0.021708	-0.0056	0.001544	0.011546	-0.03204	-0.06101
0.085684	0.018448	0.029493	0.035718	0.003272	-0.00675	0.004546	-0.03801	-0.03254	-0.03498
0.075062	-0.00689	0.049617	0.044162	-0.00805	0.020865	0.035524	-0.03126	-0.0025	0.003308
0.071211	0.005784	0.033192	0.029487	-0.00218	0.015254	0.006071	-0.00625	-5.42E-04	-0.02337

0.066473	0.032072	0.01972	0.008323	-0.01252	-0.00612	-0.04557	-0.03245	-0.00933	-0.03164
0.061433	0.015848	0.004681	0.002648	0.002004	0.010401	-0.04859	-0.06174	-0.00835	-0.02034
0.035588	-0.00293	-0.01888	-0.00737	-0.01968	-0.02518	-0.04929	-0.04638	-0.02626	-0.05638
0.060247	0.016085	-0.01476	-0.00273	-0.03339	-0.04009	-0.0254	-0.01583	-0.05894	-0.08177
0.060895	-0.00426	0.007677	0.01017	-0.00969	-0.00914	-0.02463	-0.06708	-0.05833	-0.05868
0.015397	-0.03291	0.012394	0.013422	-0.02159	-0.03271	-0.03562	-0.08455	-0.03599	-0.03703
-0.01679	-0.03089	0.004041	0.003185	-0.05128	-0.04653	-0.03464	-0.06777	-0.04398	-0.04089
-0.00738	-0.00536	0.020077	-0.01436	-0.04855	-0.04631	-0.05501	-0.04468	-0.04455	-0.04465
0.005986	0.036739	0.038994	-0.02924	-0.01844	-0.03314	-0.04456	-0.01566	-0.02334	-0.04286
0.022448	0.02187	0.022446	0.002096	0.004807	-0.00813	0.011008	-0.00813	-0.02674	-0.03629
0.029666	-0.02716	0.008918	0.015994	-0.03637	-0.03956	-0.00915	-0.05351	-0.06467	-0.0375
-0.00321	-0.04962	0.007182	-0.01734	-0.03992	-0.01435	-0.03105	-0.07127	-0.04666	-0.03722
-0.0034	-0.02103	0.009697	-0.02767	-0.031	-0.03829	-0.04374	-0.06889	-0.06459	-0.04569
0.007655	0.011919	6.96E-04	-0.03527	-0.04514	-0.07195	-0.05921	-0.06778	-0.061	-0.04125
0.0106	0.022712	-0.02013	-0.05436	-0.03763	-0.04742	-0.03702	-0.02247	-0.05391	-0.04396
0.024522	0.012356	-0.01487	-0.02912	-0.00303	-0.00609	4.03E-04	5.89E-04	-0.02346	-0.0304
0.042248	-0.0042	-0.01055	0.001707	-0.00483	-0.01068	-0.01023	-0.02079	-0.01839	-0.02628
0.038324	-0.02732	-0.02257	-0.0123	-0.03665	-0.02649	-0.01883	-0.04206	-0.04515	-0.04257
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0.013449	-0.01474	-0.0253	-0.00666	-0.03843	-0.0199	-0.02641	-0.06155	-0.07953	-0.0711
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0.001324	-0.01657	-0.0279	-0.0226	-0.01388	-0.00994	0.011008	-0.00816	-0.05123	-0.022
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0.012155	-0.0205	-0.03357	-0.02468	-0.01443	-0.00648	-0.01899	0.00181	-0.02958	-0.0436
0.006264	-0.02086	-0.05005	-0.03579	-0.04539	-0.01395	-0.00663	-0.02309	-0.06589	-0.04496
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0.027001	0.016611	0.061028	0.041187	0.010964	0.013394	0.040721	0.046039	0.036474	0.011579
0.032556	0.038895	0.034438	0.035367	0.012775	-0.02238	0.012276	0.031068	-0.03979	-0.00878
0.025854	0.010812	-0.01597	0.008586	-0.03297	-0.01562	0.026999	-0.01814	-0.0718	-0.00135
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0.095869	0.052799	0.053969	0.054728	-0.01233	0.003766	0.021255	0.006908	0.00741	0.013305
0.116395	0.05589	0.06923	0.069179	0.018373	0.056723	0.079531	0.034394	0.011319	-0.00678
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0.161332	0.138891	0.077047	0.040459	0.013025	0.032945	-0.02792	-0.00298	0.011904	0.00275
0.10977	0.086659	0.012645	0.043233	0.05212	-0.01467	-0.01369	0.045476	0.037921	0.025629
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0.109148	0.071012	0.013715	0.045594	0.008468	-0.0071	0.03542	0.067103	0.022447	0.014105
0.105764	0.036739	0.016674	0.011776	-0.01361	-5.69E-04	0.042379	0.045863	0.021267	0.061377
0.098266	0.042879	0.025327	0.042681	0.023958	0.043051	0.073586	0.071296	0.06567	0.082661
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0.128396	0.086579	0.076196	0.06524	0.069831	0.076187	0.04938	0.042849	0.008811	-0.02694
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0.089924	0.046409	0.031112	0.03855	0.086792	0.042979	0.01996	0.02342	-0.00806	-0.01524
0.06926	0.007958	0.031845	0.07484	0.073569	0.049567	0.016834	-0.00611	-0.01226	-0.01475
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0.101307	0.093229	0.01221	0.041435	0.056407	0.026672	0.08683	0.053007	0.021317	0.027665
0.17524	0.102622	0.045254	0.093457	0.063684	0.064985	0.056021	0.00251	0.027589	0.04015
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0.162338	0.13435	0.119227	0.052664	0.096173	0.028205	-0.00904	0.009714	-0.00173	-0.06796
0.174132	0.123037	0.091271	0.081003	0.076181	-0.01207	4.68E-04	0.024959	-0.03866	-0.02878
0.154657	0.129151	0.070947	0.091859	0.07355	-0.00441	0.005324	0.006908	-0.05587	0.003675
0.174132	0.142142	0.107845	0.103771	0.064377	0.028345	-0.00948	-0.01567	-0.00287	0.004521
0.217666	0.126586	0.11148	0.083931	0.046451	0.060882	0.014275	-0.01779	0.019213	-0.005
0.182192	0.071108	0.06826	0.045863	0.037194	0.029219	-0.02169	0.00181	0.032418	-0.03903
0.121479	0.076646	0.07087	0.019679	0.040393	-0.00817	-0.05385	-0.00461	0.0015	-0.06217
0.107762	0.111125	0.093459	0.019611	0.015381	-0.01722	-0.04537	-0.02237	-0.00973	-0.03033
0.11982	0.103223	0.073823	0.015274	-0.01583	-0.01735	-0.05087	0.001271	-0.00758	-0.04089
0.114944	0.088678	0.039634	-0.00192	0.03612	0.008528	-0.04243	0.040742	0.019494	-0.02102
0.106031	0.073694	0.040168	0.026507	0.056388	0.043883	0.020599	0.058185	0.029785	0.010654
0.125418	0.085823	0.090691	0.095123	0.005379	0.028922	0.061637	0.01218	0.011384	-0.01045
0.178289	0.088878	0.087959	0.064321	-0.0038	0.031641	0.018888	-0.02743	0.029988	-0.02537
0.167116	0.049785	0.095962	0.020829	-0.00336	0.060374	-0.00893	-0.02443	0.023431	-0.02289
0.151106	0.061989	0.094871	0.017841	-0.0114	0.029779	-0.0154	-0.01952	-0.01096	-0.03073
0.191331	0.081683	0.051842	0.020473	-0.01841	7.73E-04	-0.04052	-0.03947	-0.0663	-0.04926
0.173387	0.073017	0.052519	0.029383	0.032882	0.032804	-0.03838	-0.00745	-0.03458	-0.03083
0.177901	0.080246	0.071329	0.048708	0.083723	0.081918	0.017784	0.056146	0.02769	-0.02625
0.216789	0.076938	0.048871	0.038373	0.0515	0.043268	0.028297	0.014333	-0.04459	-0.05356
0.220039	0.075303	0.030398	0.044985	-0.00569	0.004427	0.005113	-0.04338	-0.08128	-0.06707
0.189807	0.056541	0.064384	0.056306	-0.00894	0.011811	-0.01358	-0.05767	-0.07505	-0.06665
0.154956	0.052375	0.062956	0.028572	2.69E-04	0.013209	-0.01296	-0.05173	-0.06848	-0.05296
0.153577	0.044776	0.040043	0.022918	-0.00571	0.027194	-0.0237	-0.05347	-0.03257	-0.03809
0.129718	0.066572	0.056993	0.042663	0.026838	0.035299	-0.05011	-0.04304	-0.00793	-0.04403
0.104041	0.121846	0.064046	0.045971	0.040198	0.004295	-0.04421	-0.01613	-0.00691	-0.04579
0.144675	0.122257	0.042453	0.038144	0.024796	-0.02785	-0.02552	5.06E-05	-0.03574	-0.02284
0.2245	0.070262	0.015478	0.046959	-0.01256	-0.0256	-0.03019	-0.01884	-0.04336	-0.0201
0.215226	0.021355	0.015327	0.040247	-0.0474	-0.01547	-0.04038	-0.05259	-0.05813	-0.02949
0.174902	0.031263	0.014621	0.016061	-0.03799	-0.03078	-0.03504	-0.06502	-0.05888	-0.05471
0.193262	0.037664	0.019788	0.015475	-0.03454	-0.04719	-0.02438	-0.06954	-0.05039	-0.07051
0.173122	0.022351	0.052739	0.011279	-0.02737	-0.02742	-0.02084	-0.03894	-0.02532	-0.04211
0.142612	0.078892	0.076099	0.02704	0.013675	-0.03145	-0.02565	-0.00794	-0.02614	-0.05213
0.162712	0.123341	0.049253	0.03465	0.038287	-0.05896	-0.02966	-0.00178	-0.05215	-0.09028
0.210336	0.095136	0.016589	0.049558	0.022457	-0.05219	-0.00364	-0.02865	-0.06713	-0.0727
0.203024	0.07209	0.019313	0.067705	0.010484	-0.03655	0.002881	-0.04093	-0.07572	-0.06083
0.187617	0.089942	0.023473	0.042734	0.003778	-0.0295	-0.01951	-0.06764	-0.09742	-0.07681
0.207469	0.090183	0.010944	0.009229	-0.00194	-0.01335	-0.03475	-0.1088	-0.08666	-0.05641

0.213616	0.069189	0.038586	0.008487	-0.00217	0.015441	3.87E-04	-0.06854	-0.03201	-0.03296
0.163792	0.066116	0.04247	-0.00534	-0.03216	0.013563	0.009187	-0.03195	-0.03006	-0.05572
0.1719	0.094121	0.044318	-0.03887	-0.04909	-0.03634	-0.03836	-0.03358	-0.04822	-0.07056
0.234142	0.14144	0.038835	-0.02838	-0.01959	-0.08315	-0.0348	-0.01921	-0.05195	-0.05725
0.250035	0.103098	0.005781	-0.00479	-0.00441	-0.06606	-0.01357	-0.00742	-0.04371	-0.0747
0.223313	0.068308	0.006176	0.012524	-0.01914	-0.0574	-0.04612	-0.02922	-0.05656	-0.08933
0.251671	0.062989	-0.00946	0.004162	-0.04007	-0.06669	-0.05218	-0.05292	-0.08959	-0.08441
0.254817	0.031211	-0.00839	-0.01717	-0.05373	-0.05658	-0.03838	-0.06823	-0.09193	-0.05448
0.189358	0.027106	0.021985	-0.0251	-0.05903	-0.05234	-0.04975	-0.08261	-0.08348	-0.05536
0.108444	0.030001	0.042614	-0.03874	-0.06109	-0.03206	-0.06662	-0.08994	-0.09162	-0.09118
0.133492	0.073133	0.03701	-0.04557	-0.03316	-0.03218	-0.0686	-0.07293	-0.09487	-0.08694
0.254788	0.085425	-0.01843	-0.04782	-0.02495	-0.06071	-0.08278	-0.08578	-0.09413	-0.08408
0.306724	0.068442	-0.053	-0.05295	-0.03802	-0.06396	-0.0841	-0.08832	-0.09955	-0.09456
0.294747	0.076958	-0.03985	-0.05893	-0.0544	-0.06472	-0.07785	-0.08338	-0.10099	-0.08852
0.252333	0.071474	-0.0109	-0.04019	-0.04787	-0.06097	-0.0655	-0.07455	-0.08866	-0.05387
0.242227	0.068653	0.015125	-0.02498	-0.03814	-0.04513	-0.05868	-0.06377	-0.06976	-0.05052
0.330577	0.102415	0.022087	-0.0347	-0.02544	-0.03747	-0.07072	-0.06239	-0.07886	-0.09463
0.452755	0.129173	0.00672	-0.01949	-0.00464	-0.04773	-0.06608	-0.06009	-0.10816	-0.1066
0.433539	0.120292	-0.00803	-0.01002	-0.01454	-0.07157	-0.07098	-0.06062	-0.08425	-0.08996
0.473675	0.141169	0.003616	-0.02128	-0.04415	-0.06651	-0.08453	-0.04979	-0.06014	-0.08099
0.602113	0.166801	0.007727	-0.04201	-0.05918	-0.05723	-0.07636	-0.04685	-0.0885	-0.07803
0.50226	0.161012	0.02712	-0.03454	-0.05373	-0.05442	-0.05069	-0.0518	-0.09835	-0.05747
0.438109	0.169085	0.068241	-0.03048	-0.05919	-0.03473	-0.05115	-0.06412	-0.06985	-0.06039
0.554086	0.217518	0.0623	-0.03261	-0.04808	-0.05449	-0.07511	-0.05386	-0.06229	-0.10895
0.747123	0.241082	0.031199	-0.01349	0.002426	-0.06761	-0.05507	-0.00612	-0.04481	-0.11482
0.810575	0.217302	0.037346	0.0169	0.032551	-0.01953	-0.02093	-0.02343	-0.06501	-0.08617
0.877437	0.223707	0.050837	0.028675	0.013025	-0.01176	-0.02148	-0.0841	-0.10837	-0.0849
1.040489	0.234334	0.075094	0.06221	0.009507	-0.02261	-0.01943	-0.05658	-0.0791	-0.05222
1.132523	0.277418	0.143855	0.087255	0.030031	-0.00366	-0.01134	-0.02602	-0.03996	-0.0178
2.047031	0.372958	0.186402	0.042431	-0.00438	-0.0024	-0.02238	-0.05463	-0.02994	-0.03353
0.182639	0.410083	0.12803	-0.0047	-0.01277	3.47E-04	-0.04618	-0.05754	-0.02923	-0.06658
0.091319	0.365277	0.099377	0.016849	0.039932	0.031518	-0.04381	-0.02524	-0.0309	-0.06891
0.04566	0.416385	0.132433	0.030213	0.051956	0.048359	-0.01589	-0.04337	-0.04424	-0.05358
0.02283	0.585075	0.158077	0.029452	0.043331	0.032857	-0.01422	-0.05341	-0.04725	-0.06523
0.011415	0.844073	0.224934	0.097663	0.07042	0.04577	0.010384	0.007535	-0.03257	-0.07342
0.005707	1.095829	0.310841	0.171492	0.063778	0.063676	0.025636	0.021023	-0.01198	-0.04405
0.002854	1.162388	0.38025	0.168197	0.046991	0.072653	0.038684	-0.01106	0.002453	-0.00503
0.001427	1.802036	0.434231	0.147211	0.091896	0.090438	0.039438	-0.0124	0.019593	0.00393
7.13E-04	1.55463	0.413389	0.166393	0.152746	0.110688	0.061896	0.058946	0.073614	0.029574
0	1.493024	0.432953	0.208963	0.170957	0.070531	0.061102	0.081902	0.083369	0.036194
0	0.216477	0.497057	0.221042	0.18568	0.062258	0.039386	0.086608	0.08358	0.009715
0	0.108238	0.561393	0.289915	0.199689	0.133839	0.098837	0.143385	0.122933	0.060576
0	0.054119	0.73902	0.364196	0.187943	0.182214	0.174249	0.14376	0.13392	0.144518
0	0.02706	0.867648	0.350122	0.176626	0.208479	0.207783	0.104124	0.135472	0.167023
0	0.01353	0.808866	0.321271	0.181953	0.234045	0.202155	0.098848	0.180589	0.188165
0	0.006765	0.658212	0.332131	0.225647	0.249024	0.200194	0.135815	0.199894	0.176538
0	0.003382	0.754972	0.335824	0.212026	0.208479	0.148795	0.119451	0.134394	0.094296

0	0.001691	0.909709	0.282735	0.203599	0.181667	0.087849	0.087574	0.096102	0.01816
0	8.46E-04	0.984322	0.33835	0.274934	0.203119	0.128699	0.146943	0.123879	0.062124
0	0	1.408687	0.439275	0.273172	0.177856	0.171814	0.156614	0.094271	0.096839
0	0	0.20467	0.442126	0.200279	0.125919	0.128117	0.07111	0.038335	0.056954
0	0	0.102335	0.409341	0.142951	0.14895	0.104346	0.025261	0.029616	0.047234
0	0	0.051168	0.422766	0.160538	0.191116	0.117485	0.037539	0.008698	0.062544
0	0	0.025584	0.458242	0.189741	0.174567	0.112244	0.034291	0.019428	0.048028
0	0	0.012792	0.531419	0.191823	0.16905	0.077726	0.009924	0.011222	8.60E-04
0	0	0.006396	0.655704	0.248788	0.172444	0.067683	0.0135	0.033646	0.007392
0	0	0.003198	0.77805	0.285631	0.113016	0.063118	0.043916	0.050613	0.02172
0	0	0.001599	0.804816	0.281995	0.088648	0.037809	0.049146	-0.01166	-0.02397
0	0	7.99E-04	0.900678	0.280666	0.073079	0.063081	0.010086	-0.04499	-0.01006
0	0	4.00E-04	0.874869	0.205282	0.056667	0.089343	0.00694	-0.03459	-0.00679
0	0	2.00E-04	0.765637	0.17043	0.071514	0.07052	0.018456	-0.03625	-0.02607
0	0	9.99E-05	0.870293	0.187619	0.092578	0.05961	-0.00225	-0.04081	-0.02946
0	0	5.00E-05	1.096495	0.265774	0.136654	0.0873	0.012733	-0.01546	-0.02889
0	0	2.50E-05	1.130019	0.340659	0.125722	0.071105	0.032105	0.024785	-0.04398
0	0	1.25E-05	1.25367	0.3262	0.097732	0.014557	0.024222	0.061934	-0.02778
0	0	6.25E-06	1.566512	0.383634	0.090942	0.011419	0.059453	0.048628	6.83E-05
0	0	0	2.197306	0.440911	0.092882	0.047409	0.090936	0.040586	0.012425
0	0	0	0.220455	0.451161	0.12732	0.057263	0.076378	0.038318	0.017517
0	0	0	0.110228	0.47117	0.153726	0.09685	0.057138	-0.0032	0.029879
0	0	0	0.055114	0.464759	0.22585	0.141319	0.055948	0.014741	0.061067
0	0	0	0.027557	0.543072	0.271574	0.13873	0.050015	0.040413	0.023938
0	0	0	0.013778	0.775991	0.303311	0.115306	0.018902	0.041855	0.008116
0	0	0	0.006889	0.819084	0.270048	0.057959	0.062859	0.082298	0.024925
0	0	0	0.003445	0.587063	0.25791	0.078416	0.088563	0.06659	0.019945
0	0	0	0.001722	0.678138	0.301146	0.11995	0.062147	0.058628	0.026957
0	0	0	8.61E-04	1.156089	0.332915	0.131771	0.078079	0.049318	0.01755
0	0	0	0	1.826928	0.384292	0.190866	0.081768	0.035101	0.017797
0	0	0	0	0.192146	0.438152	0.230614	0.04706	0.026748	0.02721
0	0	0	0	0.096073	0.491457	0.211784	0.045494	0.034706	0.052343
0	0	0	0	0.048036	0.577272	0.216376	0.086917	0.081248	0.060958
0	0	0	0	0.024018	0.590706	0.176385	0.083701	0.064696	0.030982
0	0	0	0	0.012009	0.665445	0.172982	0.089786	0.017514	0.015529
0	0	0	0	0.006005	0.813848	0.188906	0.110627	0.023414	0.001622
0	0	0	0	0.003002	0.938675	0.267787	0.168692	0.085847	0.025177
0	0	0	0	0.001501	0.979456	0.383038	0.180277	0.080524	0.046089
0	0	0	0	7.51E-04	1.110096	0.415048	0.140905	0.045	0.040497
0	0	0	0	3.75E-04	1.363623	0.459697	0.101318	0.051342	0.049941
0	0	0	0	1.88E-04	1.161271	0.462338	0.106039	0.062865	0.09257
0	0	0	0	9.38E-05	0.844191	0.475646	0.113083	0.071614	0.096819
0	0	0	0	4.69E-05	0.938818	0.491755	0.11126	0.103062	0.067062
0	0	0	0	2.35E-05	1.299445	0.473495	0.18078	0.135429	0.074153
0	0	0	0	1.17E-05	1.45826	0.526046	0.301258	0.158651	0.109782
0	0	0	0	0	3.377883	0.663623	0.328665	0.117823	0.078377
0	0	0	0	0	0.331811	0.761574	0.272624	0.055024	0.05773

0	0	0	0	0	0.165906	0.748355	0.244315	0.078758	0.090091
0	0	0	0	0	0.443852	0.721798	0.269082	0.103382	0.085329
0	0	0	0	0	2.054549	0.7305	0.246096	0.130085	0.072374
0	0	0	0	0	1.228886	0.701178	0.305233	0.191361	0.068875
0	0	0	0	0	1.427862	0.703926	0.398811	0.188252	0.057369
0	0	0	0	0	0.337841	0.702712	0.413727	0.145545	0.018836
0	0	0	0	0	0.168921	0.675683	0.407659	0.107514	0.033264
0	0	0	0	0	0.08446	0.619276	0.403192	0.166931	0.075638
0	0	0	0	0	0.04223	0.624916	0.411192	0.199068	0.069877
0	0	0	0	0	0.021115	0.703278	0.440105	0.214803	0.10245
0	0	0	0	0	0.010558	0.715842	0.495188	0.305436	0.11074
0	0	0	0	0	0.005279	0.572943	0.480115	0.323771	0.070528
0	0	0	0	0	0.002639	0.514155	0.467957	0.275118	0.076977
0	0	0	0	0	0.210308	0.541941	0.495733	0.247618	0.111108
0	0	0	0	0	1.519749	0.417976	0.395455	0.269436	0.154992
0	0	0	0	0	1.5133	0.368269	0.390101	0.305724	0.198284
0	0	0	0	0	0.184135	0.498875	0.454821	0.357611	0.217455
0	0	0	0	0	0.092067	0.680879	0.414302	0.43492	0.245038
0	0	0	0	0	0.046034	0.797853	0.395141	0.433416	0.241025
0	0	0	0	0	0.023017	0.939629	0.47797	0.495314	0.247996
0	0	0	0	0	0.011508	0.967716	0.506669	0.504259	0.274255
0	0	0	0	0	0.005754	0.780978	0.405762	0.421111	0.327984
0	0	0	0	0	0.002877	0.704412	0.368359	0.44692	0.349833
0	0	0	0	0	0.001439	0.762965	0.372106	0.463654	0.303125
0	0	0	0	0	7.19E-04	0.758163	0.389247	0.41692	0.269375
0	0	0	0	0	3.60E-04	0.73982	0.412212	0.403943	0.225117
0	0	0	0	0	1.80E-04	0.725615	0.362341	0.344378	0.213299
0	0	0	0	0	8.99E-05	0.732054	0.336765	0.305213	0.289419
0	0	0	0	0	4.50E-05	0.744689	0.291801	0.33385	0.338616
0	0	0	0	0	2.25E-05	0.836781	0.297036	0.406234	0.368051
0	0	0	0	0	1.12E-05	0.975675	0.399485	0.443614	0.400622
0	0	0	0	0	5.62E-06	1.208452	0.493608	0.447053	0.420863
0	0	0	0	0	2.81E-06	2.015132	0.434993	0.432945	0.454303
0	0	0	0	0	1.40E-06	2.754566	0.402672	0.423075	0.51031
0	0	0	0	0	0	2.246285	0.510701	0.508725	0.555225
0	0	0	0	0	0	0.236103	0.531281	0.496503	0.55443
0	0	0	0	0	0	0.118052	0.472207	0.451144	0.539275
0	0	0	0	0	0	0.059026	0.5386	0.490151	0.488726
0	0	0	0	0	0	0.249805	0.498018	0.399359	0.444376
0	0	0	0	0	0	1.639336	0.440585	0.35121	0.479229
0	0	0	0	0	0	1.737701	0.487684	0.386581	0.462392
0	0	0	0	0	0	1.475928	0.389907	0.341974	0.376739
0	0	0	0	0	0	1.268348	0.368544	0.333066	0.35514
0	0	0	0	0	0	2.711257	0.463841	0.284697	0.316752
0	0	0	0	0	0	0.186314	0.372628	0.199569	0.20437
0	0	0	0	0	0	0.093157	0.377657	0.264234	0.226021
0	0	0	0	0	0	0.046579	0.577291	0.318966	0.323663

0	0	0	0	0	0	0.023289	0.648866	0.265397	0.340899
0	0	0	0	0	0	0.011645	0.625273	0.280182	0.366173
0	0	0	0	0	0	0.005822	0.625407	0.312489	0.377229
0	0	0	0	0	0	0.002911	0.489584	0.308964	0.340171
0	0	0	0	0	0	0.001456	0.540244	0.417374	0.350825
0	0	0	0	0	0	7.28E-04	0.905718	0.459899	0.363644
0	0	0	0	0	0	3.64E-04	1.151713	0.437337	0.347081
0	0	0	0	0	0	1.82E-04	1.103156	0.472574	0.385912
0	0	0	0	0	0	9.10E-05	0.984828	0.443527	0.313256
0	0	0	0	0	0	4.55E-05	0.922727	0.347957	0.214594
0	0	0	0	0	0	2.27E-05	0.862025	0.377549	0.23419
0	0	0	0	0	0	1.14E-05	0.904446	0.454328	0.267086
0	0	0	0	0	0	5.69E-06	0.908913	0.359488	0.210825
0	0	0	0	0	0	2.84E-06	0.84321	0.291078	0.189239
0	0	0	0	0	0	1.42E-06	0.881452	0.282116	0.232457
0	0	0	0	0	0	7.11E-07	0.796723	0.271056	0.245651
0	0	0	0	0	0	3.55E-07	0.751063	0.329304	0.245957
0	0	0	0	0	0	1.78E-07	0.813694	0.350253	0.183361
0	0	0	0	0	0	8.88E-08	0.869106	0.267353	0.153547
0	0	0	0	0	0	4.44E-08	0.831784	0.252058	0.234597
0	0	0	0	0	0	2.22E-08	0.813385	0.287508	0.282877
0	0	0	0	0	0	1.11E-08	0.696257	0.27497	0.2611
0	0	0	0	0	0	5.55E-09	0.754915	0.356567	0.248164
0	0	0	0	0	0	2.78E-09	0.986511	0.427368	0.237566
0	0	0	0	0	0	1.39E-09	1.011608	0.337996	0.232998
0	0	0	0	0	0	6.94E-10	1.094221	0.318208	0.225622
0	0	0	0	0	0	3.47E-10	1.456393	0.395411	0.242709
0	0	0	0	0	0	1.74E-10	1.307983	0.475447	0.298666
0	0	0	0	0	0	8.68E-11	1.332111	0.614937	0.423665
0	0	0	0	0	0	4.34E-11	1.941921	0.62203	0.509338
0	0	0	0	0	0	2.17E-11	1.682852	0.530697	0.480614
0	0	0	0	0	0	1.08E-11	4.183301	0.721541	0.458738
0	0	0	0	0	0	5.42E-12	1.818646	0.664647	0.399986
0	0	0	0	0	0	2.71E-12	1.276368	0.538166	0.353852
0	0	0	0	0	0	1.36E-12	1.241349	0.508725	0.304335
0	0	0	0	0	0	6.78E-13	1.005797	0.50099	0.329096
0	0	0	0	0	0	3.39E-13	1.005476	0.526372	0.29422
0	0	0	0	0	0	1.69E-13	1.058942	0.432088	0.224746
0	0	0	0	0	0	8.47E-14	0.848089	0.319032	0.264025
0	0	0	0	0	0	4.24E-14	0.72142	0.270172	0.239676
0	0	0	0	0	0	2.12E-14	0.666928	0.207578	0.232836
0	0	0	0	0	0	1.06E-14	0.594607	0.227991	0.312281
0	0	0	0	0	0	5.30E-15	0.726699	0.391655	0.403216
0	0	0	0	0	0	2.65E-15	0.879889	0.415025	0.4133
0	0	0	0	0	0	1.32E-15	0.830069	0.362537	0.45246
0	0	0	0	0	0	6.62E-16	0.808268	0.417374	0.564352
0	0	0	0	0	0	3.31E-16	0.732215	0.338789	0.593441

0	0	0	0	0	0	1.65E-16	0.754735	0.356424	0.606731
0	0	0	0	0	0	8.27E-17	0.954873	0.574709	0.711138
0	0	0	0	0	0	4.14E-17	1.203601	0.720958	0.757174
0	0	0	0	0	0	2.07E-17	1.541057	0.795435	0.717199
0	0	0	0	0	0	1.03E-17	1.732027	0.799701	0.613434
0	0	0	0	0	0	5.17E-18	1.266614	0.654182	0.49348
0	0	0	0	0	0	0.161918	0.64417	0.403423	0.364485
0	0	0	0	0	0	1.03554	0.323836	0.255433	0.307053
0	0	0	0	0	0	0.614038	0.286078	0.222599	0.293629
0	0	0	0	0	0.220978	0.505549	0.297319	0.244914	0.337616
0	0	0	0	0	1.355387	0.441957	0.232428	0.271322	0.404419
0	0	0	0	0	1.340801	0.524757	0.308568	0.274642	0.404941
0	0	0	0	0	0.262378	0.664288	0.403873	0.340552	0.42712
0	0	0	0	0	0.463333	0.832509	0.467493	0.426269	0.42003
0	0	0	0	0	1.368946	0.803118	0.561964	0.44608	0.361275
0	0	0	0	0.303903	0.825075	0.564395	0.610765	0.568635	0.312898
0	0	0	0	1.975616	0.607805	0.404955	0.435812	0.606166	0.318659
0	0	0	0	1.420042	0.580374	0.384163	0.348182	0.471028	0.306732
0	0	0	0	1.338465	0.731748	0.462245	0.360161	0.399121	0.239374
0	0	0	0	1.087858	0.719398	0.440452	0.339799	0.361664	0.170898
0	0	0	0.48812	1.14129	0.72362	0.38494	0.289947	0.271174	0.108216
0	0	0	1.495315	0.976241	0.686786	0.40175	0.23503	0.127066	0.042987
0	0	0.219549	0.630506	0.538746	0.380424	0.26465	0.149592	0.088573	-0.02179
0	0	1.173109	0.439098	0.344645	0.219648	0.161952	0.16523	0.140578	-0.05578
0	0	0.983853	0.500286	0.289015	0.166115	0.158152	0.212702	0.184343	-0.00471
0	0.267258	0.785072	0.481389	0.280728	0.182414	0.216851	0.237784	0.189033	0.062307
0	2.081415	0.534516	0.390923	0.253284	0.24449	0.248902	0.202395	0.131067	0.038487
0	1.56892	0.462904	0.330676	0.208458	0.249314	0.21775	0.153179	0.108589	0.048506
0	1.691156	0.563586	0.353498	0.214722	0.212757	0.181467	0.125407	0.123753	0.054436
0.536509	1.629215	0.658878	0.397688	0.242526	0.227063	0.204151	0.13807	0.125987	0.02834
1.678716	1.073018	0.672253	0.390526	0.237077	0.255251	0.249329	0.170633	0.146807	0.031764
0.834665	0.650157	0.484001	0.388585	0.220083	0.198107	0.221711	0.173242	0.168839	0.037072
0.480001	0.401435	0.296922	0.284939	0.259587	0.211504	0.17771	0.168832	0.141847	0.03537
0.236413	0.18952	0.136437	0.092617	0.12889	0.211531	0.198976	0.175748	0.125227	0.053075
0.110642	0.035107	0.008272	-0.04389	-0.02675	0.061466	0.189724	0.155617	0.098198	0.028829
0.096331	0.017019	-0.05071	-0.0905	-0.06619	-0.0239	0.067964	0.046972	-0.00385	-0.06413
0.085645	0.005321	-0.06339	-0.09914	-0.06924	-0.0287	0.007471	-0.04176	-0.08661	-0.12939
0.053143	-0.04291	-0.05402	-0.07399	-0.05225	-0.0252	-0.03018	-0.09572	-0.1183	-0.14107
0.039964	-0.04245	-0.03271	-0.04187	-0.0475	-0.053	-0.06568	-0.13986	-0.15345	-0.1466
0.022617	-0.04003	-0.044	-0.06311	-0.05679	-0.05754	-0.08499	-0.13523	-0.14956	-0.14852
0.025871	-0.01759	-0.03617	-0.0801	-0.0534	-0.0603	-0.116	-0.14126	-0.14528	-0.14592
0.166312	0.046246	0.009282	-0.02475	-0.03771	-0.07532	-0.12578	-0.13925	-0.1317	-0.13948
0.787555	0.350971	0.219923	0.138351	0.014979	-0.0431	-0.10017	-0.10434	-0.10632	-0.13665
0	0.109961	1.073314	0.590732	0.253226	0.083066	-0.00855	-0.02433	-0.05929	-0.07575
0	0	0	0.126613	1.311145	0.576223	0.347302	0.21834	0.206101	0.18105
0	0	0	0	0	0	0.10917	1.085466	1.438221	1.023607
0	0	0	0	0	0	0	0	0	0

[illegible]

20	21	22	23	24	25	26	27	28	29
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0	0	0	0	0	0	0	2.322301	0.733639	0.440952
0	0	0	0	0	0	0.652364	0.502408	0.306704	0.197021
0	0	0	0	0	0.566365	0.252509	0.297905	0.166406	0.055049
0	0	0	0	0.63316	0.351699	0.205745	0.183578	0.081324	0.012217
0	0	0	0.778555	0.38904	0.243571	0.175915	0.123013	0.045206	-0.01135
0	0	0.721785	0.436347	0.30178	0.127085	0.043429	0.05779	0.027616	-0.00961
0	1.154745	0.468215	0.32288	0.22311	0.110458	-0.00828	-0.04337	-0.01433	-0.03105
0.188398	0.632434	0.417857	0.210071	0.132265	0.05777	0.018974	-0.04617	-0.06961	-0.16575
0.623119	0.376797	0.234265	0.125492	0.030519	-0.02711	-5.97E-04	-0.02684	-0.14087	-0.1901
0.417974	0.222292	0.109385	0.044423	-0.00746	-0.04121	-0.05587	-0.06025	-0.1155	-0.09872
0.341563	0.148592	0.076599	-0.03523	-0.03399	-0.1024	-0.07141	-0.04915	-0.07861	-0.07603
0.290958	0.146996	0.085914	-0.00241	-0.01229	-0.04814	-0.06983	-0.05878	-0.10408	-0.09105
0.229	0.082808	0.026436	-0.02019	0.006874	-0.05591	-0.10159	-0.10818	-0.10021	-0.10714
0.11948	0.040811	-0.04923	-0.05363	-0.06226	-0.06864	-0.10467	-0.11617	-0.10899	-0.12852
0.055788	-0.00543	-0.07083	-0.06709	-0.13022	-0.10578	-0.10322	-0.10609	-0.11428	-0.13875
0.011072	-0.02986	-0.08709	-0.04701	-0.09713	-0.10258	-0.10958	-0.09494	-0.09865	-0.09093
-0.00995	-0.03841	-0.06717	-0.04858	-0.09628	-0.09081	-0.13308	-0.10904	-0.12662	-0.09217
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-0.01964	-0.0504	-0.04264	-0.09255	-0.08495	-0.08874	-0.1129	-0.12484	-0.102	-0.09005
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-0.12702	-0.12973	-0.15922	-0.13849	-0.16606	-0.2112	-0.15426	-0.16221	-0.17699	-0.15886
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-0.1548	-0.12212	-0.15073	-0.15983	-0.16791	-0.17775	-0.19905	-0.20042	-0.22864	-0.22663
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-0.13812	-0.12174	-0.15668	-0.18864	-0.18348	-0.1772	-0.23397	-0.1932	-0.18506	-0.20591
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-0.10045	-0.12989	-0.15811	-0.16895	-0.19264	-0.19526	-0.18592	-0.1997	-0.21864	-0.21162
-0.09271	-0.16015	-0.1634	-0.17964	-0.19992	-0.18901	-0.19831	-0.22194	-0.20779	-0.22159
-0.08869	-0.14775	-0.13697	-0.16392	-0.17961	-0.18939	-0.19124	-0.20513	-0.20008	-0.2196
-0.09926	-0.13698	-0.12589	-0.1409	-0.19293	-0.18133	-0.18082	-0.1883	-0.18887	-0.21196
-0.10255	-0.14112	-0.11654	-0.13434	-0.20545	-0.15932	-0.16541	-0.16982	-0.18396	-0.19494
-0.09208	-0.11242	-0.10183	-0.12157	-0.14304	-0.16776	-0.18213	-0.16801	-0.19857	-0.19307
-0.08228	-0.08702	-0.13528	-0.14301	-0.122	-0.17693	-0.19428	-0.16592	-0.18123	-0.16639
-0.08259	-0.07879	-0.11921	-0.15403	-0.12627	-0.15268	-0.1365	-0.12314	-0.1534	-0.12503
-0.06932	-0.0829	-0.11526	-0.13429	-0.13278	-0.16077	-0.12333	-0.10617	-0.11508	-0.12998
-0.05102	-0.09582	-0.13668	-0.14776	-0.13639	-0.15589	-0.1269	-0.12673	-0.13342	-0.135
-0.08327	-0.12242	-0.14032	-0.12957	-0.12539	-0.12967	-0.10027	-0.13582	-0.1388	-0.14059
-0.07621	-0.16169	-0.13891	-0.12048	-0.1248	-0.11845	-0.103	-0.14229	-0.15523	-0.1857
-0.10691	-0.161	-0.14281	-0.11872	-0.10541	-0.11032	-0.1453	-0.15692	-0.14827	-0.15779
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0.014943	-0.01291	0.016912	-0.00511	-0.01803	-0.0177	-0.01155	-0.0119	-0.01215	-0.00653
5.81E-04	-0.03518	-0.01048	-0.03234	-0.03953	-0.05447	-0.05524	-0.03468	-0.03493	-0.02376
-0.00113	-0.0282	-0.00997	-0.02987	-0.03916	-0.05574	-0.08148	-0.04325	-0.05367	-0.04222
-0.00949	-0.04557	-0.00376	-0.00586	-0.01744	-0.01816	-0.03529	-0.00538	-0.02555	-0.03977
-0.01356	-0.02679	0.013886	0.020051	-0.02038	-0.00944	0.005328	-0.01251	-0.00468	-0.00998
-0.01099	0.02472	0.043174	0.013114	-0.01259	-0.02379	-0.00379	-0.02987	-0.003	0.004969
-0.02901	0.010624	0.021277	-0.01219	0.008398	8.24E-04	0.003794	9.18E-04	0.019098	0.004116
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-6.51E-04	-0.00533	-0.02159	-0.04344	0.00748	-0.01645	-0.03388	0.00223	-0.01291	-0.04183
0.01136	0.002981	0.0018	-0.0214	-0.01038	-0.01597	-0.02332	0.006126	0.019949	0.001135
0.018719	-7.67E-04	-0.00333	0.008685	-0.04126	-0.01436	0.009812	-0.00178	-0.01123	9.27E-04
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-0.00962	-0.02579	-0.01258	-0.04544	-0.05691	-0.0347	-0.02123	-0.02403	0.010027	0.042957
-0.0352	-0.01855	-0.00393	-0.08704	-0.02688	-0.02254	-0.03402	-0.01869	-0.01803	-0.01566
0.014282	0.026645	0.003427	-0.07068	0.012057	-0.00183	-0.0329	0.004329	-0.0167	-0.03602
0.051589	0.05185	0.01473	-0.02284	-9.55E-04	0.010771	-0.00831	0.021847	0.016757	0.007718
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0.0116	0.001348	0.017059	-0.00348	-0.01716	0.013736	0.004185	0.005897	-0.02694	-0.00739
0.019615	0.015337	-0.00744	-0.01724	-0.00651	-0.0199	-0.0136	1.91E-04	-0.04589	-0.04838
0.009763	0.001316	-0.0222	-0.00819	-0.00353	-0.02808	-0.00354	0.02952	-0.00905	-0.03444
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0.008998	0.026343	0.013368	-0.02224	-0.02606	-0.01329	-0.01726	0.006159	0.00258	0.008107
0.038499	0.039652	0.024172	0.014166	0.014447	0.021546	0.025156	0.014257	0.019234	0.023842
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-0.03942	-0.08053	-0.0459	-0.07064	-0.00573	-0.00186	-0.02116	-0.03119	-0.01706	-0.03287
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3.94E-04	-0.02777	0.016243	0.0048	-0.02968	-0.01857	-0.03005	-0.03582	0.003908	0.026425
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-0.05455	-0.01628	-0.01137	-0.04313	-0.01766	0.003657	-0.01357	0.019966	0.013555	0.03893
-0.03289	-0.01786	-0.00933	0.004236	2.04E-04	0.027216	0.036508	0.054795	0.037917	0.032152
-0.02585	-0.02645	-0.04241	-0.00325	-0.01536	0.006163	0.046652	0.026386	-0.00758	0.003714
-0.01312	-0.02671	-0.01913	0.002983	0.004981	0.042305	0.051423	-0.0124	-0.00803	-0.00562
-0.01925	-0.01607	0.006875	-0.01031	0.022476	0.039954	0.030925	0.005766	0.04186	0.017908
-0.02856	-0.03365	-0.02415	-0.05019	-0.00998	-0.01053	0.003615	-0.00149	0.032096	0.018739
-0.02958	-0.03174	-0.01747	-0.05013	-0.01437	-0.00136	-0.00735	-0.01508	0.003055	-0.00647
-0.04508	-0.01315	0.002194	-0.02214	0.00578	0.025032	-0.00606	0.036926	0.041842	0.021894
-0.01833	-0.03973	-0.01844	-0.01443	-8.90E-04	0.008172	-2.42E-04	0.038899	0.021365	0.023371
-4.48E-04	-0.06524	-0.02819	1.52E-04	-0.0063	-0.02127	0.005426	0.018667	-0.00432	0.016201
-0.00273	-0.04001	-0.00791	0.009222	0.002723	0.00738	0.009647	0.015376	0.019574	0.024685
0.009173	-0.0347	-6.37E-04	0.020903	0.033343	0.02632	0.014377	0.010139	0.02497	0.023069
-0.0364	-0.06824	-0.02175	0.010134	0.026291	0.021767	0.011583	-0.00792	-0.00162	-0.00549
-0.05403	-0.05202	-0.02015	-0.01318	0.014597	0.043144	0.014962	-0.01051	-0.00379	-0.00325
-0.02513	-0.0082	-0.00499	-0.01015	0.041042	0.04284	0.022802	0.020846	0.017909	0.045833
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-0.04179	-0.03865	-0.05547	-0.00842	0.001316	0.005457	0.022853	0.020119	-0.00112	0.010728
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-0.03735	-0.02887	-0.02692	-0.00261	0.011677	-0.003	0.020833	0.028432	0.007569	-0.00869
-0.0032	-0.01179	0.010334	0.039054	0.036869	0.033346	0.054963	0.05441	0.053281	0.057116
0.00946	-0.00568	0.010367	0.036239	0.052608	0.03866	0.030423	0.045643	0.04134	0.02074
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-0.02203	-0.0208	-0.00993	0.003786	0.030467	0.063168	0.067378	0.056759	0.067779	0.058481
-0.04898	-0.03451	-0.00731	0.004478	0.02677	0.033136	0.008246	0.038387	0.050457	0.016317
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0.019599	-0.01426	-0.00753	0.002005	0.013234	0.012134	0.035701	0.049606	0.048542	0.043221
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0.002396	0.013121	-0.00364	-0.02465	0.024652	0.037564	0.055348	0.094423	0.081697	0.057461
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0.012498	0.005402	0.004156	0.021137	0.007005	0.026269	0.03621	0.055363	0.076872	0.089886
0.046667	0.017106	0.016537	0.015717	0.028262	0.039617	0.035771	0.033024	0.056198	0.068438
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0.01184	-0.00455	0.017811	-0.02057	0.006989	0.025839	0.053482	0.036785	0.055125	0.067692
0.002223	-0.00641	-0.01306	-0.03719	-0.01883	0.014606	0.05086	0.047314	0.035844	0.057952
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0.025576	-0.03687	0.012882	0.0119	-0.02962	1.59E-04	0.007441	0.028467	0.033887	0.047839
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0.027299	0.022106	0.049885	0.006253	0.005584	0.056606	0.036473	0.033617	0.043242	0.057479
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5.50E-04	-0.02663	-0.0172	0.001157	-0.04554	0.006689	0.030821	0.039235	0.043925	0.032753
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-0.09124	-0.10885	-0.04723	-0.04863	-0.04694	-0.04577	-0.05754	-0.04966	-0.03745	-0.05205
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-0.09123	-0.07148	-0.1091	-0.07851	-0.06985	-0.06817	-0.07031	-0.05308	-0.03938	-0.03929
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-0.01786	-0.01687	-0.00148	-0.01833	-0.02988	-0.02992	-0.02976	-0.05348	-0.05642	-0.02251
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0.083434	0.069722	-0.02636	0.016031	0.035452	0.007726	0.019885	0.063582	0.020614	-0.00282
0.139818	0.08865	0.013967	0.061233	0.026257	0.024432	0.057941	0.06493	0.04407	0.02285
0.113588	0.074527	0.087236	0.059731	0.009022	0.035854	0.08267	0.06523	0.064217	0.033389
0.100385	0.099899	0.12066	0.049287	0.039664	0.079564	0.098803	0.069984	0.087988	0.05921
0.118618	0.110531	0.126504	0.076699	0.091576	0.100016	0.094247	0.071656	0.082286	0.092067
0.094493	0.093201	0.117356	0.105878	0.117753	0.084534	0.076542	0.078333	0.046997	0.062952

0.06035	0.110715	0.115713	0.088711	0.12057	0.069014	0.075946	0.112491	0.071044	0.034699
0.100778	0.125771	0.116452	0.055165	0.073949	0.07627	0.12674	0.147249	0.118277	0.088829
0.084986	0.067394	0.072479	0.045324	0.0444	0.068919	0.11634	0.100342	0.086933	0.126354
0.038431	0.014733	0.018351	0.045731	0.010257	0.053682	0.062988	0.005226	0.002874	0.084047
0.02419	0.025656	0.048883	0.049895	-5.05E-04	0.060368	0.048038	-0.02648	0.016267	0.075129
0.035055	0.038892	0.051668	0.05165	-0.00118	0.028096	0.049718	0.008539	0.049215	0.071846
0.005195	-0.00251	-0.03264	-0.01242	-0.053	-0.03531	0.007359	-0.00472	-0.0025	0.004341
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0.052187	-0.02477	-0.04528	-0.02352	-0.02967	-0.04521	-0.00293	-0.04242	-0.03727	-0.01874
0.028713	-0.03947	-0.05106	-0.04057	-0.06536	-0.05474	-0.01758	-0.04922	-0.02859	-0.00319
0.026536	-0.02304	-9.19E-04	-0.01701	-0.05372	-0.03111	-8.23E-04	-0.02242	-0.00702	0.021409
0.037172	0.008737	0.044268	0.036048	0.001316	-0.00302	0.002023	-0.00732	-0.01725	-0.02139
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0.04228	0.025138	-0.01677	-0.02683	-0.0215	-0.01908	-0.01251	-0.03781	-0.02073	-0.04343
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0.037002	-0.0045	-0.03765	-0.0227	-0.03255	-0.02676	-0.02527	-0.03286	-0.0493	4.16E-04
0.02823	0.011401	-0.01755	7.10E-04	0.007922	-0.01356	0.00667	-0.01001	-0.01646	0.024314
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0.023613	-0.02674	0.006476	-0.00299	-0.077	-0.05635	-0.00811	-0.02476	-0.01273	0.013136
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0.043174	0.02437	0.012074	-0.01767	0.012637	0.017227	-0.01345	-0.04499	-0.06442	-0.02
0.003321	0.006153	-0.01809	-0.03878	-0.00476	-0.01908	-0.02373	-0.00118	-0.00394	-0.03559
0.016835	0.017763	-0.00958	-0.03395	-0.02917	-0.05104	-0.05642	0.011563	0.009012	-0.03159
0.073923	0.011984	0.003791	-0.02079	-0.06804	-0.0792	-0.05406	0.005243	-5.85E-04	-0.0092
0.073794	-0.02757	-0.01655	-0.01034	-0.06819	-0.07926	-0.01543	-0.01696	-0.02216	-0.01814
0.03685	-0.04272	-0.01309	-0.00883	-0.05017	-0.04853	-0.0298	-0.03922	-0.00678	-0.06506

0.047136	-0.01805	0.022366	0.012473	-0.03026	-0.02022	-0.03005	-0.03447	-0.00247	-0.0555
0.042503	-0.00777	0.013854	0.009841	-0.01457	-0.0068	-0.00896	-0.02964	-0.00646	-0.0125
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0.01144	-0.0038	-0.03383	-0.00679	0.00206	-0.02347	-0.03216	-0.03326	-0.07918	0.004857
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0.042521	-6.73E-04	-0.00507	0.005929	-0.02216	-0.00197	0.018653	-0.02654	-0.02182	0.032118
0.040308	0.005402	-0.00841	-0.02524	-0.04467	-0.00485	0.011749	-0.00224	-0.04805	-0.01073
0.044606	-0.00114	-0.00294	-0.02873	-0.06134	-0.01434	-0.01571	-0.00987	-0.0337	-0.03694
0.044295	0.018536	0.014714	-0.01759	-0.03508	0.012084	-0.01565	0.006339	0.030085	0.003104
0.039317	0.050289	-2.76E-04	-0.00778	0.017051	0.027941	0.004104	0.034053	0.039518	0.029688
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0.118434	0.064621	0.02467	0.030525	0.008053	-0.02836	0.01677	-0.031	-0.05418	-0.00639
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0.114804	0.016188	0.018122	0.028035	-0.02265	-0.02266	-0.04246	-0.00555	0.02951	0.019321
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0.118107	0.065409	0.042637	0.002774	-0.01196	0.012001	0.015681	-0.0132	-0.01064	-0.0184
0.157646	0.100336	0.031961	8.54E-04	-0.01684	-0.04012	-0.02857	-0.00285	-0.01728	-0.03131
0.194535	0.085681	0.027488	0.027832	-0.03196	-0.06227	-0.01565	0.014057	-0.02848	-3.80E-04
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0.124413	-0.02851	0.004552	-0.00399	-0.02216	-0.03517	-0.03782	0.001825	-0.02295	-0.00227
0.090596	-0.02824	0.029097	-0.01736	-0.0509	-0.03534	-0.02043	-0.01649	-0.02072	-0.01057
0.10352	0.036123	0.055202	-0.0079	-0.03154	0.007974	0.011832	-0.0173	0.001844	0.007264
0.134856	0.078156	0.03549	-0.03014	-0.01251	0.016671	-0.01379	-0.00472	0.004056	0.017062
0.187108	0.088534	-0.01248	-0.01475	0.002707	-0.02615	-0.05899	0.015075	0.006395	-0.00499
0.226157	0.06924	-0.01236	0.022411	0.01675	-0.04234	-0.02634	0.024845	-0.00785	0.004438
0.221018	0.055241	0.0207	0.029602	0.023937	-0.0226	0.013527	0.015393	-0.01742	0.020172
0.210539	0.024119	0.035354	0.029927	0.015447	-0.01869	0.011036	0.019206	-0.0101	0.020172
0.20568	0.048292	0.06849	0.037644	-0.0091	0.002173	0.02973	-0.00248	-0.00991	0.019588
0.202712	0.088437	0.06895	0.017306	-0.00446	0.058195	0.056965	-0.00163	0.02911	0.017626
0.252583	0.149215	0.062719	0.010526	0.017453	0.043341	0.013078	0.015059	0.027286	-0.0169
0.331782	0.191364	0.068343	0.044052	0.030087	-0.02638	-0.03649	0.030004	-0.02602	-0.04093
0.330345	0.13336	0.054507	0.079389	0.036834	-0.02936	-0.00269	0.033076	-0.07423	-0.01933
0.288315	0.121222	0.058926	0.082654	0.052009	0.003902	0.018098	0.007487	-0.08948	-0.01525
0.25289	0.16454	0.086833	0.062243	0.032336	-0.01634	-0.00258	-0.00328	-0.05283	-0.02573
0.229846	0.149326	0.08645	0.04977	-0.03737	-0.02491	-0.00697	-0.02253	-0.0244	-0.01752
0.256223	0.131797	0.070517	0.044706	-0.02617	-0.00651	-0.00671	-0.02519	0.011378	1.78E-05
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0.291567	0.089657	-4.65E-04	0.048716	0.034475	-0.02785	0.009185	0.039712	0.005306	-0.033
0.259102	0.085565	-0.00165	0.026983	0.021731	-0.02816	0.005279	-0.01498	-0.02961	-0.03208
0.232554	0.092068	0.013967	-0.02644	-0.00754	-0.03864	-0.02054	-0.03919	-0.054	-0.0462
0.16005	0.120847	0.055666	-0.02123	-0.02167	-0.0272	-0.02611	-0.05957	-0.06791	-0.02768
0.212187	0.173408	0.08254	0.008782	-0.01335	2.08E-04	-0.0014	-0.06472	-0.04237	-0.009
0.343725	0.200103	0.043348	0.002422	-0.02111	0.005785	0.007162	-0.03245	-0.02372	-0.02953

0.41262	0.191021	0.041893	0.026932	-0.02409	-0.02928	-0.0121	-0.03533	-0.03451	-0.04381
0.376585	0.1765	0.068251	0.043911	0.015263	-0.03237	0.012728	-0.00424	-0.02352	-0.03521
0.35753	0.18953	0.097491	0.043048	0.030312	-0.00434	0.041897	0.04541	1.63E-04	-0.02405
0.38166	0.226949	0.129011	0.045784	-0.00473	0.005736	0.049049	0.026987	-0.03569	-0.02104
0.413265	0.267635	0.137483	0.057233	0.008546	0.019102	0.001455	-0.00627	-0.03605	0.010875
0.457693	0.30613	0.126903	0.076909	0.064117	0.020356	-0.03667	8.05E-04	0.030155	0.033888
0.463682	0.289871	0.108195	0.113758	0.119297	0.030175	-0.00552	0.030696	0.045386	-0.01719
0.407969	0.276966	0.112182	0.118967	0.104426	0.037493	0.031897	0.061922	0.02404	-0.04868
0.33795	0.287113	0.128483	0.093942	0.058628	0.018713	0.041772	0.041662	0.009694	-0.01735
0.293923	0.293422	0.152523	0.095667	0.027936	-0.02093	0.028022	0.001064	0.016486	-0.01355
0.284217	0.310881	0.171026	0.040294	0.009977	-0.02623	0.040583	0.018431	0.018299	-0.00681
0.300817	0.310655	0.164236	0.004301	0.017755	-0.01223	0.021867	0.021983	0.009511	5.92E-04
0.258677	0.341497	0.174345	0.039892	0.057395	-0.04093	-0.0444	-0.01607	0.005405	-0.03288
0.20721	0.346898	0.143275	0.087247	0.052281	-0.09212	-0.05335	-0.00336	0.020699	-0.03371
0.210513	0.306865	0.122592	0.066216	0.014813	-0.0584	-0.00649	0.031008	0.029371	-0.00219
0.234235	0.303806	0.171959	0.072065	0.008546	-0.02861	0.004936	0.020846	0.029249	0.01432
0.224795	0.311947	0.238133	0.124345	0.028778	-0.03647	0.011152	0.002052	-0.00718	-0.01588
0.191011	0.298944	0.251486	0.121173	0.053536	0.016772	0.049429	0.002896	-0.02677	0.012021
0.167002	0.297972	0.212727	0.080308	0.018494	0.038377	0.028143	0.020812	0.032183	0.038721
0.176049	0.327895	0.209256	0.118485	0.043758	0.025959	-0.00917	0.044873	0.062635	-0.02366
0.205555	0.368021	0.273496	0.149349	0.110363	0.020203	0.021307	0.04081	0.029545	-0.02512
0.278821	0.419842	0.319632	0.140912	0.122124	0.032699	0.031116	0.026523	0.029789	0.045656
0.337203	0.441179	0.372736	0.195855	0.100026	0.046016	0.047371	0.07812	0.072292	0.09511
0.335479	0.439223	0.345494	0.186206	0.108747	0.102552	0.101936	0.097322	0.076852	0.134117
0.338119	0.427415	0.261462	0.190657	0.162292	0.136452	0.088093	0.108804	0.09809	0.132709
0.302097	0.412848	0.27138	0.244518	0.146692	0.085499	0.07608	0.142293	0.115423	0.108975
0.260235	0.463802	0.36674	0.242619	0.130914	0.110813	0.138084	0.139924	0.10188	0.102511
0.333559	0.522536	0.421157	0.242313	0.135816	0.179275	0.180759	0.109843	0.093363	0.164234
0.410569	0.520649	0.440723	0.269426	0.188247	0.25976	0.230689	0.141286	0.121279	0.209358
0.406058	0.425772	0.442242	0.299107	0.332757	0.344336	0.277804	0.200073	0.181367	0.259286
0.371494	0.446968	0.529047	0.438922	0.421831	0.340311	0.271695	0.293694	0.298796	0.285473
0.372412	0.546126	0.624688	0.487029	0.382116	0.285455	0.303915	0.377393	0.326299	0.301092
0.380124	0.549858	0.5867	0.375218	0.290918	0.207875	0.292812	0.358745	0.318775	0.400902
0.341631	0.534792	0.532458	0.327158	0.235032	0.200129	0.259378	0.304982	0.315869	0.344599
0.305959	0.50817	0.46035	0.296702	0.247603	0.298912	0.269468	0.275174	0.300906	0.270337
0.346105	0.478505	0.454051	0.324728	0.322218	0.276638	0.26241	0.239393	0.302243	0.326149
0.325502	0.5291	0.542854	0.431671	0.330236	0.179593	0.24097	0.270003	0.294639	0.349737
0.305234	0.594238	0.598436	0.424878	0.280506	0.183258	0.269648	0.294647	0.245045	0.30336
0.375917	0.604396	0.549537	0.319774	0.211428	0.2419	0.302423	0.246425	0.255734	0.304162
0.436399	0.575855	0.461257	0.279076	0.206972	0.253241	0.197196	0.209882	0.283025	0.316335
0.512687	0.508018	0.373589	0.2795	0.24248	0.233085	0.191539	0.212033	0.300224	0.283051
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0.744605	0.666047	0.440073	0.219981	0.269439	0.257997	0.190161	0.145125	0.162438	0.120007
0.679143	0.505787	0.297491	0.17679	0.212661	0.171345	0.096721	0.128881	0.124909	0.043943
0.658209	0.426024	0.205938	0.196281	0.154043	0.091456	0.048616	0.08894	0.089766	-0.00681

0.567703	0.33671	0.215529	0.207134	0.124176	0.040008	0.065384	0.082432	0.050055	-0.058
0.513754	0.296127	0.230325	0.116793	0.071323	0.052602	0.104742	0.041911	3.10E-04	-0.03409
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0.432584	0.215192	0.06671	0.074083	0.113697	0.084711	-0.02514	-0.03886	-0.0156	-0.02199
0.331414	0.167267	0.05158	0.080404	0.084126	0.041128	-0.03116	0.009842	-0.00859	-0.08798
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0.268141	0.169662	0.101975	0.063238	0.012968	-0.0517	-0.05116	-0.04518	-0.06734	-0.09744
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0.279207	0.116081	-0.03878	-0.0308	-0.01126	-0.03269	-0.08612	-0.09471	-0.12873	-0.10397
0.267736	0.052064	-0.03924	-0.01412	-0.00342	-0.05275	-0.09814	-0.08789	-0.11849	-0.12395
0.229502	0.071336	-0.01895	-0.02838	-0.05679	-0.13168	-0.11297	-0.0874	-0.12107	-0.13741
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0.114358	0.013283	-0.01661	-0.04489	-0.10283	-0.12209	-0.0933	-0.12591	-0.13715	-0.14872
0.119254	0.029286	-0.0119	-0.07286	-0.10264	-0.09631	-0.13476	-0.14279	-0.16268	-0.13944
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[illegible]

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0.272879	0.150883	0.170965	0.143833	0.111588	0.134637	0.106518	0.053011	0.064513	0.084885
0.130294	0.114841	0.043873	0.023844	0.050721	0.088897	0.046472	0.008077	0.010128	0.029608
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0.033401	0.003884	-0.05609	0.012376	0.006432	-0.0425	-0.04424	-0.04394	-0.03031	-0.05827
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-0.06936	-0.05356	-0.03802	-0.046	-0.04278	-0.02486	-0.06834	-0.07564	-0.00951	-4.26E-05
-0.04343	-0.05163	-0.03056	-0.02631	-0.01891	-0.01765	-0.03968	-0.02618	-0.00458	0.002271
-0.04598	-0.0648	-0.03314	-0.0213	-0.02656	0.008667	-0.01343	-0.02495	-0.00439	-0.01366
-0.05463	-0.04648	-0.04801	-0.03403	-0.04004	-0.01923	-0.04189	-0.06942	-0.04137	-0.04901
-0.04332	-0.0257	-0.04137	-0.02774	-0.03241	-0.02861	-0.03991	-0.05598	-0.02821	-0.03993
-0.06017	-0.04833	-0.03008	-0.0297	-0.04334	-0.02382	-0.00455	-0.01505	0.015978	-0.00454
-0.08241	-0.06101	-0.02223	-0.03445	-0.05989	-0.0297	-0.01152	-0.02475	0.009149	-4.62E-04
-0.04131	-0.01151	-0.00559	-0.03816	-0.05298	-0.01799	-0.01996	-0.02205	-0.00464	-0.00726
-5.44E-04	-0.00277	0.003987	-0.03206	-0.04851	-0.0177	0.00144	9.30E-04	0.008471	0.008333
-0.00908	-0.01864	-0.00628	-0.0339	-0.0628	-0.03466	-0.00166	-0.00113	0.008686	0.018267
-0.02049	-0.02542	-0.00741	-0.02395	-0.03224	-0.03043	-0.01078	-0.0142	-0.01515	-0.01839
-0.02935	-0.02171	0.002408	0.006705	3.58E-04	-0.02455	0.015668	-0.00663	-0.00573	-0.01887
-0.0388	-0.02438	0.01102	0.016291	-7.86E-04	-0.00965	0.036265	0.00116	0.011608	0.014797
-0.04212	-0.01811	0.004525	-0.01653	0.009168	0.015567	0.020339	-0.01416	-0.00712	0.019599
-0.034	0.001593	0.00694	-0.00378	0.041543	0.042318	0.013221	0.00928	0.003178	0.008415
-0.04028	-0.01846	0.025055	0.048723	0.040251	0.056909	0.050702	0.065453	0.044023	0.024524
-0.03121	-0.02126	0.025271	0.031599	0.005658	0.02473	0.056671	0.072477	0.040679	0.030369
0.003505	0.02216	0.029629	0.03305	0.033585	0.040255	0.038099	0.047697	0.020324	0.00692
-0.00807	0.036156	0.051994	0.054291	0.05115	0.045125	0.038325	0.050374	0.028283	0.019194
-0.03198	0.005955	0.039198	0.027358	0.006723	0.008403	0.03902	0.026234	0.019204	0.018166
-0.02054	0.010912	0.027804	0.020724	0.018724	0.040823	0.030465	0.00598	-2.08E-04	0.012731
0.010747	0.034146	0.051147	0.03695	0.076452	0.087629	0.038794	0.044239	0.025126	0.02379
0.008342	0.022126	0.026802	0.007269	0.05733	0.06976	0.042669	0.070952	0.050187	0.03668
-0.00193	0.011613	-0.00684	-0.01502	0.004709	0.027753	0.018594	0.049602	0.03	0.007035
-0.00876	0.01938	0.009672	0.009466	0.00886	0.03451	0.030959	0.040376	0.019017	-0.0162
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-0.01589	-0.01604	0.01441	-0.00458	0.016208	0.057554	0.041915	0.010922	0.017731	0.044513
-0.00154	0.011162	0.02401	-0.00686	0.018592	0.057093	0.037805	0.042376	0.020137	0.0159
0.011082	0.019805	0.049019	0.02089	0.005658	0.035316	0.064933	0.08343	0.079658	0.047366
-0.02183	-0.01921	0.019134	0.022089	0.006351	0.011779	0.056201	0.056895	0.0657	0.078806
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0.006033	0.010829	0.016049	0.054237	0.079134	0.059071	0.056255	0.052475	0.050388	0.069975
0.001468	-0.01272	0.021252	0.040851	0.034222	0.055436	0.077211	0.05065	0.013946	0.079483
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-0.00536	0.015791	0.028975	0.035486	0.031238	0.030676	0.004961	0.052586	0.102089	0.059725
-0.01985	-0.01383	-0.0093	0.022073	0.012985	0.008981	0.018727	0.063402	0.064024	0.069994
-0.03026	-0.00361	0.007226	0.045103	0.011448	-0.00762	0.032583	0.063023	0.026314	0.0289
-0.04237	-0.00553	0.039164	0.055442	0.040041	0.022851	0.06972	0.055256	0.023994	0.022751
-0.04667	-0.01071	0.026902	-0.01439	0.042735	0.045269	0.073826	0.028623	0.02578	0.030785
-0.01587	0.029771	0.022357	-0.06579	0.037347	0.054189	0.042195	0.013026	0.038051	0.039376
0.028575	0.05113	0.052259	5.99E-04	0.058474	0.063446	0.018445	0.042069	0.073371	0.06971

0.024442	0.033584	0.054013	0.042386	0.018177	0.051213	0.02009	0.044148	0.067572	0.08201
0.003637	0.01848	0.01373	0.0249	0.006933	0.042407	0.031096	0.032682	0.031358	0.037348
0.027095	0.034868	0.035271	0.072803	0.065277	0.065716	0.063404	0.052438	0.038636	0.027608
0.024701	0.024958	0.054333	0.072372	0.059987	0.093625	0.067859	0.054011	0.06155	0.070279
-0.02096	-0.0079	0.047197	0.036071	0.038961	0.077519	0.047268	0.018698	0.03963	0.068499
-0.02225	0.001609	0.063162	0.036571	0.074541	0.060592	0.038204	0.03525	0.040288	0.076394
0.005503	-0.01127	0.064487	0.041495	0.071906	0.064139	0.055984	0.064426	0.07688	0.080823
0.001107	-0.01283	0.042367	0.017923	0.035359	0.048348	0.045324	0.042701	0.034121	0.029574
0.001894	0.017057	-0.00553	0.022039	0.02626	0.02865	0.041233	0.076814	0.01736	0.016654
-0.01299	0.022554	0.006351	0.04867	0.036568	0.008403	0.040535	0.093811	0.056034	0.063408
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0.006447	0.064389	0.082664	0.058206	0.056786	0.053274	0.00704	0.047825	0.043234	0.035663
0.013316	0.011346	0.042384	0.031684	0.026074	0.055124	0.04216	0.063421	0.0462	0.038899
-0.00415	-0.02047	0.015285	0.006979	0.001953	0.022783	0.030754	0.045237	0.024611	0.008794
-0.00882	0.005346	0.027937	0.04005	0.04725	0.036862	0.047712	0.068433	0.047103	0.010014
-0.02941	-9.29E-04	0.024756	0.06907	0.067333	0.055051	0.06719	0.052586	0.047284	0.024729
-0.04605	-0.01151	0.027787	0.045807	0.029141	0.022596	0.033956	-0.00167	0.026279	0.031496
-0.01884	0.021955	0.03217	0.013143	0.021305	0.017297	-6.44E-04	-0.02433	0.018171	0.034928
0.012072	0.02293	0.027203	0.010667	0.002912	0.032066	0.029545	0.013769	0.011824	0.030629
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0.02555	0.03383	0.038222	0.03182	0.004837	0.017853	0.013499	0.036067	0.00557	0.017729
0.032889	0.024166	0.051747	0.039512	0.007466	0.026067	0.055207	0.050963	0.029496	0.068669
0.002469	0.01342	0.044532	0.011936	-0.00529	0.024679	0.034386	-0.0089	0.026279	0.06971
0.022063	0.063429	0.069351	0.003146	0.009152	0.048674	0.033355	0.00746	0.027729	0.049314
0.006049	0.043803	0.046551	0.00693	-0.01285	0.033583	0.03207	0.044257	0.052835	0.046341
-0.01147	0.010729	0.011841	0.004537	-0.02046	0.009228	0.029988	0.020926	0.028698	0.027901
0.025688	0.03974	0.027687	0.036002	0.023062	0.002867	0.026934	0.02308	0.017512	0.005169
0.021548	0.050071	0.064142	0.072278	0.039902	0.029151	0.041635	0.041726	0.036937	0.04321
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-0.02192	4.55E-05	0.041314	0.017956	0.020304	0.053658	0.02256	-0.01971	0.011175	0.071971
3.05E-04	0.011162	0.036275	0.034112	0.051633	0.059757	0.012402	0.028553	0.038529	0.043156
0.010228	-0.00831	0.007242	0.005371	0.013641	0.026737	-0.04895	0.027104	-0.00602	0.008728
0.012593	-0.03963	-0.03311	-0.02408	-0.00803	-0.00968	-0.07152	-0.02781	-0.02333	-0.03036
0.036268	-0.01692	-0.01858	0.029762	0.02758	0.011896	0.006459	-0.03746	-0.00624	-0.01573
0.015157	0.019006	0.011422	0.053627	0.049383	0.024713	0.044144	0.009715	0.008272	0.04088
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0.004709	0.051405	0.037794	-0.00263	0.014429	0.026858	-0.00141	-0.00192	0.01507	0.02797
0.024909	0.060821	0.038975	0.013306	0.021389	0.042924	0.015636	0.036103	0.031009	0.013114
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0.01536	0.008004	0.01297	0.001871	-0.02061	-0.00149	-0.02433	0.010352	0.004569	-0.01113
0.037888	0.031499	0.043387	0.029965	0.019688	0.029359	0.011047	0.046912	0.037927	0.004826
0.006447	0.017142	0.044063	0.040259	0.027783	0.028132	0.053856	0.044547	0.042661	0.020647
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0.024701	0.025302	0.03764	0.036812	0.004387	-0.00276	0.010493	0.007444	6.53E-04	-0.00159
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0.008275	0.010345	0.025504	-0.01655	-0.01446	-0.02553	0.007994	0.014547	-0.0036	0.003246
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0.010345	-0.00464	0.003687	0.019247	0.00703	0.009757	0.040413	0.033389	0.001156	2.00E-04
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0.04127	0.04845	0.051659	0.048687	0.042577	0.025347	0.020206	0.015615	0.026245	0.032173
-0.02009	-0.0107	0.050337	0.037693	0.016357	0.02617	0.016939	-0.01969	-0.00759	0.038564
-0.01481	0.00372	0.047617	0.03119	0.022727	0.03238	0.02427	-0.00348	0.011075	0.046036
0.044335	0.063241	0.067809	0.052552	0.046223	0.056098	0.041076	0.034735	0.045425	0.054168
8.12E-04	0.029876	0.056791	0.038697	0.033757	0.041712	0.02174	0.017214	0.015826	0.018284
-0.03895	-0.00737	0.005017	-0.01195	0.00272	-0.00147	-0.02028	0.017862	-0.01341	-0.03184
0.001632	0.006087	-0.00413	-0.00404	0.013608	0.013127	0.015454	0.044058	0.02029	0.01788
0.015597	0.009763	0.020479	0.020342	0.01073	0.019642	0.025196	0.004687	0.021158	0.046538
0.016852	0.022793	0.031968	0.018237	-0.01204	0.007613	0.005846	-0.0293	-0.01288	0.019363
0.02753	0.046057	0.050319	-6.22E-04	0.008081	0.040876	0.018362	-0.00797	0.027383	0.043085
0.008192	0.034692	0.031327	-0.02154	0.010795	0.038202	0.025381	0.011258	0.033087	0.023432
-0.00217	0.018242	0.010008	-0.02549	-0.00494	0.002233	-0.00494	-0.01066	-0.01681	-0.05575
0.014328	0.028745	0.028506	0.007591	0.030146	0.0062	-0.00988	0.009163	0.001059	-0.03356
0.013384	0.027999	0.037708	0.036467	0.076187	0.055547	0.031916	0.048814	0.039665	0.023517
-0.00933	-0.01839	0.009479	0.010959	0.03884	0.051213	0.052527	0.030165	0.034665	0.027454
-0.03437	-0.01912	0.009399	-0.00407	0.001985	0.013961	0.034386	0.01	0.028906	0.029816
-0.01656	0.025647	0.044202	0.008269	0.010714	0.026823	0.0256	0.02384	0.038175	0.040384
0.007493	0.030015	0.04568	0.001028	0.012772	0.015199	0.01717	0.026477	0.024611	0.02947
-0.00507	0.016111	0.024458	-0.01022	0.009688	0.003193	-0.00407	0.011712	0.015994	0.005675
0.012626	0.030416	0.035696	0.018419	0.022242	0.018409	0.008399	0.027907	0.024474	0.013963
0.033948	0.003097	0.02071	0.042508	0.028309	0.014697	0.021523	0.011426	0.011525	0.020495
0.025013	-0.04036	-0.00996	0.014698	-0.01386	0.006906	0.011259	-0.01657	-0.01448	0.011619
0.016444	0.001756	0.014312	-0.00285	-0.01285	0.030693	0.006378	2.41E-04	0.020664	0.027454
-2.16E-05	0.034252	0.065324	0.022657	-0.0036	0.038502	0.010135	0.005964	0.045569	0.030594
-0.03446	0.005741	0.031749	-0.0368	-0.03781	0.008354	0.01871	0.003893	0.003733	-0.00979
-0.02571	0.006681	-0.00335	-0.06717	-0.01536	-0.00486	0.024438	0.017095	-0.00113	-0.01228
0.009075	0.02305	0.025603	-0.01832	0.030095	0.008783	0.027458	0.024273	0.01682	0.019009
0.021239	0.008518	0.020003	0.007914	-0.00489	0.003942	0.027678	0.002722	0.011708	0.042996
0.008975	-0.01288	-0.00769	0.005323	-0.04686	-0.0203	-0.00256	-0.03977	-0.01314	0.011006
0.005751	0.012198	0.019101	0.017742	-0.02111	-0.03262	-0.01068	-0.03752	5.23E-04	0.00349
0.026973	0.038211	0.022093	0.027257	-0.00137	-0.05487	0.002317	-0.01052	-0.00166	0.008711
-0.00628	0.021152	0.01168	0.00195	-0.00525	-0.03109	-0.01656	-0.02049	-0.01612	-0.01377
-0.0176	0.043641	0.037025	0.011512	0.016572	0.016557	-0.00552	0.00786	-0.0017	-0.02283
0.012072	0.056226	0.044584	0.02638	-0.01515	0.013577	0.006265	0.024117	-0.00692	-0.00599
-0.00615	0.027081	0.018807	0.026987	-0.04933	-0.03229	-0.02665	-0.01329	-0.02985	-0.02538
9.76E-04	0.00885	0.028238	0.037814	-0.02472	-0.03397	-0.01226	-0.01366	-0.02399	-0.03236
0.049249	0.042977	0.072248	0.05082	0.002528	-0.00249	0.043002	-8.06E-04	0.00171	0.011437
0.014616	0.044091	0.051553	0.033101	6.13E-04	-0.02267	0.021958	-0.01335	-0.00395	6.84E-04
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0.007659	0.017176	0.032863	0.048209	0.046064	0.03762	0.034799	0.039569	0.042965	0.006986
0.025862	0.002639	0.017679	0.05546	0.057674	0.047933	0.05215	0.056037	0.016466	-0.00608
0.010445	-0.00924	-0.01219	0.009952	0.040809	0.014496	0.037822	0.005466	-0.02304	-0.01778
0.035045	0.01831	0.015009	0.033136	0.04342	0.003845	0.029426	-0.01095	-0.00696	0.028125
0.060163	0.064823	0.064414	0.078007	0.055122	0.012095	0.017882	0.007677	0.016062	0.052799
0.025047	0.046582	0.042903	0.04447	0.0267	0.010999	0.011667	0.010217	-7.91E-04	0.002012

0.02117	0.033777	0.044845	0.048386	-7.63E-06	0.037638	0.01974	0.003481	0.008835	-0.01565
0.066229	0.055856	0.036411	0.069591	0.052943	0.093545	0.05038	0.006994	0.023137	0.017948
0.071957	0.056282	0.002581	0.027628	0.05617	0.066601	0.055532	0.029096	0.011125	0.038634
0.014008	0.040596	0.007721	-0.00628	0.019905	0.01095	0.003613	0.026495	0.017866	0.024729
0.012811	0.029354	0.038085	0.048475	0.043701	0.034405	0.024876	0.031114	0.036196	0.045946
0.004462	0.028797	0.056184	0.062138	0.057402	0.077152	0.064859	0.053807	0.058477	0.070564
-0.02436	0.011513	0.033997	0.00489	0.034807	0.050069	0.046613	0.034008	0.031776	0.04591
0.020742	0.01203	0.041055	-0.00967	0.023515	0.030815	0.048138	0.018579	0.024663	0.049187
0.058253	0.043013	0.068763	0.022991	0.051562	0.060537	0.068751	0.041889	0.062186	0.068839
0.038405	0.072344	0.075481	0.06066	0.080472	0.072656	0.070673	0.077224	0.078549	0.046664
0.054496	0.086575	0.073954	0.087112	0.089502	0.043371	0.043774	0.085558	0.071474	0.048032
0.077156	0.096633	0.08791	0.131666	0.121024	0.060276	0.082539	0.106158	0.077558	0.092188
0.07298	0.094708	0.115073	0.139113	0.112741	0.091484	0.121518	0.106953	0.086888	0.094569
0.059413	0.05903	0.084869	0.080403	0.053446	0.041926	0.064214	0.052919	0.045389	0.071838
0.066039	0.074134	0.083899	0.084794	0.063451	0.0488	0.090256	0.056783	0.045425	0.095895
0.074296	0.087628	0.090972	0.101368	0.104998	0.114436	0.139961	0.110107	0.103445	0.090793
0.018605	0.035009	0.074773	0.076303	0.092227	0.1218	0.105403	0.091177	0.10835	0.067649
-0.01352	0.013152	0.066035	0.036002	0.092384	0.09717	0.075506	0.077283	0.102561	0.070336
0.052113	0.060074	0.06704	0.043313	0.113381	0.103013	0.098152	0.128532	0.131105	0.100957
0.077175	0.065692	0.070345	0.067456	0.085728	0.094529	0.099488	0.113857	0.104991	0.117921
0.03937	0.034322	0.027988	0.050251	0.038735	0.055749	0.083251	0.081016	0.052158	0.071229
0.059676	0.063391	0.020825	0.052552	0.044916	0.060667	0.124598	0.108527	0.06949	0.08127
0.078445	0.099506	0.085174	0.081664	0.084104	0.092443	0.133128	0.122759	0.106751	0.132498
0.04684	0.079821	0.115196	0.082085	0.070052	0.069343	0.067395	0.029166	0.094321	0.134407
0.017617	0.051972	0.090586	0.049415	0.068355	0.075898	0.031045	0.011763	0.10908	0.12299
0.034567	0.076338	0.121225	0.090027	0.137861	0.142176	0.09674	0.114624	0.135957	0.123247
0.050623	0.053441	0.102171	0.132461	0.130734	0.117879	0.147684	0.112158	0.101904	0.118196
0.015411	0.01699	0.036906	0.068049	0.073278	0.039192	0.084813	0.017776	0.051409	0.07524
0.01658	0.050838	0.048685	0.067475	0.082351	0.037426	0.055424	0.037457	0.071168	0.080434
0.073154	0.104482	0.105995	0.129696	0.111917	0.085458	0.103705	0.098388	0.081356	0.115387
0.07084	0.069759	0.067187	0.107537	0.067296	0.084357	0.087778	0.043659	0.03915	0.107895
0.025359	0.029302	0.041314	0.068494	0.017547	0.040096	0.056979	0.018493	0.052634	0.099777
0.018349	0.034921	0.082987	0.061864	0.054508	0.092303	0.093988	0.040089	0.087403	0.104309
0.032889	0.041686	0.069333	0.05483	0.062514	0.082808	0.090863	0.044801	0.043628	0.083631
0.036944	0.056633	0.028439	-0.01326	-0.00659	0.018696	0.032532	0.033354	0.018848	0.050726
0.008075	0.052229	0.039816	-0.00586	0.006045	0.051668	0.041898	0.053882	0.038051	0.053602
0.021599	0.070428	0.080433	0.051409	0.080529	0.101336	0.086924	0.082815	0.065719	0.089502
0.075714	0.079587	0.047512	0.028592	0.069212	0.06156	0.070374	0.072942	0.070939	0.105583
0.084615	0.039028	0.016017	0.026077	0.021623	0.009162	0.050487	0.052494	0.034331	0.058616
0.03485	0.012884	0.051306	0.065222	0.037572	0.022528	0.06606	0.056876	0.055794	0.061749
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0.0113	0.010229	0.007386	0.045508	0.056532	0.029221	0.087603	0.069758	0.043592	0.068953
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0.007277	0.028936	0.062292	0.034918	0.038648	0.059515	0.085702	0.067399	0.054469	0.037243
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0.008841	0.023977	0.015675	0.039963	0.041543	0.005463	0.046578	0.04252	0.025711	0.048663
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-0.06484	-0.02778	-0.04656	-0.06256	-0.03225	-0.04612	-0.05551	-0.05512	-0.04565	-0.05844
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-0.05815	-0.04776	-0.03997	-0.01199	-0.04584	-0.07913	-0.01617	-0.03552	-0.06183	-0.03205
-0.06142	-0.04531	-0.02298	-0.00152	-0.06967	-0.06346	-0.00521	-0.05111	-0.03689	-0.0227
-0.054	-0.03334	-0.01602	-0.01226	-0.05675	-0.03175	-0.0154	-0.06173	-0.02099	-0.02108
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-0.07344	-0.04248	-0.05055	-0.07555	-0.06708	-0.01824	-0.02137	-0.06057	-0.06547	-0.06161
-0.06481	-0.03439	-0.04504	-0.06337	-0.04864	-0.00159	-0.02923	-0.05931	-0.04015	-0.05283
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-0.01153	-0.01737	-0.00198	0.007188	-0.03887	-0.00572	-0.00777	-0.02881	-0.06337	-0.05326
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-0.01477	-0.01212	-0.01805	0.015141	-0.00573	-0.02816	0.019823	0.003893	-0.01717	0.007938
0.01229	0.013923	0.024209	0.054848	0.015532	0.018088	0.062412	0.034416	0.027021	0.025361
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0.015394	0.042959	0.006653	0.010423	0.013198	-0.04116	-0.02083	-0.02874	-0.04315	-0.0388
0.041612	0.049761	0.052136	0.052713	0.024844	-0.01023	-0.02019	-0.04056	-0.02255	-0.02979
0.048992	0.0433	0.054724	0.046512	0.016505	-8.77E-04	-0.01116	-0.03851	-0.03613	-0.03915
0.069841	0.074346	0.088217	0.083562	0.047782	0.025158	0.032549	0.010603	0.003194	0.020394
0.064539	0.078572	0.124386	0.117685	0.074352	0.059571	0.064546	0.054382	0.028023	0.059855
0.028296	0.07267	0.116301	0.078121	0.065332	0.0842	0.0689	0.057306	0.029461	0.020901
0.014447	0.118393	0.1247	0.067716	0.07687	0.094368	0.065358	0.079617	0.068349	0.010097
0.068863	0.097141	0.078475	0.102089	0.12919	0.100948	0.064933	0.093263	0.104372	0.049513
0.110695	0.066336	0.02978	0.094359	0.111917	0.066092	0.05472	0.076345	0.088814	0.07782

0.081608	0.090582	0.069701	0.086241	0.094396	0.053055	0.050023	0.08234	0.051135	0.07323
0.109495	0.12092	0.128244	0.132655	0.152273	0.123774	0.114222	0.124587	0.081297	0.08516
0.099746	0.092067	0.13271	0.154447	0.158298	0.165515	0.163324	0.137967	0.126327	0.101711
0.039907	0.059216	0.109188	0.128352	0.113277	0.135697	0.125191	0.106849	0.11944	0.109615
0.059189	0.092751	0.1354	0.130894	0.105687	0.124915	0.112942	0.101934	0.122848	0.11879
0.087743	0.116135	0.147271	0.140403	0.119221	0.116989	0.119944	0.104635	0.098961	0.123719
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-0.00607	-0.01551	-0.02505	5.35E-04	0.036222	0.021371	0.024069	0.023183	0.036126	0.063501
0.025272	0.00272	0.012147	0.01832	0.024339	0.040663	0.060344	0.001274	0.00852	0.043317
0.001763	-8.48E-04	-0.00301	0.020824	0.001234	0.019541	0.042301	-0.01332	-0.01446	0.028142
0.002222	-0.01783	-0.03995	0.005483	-0.02545	-0.00862	0.025128	-0.03118	0.00552	0.015064
0.003192	-0.01353	-0.0067	0.029762	0.002336	0.027202	0.034954	-0.00385	0.037892	0.034316
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6.00E-04	-0.0039	0.03099	0.034918	0.0069	0.023141	0.046613	0.028116	0.031986	0.053255
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0.002847	0.006384	0.008295	0.02527	0.026835	0.035773	0.047286	0.074261	0.075855	0.066181
0.007011	8.59E-04	0.009271	-0.02416	-0.0261	0.004857	0.021106	0.028956	0.030417	0.055578
0.004198	-0.01187	-0.02015	-0.0531	-0.0306	-0.00735	0.0238	0.006279	-0.01251	0.031739
0.026677	-0.00406	-0.01336	-0.0195	0.004195	5.94E-04	0.03829	0.023754	0.001449	0.055762
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0.021995	0.035979	0.029277	0.031786	0.009428	0.002932	0.024926	5.03E-04	0.043844	0.075029
-0.00686	-0.01567	0.025487	0.02366	-0.00283	0.00875	0.022192	0.006661	0.043234	0.058025
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-0.01636	0.017379	3.32E-04	-0.03327	-0.02587	0.020998	0.047942	0.044148	0.062335	0.053858
0.015394	0.022194	-0.00471	-0.02468	-0.02671	0.014747	0.030345	0.045019	0.078335	0.039659
0.008775	-0.01614	-0.03292	-0.02039	-0.03299	0.021184	0.017352	0.037386	0.086947	0.017024
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9.28E-05	0.027618	0.019298	0.021723	0.040303	0.027374	0.031181	0.01215	0.025918	0.094609
0.022906	-0.00575	0.002881	0.017296	0.020988	0.011381	-0.00163	-0.01642	0.069852	0.085494
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3.54E-04	-0.03209	0.024657	0.02574	0.016505	8.21E-04	0.035229	0.011241	0.037202	0.038334
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0.005718	-0.01258	0.02978	0.042945	0.024894	0.006266	0.033029	0.045492	0.066247	0.03874
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0.014193	0.019023	0.043682	0.02527	0.001043	0.019862	0.031489	0.031079	0.01554	0.043834
0.015715	0.025147	0.025321	-0.00541	-0.00303	-0.01803	-0.02918	0.017862	0.002671	0.006477
0.014886	0.022451	6.31E-04	-0.03124	-0.02285	-0.04336	-0.05271	0.021459	0.010377	0.042996
0.011149	-0.00302	0.004066	-0.00941	-0.04143	-0.03861	0.015603	0.026808	-5.48E-04	0.04505
0.00237	-0.0058	0.014701	-0.0079	-0.01862	-0.01951	0.027593	0.021769	-0.00902	0.032451
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0.004132	0.052449	-0.00262	0.015535	0.041788	0.041196	0.099848	0.126687	0.123193	0.080337
0.035169	0.062827	-0.01225	0.027628	0.054202	0.026754	0.139611	0.14011	0.121838	0.133616
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0.094962	0.069091	0.150651	0.156238	0.175556	0.223522	0.194108	0.184214	0.240198	0.215333
0.109369	0.136021	0.142632	0.174918	0.235381	0.250906	0.207736	0.267971	0.247449	0.24616
0.130691	0.135332	0.127823	0.192014	0.222452	0.240993	0.286263	0.30399	0.215746	0.293798
0.191766	0.128612	0.164232	0.263137	0.239612	0.262469	0.352005	0.320592	0.267008	0.332245
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0.151629	0.182373	0.190449	0.214227	0.228464	0.245267	0.258048	0.238636	0.208582	0.233681
0.161351	0.189106	0.212431	0.242458	0.263329	0.252465	0.280617	0.300182	0.294047	0.298009
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0.078485	0.102419	0.09589	0.13737	0.168397	0.156659	0.150597	0.168583	0.241101	0.245051
0.022924	0.024631	0.03126	0.073384	0.06561	0.067073	0.12604	0.147981	0.141943	0.157464
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[illegible]

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0	0	0	0	0.223214	1.224812	1.642715	0.474085	1.599888	0.232396
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0.232737	0.223207	0.191065	0.247824	0.251952	0.246192	0.258865	0.250393	0.232151	0.277974
0.070522	0.048741	0.075247	0.109903	0.089527	0.111317	0.145317	0.141224	0.137009	0.167366
0.005711	0.008508	0.03423	0.050208	0.04727	0.028726	0.034865	0.018386	0.036482	0.04485
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-0.02546	-0.04116	-0.06532	-0.04352	-0.05478	-0.06273	-0.04677	-0.0474	-0.06431	-0.06483
-0.00392	-0.04316	-0.07292	-0.02979	-0.02796	-0.0646	-0.02646	-0.02291	-0.05779	-0.04517
0.006099	-0.0316	-0.0307	-0.01053	-0.02569	-0.03842	-0.00713	0.002728	-0.01972	-0.01629
-0.0098	-0.02765	-0.01126	-0.03005	-0.05454	-0.04057	-0.04807	-0.02984	-0.01189	-0.00926
0.003552	0.015448	-0.00891	-0.02976	-0.01734	-0.01343	-0.05736	-0.0282	0.009306	0.003001
0.014229	0.037253	-0.00351	-0.00783	0.017729	0.023358	-0.022	0.012842	0.020023	0.016905
-0.01182	-0.01047	-0.03036	-0.01153	5.79E-04	0.012717	-0.00893	0.004088	0.007137	-0.00212
-0.00836	-0.02858	-0.04918	-0.01622	-0.01168	-0.01634	0.001259	-0.02696	-0.00814	-0.01938
1.56E-04	-0.00944	-0.01911	0.003758	0.006226	-0.0099	0.032761	6.88E-04	1.08E-04	0.006273
-0.02713	-0.02243	-0.0068	0.004671	-0.01069	-0.00399	0.033303	0.004614	-0.00865	0.024264
-0.01705	-0.00738	-0.00973	-0.03338	-0.03043	-0.01749	-0.00547	-0.01958	-0.00964	0.007213
0.016509	0.040903	0.008897	-0.01677	0.006029	-0.01771	-0.02587	0.00399	0.009629	-0.01227
0.028824	0.043135	0.041673	0.02338	0.021762	0.023459	0.004243	0.009622	0.017159	-0.01252
0.033846	0.01757	0.019613	0.003295	0.005799	0.023577	0.023968	0.004187	0.026009	-0.00472
0.029797	0.008378	-0.00904	-0.00644	0.004423	-0.01049	0.02073	0.019916	0.042823	0.009571
0.015054	0.02623	0.0184	0.002138	0.010767	0.007738	0.031258	0.047533	0.055037	0.029064
-0.00909	0.025587	0.026472	-0.01475	0.013499	0.026068	0.036176	0.032926	0.043345	0.038756
0.004985	0.04347	0.018781	-0.03718	0.021626	0.03221	0.039273	0.02087	0.064026	0.034763
0.034744	0.053138	0.020239	-0.02108	0.027142	0.043699	0.05009	0.042072	0.09522	0.041117
0.032865	0.015001	0.018937	0.001923	0.008417	0.036174	0.047615	0.026951	0.068416	0.038494
0.04287	0.013073	0.009371	0.010773	0.016853	0.025745	0.030079	0.015294	0.020353	0.009017
0.083469	0.060798	0.036968	0.054023	0.049769	0.045987	0.057675	0.041195	0.022574	0.020937
0.060197	0.064504	0.054255	0.061944	0.036746	0.04581	0.055584	0.054242	0.048358	0.041836
0.004646	0.00609	0.040669	0.02618	-1.34E-04	0.049326	0.042272	0.03156	0.025859	0.04268
0.011191	0.017055	0.047668	0.026214	0.028869	0.065412	0.025696	0.037138	0.024405	0.018417
0.042149	0.038908	0.039759	0.024369	0.070277	0.071707	0.025064	0.056699	0.056005	0.016855
0.032469	0.015348	0.023642	-0.00466	0.0339	0.057249	0.0341	0.021314	0.048905	0.041239
0.036683	0.021526	0.019197	-0.00807	0.014335	0.035653	0.029172	0.017065	0.044515	0.022144
0.046653	0.043912	0.041819	0.028471	0.04608	0.045436	0.041357	0.05167	0.055216	0.026208
0.02636	0.049993	0.055761	0.042189	0.039681	0.065021	0.04965	0.035776	0.035865	0.038477
0.023405	0.060854	0.036047	0.024751	0.023845	0.073902	0.03797	0.003301	0.012995	0.028076
0.052768	0.07139	0.009032	0.026686	0.062615	0.081652	0.036415	0.056625	0.059319	0.046604
0.066712	0.046746	0.001758	0.032842	0.046116	0.08768	0.063793	0.091014	0.107851	0.097828
0.074403	0.056742	0.023905	0.033001	0.028437	0.077521	0.050989	0.071146	0.095573	0.098928
0.088191	0.060578	0.009473	0.052241	0.071077	0.06866	0.059831	0.090153	0.086184	0.073676
0.071085	0.056688	0.039668	0.06661	0.071707	0.069824	0.083954	0.085218	0.085914	0.052882
0.038387	0.054493	0.064432	0.029647	0.032152	0.066361	0.074464	0.063589	0.083117	0.037867
0.022917	0.046231	0.025732	0.004289	0.046513	0.075193	0.040908	0.068434	0.080376	0.027804
0.063156	0.085947	0.013528	0.025221	0.078872	0.093772	0.051484	0.100377	0.089427	0.03886
0.072628	0.053427	0.023099	0.032046	0.055307	0.089367	0.058518	0.063081	0.090125	0.057683
0.043663	0.017586	0.010883	0.029313	0.05006	0.057103	0.033659	0.046446	0.07869	0.054615
0.041675	0.03938	0.029605	0.062627	0.056523	0.031143	0.061003	0.078622	0.027989	0.049795
0.032057	0.041657	0.058962	0.054805	0.029839	0.002106	0.072067	0.078875	0.027334	0.065569
0.027888	0.033255	0.05122	0.020082	0.00279	0.012882	0.062106	0.046464	0.063241	0.085497
0.051043	0.068354	0.059285	0.0196	0.045432	0.061615	0.044544	0.04815	0.064026	0.076121

0.065597	0.076081	0.076195	0.060734	0.095962	0.094707	0.068103	0.071778	0.06997	0.062077
0.037343	0.024015	0.026437	0.059809	0.078309	0.090292	0.075713	0.042054	0.06801	0.044532
0.053525	0.010645	-0.01804	0.038117	0.062746	0.068679	0.066893	0.036979	0.046283	0.011074
0.081521	0.033996	0.011308	0.049435	0.062428	0.057432	0.079032	0.049187	0.043485	0.017154
0.047328	0.055126	0.0548	0.001495	-7.16E-04	0.057614	0.065632	0.026605	0.056579	0.055013
0.017222	0.077776	0.072827	-0.03287	-0.00488	0.078133	0.045902	0.009439	0.054465	0.073223
0.04481	0.091408	0.062933	0.022013	0.079922	0.071764	0.045501	0.045759	0.077822	0.062519
0.054627	0.040447	0.035921	0.036918	0.06299	0.065133	0.069151	0.072661	0.093906	0.065087
0.040448	0.002512	0.002642	0.026337	0.023622	0.042268	0.049018	0.073951	0.088111	0.045221
0.058843	0.025248	0.011632	0.049416	0.019148	0.033003	0.053857	0.086189	0.066041	0.027464
0.053129	0.040359	0.026243	0.047745	0.017914	0.036122	0.071864	0.072604	0.063971	0.053099
0.022145	0.031775	0.025644	0.014357	0.015457	0.047448	0.045815	0.020069	0.054769	0.068267
0.028092	0.06532	0.041125	0.004588	0.040978	0.0528	0.002283	-0.00147	0.025123	0.050332
0.035816	0.069214	0.032993	0.019137	0.051553	0.055591	0.024781	0.018437	0.022325	0.050959
0.033416	0.039869	0.02151	0.012038	0.017661	0.028026	0.038656	0.015108	-0.03066	0.022278
0.039276	0.029412	0.008321	0.028787	0.015474	-0.01904	-0.00487	0.030268	-0.02277	-0.00311
0.026547	0.025502	0.009388	0.054005	0.018911	-6.82E-04	0.021785	0.045434	0.035044	0.016507
0.013966	0.01664	0.017812	0.040834	0.011881	0.01417	0.042792	0.03877	0.028629	0.015762
3.16E-04	0.027929	0.031688	0.006834	-0.0012	0.006161	0.025796	0.010687	-0.01424	0.008529
0.025057	0.06443	0.024501	0.003775	0.021235	0.022177	0.008223	0.013747	0.002766	0.019316
0.039451	0.056742	0.018971	0.031109	0.02635	0.024897	0.03495	0.055662	0.049594	0.006015
0.020536	0.024657	-5.68E-04	0.021426	0.013632	0.005058	0.036466	0.054021	0.048869	-0.0084
0.052858	0.023004	-0.0199	0.020805	0.016196	-0.0032	0.026079	0.033084	0.015718	-0.00609
0.045093	0.019802	0.008	0.022653	0.017055	0.015278	0.046967	0.016998	0.001356	0.03297
0.016758	-0.00101	0.018158	0.010335	0.016096	0.027685	0.044457	0.008426	0.023106	0.055122
0.023489	0.011349	-9.00E-04	0.012054	0.033183	0.037742	0.032761	0.032698	0.053804	0.038651
0.025751	0.045415	-5.44E-05	0.016894	0.044194	0.04802	0.021257	0.06218	0.081212	0.038268
0.037447	0.041974	0.022085	0.002286	0.029458	0.052168	0.018399	0.050372	0.057911	0.034659
0.045819	0.02351	0.014402	0.009294	0.030551	0.041088	0.01876	0.038717	0.042753	0.028655
0.08154	0.0501	0.018071	0.050707	0.047433	0.043186	0.039703	0.050683	0.034856	0.017619
0.077976	0.06135	0.026984	0.048112	0.033078	0.046397	0.045379	0.029293	-0.00594	0.00135
0.033467	0.037097	0.035471	0.019893	0.013599	0.039438	0.017043	-0.01916	-0.03412	-0.00667
0.036475	0.037967	0.035201	0.005601	0.016954	0.013922	-0.03729	-0.01883	-3.02E-04	0.013025
0.021457	0.026926	0.021754	0.008037	0.028471	0.013212	-0.04119	0.011287	0.049594	0.025666
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0.00455	0.02255	-0.00711	-0.01161	-0.00779	-0.00617	-0.02246	-0.0179	0.014102	-0.00882
0.054464	0.013171	-0.01092	0.022843	0.011432	0.001817	0.026879	0.018709	0.025725	-0.00203
0.009639	-0.00248	-0.01321	-0.0073	-0.00259	0.005285	0.015853	0.009156	0.032011	0.007684
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0.014196	-0.01838	-0.01536	-0.05692	0.026367	0.045028	-0.00662	0.032575	0.038235	0.01393
0.017737	-0.01382	-0.00917	-0.00798	0.014217	0.023037	0.001527	0.003301	-0.00195	-0.01189
0.039241	0.016856	-0.03628	0.00399	0.026694	-1.07E-04	-0.00116	0.00914	-0.02157	-0.0152
0.025801	0.00703	-0.02657	0.004256	0.012581	0.003152	-0.00553	0.00702	-0.01334	0.005675
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-0.00285	-0.02329	-0.03512	-0.02668	-0.00645	-0.00439	-0.00303	0.016069	0.02524	-0.00543
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0.009852	0.016226	-0.00858	-0.02339	0.012331	0.014004	-0.02705	0.018777	0.042806	-0.0088
0.014361	-0.0069	0.006802	-5.77E-04	0.021916	0.039736	0.006022	0.017895	0.021512	-0.02645
-4.34E-04	-0.01557	-0.03331	-0.01701	0.009375	0.002026	-0.01798	-0.00904	-0.00662	-0.00766
0.003536	0.01732	-0.03225	0.013577	0.009359	-0.0178	-0.00882	-0.0027	-0.01333	0.00151
0.018751	0.034255	0.015278	0.014425	0.011981	0.003523	0.011803	0.012256	0.028663	0.027447
0.01479	0.027589	0.036751	-0.01122	0.005487	0.018038	0.004212	0.00335	0.038029	0.025582
0.00307	0.012333	0.007814	-0.01288	0.009491	0.021572	-0.0083	-0.00312	8.82E-04	-0.01018
6.03E-04	-0.00236	-0.02091	-0.00463	0.027176	0.012948	0.004719	0.024055	0.016634	5.18E-04
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-5.10E-05	7.02E-04	-0.00296	0.001528	-0.02047	-0.03399	-0.00954	-0.01451	-0.02389	-0.0362
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-0.02336	-0.00822	-7.51E-04	-0.01448	-0.01843	0.006859	-0.00378	0.00841	0.024939	0.018018
0.01057	-0.00481	-0.03223	-0.01354	-0.0381	-0.00524	-0.01344	-0.01194	0.003004	-0.00406
0.022598	-2.73E-04	-0.01887	0.020323	0.005635	0.016623	-0.01355	-2.88E-04	0.004563	0.020653
-0.02953	-0.01853	-0.0084	0.020426	0.035496	0.018973	-0.0047	0.014066	0.033712	0.028297
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0.005421	0.012678	-0.03789	-0.04878	-6.36E-04	0.02941	0.018007	-0.01283	0.018737	-0.01644
0.005534	0.005556	-0.02758	-0.02511	0.016028	0.014418	0.001039	0.013378	0.038373	0.007911
-0.02401	-0.03089	-0.00852	0.002964	0.008796	-0.00452	-1.39E-04	-0.00472	0.039425	0.004062
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0.026581	0.032566	0.023642	0.021098	0.010718	0.004379	0.043381	0.053597	0.039373	0.034539
0.009819	0.030935	0.033602	-0.00199	0.010336	0.002299	0.023504	0.013764	0.058253	0.046409
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0.020888	9.45E-05	0.012895	0.020564	0.023622	0.006177	-0.01443	0.035353	0.037564	0.016723
0.019968	-9.74E-04	0.0131	0.02338	0.038352	0.030765	0.018956	0.055053	0.038752	0.023674
0.011568	0.013484	0.005019	-0.0019	0.013048	0.011944	0.031157	0.049697	0.027872	0.02364
0.032796	0.055308	0.035075	0.032523	0.024718	0.010679	0.06514	0.059058	0.024005	0.054778
0.028279	0.023847	0.035471	0.037097	0.033095	0.043186	0.065559	0.048441	0.045337	0.065996
8.11E-04	-0.01421	0.012502	-0.00841	0.00222	0.046575	0.027849	0.025725	0.049417	0.038913
0.019585	0.02292	0.012776	-0.02578	0.019605	0.031212	0.001621	0.037262	0.045967	0.018284
0.032177	0.032325	0.006263	-0.0213	0.046891	0.018405	0.012481	0.052789	0.049028	0.019417
0.006148	0.004571	-0.01012	-0.01181	0.023366	0.011237	0.020714	0.045687	0.058416	0.035057
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0.018701	4.14E-04	0.019006	0.039141	-0.00413	-0.02149	0.044527	0.054942	0.027519	0.059527
0.022598	0.027657	0.040833	0.013137	0.024804	0.038633	0.04758	0.039482	0.047302	0.057811
-0.01106	0.012169	0.027673	-0.00707	0.031891	0.033176	0.017304	0.02041	0.047231	0.01935
0.015549	0.026587	0.005623	-0.01373	0.035953	0.021286	0.012384	0.04313	0.019	-0.03301
0.029882	0.023425	0.003343	-0.0163	0.026487	0.0319	0.006531	0.023951	0.013012	-0.02706

0.020386	0.01058	-0.00848	0.006017	0.017543	0.008112	-0.01759	0.003859	0.026227	0.010567
0.018252	0.004023	-0.04126	0.019841	0.01903	-0.028	0.00418	0.024811	0.015505	0.020452
0.005954	-0.01348	-0.03375	0.014697	0.011382	-0.00855	0.040632	0.022785	0.019083	0.033039
0.001675	-0.03117	-0.00384	6.38E-04	0.002203	0.042904	0.034882	-0.0088	0.02534	0.019016
0.019952	-0.00511	0.004348	-0.00459	0.031978	0.035288	-0.00511	-0.01208	0.014999	-0.02014
0.042518	0.033203	0.0149	0.00477	0.028696	0.011024	-0.01986	0.003908	0.011519	-0.05934
0.042324	0.03628	0.032331	0.002848	-0.02024	0.002685	0.005005	0.016677	0.03174	-0.02895
0.037273	0.016574	7.76E-04	0.015615	-0.00752	0.005431	0.026846	0.044605	0.032453	0.014111
0.048611	0.001966	-0.02039	0.023796	0.015441	0.028384	0.049352	0.036589	0.014297	0.023236
0.046991	0.007176	-3.53E-04	-0.01455	-0.02144	0.034525	0.028384	-0.00362	0.007714	0.025768
0.03031	0.007257	-0.00295	-0.04446	-0.0392	0.037132	-5.63E-04	-0.00969	0.007024	-0.0115
0.043663	0.021308	0.004247	-0.01679	0.015625	0.03271	-0.01638	0.007549	0.03686	-0.01493
0.027752	0.023442	0.02401	-0.02056	0.035813	0.027923	-4.53E-04	0.003498	0.055843	0.019533
-0.00593	0.0296	0.017414	-0.03072	-0.00931	0.016723	0.010676	0.002483	0.026679	0.027141
0.021826	0.04106	0.008271	-0.00375	-0.02209	0.007298	0.021702	0.027315	0.021694	0.018367
0.023674	0.00991	-0.01849	-0.00446	7.25E-04	0.029239	0.038176	0.020307	0.009113	0.001334
-0.00286	-0.00405	-0.01713	-0.02003	-0.00907	0.050565	0.035018	-0.02085	-0.0017	0.008643
-0.00801	0.013632	-7.67E-04	-0.02937	0.003801	0.063093	0.018596	-0.01407	0.01928	0.016524
0.010243	0.038036	0.018331	-0.01284	0.035725	0.051465	0.024283	0.044659	0.058759	0.01965
0.011781	0.029839	0.011223	-0.00954	0.022018	0.024965	0.031275	0.061805	0.048446	0.011893
0.00665	0.022046	0.003243	-0.01528	0.009111	0.008471	0.00728	0.023522	0.010113	-0.00877
0.014097	0.026621	0.004415	0.016246	0.029701	0.003394	-0.00874	1.18E-04	0.015162	-0.0023
0.006828	0.010793	0.010509	0.039159	0.024255	0.022548	-0.00586	-0.01506	0.030182	0.013255
-0.01343	0.00462	0.027532	0.013899	-0.0111	0.033816	0.009456	-0.0341	0.012411	0.012812
-0.02021	0.031226	0.049208	0.009395	-0.0016	0.036174	0.021801	-0.02719	0.002369	-0.0041
-0.01377	0.031175	0.055233	0.020202	0.031543	0.058748	0.021983	-0.01409	-4.44E-04	0.004449
-0.02648	-0.00731	0.00408	-0.01778	0.017695	0.043451	0.027163	0.002189	1.08E-04	0.013206
-0.00475	-0.00479	-0.02552	-0.03213	0.001017	0.00707	0.012546	0.012976	0.00153	-0.01756
0.056349	0.030798	-0.0096	-0.00422	0.004996	0.011434	-0.00822	-0.00262	-0.00726	-0.03779
0.053129	-1.28E-06	-0.01798	7.95E-05	-0.01877	0.01308	-0.01784	-0.02254	-0.01657	-0.03279
-0.00641	-0.02044	-0.0103	-0.02957	-0.03779	0.006096	-0.00615	-0.0351	-0.03281	-0.03531
-0.01222	0.026773	0.014128	-0.03432	-0.01492	0.004816	-0.00225	-0.02352	-0.01659	-0.03236
0.008126	0.018801	-1.54E-04	-0.02407	-0.00922	0.00283	-0.02627	-0.02122	-0.00586	-0.01484
-0.01735	-0.02671	-0.02079	-0.03191	-0.02793	-0.00497	-0.03754	-0.03528	-0.01768	-0.01587
-0.01879	-0.01948	-0.03427	-0.04253	-0.01584	-0.02182	-0.01885	-0.00786	-0.0043	-0.02741
0.002363	-0.00407	-0.04887	-0.03392	-0.00472	-0.02432	-0.01777	-0.00651	-9.32E-04	-0.01819
0.004372	-0.01495	-0.02956	-0.00885	-0.02141	-0.01993	-0.01383	-0.02722	-0.0131	-0.01333
0.008841	0.008655	0.016724	-0.01419	-0.02244	-0.00557	-0.01026	-0.03787	-0.00361	1.03E-04
0.025649	0.034946	0.0463	-0.00482	0.003801	0.030559	0.001905	-0.01914	0.028528	0.021875
0.021256	0.002833	0.014797	-0.01363	0.011299	0.024017	0.006053	1.83E-04	0.008662	0.003885
0.01142	-0.01799	-0.03829	-0.07119	-5.31E-05	-0.00182	-0.00334	-0.00155	-0.00757	-0.03521
0.003343	-0.00442	-0.02985	-0.04809	-0.00528	-0.00455	-0.00552	-0.00246	0.007875	-0.04692
-0.02744	-0.0172	-0.0144	0.004305	-0.01849	-0.01909	-0.02104	-0.00336	0.004229	-0.02709
-0.02435	-0.05321	-0.02953	0.026913	-0.01656	-0.0346	-0.02194	-0.0307	-0.02725	-0.0263
0.022665	-0.03653	0.011223	0.018879	-0.0092	-0.00583	-0.00865	-0.04261	-0.01012	1.83E-04
0.055315	0.016856	0.049189	0.002485	-0.00357	0.042533	0.034389	-0.01324	0.010274	0.018384
0.042061	0.021912	0.031581	-0.00355	-0.0197	0.02888	0.050038	0.004696	-0.00637	-0.00933

0.005518	0.012662	-0.00954	-0.01969	-0.02516	0.006128	0.014326	-0.00256	0.00656	-0.01901
0.028007	0.032807	-0.00599	-0.02038	0.005094	0.025405	0.015073	0.006392	0.017964	-0.01672
0.046937	0.037323	0.007899	0.019394	0.016853	0.00238	0.014699	-3.04E-04	-0.01133	-0.01811
0.047204	0.006754	-0.02295	0.056916	0.017864	-0.01161	0.008383	-0.0083	-0.04107	-0.02256
0.065264	-0.00179	-0.00186	0.045423	-0.00877	0.006826	0.038758	-0.00228	-0.02868	0.00874
0.075749	0.034134	0.038706	0.036507	-0.017	0.016274	0.057084	0.01585	0.023438	0.046782
0.050756	0.033082	0.013237	0.04344	0.013432	0.017155	0.016961	-6.29E-04	0.040913	0.024078
0.035643	0.018468	0.011769	0.040293	0.010601	0.012075	-0.00473	-0.03377	0.014411	-0.00664
0.046422	0.034359	0.042111	0.052001	0.018286	0.019559	0.016651	0.002434	0.019445	-0.00774
0.063673	0.066992	0.044421	0.050984	0.030812	-0.00385	0.009648	0.024055	0.01464	-0.01201
0.103583	0.093224	0.035723	0.023137	0.035022	-0.02573	9.13E-04	0.016829	9.45E-04	-0.00996
0.087644	0.054023	0.044403	0.053503	0.052758	0.014633	0.044718	0.031787	0.002925	0.023371
0.014922	0.034583	0.056914	0.099039	0.064809	0.068473	0.082282	0.051927	0.032147	0.017121
0.030053	0.047885	0.029285	0.067991	0.052374	0.048574	0.040822	0.024209	0.048235	-0.01238
0.071762	0.049027	0.022068	0.030651	0.025095	0.03221	0.021636	-0.01346	0.030317	0.008041
0.074157	0.065041	0.067154	0.044166	0.039202	0.075041	0.077623	0.024794	0.046423	0.031269
0.063913	0.058382	0.057008	0.04535	0.076509	0.085531	0.073125	0.062198	0.067826	0.029883
0.06049	0.061405	-0.00272	6.71E-04	0.071956	0.048932	0.025546	0.03419	0.022175	0.011139
0.101019	0.1132	0.021597	0.05043	0.081228	0.072444	0.04688	0.045795	0.015244	0.034262
0.111859	0.13514	0.09375	0.112534	0.108586	0.11142	0.074538	0.071299	0.065014	0.061875
0.061187	0.085033	0.072141	0.070244	0.05902	0.069937	0.051343	0.033452	0.054804	0.049419
0.093202	0.088092	0.062971	0.078548	0.040961	0.029564	0.063175	0.013596	0.008727	0.034055
0.156863	0.12366	0.119845	0.148157	0.098637	0.081556	0.119731	0.051231	0.026277	0.057956
0.096595	0.083348	0.110608	0.121413	0.135545	0.13014	0.130467	0.098843	0.070544	0.059929
0.063488	0.077147	0.091429	0.072606	0.093244	0.107796	0.083878	0.05889	0.033661	0.019333
0.095699	0.129448	0.12094	0.074805	0.076992	0.093752	0.073347	0.050263	0.041641	0.004513
0.08864	0.109755	0.130694	0.07845	0.069915	0.084384	0.073887	0.073007	0.068158	0.024365
0.083952	0.094472	0.091757	0.068183	0.032868	0.052456	0.057246	0.052403	0.058253	0.039751
0.129417	0.104993	0.060962	0.071985	0.040374	0.045312	0.069022	0.066896	0.060532	0.053604
0.154239	0.103249	0.048521	0.083178	0.116921	0.093733	0.083916	0.102163	0.079712	0.087463
0.111385	0.062509	0.062895	0.066323	0.102782	0.132152	0.070404	0.072738	0.082793	0.092072
0.062732	0.029805	0.060046	0.030933	0.043226	0.13068	0.074836	0.038984	0.068232	0.040713
0.065746	0.07877	0.084783	0.042243	0.0732	0.117669	0.094416	0.068511	0.056975	0.016193
0.07897	0.075891	0.09408	0.055327	0.076277	0.086253	0.094357	0.069063	0.070192	0.062758
0.049575	0.044495	0.062435	0.056373	0.045396	0.049237	0.053272	0.025225	0.055037	0.078637
0.067456	0.068204	0.042752	0.077094	0.052538	0.040842	0.0242	0.031472	0.025507	0.024213
0.118743	0.091054	0.071925	0.092406	0.064246	0.080245	0.070644	0.096827	0.052823	0.019033
0.088445	0.068036	0.075919	0.072975	0.047288	0.098062	0.11971	0.12302	0.10864	0.07816
0.032092	0.031964	0.061363	0.051704	0.011948	0.04581	0.082699	0.08504	0.093906	0.087521
0.030463	0.05529	0.081028	0.055962	0.049824	0.066343	0.080843	0.068092	0.084514	0.077187
0.04022	0.055036	0.051182	0.055439	0.079961	0.083976	0.091113	0.070304	0.096163	0.093969
0.057257	0.068989	0.034302	0.02222	0.025473	0.026306	0.04517	0.027436	0.066556	0.084236
0.075863	0.086667	0.050362	0.015122	0.039752	0.034369	0.025762	0.008327	0.032215	0.043508
0.102935	0.09467	0.044605	0.055458	0.114533	0.107058	0.066692	0.067351	0.062221	0.048027
0.113161	0.079881	0.045286	0.099638	0.107341	0.126913	0.078599	0.090493	0.117355	0.072921
0.080752	0.055435	0.048428	0.085652	0.02299	0.066958	0.067736	0.030407	0.07457	0.081553
0.049342	0.043664	0.05769	0.044348	-0.00651	0.051195	0.080994	0.021672	0.057371	0.091343

0.039783	0.041974	0.057728	0.04524	0.031386	0.063408	0.097724	0.069311	0.060459	0.068566
0.010668	0.033582	0.032492	0.044603	0.070753	0.045739	0.054978	0.063608	0.01652	0.039594
0.012814	0.033341	0.036138	0.024039	0.079085	0.034473	0.025862	0.012072	0.018654	0.005675
0.037917	0.083503	0.060943	0.028401	0.066127	0.058657	0.049826	0.032715	0.06947	0.03067
0.029524	0.082788	0.05629	0.050707	0.06142	0.057194	0.065322	0.045254	0.056202	0.078867
0.026699	0.024657	0.005271	0.019326	0.048319	0.022582	0.051431	0.010337	0.013304	0.057301
0.041797	-8.46E-04	0.001059	-6.10E-04	0.035057	0.013558	0.042947	0.005634	0.030199	0.045115
0.052354	0.010515	0.024133	0.020202	0.025232	0.027633	0.071679	0.063646	0.089853	0.089418
0.027939	0.020889	0.013066	0.018982	-0.00461	0.028624	0.072327	0.091556	0.082106	0.085905
0.020286	0.036176	0.012605	-0.00394	0.005438	0.028436	0.022032	0.036289	0.022275	0.010959
0.045111	0.069701	0.06347	0.025256	0.063702	0.089406	0.05859	0.059207	0.065454	0.054434
0.04945	0.075055	0.087718	0.084134	0.100347	0.112269	0.10356	0.102863	0.116673	0.130302
0.051276	0.062159	0.022312	0.062475	0.071631	0.03865	0.05678	0.058258	0.051347	0.108446
0.047987	0.0331	0.005825	0.034528	0.045019	0.03701	0.043017	0.029432	0.045547	0.102832
0.04772	0.03236	0.03867	0.063272	0.059614	0.071764	0.09317	0.072028	0.084494	0.09955
0.080522	0.046764	0.008727	0.032222	0.033025	0.072047	0.104996	0.088276	0.07414	0.050206
0.037725	0.016988	-0.02985	-0.00225	-0.02461	0.047806	0.062613	0.03032	0.056939	0.027617
-0.01436	0.01058	0.008643	0.029331	-0.00969	0.072274	0.081656	0.0359	0.089194	0.067521
0.008581	0.022013	0.06609	0.065272	0.037504	0.089603	0.118595	0.097539	0.143588	0.129355
0.049503	0.0434	0.041362	0.046902	0.041548	0.049255	0.077754	0.114007	0.108762	0.095834
0.024467	0.0225	-0.02988	0.024352	0.056799	0.015063	0.042376	0.075322	0.047038	0.068902
0.038195	0.021878	-0.01261	0.069858	0.086828	0.039894	0.077773	0.059673	0.058885	0.116276
0.084998	0.063099	0.047372	0.081927	0.081267	0.073712	0.063648	0.074935	0.078653	0.095417
0.043081	0.00991	0.030085	0.047012	0.018083	0.056264	0.018841	0.02222	0.049258	0.054254
0.011486	-0.03511	0.041655	0.043331	-0.00423	0.051987	0.030854	-0.01535	0.046406	0.052144
0.006083	0.008655	0.0568	0.033285	0.0321	0.060437	0.071975	0.015647	0.085492	0.103985
0.023792	0.033582	-0.01494	-0.00939	0.040267	0.055773	0.064138	0.057329	0.085089	0.101943
0.020888	0.00776	-0.04767	-0.02785	0.021286	0.018923	0.0585	0.078583	0.06388	0.048794
0.046032	0.009551	-0.03064	0.041899	0.047343	0.004816	0.085556	0.071855	0.064538	0.059417
0.055206	0.031312	-0.0015	0.06062	0.067658	0.027327	0.090881	0.056143	0.069007	0.044708
0.021876	0.025604	-4.52E-04	0.005219	0.035742	0.007835	0.055495	0.042555	0.053572	-0.01226
0.006423	-3.04E-04	-0.01169	-0.02066	0.011964	0.008373	0.010853	0.008708	0.029337	0.00151
0.054446	0.00789	0.021405	0.01138	0.027469	0.052059	-5.78E-04	0.012022	0.031977	0.066851
0.0455	0.037027	0.045507	0.026686	0.041833	0.06504	0.009231	0.046247	0.057875	0.082748
0.007444	0.028525	0.021422	-0.02931	0.022461	0.048181	0.019071	0.035265	0.060767	0.04577
0.036874	0.048795	0.009151	0.012443	0.029961	0.032538	0.046251	0.046519	0.059156	0.049884
0.070972	0.074903	0.03285	0.069511	0.045756	0.025796	0.067058	0.085258	0.085914	0.069538
0.028756	0.00677	0.011649	-0.00184	0.012914	0.023865	0.039102	0.043884	0.058867	0.030653
-9.59E-04	-0.02928	-0.00755	-0.03225	-0.03371	0.003572	0.016863	-0.00656	-0.01304	0.010436
0.032727	0.024353	0.038833	0.025151	-0.0068	0.028521	0.040374	0.009439	0.017405	0.046622
0.020319	0.033979	0.050921	0.042551	0.017021	0.04565	0.008479	0.026225	0.053875	0.040311
-0.03474	0.002736	0.034895	-6.26E-04	-0.01777	0.022548	-0.0179	0.002385	0.02075	-0.01081
-0.01735	6.26E-05	-0.00566	-0.02908	-0.00448	-0.00531	-0.02141	-7.67E-05	-0.00388	-0.0389
0.002347	-0.00913	-0.04209	-0.03255	0.012031	-0.03138	-0.01277	0.013043	0.009758	-0.02043
-0.0257	-0.03883	-0.07239	-0.05268	-0.02485	-0.02162	-0.01658	-0.00108	0.008582	-0.01478
-0.03654	-0.06906	-0.08167	-0.05316	-0.03629	-0.03036	-0.02838	-0.02395	-0.02969	-0.02156
-0.01801	-0.05969	-0.0424	-0.01967	-0.02421	-0.03692	-0.0015	-0.01621	-0.03754	-0.02013

-0.01725	-0.03653	-0.02163	-0.00685	-0.02352	-0.05435	-0.00295	-0.00824	-0.02794	-0.0151
-0.04884	-0.03726	-0.01255	-0.00938	-0.03622	-0.06128	-0.03285	-0.03958	-0.03768	-0.02517
-0.06713	-0.01802	-0.02193	-0.03697	-0.03926	-0.03524	-0.05113	-0.04508	-0.03356	-0.03589
-0.05579	-0.02124	-0.04943	-0.05866	-0.03816	-0.04552	-0.07384	-0.0419	-0.00377	-0.02439
-0.04295	-0.05472	-0.05447	-0.07406	-0.05822	-0.04417	-0.07416	-0.06314	-0.01742	-0.0353
-0.05599	-0.08192	-0.07668	-0.08082	-0.06997	-0.05156	-0.06654	-0.06578	-0.04678	-0.0544
-0.045	-0.05388	-0.08188	-0.05972	-0.04149	-0.05387	-0.06137	-0.02903	-0.04228	-0.05624
-0.05094	-0.03868	-0.05478	-0.0382	-0.02907	-0.04357	-0.04781	-0.02696	-0.04504	-0.04623
-0.06066	-0.06389	-0.05757	-0.04502	-0.05646	-0.041	-0.03464	-0.0523	-0.05013	-0.03467
-0.06885	-0.05534	-0.05583	-0.06691	-0.0613	-0.03507	-0.05745	-0.05877	-0.04961	-0.05339
-0.06243	-0.02262	-0.05939	-0.0606	-0.02622	-0.00361	-0.04706	-0.03766	-0.01853	-0.04546
-0.05567	-0.03021	-0.08237	-0.07372	-0.03772	-0.0096	-0.02406	-0.03829	-0.01502	-0.04315
-0.06387	-0.02846	-0.06685	-0.08465	-0.06936	-0.03962	-0.04001	-0.05194	-0.04569	-0.06321
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-0.01725	-0.06267	-0.05842	-0.04447	-0.03735	-0.03934	-0.05209	-0.07844	-0.06277	-0.02697
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-0.01279	-0.0113	-0.04263	-0.06307	-0.05731	-0.0275	-0.00763	-0.04047	-0.03449	-0.03526
-0.02074	-0.00107	-0.04299	-0.03436	-0.01154	-0.00445	0.001416	-0.00618	0.013272	-0.00699
0.002668	0.004894	-0.02166	-0.00683	-0.00173	-0.00663	0.011223	0.009123	0.003863	-0.00578
0.024517	0.014325	-0.01298	0.017646	-0.01682	-0.03861	-0.02464	-0.00152	-0.04453	-0.01172
0.011322	-0.00478	-0.00426	0.014255	-0.03064	-0.01995	-0.02695	-0.01567	-0.02723	0.011925
0.014229	0.001005	0.03226	0.020219	-0.02062	0.027088	0.024615	-0.02716	-0.00399	0.030293
0.031028	0.013863	8.76E-04	0.00194	-0.00565	0.013129	0.019104	-0.01938	-0.01551	0.015134
0.005744	-0.00716	-0.01814	-0.02189	-0.01478	-0.01077	-0.0259	-0.01262	0.012054	0.023893
-0.01646	4.62E-04	0.017587	0.001874	0.007658	0.029616	-0.00558	-0.00611	0.03247	0.041836
-0.02719	-0.00766	0.007882	9.51E-04	-0.00114	0.03252	0.016749	0.002336	2.66E-04	0.010943
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0.021625	-0.03434	-0.02839	-0.00767	-0.02272	-0.00391	0.056334	0.031298	-0.03901	-3.75E-04
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-0.0378	-0.00332	-0.05432	-0.05322	-0.04476	-0.04861	-0.02698	-0.03038	-0.0784	-0.04088
0.002588	-0.03348	-0.07499	-0.06686	-0.05697	-0.05264	-0.01643	-0.02501	-0.05649	-0.02727
0.003423	-0.05055	-0.07987	-0.07491	-0.06435	-0.05216	-0.03794	-0.0523	-0.05831	-0.0438
-0.02623	-0.06095	-0.05549	-0.04923	-0.08077	-0.04125	-0.02704	-0.05575	-0.05897	-0.05219
0.018385	-0.01003	-0.00651	-0.02999	-0.063	-0.01096	0.006372	0.001421	-0.00731	-0.03954
0.048468	0.034359	0.008355	-0.02365	-0.02412	0.005156	0.014521	0.043094	0.025775	-0.05098
0.001867	0.017819	-0.00608	-0.01532	-0.01268	-7.30E-04	-0.00637	0.01067	-0.00244	-0.03668
0.030446	0.040535	0.004801	0.009093	0.005143	-0.00425	-0.01618	-0.01357	-0.0253	-0.01904
0.086475	0.072332	0.029836	0.01334	-0.00442	-0.00927	-0.01458	-0.00526	-0.02948	-0.02874
0.092353	0.050279	0.03621	0.026633	0.006834	-0.00734	0.01626	0.026778	-0.0145	0.012089

0.096535	0.046693	0.055893	0.082185	0.059967	0.037097	0.070053	0.061767	0.039615	0.072092
0.080579	0.097218	0.108834	0.09612	0.096893	0.106608	0.100801	0.087659	0.092382	0.078695
0.094211	0.128246	0.118688	0.074318	0.097115	0.122648	0.078299	0.081692	0.117892	0.083173
0.10896	0.118304	0.109261	0.074435	0.108295	0.117984	0.082301	0.10717	0.104247	0.059948
0.123761	0.131842	0.113787	0.113919	0.128021	0.1258	0.126459	0.119881	0.084993	0.053513
0.124227	0.106378	0.097472	0.143355	0.127217	0.124072	0.139221	0.106837	0.101609	0.105406
0.095819	0.07515	0.008761	0.113663	0.124016	0.124094	0.1337	0.130465	0.105613	0.152861
0.122089	0.119059	0.013905	0.125539	0.158791	0.158186	0.153261	0.151956	0.125215	0.173412
0.133453	0.120363	0.10173	0.154721	0.151798	0.1534	0.120745	0.131256	0.151742	0.147385
0.103704	0.083541	0.126989	0.127869	0.091281	0.110264	0.067461	0.133793	0.161558	0.108037
0.076795	0.109652	0.135201	0.111641	0.096063	0.126399	0.067956	0.149357	0.149022	0.096471
0.077805	0.156918	0.13328	0.101854	0.107195	0.144963	0.114654	0.124945	0.102207	0.131487
0.097732	0.100263	0.042166	0.089611	0.066486	0.089013	0.096704	0.110302	0.101928	0.143372
0.065023	0.008443	0.021405	0.065539	0.053069	0.02794	0.002646	0.124382	0.111301	0.121562
0.042324	0.046373	0.074498	0.070631	0.079319	0.018339	0.009616	0.135789	0.103346	0.109861
0.069323	0.075815	0.068182	0.094626	0.102434	0.087699	0.110729	0.108503	0.0997	0.1062
0.087195	0.063524	0.056517	0.096161	0.087858	0.100879	0.127974	0.066649	0.106015	0.097249
0.058077	0.027589	0.07438	0.109036	0.076277	0.108473	0.098294	0.075186	0.147956	0.083269
0.042518	0.020739	0.083414	0.1003	0.076297	0.120489	0.113166	0.110931	0.159914	0.106098
0.058624	0.050764	0.081768	0.059828	0.039663	0.072803	0.093053	0.101937	0.105372	0.086177
0.035401	0.046782	0.061535	0.016655	0.037522	0.059794	0.041029	0.079812	0.10493	0.072092
0.050255	0.060101	0.028771	0.015581	0.049007	0.056319	0.051554	0.094678	0.135025	0.087209
0.094211	0.064319	0.011343	0.035044	0.031421	0.04629	0.071512	0.071682	0.081764	0.092506
0.087118	0.022315	0.012383	0.058736	0.041299	0.047324	0.048912	0.028494	0.057245	0.094504
0.071592	-0.00827	0.035741	0.07631	0.041923	0.066567	0.072549	0.053781	0.104488	0.133956
0.086183	0.024555	0.048447	0.060885	0.037875	0.083665	0.109153	0.066289	0.084974	0.093652
0.057567	0.051266	0.056233	0.065119	0.041156	0.070821	0.083459	0.045759	0.064593	0.065717
0.019334	0.039729	0.06964	0.06449	0.033585	0.085278	0.074445	0.053193	0.083614	0.084779
0.041341	0.062509	0.069212	0.042189	0.030881	0.083491	0.051413	0.087778	0.104167	0.079805
0.077252	0.083832	0.040214	0.02905	0.050951	0.0826	0.063448	0.103811	0.065858	0.063146
0.065041	0.038612	0.013511	0.034155	0.055215	0.073466	0.093131	0.074761	0.010872	0.060387
0.081791	0.038036	0.045562	0.07183	0.066524	0.069223	0.113186	0.068777	0.021926	0.06633
0.100698	0.047938	0.064239	0.072063	0.081658	0.084986	0.090166	0.080712	0.064465	0.039489
0.060398	0.005023	0.033226	0.036685	0.046098	0.059152	0.044196	0.034718	0.045144	0.043067
0.049342	-0.00484	0.033746	0.035418	0.003475	0.037585	0.019087	0.008194	0.044095	0.076806
0.072835	0.018684	0.068978	0.051372	0.033392	0.04501	0.037833	0.048532	0.071324	0.093731
0.065356	0.028219	0.05178	0.051131	0.093425	0.071688	0.061835	0.055293	0.060931	0.054887
0.057712	0.053427	0.019266	0.053094	0.103152	0.079764	0.050196	0.042914	0.024221	0.059252
0.076471	0.083097	0.03362	0.064242	0.081443	0.066809	0.052403	0.078193	0.038494	0.108098
0.045164	0.070733	0.025679	0.023918	0.05573	0.048807	0.040391	0.070304	0.043154	0.099289
0.038544	0.070151	0.034823	0.018811	0.03203	0.009173	0.053059	0.038397	-0.00527	0.076597
0.045731	0.036697	0.048094	0.068568	0.033235	0.017105	0.075601	0.050591	0.042997	0.117989
0.050452	0.029857	0.065646	0.070727	0.066561	0.072255	0.060065	0.071682	0.120902	0.116735
0.067307	0.065969	0.064412	0.038153	0.077844	0.094309	0.071364	0.105674	0.124816	0.062298
0.074555	0.078426	0.036516	0.02812	0.092041	0.076794	0.096841	0.144999	0.120486	0.059655
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0.035245	0.035379	0.046337	0.037168	0.036851	0.015942	0.094162	0.090013	0.083423	0.079767

0.019251	0.040254	0.048094	0.044257	0.025834	-0.01317	0.103799	0.083678	0.071213	0.115943
0.072157	0.057088	0.040578	0.082185	0.094008	0.061874	0.126732	0.093709	0.082984	0.114861
0.108714	0.093798	0.085793	0.08957	0.131668	0.138753	0.08774	0.08293	0.115088	0.099329
0.079218	0.115693	0.118405	0.030299	0.089646	0.115305	0.046897	0.082379	0.12109	0.079039
0.036336	0.106459	0.105268	0.043349	0.108316	0.11078	0.053822	0.14844	0.130998	0.093771
0.042078	0.127753	0.091204	0.088542	0.150513	0.136206	0.090765	0.138733	0.145943	0.118492
0.066377	0.117969	0.099972	0.095894	0.120497	0.10195	0.083725	0.116168	0.09869	0.098848
0.081637	0.100947	0.108834	0.110114	0.109232	0.052908	0.10883	0.133616	0.066537	0.110293
0.099593	0.095823	0.091388	0.112555	0.115842	0.098042	0.167147	0.129303	0.099938	0.114861
0.093419	0.093343	0.080688	0.08286	0.081208	0.114034	0.145953	0.103213	0.1187	0.099951
0.081233	0.080457	0.093009	0.064852	0.057594	0.103856	0.112352	0.078349	0.105874	0.077835
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0.007314	0.064486	0.087413	0.058981	0.036992	0.083122	0.066308	0.082025	0.074889	0.052216
0.023944	0.073786	0.068415	0.043658	0.008796	0.060602	0.081467	0.108399	0.057623	0.061342
0.033709	0.089737	0.053053	0.045222	0.03439	0.085609	0.102168	0.067655	0.061403	0.097468
0.059574	0.059643	0.061994	0.050707	0.039131	0.075174	0.074519	0.029989	0.05874	0.076387
0.08206	0.049402	0.081128	0.047397	0.031543	0.066884	0.04951	0.034525	0.096991	0.049777
0.069304	0.085655	0.08444	0.02898	0.05632	0.093574	0.046635	0.055829	0.11517	0.061158
0.058223	0.077033	0.052528	0.019154	0.053234	0.063611	0.045014	0.064305	0.07801	0.055321
0.033795	0.0476	0.042185	0.028015	0.036869	0.033625	0.028317	0.063081	0.044584	0.019216
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0.031954	0.073143	0.060885	0.065196	0.040711	0.041581	0.040788	0.037953	0.030503	0.021959
0.081233	0.065153	0.071749	0.075098	-0.00384	0.045507	0.020631	-0.01716	-5.54E-04	0.025802
0.068314	0.028917	0.072376	0.044166	0.009458	0.032279	0.007663	-0.00781	0.013711	0.027702
0.037865	0.02764	0.068007	0.02397	0.048753	0.054102	0.022891	0.034842	0.04602	0.036096
0.039084	0.026926	0.037709	0.040996	0.06086	0.070087	0.028468	0.016829	0.018605	0.004658
0.025632	0.018202	0.032206	0.036864	0.057206	0.058529	0.006117	0.01489	-0.00191	-0.06034
0.013357	0.034929	0.039905	-0.00562	0.077495	0.049398	-0.02056	0.068358	-0.01414	-0.17845
0.037708	0.071165	0.035543	0.00189	0.073372	0.064743	0.037166	0.075631	0.002988	-0.1149
0.068725	0.036419	0.017086	0.020374	0.02549	0.028948	0.072216	0.031927	-0.00466	0.029559
0.051671	-0.02223	-0.00715	0.024717	-0.01606	-0.01481	0.036176	-0.04407	0.019478	0.054163
0.016294	-0.01612	0.045876	0.038207	-0.03321	0.026306	0.012223	-0.05403	0.029	0.026835
0.022296	0.005475	0.05957	0.037043	4.33E-04	0.02275	0.014342	-0.02039	-0.0151	-0.02139
0.025057	-0.00437	0.010322	0.015905	0.013983	-0.03008	-0.00556	-0.01284	-0.01285	-0.04107
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0.005663	0.011448	-0.01597	-0.02689	-0.01512	-0.01904	0.002425	-0.00926	-0.02091	0.004336
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0.038265	0.022181	0.004616	-0.01976	0.006078	0.032555	0.068323	0.067503	0.045407	0.049669
0.050434	0.022298	-0.01408	0.034208	0.038176	0.037777	0.036551	0.043435	0.03003	0.06633
0.073401	0.033789	0.016879	0.055514	0.031996	0.064075	0.06057	0.051359	0.030689	0.099529

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0.03736	0.041043	0.064875	0.073792	0.076355	0.085064	0.067865	0.007532	0.053679	0.052882
0.031971	0.043541	0.043081	0.055589	0.050242	0.089642	0.03881	-0.00125	0.071139	0.044885
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0.144922	0.127839	0.121423	0.196594	0.142369	0.099368	0.157119	0.16027	0.114574	0.178266
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0.306591	0.318675	0.320445	0.322438	0.323556	0.332765	0.314706	0.30483	0.271597	0.211148
0.247201	0.292519	0.314072	0.308782	0.323044	0.35672	0.351066	0.348625	0.319669	0.300767
0.202144	0.267554	0.28539	0.289679	0.28917	0.331734	0.344079	0.31361	0.283428	0.343235
0.175807	0.196358	0.227176	0.246837	0.248896	0.228886	0.261694	0.272749	0.264203	0.329599
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[illegible]

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-0.04389	-0.03056	-0.04697	-0.03836	-0.02331	-0.02019	-0.05682	-0.02311	-0.01256	-0.02795
-0.04371	-0.01904	-0.02541	-0.01221	-0.01558	-0.01631	-0.04281	-0.00931	-0.02576	-0.03772
-0.05116	-0.03129	-0.04057	-0.0306	-3.44E-04	-0.01001	-0.02661	-0.02256	-0.03367	-0.03876
-0.03026	-0.0323	-0.04815	-0.02109	-0.00702	-0.03529	-0.03673	-0.03779	-0.03758	-0.03759
-0.00794	-0.01921	-0.02443	0.026565	0.03145	-0.01767	-0.02416	-0.03848	-0.03241	-0.02498
-0.02919	-0.03344	-0.01355	0.01214	0.031416	0.007886	-0.01515	-0.04321	-0.03199	-4.97E-04
-0.04302	-0.03205	-0.01402	-0.01973	-0.01557	-0.01073	-0.04126	-0.04018	-0.02735	0.0037
-0.00369	-0.00705	-0.01619	-0.02017	-0.01042	-0.00506	-0.03318	-0.00121	-0.00966	0.003441
-0.00468	-0.02188	-0.02249	-0.02608	0.007949	5.36E-04	-0.02687	0.020061	0.010155	-0.00825
-0.03903	-0.04377	-0.03878	-0.02437	0.003519	-0.02642	-0.03645	0.019889	0.02261	-0.01096
-0.00312	-0.003	-0.01827	0.02579	0.015549	-0.02843	-0.01079	-0.00341	-0.02177	-0.00907
0.03265	0.019321	0.024376	0.062679	0.03816	0.009053	0.018418	-0.01897	-0.0294	1.60E-04
0.011599	0.009134	0.032978	0.038302	0.032524	0.030151	-0.01387	-0.00748	0.022424	0.019863
0.011133	0.028418	0.017601	0.029359	0.043415	0.016516	-0.04223	0.004117	0.028253	0.004185
0.001712	0.039002	0.022571	0.049562	0.054084	0.02572	-0.01007	0.021557	0.022983	0.014049
0.006307	0.023035	0.023059	0.029122	0.030277	0.035834	0.017409	0.02311	0.018648	0.032763
0.037904	0.018987	-0.01905	0.017628	0.023151	0.01014	0.034582	0.039708	0.010567	0.036947
0.047159	0.028828	-0.01388	0.051292	0.051133	0.022918	0.060238	0.070269	0.015921	0.040449
0.026804	0.022209	0.020807	0.0451	0.039078	0.038453	0.053868	0.064373	0.053365	0.032366
0.011715	0.021704	0.044774	0.006317	0.016536	0.039455	0.032611	0.049554	0.077206	0.009032
0.036844	0.033263	0.030006	0.022818	0.057343	0.054028	0.028092	0.068691	0.072051	8.01E-04
0.035788	0.005975	0.014864	0.039343	0.064249	0.062049	0.048798	0.074723	0.085721	0.030111
0.020576	-8.83E-04	0.011225	0.02552	0.034732	0.056108	0.048852	0.065878	0.04969	0.018072
0.048606	0.02083	0.002234	0.044484	0.054407	0.048177	0.059071	0.074081	0.015371	0.021846
0.056025	0.044783	0.02079	0.069966	0.101505	0.0622	0.073858	0.072878	0.041706	0.067509
0.02005	0.026865	0.030777	0.039621	0.051294	0.058628	0.079056	0.063462	0.061014	0.066762
-0.00242	0.019221	0.039194	0.02638	0.009987	0.056629	0.068627	0.058595	0.054002	0.016705
0.013416	0.052318	0.031584	0.042081	0.057343	0.084847	0.064618	0.09269	0.071842	0.032263
0.027373	0.046472	0.021949	0.035054	0.054263	0.095089	0.064075	0.101194	0.103043	0.0739
0.016199	0.015987	0.015608	0.040283	0.032593	0.068953	0.05188	0.072626	0.103819	0.075327
0.020423	0.009461	0.01541	0.079948	0.042681	0.055067	0.049811	0.05579	0.064152	0.073388
0.00583	0.019037	0.013757	0.072436	0.065647	0.052087	0.029403	0.022972	0.03156	0.060972
7.37E-04	0.037761	0.041421	0.039448	0.07308	0.06105	0.013394	0.0208	0.064189	0.06499
0.046744	0.093929	0.061845	0.047272	0.091965	0.068359	0.013611	0.055678	0.073553	0.051562
0.095454	0.109504	0.029647	0.063413	0.103089	0.070143	0.029196	0.084051	0.076784	0.049924
0.109546	0.081203	0.007909	0.043887	0.065499	0.074918	0.068268	0.068806	0.051207	0.021812
0.103212	0.06929	0.02702	0.065568	0.065481	0.045335	0.095396	0.072645	0.016271	0.016122
0.069712	0.068015	0.072948	0.085557	0.08646	0.046553	0.097008	0.09728	0.057769	0.078636
0.01988	0.053728	0.086248	0.058172	0.071807	0.08215	0.09265	0.076831	0.101517	0.098112
-0.01855	0.065235	0.058907	0.025369	0.060518	0.085364	0.065255	0.057246	0.088826	0.079347
0.026442	0.099548	0.055571	0.039465	0.082995	0.096414	0.066176	0.086085	0.083065	0.089169
0.084828	0.086718	0.060336	0.047538	0.068994	0.088481	0.081834	0.10577	0.099228	0.078482
0.070454	0.057165	0.056225	0.048442	0.057289	0.063997	0.068249	0.114921	0.095005	0.055586
0.073782	0.042606	0.049028	0.051506	0.074619	0.059209	0.102594	0.124705	0.072298	0.076109
0.050185	0.021872	0.04403	0.051077	0.094085	0.083734	0.116155	0.092995	0.0635	0.093101
0.045663	0.03909	0.074994	0.073281	0.102727	0.082605	0.064468	0.042971	0.094525	0.106219
0.063968	0.075396	0.108397	0.073393	0.114979	0.085026	0.02842	0.041562	0.090566	0.064749

0.078803	0.091176	0.106127	0.06883	0.110074	0.096108	0.035212	0.081177	0.052222	0.018439
0.057854	0.071926	0.088965	0.068347	0.070575	0.053454	0.01714	0.064773	0.033223	0.013289
0.039782	0.030816	0.029424	0.067474	0.063753	0.032331	0.02316	0.051432	0.031768	0.022284
0.04003	0.018118	0.005103	0.065531	0.093141	0.07049	0.095939	0.076147	0.039746	0.04865
0.041953	0.016253	0.040333	0.046883	0.10991	0.125337	0.113883	0.085905	0.064581	0.076892
0.006027	-0.00711	0.034031	0.020415	0.099688	0.110804	0.064262	0.074373	0.074869	0.087226
0.008366	0.020947	0.028366	0.026633	0.091457	0.06523	0.027163	0.081493	0.089004	0.069197
0.032283	0.042112	0.046247	0.043272	0.052865	0.044355	-0.00755	0.043333	0.061273	0.06499
0.03183	0.026508	0.032049	0.047928	0.020785	0.001831	-0.02419	-0.00576	0.010633	0.04207
0.03049	0.00853	0.027173	0.068626	0.034184	-0.03556	0.003518	-0.00118	0.006762	0.01574
0.014052	0.001954	0.021126	0.063505	0.049781	-0.01142	0.020647	-0.00304	0.033657	0.024211
6.24E-04	0.002018	0.011143	0.013726	0.047284	0.052826	0.008543	-0.01457	0.033692	0.024736
0.001452	0.018252	0.02512	0.001941	0.055305	0.070682	0.010904	0.011763	0.014805	-0.00529
0.012682	0.022765	0.04978	0.049633	0.083225	0.07024	0.022633	0.047629	0.030127	0.01347
0.019745	0.017451	0.043589	0.042869	0.065039	0.066868	0.036036	0.048123	0.045189	0.040291
0.009938	0.018335	0.008332	0.02547	0.044397	0.046699	0.034337	0.031118	0.031249	0.023213
0.018171	0.014562	2.63E-04	0.051131	0.039095	0.027024	0.05128	0.003506	0.015354	0.016638
0.016485	0.010706	0.029424	0.056686	0.031825	0.04659	0.039876	-0.00393	0.022864	0.029905
-0.0063	0.00168	0.045394	0.011047	-0.00728	0.046753	0.022786	0.014009	0.032027	0.029699
-0.00364	0.011035	0.050839	0.002388	0.003919	0.028961	0.012396	0.024669	0.015021	0.006845
-0.00415	0.010313	0.027769	0.002883	0.033482	0.016142	-0.02628	0.01946	0.027019	0.007366
0.010519	0.023052	0.004247	0.005207	0.010619	-0.00107	-0.03783	-0.00113	0.016104	-0.0238
0.035823	0.022394	-0.01139	0.018356	-0.01023	-0.01524	-0.00507	-0.00641	-0.02255	-0.04972
0.057059	0.024082	0.01531	0.043395	0.018416	0.001142	0.01857	0.010368	-0.03202	-0.0279
0.017192	0.022731	0.048974	0.049615	0.028819	0.020545	0.030372	0.030415	-0.00788	0.005967
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0.003178	0.039107	0.031516	0.001878	0.046031	0.014989	-0.01607	0.023387	0.048304	-0.00299
0.002461	0.040651	0.034325	0.005657	0.060354	0.038221	-0.01321	0.037111	0.039306	-0.01099
-9.15E-04	0.025641	0.01672	0.0155	0.034235	0.037418	0.018722	0.04959	0.042787	0.021257
0.010867	0.030851	0.025882	0.029818	0.003216	-5.28E-04	0.0376	0.032565	0.020802	-0.00107
0.02221	0.023693	0.026578	0.025756	0.001941	-4.13E-04	0.021342	0.010939	-0.01264	-0.0093
-0.01016	0.015141	0.033669	0.031642	8.77E-04	0.002045	0.012529	0.011881	-0.00384	0.00967
0.001338	0.044269	0.043765	0.025941	0.006194	0.024507	-0.01002	0.01489	0.024988	0.007366
0.027373	0.045262	0.037258	0.042308	0.055575	0.050339	-0.02065	0.027436	0.020397	0.001492
3.48E-04	0.011215	0.040543	0.049544	0.079823	0.061408	0.021749	0.022143	0.005652	-0.01817
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0.011033	-0.02956	-0.01951	0.03224	0.042611	-0.00506	0.029127	0.051044	0.046672	6.09E-04
2.99E-04	-0.02756	-0.01865	0.050185	0.041233	0.004749	0.033639	0.041147	0.019993	0.033368
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0.002282	0.007129	0.020606	0.012548	0.031314	0.015413	0.007638	0.046095	0.048448	0.027321
0.017833	0.00643	0.024545	-0.00896	0.009501	0.019688	-0.00365	0.026913	0.042893	0.011212
0.016115	-0.00117	0.019803	-0.01184	0.038766	0.017571	0.031638	0.023646	0.034057	0.02567
0.007245	0.031126	0.024832	0.049188	0.071957	0.051166	0.06706	0.034974	0.042964	0.058582
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-0.01	0.007861	0.016321	0.002676	0.03913	0.030765	0.006408	0.005676	0.007284	0.018824
0.022329	0.041865	0.022504	0.026245	0.055377	0.029678	-0.00585	0.02625	0.015737	0.017471

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0.001485	-0.00138	-0.00213	0.054376	0.053116	0.036439	0.008543	-0.013	0.005359	0.021341
3.16E-04	0.028948	0.058395	0.08577	0.051258	0.029048	0.008428	0.010468	0.042592	0.057812
-0.00646	0.036541	0.070497	0.027089	0.01974	0.035444	0.012679	0.012471	0.037391	0.054531
0.001761	0.027956	0.026816	0.005095	0.028836	0.038203	0.011301	-0.00889	0.011474	0.043325
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-2.68E-04	0.01481	-0.02553	-0.01662	-0.0188	0.014262	0.008527	0.039762	0.03545	0.021694
0.027321	0.002195	-0.00427	0.017132	0.00218	0.007619	0.012878	0.027715	0.018178	0.025313
0.033577	-8.35E-04	0.007502	0.031044	0.018102	0.010609	0.046888	0.023023	-0.00219	0.033784
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0.00708	0.024658	0.001208	0.031317	0.078379	0.013941	0.017375	0.030081	0.011358	0.023348
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0.012415	0.007324	-0.01411	0.045417	0.017409	-0.00915	0.013844	-0.00173	0.035642	0.063467
0.010402	-0.0097	-0.00568	0.060757	0.021783	0.005924	0.036738	0.033697	0.027379	0.065214
-0.02419	-0.00354	7.16E-05	0.020331	0.0227	0.027529	0.023109	0.009211	0.002488	0.041523
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0.007904	0.005845	-0.01879	-0.01947	0.020985	0.015532	-0.0049	0.045239	0.032045	-0.01171
0.001517	-0.0157	-0.02238	-0.00455	0.031433	0.008402	4.52E-04	0.035312	0.028373	-0.00608
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0.019524	0.013702	-0.00569	0.006205	0.045152	-0.0054	-0.01697	0.012437	0.025295	-0.01764
0.012465	-0.0272	-0.02241	0.004453	0.037901	0.020768	0.01719	0.046606	0.03862	0.018807
0.020678	-0.03368	-0.01539	0.025537	0.044169	0.027686	0.041614	0.048141	0.030558	0.044885
0.011383	0.001279	0.026629	0.039587	0.054568	0.051571	0.054087	0.044639	0.030679	0.043449
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0.029674	0.053022	0.031997	0.032308	0.09438	0.066868	0.033971	0.060512	0.039675	0.021004
0.027373	0.067398	0.047885	0.054574	0.098216	0.05464	0.037001	0.068058	0.021105	0.020567
0.028617	0.056709	0.039982	0.035622	0.061101	0.044863	0.035159	0.025589	-0.00522	-6.73E-04
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0.042864	0.050822	0.047956	0.046954	0.049923	0.042421	0.064431	0.036683	0.063221	0.085174
0.00797	0.043614	0.035191	0.010722	0.054119	0.023142	0.031343	0.054171	0.076803	0.071401
0.020033	0.035567	0.01589	0.031454	0.066144	0.023211	0.018823	0.066107	0.062868	0.022925
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0.00906	0.010936	0.015211	0.026886	0.056891	0.046244	0.069934	0.064316	0.055772	0.047987
0.016653	0.031057	0.015874	0.0499	0.045292	0.028524	0.061129	0.035881	0.029387	0.042759
0.051041	0.053764	0.039667	0.088039	0.042279	0.033955	0.060627	0.046752	0.037356	0.049313
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0.019914	0.029016	0.044083	0.010039	0.029293	0.001782	-0.02873	0.049958	0.049096	0.046844
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-0.01568	0.014297	0.009702	0.037782	0.038005	0.02118	0.032629	0.050971	0.018665	0.017171

-0.03635	-0.00861	0.015542	0.046194	0.02953	0.029994	0.044896	0.034814	0.021544	0.023821
-0.00253	-0.00843	0.018533	0.03055	0.011497	-0.02	0.035965	0.03813	0.016538	0.042635
0.043652	0.057621	0.034135	0.01872	0.0183	-0.00175	0.044806	0.015875	-0.01158	0.071854
0.023764	0.054072	0.022891	0.008109	0.028531	0.041863	0.02502	-0.0056	0.002035	0.072649
-0.00929	0.013867	0.026358	-1.27E-04	0.039251	0.048561	0.022038	0.001642	0.031802	0.010358
-0.04198	0.014049	0.030486	0.00777	0.062452	0.032296	0.030718	0.039654	0.044547	-0.01575
-0.02816	0.013834	0.040298	0.023119	0.048185	0.019996	0.017896	0.038632	0.071331	0.031005
0.008631	0.005651	0.011996	0.021297	0.026119	0.02404	0.015029	0.021936	0.067576	0.078809
0.010934	-0.02098	-0.01899	0.034091	0.022267	0.008803	0.044288	0.032159	0.034405	0.097169
0.006192	-0.00452	0.009229	0.018422	0.015549	0.018577	0.049757	0.049572	0.054713	0.096829
-0.00778	0.029084	0.036944	-0.01779	-0.00167	0.050008	0.043627	0.036166	0.075979	0.053442
-0.00335	0.024658	0.003537	0.003075	0.028311	0.044337	0.041685	0.037576	0.067632	0.030163
2.51E-04	-0.00252	-0.01584	0.041382	0.068067	0.01926	0.029352	0.051008	0.064562	0.057831
-0.01114	0.007438	0.006869	0.036398	0.03709	0.003989	0.019531	0.056275	0.071122	0.056807
-0.00319	0.012762	-0.0027	0.030414	0.007546	-0.02283	0.012015	0.052097	0.05731	0.048632
-0.01654	-0.01869	-0.0115	0.034091	0.011351	-0.01726	0.019633	0.052392	0.058615	0.061359
-0.03305	-0.02223	-0.01868	0.010282	0.005135	0.001421	0.024525	0.076988	0.105127	0.093955
-0.02826	0.004598	-0.00938	-0.01787	-0.0035	0.03516	0.041543	0.070924	0.126215	0.099399
-0.02281	0.009543	7.16E-05	-0.02281	0.020785	0.055178	0.070275	0.078615	0.090229	0.052953
-0.032	-0.03337	-0.01174	-0.01156	0.003455	0.013975	0.071035	0.10016	0.070082	0.021728
-0.02964	-0.03907	-0.04197	-0.00899	-0.03059	-0.02011	0.049883	0.094581	0.063519	0.003651
-0.00171	-0.01658	-0.05517	-0.00765	-0.01647	-0.02466	0.072082	0.110522	0.050755	-0.0184
-0.0241	-0.01181	-0.02829	-0.00737	0.017689	-7.00E-05	0.111414	0.114153	0.049564	0.013818
-0.06411	-0.04374	-0.0289	-0.02934	0.014992	0.021867	0.083416	0.050989	0.040345	0.050931
-0.04571	-0.03093	-0.02998	-0.04168	0.014844	0.027146	0.040443	0.02356	0.042698	0.051671
-0.00708	0.014347	-0.00495	-0.02171	0.048008	0.058347	0.042521	0.044022	0.044173	0.01594
0.004895	0.006527	0.021428	-0.01429	0.052257	0.123746	0.064113	0.03899	0.028802	-0.03139
-0.00824	-0.00925	0.005151	-0.00252	0.043906	0.115132	0.057446	0.016726	-0.00424	-0.06351
-0.01839	0.00421	0.017468	0.067715	0.084455	0.111607	0.08371	0.041436	0.003005	-0.02054
-0.02645	-0.00746	0.020439	0.072811	0.093475	0.108131	0.110372	0.058051	0.023848	0.030334
-0.03829	-0.02288	0.013873	0.03645	0.079233	0.125119	0.1045	0.052688	0.032062	0.030919
-0.04389	-0.00353	0.02512	0.020648	0.101305	0.12501	0.089523	0.084947	0.060607	0.011113
-0.01876	0.015125	0.043854	0.040806	0.086615	0.099756	0.112877	0.106252	0.068366	0.022655
-0.01164	-0.02407	0.01318	0.036588	0.056548	0.08668	0.100921	0.077281	0.028202	0.011147
-0.01127	-0.03051	-0.02452	0.03349	0.061904	0.081203	0.103065	0.089415	0.022898	-0.0174
-0.0098	-0.0071	-0.02252	0.042046	0.050831	0.094235	0.110642	0.078713	0.023916	0.006406
-0.03255	-0.02624	-0.01501	0.03021	0.007772	0.092329	0.098788	0.040247	0.005278	0.011328
-0.0427	-0.03286	5.35E-04	7.94E-05	0.026624	0.088481	0.079793	0.021919	-1.24E-04	-0.00798
-0.01716	-0.00182	0.013428	-9.53E-05	0.085051	0.100849	0.063963	0.029256	0.027601	-0.00101
-0.01527	0.012696	0.035433	0.038909	0.088941	0.133869	0.090914	0.046569	0.048826	0.019527
-0.04037	0.001167	0.022049	0.037539	0.085726	0.118622	0.063533	0.023058	-0.00272	-0.01518
-0.0279	-0.0037	-0.0058	0.065088	0.138169	0.127043	0.052007	0.017391	-0.04517	-0.05978
-0.02602	-0.01701	0.012933	0.10885	0.155493	0.168738	0.090497	0.03375	-0.03232	-0.05491
-0.04669	-0.04208	0.030554	0.095828	0.103873	0.149532	0.126725	0.044095	-0.00829	-0.00668
-0.04781	-0.02893	0.022588	0.059845	0.100985	0.125949	0.112437	0.056891	0.036551	0.001363
-0.03159	0.00271	0.023852	0.038996	0.115702	0.149001	0.125602	0.081552	0.07573	0.009424
-0.02925	-0.00634	0.013312	0.033301	0.086055	0.128624	0.152826	0.070269	0.040028	0.020114

-0.03855	-0.00991	-0.00527	0.009551	0.062818	0.089787	0.107529	0.056629	0.023848	-0.00767
-0.03885	-0.00351	-0.01349	-0.0202	0.075504	0.079157	0.095939	0.063652	0.037847	-0.01592
-0.02176	-0.01425	-0.01742	-0.05046	0.050457	0.059602	0.093209	0.06443	0.011771	-0.02987
0.003048	-0.03243	-0.05051	-0.06355	-0.03287	-0.00138	0.047032	0.055622	-0.01092	-0.01632
0.007031	-0.0327	-0.03973	-0.02693	-0.0587	-0.01844	0.017762	0.02092	0.011788	0.022571
0.014403	-0.01144	0.007161	0.006462	-0.02368	0.015006	0.04165	0.017886	0.037216	0.011657
0.005108	-0.00495	0.011832	0.014629	-0.00205	-0.00856	0.041508	0.048489	0.033345	-2.09E-04
-0.02988	-0.02633	-0.03473	-0.03096	0.00328	-0.00985	0.01533	0.041382	0.034962	0.003991
-0.02457	-0.01598	-0.02281	-0.00809	0.038558	0.060316	0.061017	0.082166	0.081704	-0.00142
-0.01264	-0.01136	0.009245	0.021982	0.054443	0.08312	0.130437	0.165535	0.105414	0.011229
-0.01535	-0.02231	-0.00782	0.0096	0.03043	0.031345	0.113799	0.146612	0.065477	0.050877
7.26E-05	-0.03111	-0.00365	0.015171	0.005504	0.030888	0.094051	0.083654	0.036481	0.075994
0.018729	-0.01834	0.010226	0.035708	0.019889	0.060918	0.138245	0.09843	0.048556	0.079635
-0.00385	-0.03932	0.006058	0.029903	0.044906	0.066983	0.106208	0.06871	0.060071	0.074318
-0.04746	-0.06372	0.006982	0.003155	0.014746	0.057431	0.046564	-0.00974	0.073801	0.068015
-0.01292	-0.00581	0.030263	0.018853	0.018713	0.071974	0.05188	0.008709	0.134661	0.103344
0.01944	0.035393	0.02131	0.02885	0.058538	0.069011	0.072769	0.099191	0.151217	0.13386
0.008053	0.031229	-0.00668	0.02394	0.061521	0.028733	0.059367	0.130046	0.08289	0.076777
0.025221	0.02864	0.002186	0.050667	0.048256	0.021197	0.061501	0.112812	0.056247	0.055513
0.044207	0.045138	0.025086	0.068254	0.055143	0.04253	0.106724	0.142132	0.103206	0.077332
0.02175	0.034301	0.03303	0.037158	0.044379	0.04699	0.085731	0.137833	0.122703	0.056771
0.004846	0.001664	0.023616	7.31E-04	0.003791	0.028926	0.037318	0.04317	0.068611	0.0037
0.008829	0.002485	0.027105	0.01662	0.00658	0.040621	0.035773	0.017289	0.070327	0.029459
0.004421	-0.01049	0.009147	0.021548	0.03671	0.030695	0.04062	0.034939	0.089774	0.077543
0.014403	0.011264	0.013296	0.036657	0.083052	0.04271	0.03202	0.024478	0.074258	0.062949
0.063574	0.047149	0.03853	0.082763	0.112858	0.063997	0.026631	0.037415	0.072773	0.062708
0.085754	0.060666	0.038583	0.068551	0.073624	0.042403	0.033308	0.086705	0.094046	0.083987
0.047213	0.040282	0.037989	0.012564	0.038178	0.035089	0.046115	0.085845	0.092352	0.069404
0.018746	0.00902	0.040526	0.02992	0.026742	0.02449	0.044842	0.036683	0.032911	0.054658
0.076382	0.06914	0.090891	0.096383	0.053044	0.040657	0.078185	0.034956	0.033779	0.097149
0.09693	0.097861	0.093163	0.076999	0.074469	0.065706	0.063869	0.058089	0.060385	0.092526
0.032214	0.056107	0.053126	0.032479	0.058375	0.079314	0.023706	0.044385	0.061217	0.058637
0.007113	0.045671	0.03155	0.030976	0.038628	0.070374	0.02197	0.019649	0.042681	0.039571
0.028357	0.047953	0.035537	0.065051	0.071154	0.070009	0.045236	0.0343	0.037602	0.054694
0.013717	-0.00176	0.032582	0.062367	0.073099	0.089324	0.062059	0.045185	0.049907	0.05113
0.011582	-0.03032	-0.00752	0.022383	0.013911	0.039062	0.053484	0.049829	0.03118	0.028261
0.072977	0.035636	0.025509	0.030567	0.018796	0.015803	0.072387	0.045075	0.022289	0.052176
0.099122	0.087618	0.079058	0.044168	0.022133	0.020202	0.084474	0.053059	0.050755	0.040221
0.011932	0.031693	0.063561	0.027816	-3.12E-04	0.010727	0.043288	0.019255	0.035346	-0.02275
0.0083	0.020578	0.051324	0.030278	0.023988	0.019876	0.006031	-0.01384	-0.00154	-0.0465
0.089023	0.077514	0.071363	0.064406	0.07558	0.042457	0.025482	0.040535	0.010435	-0.01018
0.084749	0.059453	0.06765	0.078005	0.081425	0.063712	0.056048	0.069383	0.030835	0.02584
0.040759	0.024404	0.010111	0.045894	0.049941	0.032719	0.036843	0.029133	0.023797	0.03128
0.071905	0.065905	0.037641	0.091828	0.069682	0.034539	0.063664	0.042808	0.024256	0.057941
0.087613	0.09658	0.102672	0.125909	0.086731	0.050725	0.110747	0.098039	0.054658	0.077753
0.061236	0.068671	0.095765	0.077018	0.05832	0.051092	0.075008	0.072258	0.065365	0.078252
0.050549	0.069665	0.077986	0.042589	0.065591	0.065592	0.028816	0.021798	0.059683	0.056588

0.049277	0.078549	0.07705	0.056631	0.111525	0.071472	0.032611	0.049517	0.06516	0.041118
0.032737	0.042271	0.044738	0.072698	0.105606	0.084707	0.052955	0.05354	0.068516	0.044885
9.00E-04	0.019924	0.021344	0.043167	0.065647	0.071376	0.050427	0.03729	0.064599	0.058014
0.044064	0.050498	0.041896	0.055223	0.066532	0.049935	0.048726	0.054264	0.058394	0.076395
0.089123	0.07435	0.057062	0.066085	0.092533	0.077316	0.080142	0.072045	0.046118	0.085779
0.061609	0.064919	0.045802	0.02719	0.070259	0.102357	0.097917	0.042609	0.030558	0.091377
0.030264	0.068277	0.057883	0.005079	0.039373	0.099921	0.084415	0.015892	0.031094	0.067322
0.050913	0.094964	0.089829	0.031198	0.068345	0.091682	0.05021	0.038811	0.058394	0.040168
0.071599	0.073155	0.084711	0.053908	0.071901	0.073579	0.035457	0.047574	0.068272	0.009195
0.032039	0.031711	0.039667	0.033559	0.050884	0.053417	0.030078	0.049058	0.067651	0.020399
0.068952	0.071416	0.046816	0.045453	0.039859	0.03683	0.025397	0.081691	0.072944	0.067978
0.109733	0.089108	0.083935	0.104891	0.083916	0.099283	0.089901	0.130577	0.101863	0.079558
0.087395	0.046098	0.07564	0.11489	0.120087	0.135586	0.123151	0.092163	0.088511	0.089247
0.088467	0.051416	0.07206	0.09563	0.082995	0.085026	0.106414	0.052448	0.06617	0.09523
0.092457	0.082711	0.131542	0.12238	0.089155	0.093463	0.107364	0.06848	0.075672	0.084454
0.083628	0.089521	0.147403	0.147618	0.123736	0.126364	0.10084	0.064602	0.075175	0.098735
0.031029	0.064863	0.088985	0.109626	0.126822	0.127372	0.1066	0.065763	0.076017	0.106465
0.018627	0.083855	0.075602	0.083455	0.133664	0.118063	0.096282	0.102728	0.099652	0.103791
0.103048	0.141415	0.099948	0.104547	0.133384	0.129174	0.10327	0.140611	0.146957	0.160474
0.124239	0.12187	0.074975	0.102813	0.095681	0.120734	0.139891	0.114857	0.13909	0.17339
0.092958	0.060463	0.049171	0.101869	0.08334	0.113005	0.150651	0.078478	0.090507	0.139235
0.089123	0.055925	0.10156	0.112662	0.087447	0.14273	0.139468	0.100491	0.11772	0.119746
0.082686	0.09724	0.126253	0.133097	0.127098	0.129483	0.116071	0.129052	0.136837	0.123264
0.054976	0.091532	0.081461	0.097713	0.111361	0.078353	0.08875	0.103081	0.102676	0.109587
0.042203	0.083777	0.074045	0.055331	0.072162	0.08814	0.081912	0.051081	0.090843	0.083016
0.071962	0.086855	0.111732	0.103055	0.113989	0.11558	0.10784	0.092913	0.124178	0.08854
0.073475	0.050498	0.079518	0.133227	0.131793	0.074374	0.095114	0.133777	0.09691	0.112649
0.035981	0.034301	0.03016	0.088506	0.102226	0.064281	0.081932	0.086965	0.055991	0.086599
0.054774	0.052769	0.056425	0.093538	0.081731	0.123225	0.1181	0.062855	0.078533	0.088933
0.070016	0.079201	0.080056	0.096324	0.088262	0.144575	0.116493	0.085087	0.084469	0.096388
0.014772	0.039002	0.048153	0.062514	0.056404	0.099119	0.10029	0.09265	0.090526	0.11064
0.007278	-0.00403	0.048742	0.062862	0.022217	0.075424	0.081192	0.066909	0.116857	0.133337
0.05188	0.041724	0.10249	0.09668	0.071452	0.104225	0.097432	0.112026	0.132998	0.143517
0.081864	0.125722	0.121345	0.106835	0.13319	0.078764	0.080647	0.144595	0.086426	0.090548
0.047611	0.101384	0.077202	0.112991	0.110809	0.020322	0.040549	0.098224	0.039147	0.074832
0.058113	0.064381	0.073591	0.152124	0.104457	0.04814	0.091552	0.098512	0.074678	0.115274
0.082941	0.075529	0.080632	0.111757	0.11502	0.107649	0.095114	0.114579	0.107716	0.092526
0.021086	0.049493	0.05021	0.058117	0.069887	0.078196	0.058793	0.088751	0.085819	0.060235
-5.43E-04	0.005554	0.054573	0.045365	0.021085	0.05581	0.069915	0.072645	0.087448	0.094214
0.042721	0.015904	0.073875	0.051792	0.03972	0.077413	0.091353	0.080052	0.102941	0.08457
0.059913	0.042412	0.044845	0.025032	0.071901	0.065287	0.06178	0.081078	0.079073	0.042953
0.005158	0.019355	-0.00593	-0.0077	0.072088	0.042331	0.039894	0.059948	0.042947	0.04066
-0.00674	0.010838	-0.01397	0.040649	0.079595	0.039653	0.059496	0.052744	0.010583	0.059518
-7.04E-04	0.016037	0.006739	0.058644	0.07308	0.044247	0.052372	0.044712	0.030973	0.067023
-0.02335	-0.00588	0.002202	0.001463	0.020852	0.023746	0.035177	0.03485	0.042734	0.036302
-0.04712	-0.03474	-0.01027	-0.0218	-0.00735	-2.99E-04	0.031742	0.028292	0.030835	0.049098
-0.04267	-3.39E-04	0.014368	-0.00699	0.005937	0.020836	0.038675	0.036558	0.031284	0.075651

-0.03644	-0.01265	0.010406	0.001734	-8.66E-04	0.027163	0.035159	0.017749	0.008545	0.024923
-0.05235	-0.05093	-0.00926	-0.01839	0.00908	0.020116	0.007655	-0.00649	-0.01488	-0.01959
-0.04136	-0.02713	-0.01736	-0.01663	0.028243	-0.00346	-0.00341	0.012842	-0.01872	-0.00827
-0.03003	-0.00626	-0.00533	-0.01849	-0.01082	-0.02611	-0.02581	-0.00633	-0.01415	0.00328
-0.03867	-0.03036	-0.02486	-0.04989	-0.03675	-0.03145	-0.04098	-0.04542	-0.00944	-0.00612
-0.04897	-0.06977	-0.06377	-0.05835	-0.03068	-0.03515	-0.03	-0.06526	-0.01453	6.41E-04
-0.03962	-0.06365	-0.06794	-0.041	-0.01735	-0.01829	-0.01307	-0.02613	-1.40E-04	0.024753
-0.03582	-0.04702	-0.05372	-0.03537	-0.02422	-0.0099	-0.00539	-0.02342	-0.0082	0.039922
-0.06547	-0.05675	-0.06527	-0.05683	-0.02809	-0.01076	-0.0245	-0.05102	-0.0082	0.027526
-0.08169	-0.05171	-0.05979	-0.05454	-4.39E-04	0.001027	-0.02802	-0.00508	0.023611	0.001604
-0.05473	-0.03825	-0.05273	-0.04065	0.002738	-0.00362	-0.05736	-0.01582	0.016271	0.003651
-0.06867	-0.06355	-0.05538	-0.0398	-0.01562	-0.04098	-0.0768	-0.04808	-0.01711	-0.00149
-0.07636	-0.07055	-0.0558	-0.05889	-0.02082	-0.05513	-0.05338	-0.06616	-0.06358	-0.01378
-0.04574	-0.04319	-0.05895	-0.04675	-0.01415	-0.05287	-0.02625	-0.05898	-0.07329	-0.01875
-0.03293	-0.03581	-0.03595	-0.01915	-0.04395	-0.03467	-0.01364	-0.04446	-0.04763	-0.03691
-0.04634	-0.05608	-0.03881	-0.0274	-0.07632	-0.00571	-0.01277	-0.04572	-0.05144	-0.05704
-0.05393	-0.05375	-0.05418	-0.05121	-0.04782	-0.00894	-0.02396	-0.02607	-0.0364	-0.0718
-0.04836	-0.0405	-0.05148	-0.05601	-0.0234	-5.44E-04	-0.03098	-0.03496	-0.03814	-0.07398
-0.05917	-0.04259	-0.03518	-0.05569	-0.03463	-0.02117	-0.02902	-0.04158	-0.03471	-0.04712
-0.06176	-0.03709	-0.03651	-0.05401	-0.04539	-0.06855	-0.03365	-0.00889	0.001341	-0.02534
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-0.01355	-0.02948	0.004021	-0.00953	-0.01179	0.026415	-0.00147	-0.02517	0.020245	0.003958
0.011383	-0.00765	0.02685	4.77E-04	0.017128	0.055308	0.01662	-0.01099	-0.01944	-0.02095
0.025324	-0.01049	0.038985	0.033336	0.032934	0.021781	-0.00119	-0.02305	-0.03707	-0.02475
0.005354	0.023237	0.044756	0.017611	0.025211	-0.00745	-0.03181	-0.00348	-0.01801	-0.03184
0.006932	0.045369	0.037258	0.007091	0.03578	0.010978	-0.0115	0.009847	-0.00988	-0.0151
0.004568	0.023389	0.020003	0.015516	0.01675	-0.0099	-0.00898	-0.00388	-0.00687	-0.01579
0.009888	-0.01049	-0.01172	0.007479	-0.01925	-0.04113	-0.02734	-0.01675	-0.00905	-0.037
0.003472	-0.03068	-0.0021	0.003203	-0.00707	0.00389	0.005573	-0.01274	0.012946	-0.0217
-0.00919	-0.02909	0.001994	0.00832	-0.00386	0.038114	0.028696	-0.01295	0.005538	-0.00434
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-0.0302	-0.06029	-0.01035	0.015714	-0.03029	-0.03768	-0.0137	-0.04487	-0.03532	-0.00375
-0.04018	-0.08114	-0.03412	-0.01386	-0.04711	-0.05715	-0.03012	-0.05394	-0.04117	-0.02984
-0.05825	-0.07614	-0.05849	-0.05929	-0.06685	-0.03705	-0.02541	-0.04742	-0.01773	-0.01706
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-0.02651	-0.02191	-0.03781	-0.0157	-0.02066	-0.03062	-0.04138	-0.03824	-0.05251	-0.04758
0.007228	0.005943	-0.00582	0.023152	-0.01536	-0.02455	-0.02935	-0.02482	-0.04568	-0.02037
-0.01708	0.020259	0.016338	0.008384	-0.01679	-0.02318	-0.02271	-0.02342	-0.04569	-0.03003
-0.01493	0.01291	0.019201	0.008028	-0.00508	-0.02401	-0.04855	-0.03009	-0.02476	-0.02039

0.029604	0.025658	0.054627	0.0313	0.00824	0.005394	-0.01095	0.013501	0.02006	0.004136
0.040546	0.042959	0.061845	0.030278	-0.0267	0.012541	0.030043	0.03045	0.025261	-6.73E-04
0.063255	0.075644	0.043306	0.024612	-0.01339	0.001651	-7.74E-04	0.009177	0.009317	9.55E-05
0.093762	0.106896	0.056935	0.062184	0.077564	0.034238	0.018772	0.040931	0.009349	0.051671
0.078823	0.112251	0.086813	0.097912	0.114154	0.080316	0.078611	0.08171	0.051913	0.076949
0.080243	0.107531	0.10156	0.098808	0.1204	0.102482	0.116936	0.105269	0.087389	0.077504
0.134915	0.091216	0.108274	0.133162	0.118253	0.102772	0.146785	0.117277	0.082287	0.107633
0.141575	0.094964	0.117411	0.13824	0.127841	0.13329	0.149396	0.113216	0.093268	0.136858
0.100958	0.091571	0.126424	0.103075	0.115	0.135855	0.088691	0.094052	0.127615	0.102735
0.095232	0.106283	0.112187	0.087126	0.106092	0.125687	0.055021	0.094113	0.112397	0.047719
0.135712	0.154761	0.127988	0.144794	0.179196	0.183235	0.114513	0.144618	0.104227	0.088186
0.156786	0.155699	0.164658	0.17285	0.197052	0.176749	0.148282	0.139842	0.143609	0.145617
0.156507	0.113372	0.146618	0.140385	0.13769	0.104537	0.107653	0.106901	0.108479	0.108023
0.135889	0.082827	0.145388	0.171222	0.149507	0.096476	0.13623	0.150906	0.083591	0.110433
0.092818	0.105323	0.163958	0.187246	0.162875	0.155154	0.1784	0.15724	0.119241	0.170605
0.046347	0.102173	0.158883	0.144927	0.116779	0.15387	0.120778	0.121723	0.137476	0.145505
0.047177	0.081184	0.129449	0.100146	0.108912	0.136616	0.095255	0.149216	0.149263	0.102836
0.062712	0.082595	0.118187	0.122696	0.158677	0.150849	0.125344	0.159506	0.160168	0.100064
0.070321	0.066073	0.105698	0.128484	0.127034	0.127504	0.130393	0.129228	0.132976	0.100246
0.073725	0.074768	0.073212	0.071836	0.09925	0.099921	0.082712	0.130179	0.12232	0.097049
0.084394	0.111103	0.083605	0.078519	0.117816	0.086201	0.074107	0.16157	0.123536	0.091417
0.102781	0.127822	0.106984	0.105862	0.092063	0.078607	0.09227	0.109593	0.095286	0.086462
0.116205	0.101222	0.119048	0.115905	0.069347	0.074355	0.10029	0.053392	0.066863	0.084512
0.103768	0.083661	0.140746	0.103861	0.045855	0.118364	0.127114	0.054971	0.11246	0.105075
0.102022	0.112148	0.13256	0.090359	0.078322	0.141777	0.131681	0.092913	0.132932	0.130667
0.075013	0.089895	0.096143	0.114993	0.128757	0.114621	0.110309	0.107237	0.111399	0.124927
0.028617	0.068109	0.091503	0.101608	0.131064	0.097601	0.068778	0.105896	0.116016	0.094114
0.02192	0.081223	0.100814	0.091946	0.13706	0.134136	0.114786	0.133532	0.140443	0.105769
0.049005	0.054907	0.075108	0.089422	0.101145	0.104059	0.168936	0.118287	0.094585	0.114835
0.071026	0.048078	0.063044	0.087864	0.066476	0.045571	0.126595	0.07189	0.077168	0.11983
0.065415	0.017434	0.087282	0.108463	0.079405	0.108971	0.107075	0.079225	0.157803	0.177108
0.047791	0.028383	0.127902	0.147462	0.13485	0.159005	0.123366	0.140906	0.187961	0.189742
0.051424	0.072323	0.130031	0.114724	0.117152	0.107041	0.070598	0.095888	0.157873	0.117515
0.029552	0.060482	0.109198	0.071012	0.088786	0.089948	0.044824	0.071852	0.166303	0.1172
0.06348	0.084457	0.092174	0.054628	0.099409	0.099057	0.077027	0.107132	0.135736	0.147593
0.087395	0.06914	0.057609	0.045506	0.06853	0.0879	0.08465	0.105499	0.088905	0.148246
0.049386	0.053149	0.04419	0.07345	0.073305	0.083853	0.09822	0.086045	0.088531	0.164573
0.081082	0.080509	0.073477	0.122401	0.096214	0.093098	0.129609	0.095254	0.131298	0.151254
0.123787	0.110431	0.117286	0.138786	0.10991	0.095782	0.118567	0.124094	0.143676	0.145729
0.082529	0.071492	0.107209	0.126865	0.098116	0.078745	0.068986	0.075659	0.140065	0.156827
0.050768	0.054653	0.128417	0.113094	0.092945	0.083219	0.077625	0.061588	0.168335	0.120295
0.076402	0.076521	0.079326	0.083647	0.094065	0.086381	0.094934	0.096154	0.13488	0.06946
0.090797	0.089934	0.0426	0.080616	0.106962	0.08704	0.095818	0.119516	0.097313	0.08701
0.091156	0.085488	0.072306	0.107994	0.1304	0.097683	0.135259	0.110649	0.062775	0.158439
0.12638	0.085508	0.093579	0.140516	0.152423	0.109834	0.160537	0.156605	0.107036	0.198458
0.120097	0.117107	0.092628	0.128484	0.154475	0.080316	0.096241	0.158419	0.159959	0.160845
0.074667	0.084554	0.104782	0.118963	0.102888	0.103747	0.115375	0.105248	0.146709	0.136858

0.062356	0.085488	0.137006	0.102291	0.072967	0.148817	0.161192	0.116033	0.145471	0.128982
0.07336	0.09742	0.112788	0.095531	0.100885	0.122704	0.132863	0.144618	0.141511	0.103954
0.123206	0.123377	0.116616	0.124977	0.137299	0.128075	0.141543	0.154424	0.138249	0.1016
0.142833	0.103308	0.105332	0.145548	0.129674	0.112645	0.153699	0.137406	0.104064	0.114877
0.134032	0.073819	0.088534	0.134588	0.101785	0.088561	0.0852	0.116247	0.093647	0.101397
0.096444	0.085001	0.096562	0.109259	0.107205	0.085284	0.078031	0.121831	0.103676	0.10669
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0.094084	0.085333	0.085255	0.118212	0.094321	0.109581	0.058461	0.072568	0.097695	0.100831
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0.067814	0.116772	0.1085	0.087242	0.108932	0.040747	0.07618	0.104538	0.073648	0.072384
0.071465	0.137553	0.061237	0.11578	0.092612	0.033778	0.123774	0.10331	0.067219	0.087774
0.089999	0.1257	0.081383	0.135932	0.108668	0.08772	0.102145	0.070326	0.034353	0.030472
0.069066	0.073534	0.089377	0.071574	0.089642	0.080651	0.086105	0.059665	0.021697	0.044459
0.078726	0.041566	0.028963	0.061689	0.025883	0.056648	0.113883	0.056779	0.047748	0.051093
0.104035	0.034179	0.019569	0.064646	-0.0035	0.061087	0.091114	0.049407	0.053747	0.063282
0.076943	0.051272	0.045678	0.052939	0.02777	0.052696	0.038234	0.044548	0.05099	0.05223
0.015997	0.03522	0.051396	0.035915	0.069254	0.058553	0.030441	0.016862	0.034631	0.025024
0.022483	0.065961	0.052873	0.028358	0.097125	0.009555	0.020343	0.00794	-0.0127	0.015823
0.048117	0.067622	0.048742	0.028358	0.086286	-0.00112	-1.94E-04	0.028257	0.012201	0.019561
0.022415	0.018151	0.03303	4.29E-04	0.04838	0.011633	-0.01157	0.009261	-0.00258	0.00257
0.04149	0.018719	0.011389	0.012385	0.033841	-0.01554	0.001423	-0.00245	-0.02538	0.038082
0.071007	0.032538	0.016902	0.051095	0.012197	-0.0353	0.032977	0.009328	-0.00866	0.037435
0.013751	0.011905	0.003425	0.031744	-0.0012	-0.0246	0.028472	0.020181	0.019269	0.008068
-0.05887	-0.03687	0.013526	0.01606	-0.00885	0.009203	0.007146	-0.0118	0.023611	0.003619
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0.004781	0.019421	-0.03815	-0.03884	0.040154	0.037668	-0.00782	0.054134	0.052639	0.011541
0.021716	-0.0031	-0.00395	-0.02544	0.016585	0.018355	-0.02364	0.018758	0.007023	-0.00728
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-0.05522	-0.01913	1.00E-03	-0.0292	0.007095	-0.03337	-0.03964	0.010754	0.011887	-0.0191
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0.067095	0.037499	0.03651	0.054916	0.021134	0.015464	0.063309	0.033821	0.02584	0.064526
0.057835	-0.02285	0.01536	0.067381	0.014369	0.043143	0.076468	0.030028	0.047748	0.071571
0.028167	-0.02945	0.077871	0.063266	0.012555	0.074763	0.085436	0.042989	0.077302	0.05113
0.067284	0.045333	0.105087	0.07869	0.04132	0.063845	0.074586	0.027576	0.051841	0.061543

0.08611	0.080432	0.037432	0.047609	0.027045	0.051921	0.030545	0.018159	0.063612	0.059169
0.03801	0.06991	0.006917	0.037505	0.09007	0.096006	0.023552	0.078399	0.102351	0.067996
0.042096	0.095003	0.063007	0.081401	0.138387	0.092025	0.059034	0.100222	0.090348	0.108105
0.076266	0.089678	0.10631	0.118692	0.093515	0.057581	0.081971	0.076831	0.035695	0.104158
0.083824	0.021502	0.044969	0.09478	0.052329	0.055197	0.091412	0.042646	0.039552	0.114168
0.043294	0.002243	0.082483	0.088214	0.055755	0.109329	0.123645	0.041923	0.097896	0.130667
0.042811	0.062824	0.136874	0.114662	0.092965	0.120734	0.133675	0.089919	0.101395	0.093896
0.053123	0.102193	0.096802	0.091828	0.070743	0.096027	0.088671	0.061928	0.093707	0.065381
0.010851	0.10272	0.083838	0.057573	0.07929	0.135475	0.083553	0.084868	0.127701	0.080888
0.003603	0.109463	0.098422	0.109361	0.161333	0.161608	0.165354	0.158986	0.106276	0.098092
0.063874	0.108249	0.140414	0.184736	0.161609	0.073172	0.199909	0.147256	0.074888	0.112608
0.124714	0.064436	0.113845	0.139245	0.080757	0.053177	0.127677	0.090888	0.114799	0.162775
0.12076	0.031831	0.128352	0.1111059	0.069329	0.121902	0.134665	0.116354	0.183744	0.202883
0.134054	0.089678	0.171149	0.153185	0.091809	0.129218	0.14273	0.135341	0.172908	0.162682
0.141642	0.146789	0.133993	0.110957	0.078929	0.099098	0.123495	0.151045	0.171617	0.136178
0.06159	0.137224	0.112166	0.093066	0.134786	0.165063	0.136009	0.171552	0.186131	0.159085
0.057188	0.161231	0.139907	0.130388	0.179771	0.186063	0.197537	0.214134	0.16075	0.205369
0.117096	0.162091	0.164145	0.162386	0.100067	0.157757	0.248757	0.185045	0.143654	0.23436
0.129534	0.132378	0.171742	0.158184	-0.02202	0.191342	0.236201	0.118739	0.18888	0.249515
0.150715	0.137268	0.219344	0.177269	0.087273	0.231742	0.203893	0.169973	0.20371	0.228248
0.19245	0.163464	0.17962	0.203021	0.224747	0.204422	0.220202	0.203949	0.185564	0.188529
0.196048	0.20176	0.194791	0.190656	0.229181	0.1902	0.165401	0.1805	0.203299	0.175953
0.177445	0.251861	0.218339	0.164468	0.171629	0.1805	0.166987	0.223658	0.229248	0.225627
0.234686	0.19554	0.205584	0.188445	0.15186	0.201394	0.218757	0.163548	0.233081	0.287557
0.253905	0.151255	0.252254	0.209891	0.170478	0.225979	0.213578	0.152929	0.245748	0.237559
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0.213915	0.199601	0.269234	0.258375	0.211219	0.161466	0.231416	0.180053	0.192271	0.191033
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0.242204	0.2314	0.215784	0.237608	0.250702	0.192691	0.122209	0.145556	0.136462	0.138177
0.25376	0.228872	0.253713	0.256451	0.237914	0.241302	0.191298	0.103663	0.133697	0.123753
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0.143983	0.16964	0.186022	0.154565	0.128012	0.140125	0.09002	0.068883	0.078225	0.130494
0.10701	0.074122	0.105332	0.136867	0.107855	0.103103	0.104788	0.048105	0.056815	0.083055
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0.199932	0.214003	0.244217	0.24155	0.233634	0.260539	0.292196	0.321043	0.346219	0.370355
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0.011475	-0.01603	0.010983	0.005622	-0.0019	0.001691	0.015025	0.004306	-0.0245	0.03185
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-0.01497	-0.02915	-0.02806	-0.02289	-0.01132	-0.00473	-0.02458	-0.02106	-0.00374	-0.01309
0.0044	-0.03201	-0.02969	-0.00684	0.004851	-0.0115	-0.00729	0.008635	0.012104	0.010055
-0.00952	-0.03283	-0.03941	-0.01509	-0.00694	-0.01423	0.004831	0.0229	0.020464	0.011259
-0.01385	-0.03303	-0.03483	-0.01674	-0.03337	-0.0355	0.016564	0.024712	-0.00315	0.020931
0.005616	-0.01652	-0.01166	-0.02079	-0.02804	-0.04066	0.016023	0.023365	0.012186	0.022067
-0.00974	-0.02002	-0.01513	-0.04196	-0.02436	-0.01237	0.009212	0.036415	0.027144	-0.02119
-0.03218	-0.03645	-0.0295	-0.03737	-0.02359	-0.01133	-0.00749	0.04802	-0.00586	-0.04261
-0.0059	-0.02821	-0.01909	0.010212	0.01047	-0.01788	-0.00102	0.04744	-0.00811	0.003848
0.01901	-0.00729	-0.0131	0.012838	0.017022	-0.02166	0.011395	0.023697	0.00987	0.023999
0.001163	-0.00545	-0.01871	-0.029	-0.00818	-0.02782	-0.00148	0.012328	-0.01573	-0.03015
0.0011	-0.01757	-0.00123	-0.0138	0.007951	-0.02046	0.016433	0.00245	-0.0306	-0.01556
6.62E-04	-0.02726	0.006476	5.99E-04	0.006188	-0.01366	0.006175	-0.00634	-0.03107	0.01329
-0.01165	-0.01515	0.014152	-0.01345	-0.01331	-1.46E-04	-0.03996	-0.01585	-0.01752	0.001641

0.00168	0.002827	-0.00496	-0.01527	-0.01202	-0.01468	-0.05464	-0.04184	-0.03136	-0.01773
0.006091	0.001731	-0.03677	-0.01853	-0.01151	-0.03088	-0.04118	-0.03771	-0.03433	-0.02841
-0.01624	-0.01252	-0.04446	-0.02021	-0.02049	-0.03609	-0.02364	-0.02946	-0.03266	-0.01949
-0.02379	-0.04419	-0.0579	-0.01959	-0.03065	-0.0574	-0.01209	-0.02855	-0.04312	-0.01474
0.003455	-0.04263	-0.03613	-7.91E-04	-0.01821	-0.03708	0.013084	0.01395	-0.00651	-0.00277
-0.00458	-0.01926	-0.00551	-0.00706	-0.01453	-0.00864	4.63E-04	-0.00513	-0.0131	-0.0053
-0.01953	-0.01248	0.011313	-0.02819	-0.03353	0.004243	-0.01662	-0.0371	-0.02902	-0.01484
0.012117	0.003069	0.013719	-0.0109	-0.01124	4.12E-04	-0.02075	-0.01088	-0.00836	-0.02967
0.035398	0.014375	0.006427	0.006481	0.013709	-0.00677	-0.03063	-0.01065	-7.91E-04	-0.04099
0.017187	0.006474	-0.00371	4.07E-04	0.009753	0.00331	-0.0231	-0.02052	-0.00359	-0.02718
-8.52E-04	-0.01461	-0.01803	0.003426	0.005366	-0.0142	0.012028	0.015155	-0.01018	-0.00173
0.011459	0.003182	8.67E-04	0.006578	0.016427	1.09E-04	0.035182	0.034604	0.001131	0.033387
0.011748	0.01869	0.025183	0.005282	0.019162	0.012139	0.007265	0.017442	0.035055	0.039983
0.014144	0.015089	0.014969	-0.00315	-0.00111	-0.01637	-0.01193	0.014275	0.041842	0.003516
0.036568	0.01363	0.008279	0.016558	0.029595	-0.0218	0.002332	0.062335	0.036202	-0.00572
0.042227	0.026154	0.016674	0.03619	0.052124	0.001451	0.01686	0.085796	0.040628	0.020586
0.066445	0.0531	0.030252	0.035218	0.034856	0.025036	0.046633	0.065014	0.048773	0.044298
0.069421	0.052793	0.057812	0.044698	0.012348	0.026813	0.075337	0.053718	0.032822	0.056899
0.066864	0.045769	0.067496	0.018472	0.01343	0.056518	0.078901	0.066736	0.050892	0.068462
0.064195	0.059361	0.042398	-0.00148	0.049102	0.085502	0.060511	0.068483	0.080904	0.063575
0.066772	0.068709	0.017613	0.058722	0.101383	0.071031	0.049348	0.097045	0.098941	0.047013
0.049864	0.048755	0.01763	0.085826	0.095357	0.059305	0.045526	0.115026	0.101058	0.031766
0.014241	0.054298	0.044465	0.060336	0.06592	0.053838	0.053758	0.101854	0.088433	0.031699
0.047907	0.058461	0.047908	0.073385	0.079538	0.065323	0.101581	0.104348	0.056125	0.05885
0.079202	0.053717	0.057923	0.078468	0.074428	0.068821	0.108519	0.084704	0.034102	0.074389
0.062569	0.049132	0.07431	0.058503	0.057902	0.066697	0.050057	0.068889	0.053999	0.06305
0.051408	0.064354	0.069894	0.047827	0.04365	0.070693	0.007137	0.062662	0.081097	0.069877
0.094766	0.109861	0.078249	0.08135	0.078336	0.080158	0.03011	0.081085	0.084623	0.084375
0.090034	0.112846	0.081057	0.100905	0.107882	0.067497	0.046369	0.08291	0.091881	0.081191
0.050232	0.070932	0.057518	0.087015	0.090588	0.038693	0.03938	0.080024	0.063474	0.06634
0.075843	0.066069	0.071963	0.092577	0.065402	0.045261	0.071429	0.072222	0.021237	0.078311
0.077538	0.080728	0.098197	0.076653	0.035753	0.054489	0.083278	0.0445	0.014299	0.056614
0.062461	0.065845	0.083024	0.04674	0.035373	0.066492	0.057383	0.052171	0.037126	0.039108
0.074636	0.054425	0.060676	0.059473	0.080284	0.07712	0.023159	0.076218	0.048271	0.030538
0.080854	0.06298	0.052159	0.071987	0.108576	0.075542	0.019444	0.064338	0.01986	-0.00795
0.060805	0.071744	0.053652	0.070142	0.1003	0.088463	0.052544	0.067158	0.039697	0.017591
0.060823	0.076175	0.065542	0.091254	0.082529	0.071407	0.067353	0.062171	0.047021	0.044472
0.073248	0.071574	0.074731	0.079791	0.065272	0.054923	0.056249	0.064502	0.038068	0.03868
0.044746	0.038348	0.062851	0.06201	0.055744	0.060513	0.051299	0.066167	0.045845	0.018783
0.032713	0.036251	0.062348	0.064413	0.054408	0.061724	0.023709	0.065801	0.06266	0.001956
0.093834	0.062609	0.038453	0.083592	0.090902	0.046909	0.026822	0.098958	0.072953	-0.04271
0.115283	0.074439	0.0252	0.062988	0.086064	0.058447	0.072547	0.080043	0.069877	0.004734
0.088921	0.081269	0.053324	0.069823	0.053957	0.023014	0.062786	0.059799	0.045596	0.041618
0.097982	0.060116	0.062851	0.104916	0.044354	0.014787	0.060747	0.044867	-1.83E-04	0.032931
0.115018	0.054389	0.064082	0.049615	0.043756	0.038867	0.070945	0.033617	0.003788	0.064374
0.080121	0.046411	0.060639	0.020914	0.0387	0.037248	0.06885	0.065233	0.045454	0.064792
0.061974	0.081675	0.090802	0.050943	0.059596	0.041332	0.02704	0.064466	0.056398	0.032491

0.06414	0.084472	0.081135	0.053684	0.064792	0.042263	0.02037	0.045129	0.0401	0.017379
0.042846	0.033454	0.064063	0.0526	0.045501	0.036069	0.026889	0.043699	0.039978	0.013871
0.032343	0.01587	0.059658	0.067689	0.042122	0.019698	0.02918	0.037032	0.017104	0.01287
0.056303	0.055262	0.08402	0.104021	0.067218	0.037509	0.051174	0.03423	-0.01179	0.036698
0.075843	0.067134	0.086787	0.092162	0.07543	0.06772	0.053526	0.032242	-0.01266	0.029396
0.060375	0.043919	0.059621	0.027675	0.045731	0.054019	0.021895	0.013658	0.019207	0.00183
0.060213	0.050084	0.035014	-7.59E-04	0.035045	0.001003	-0.024	0.028158	0.043043	-0.01248
0.075731	0.06886	0.037011	0.020712	0.046208	0.018332	-0.00864	0.045216	0.0767	0.023668
0.077762	0.073317	0.058273	0.044344	0.021579	0.041367	0.03484	0.01915	0.066244	0.044368
0.042485	0.025405	0.019582	0.044114	0.009981	0.029108	0.047407	0.006425	0.008578	0.020389
0.028308	0.010744	0.006345	0.055696	0.043175	0.028716	0.032792	-0.00648	-0.01173	0.02948
0.00682	0.017119	0.031672	0.044043	0.033444	0.00767	-0.01372	-0.00676	-0.00431	0.033302
-0.01322	-0.00729	0.042523	0.014951	-0.0145	0.012648	-0.00872	0.010518	0.018271	0.007179
0.018717	-0.00911	0.023887	0.015464	5.13E-04	0.008563	0.010036	0.02027	0.004289	-0.01393
0.044296	0.006996	6.25E-04	0.013893	0.018447	-0.0043	0.007795	0.008266	-0.01237	-0.0265
0.043899	0.022744	-0.01912	-7.27E-04	0.008243	-0.00876	-0.00148	-0.02697	-0.00592	-0.01536
0.042072	0.003473	-0.01168	0.012855	0.020594	0.012566	9.37E-04	-0.02431	-0.02927	-0.00265
0.042089	-0.01716	0.016088	0.03612	0.033221	0.042949	0.026369	0.030212	-0.02465	-0.00137
0.041745	-0.01148	0.035609	0.003974	-0.00166	0.026508	0.035182	0.036329	-0.0133	-0.00634
0.034856	0.009496	0.008033	-0.01046	-0.00846	0.008596	-1.69E-04	-0.00628	-0.01802	-0.01905
0.037129	0.017203	-0.00729	0.027675	0.021128	0.005501	-0.02497	0.001991	-0.0112	-0.01928
0.002166	0.008939	0.01347	0.0288	0.002925	0.004324	-0.01166	0.002529	0.005827	-0.00772
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-0.00678	0.010349	0.009514	0.029638	0.032757	-0.00102	0.021713	-0.00157	-6.15E-04	0.006336
0.009205	0.003732	0.037415	0.043795	0.067943	0.041069	0.041234	0.021757	0.008285	0.01934
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0.001116	0.018088	0.051359	0.018539	0.007676	0.03346	4.31E-04	-0.01195	0.00884	-0.03049
0.043812	0.037281	0.022985	0.029552	0.031935	0.024125	0.003492	0.032004	0.03322	-0.01016
0.032393	0.018238	0.018959	0.048774	0.035926	0.03503	0.018405	0.03192	0.041807	0.009959
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0.028875	0.021562	0.008197	0.015066	-0.00415	-9.26E-04	0.04146	0.032835	0.014795	0.027156
0.029794	0.015355	0.01943	0.003184	0.008567	0.018415	0.030059	0.013918	0.018505	0.042619
-0.01028	-0.00922	0.023989	0.007732	-0.02409	0.00434	-0.00914	-0.00556	0.019609	0.029195
0.004132	0.011073	0.036379	0.025924	-7.92E-04	0.020683	0.005135	0.022601	0.032546	0.022149
0.016392	0.031656	0.035014	0.070105	0.077308	0.075732	0.032587	0.048037	0.038296	0.019225
-0.00564	0.020485	0.006738	0.034958	0.035667	0.058666	0.036863	0.035577	0.023327	0.01036
0.007756	-0.00894	-0.0152	0.019089	0.008372	0.009915	0.0339	0.0229	0.002433	0.010103
0.040509	0.007338	-0.0019	0.027402	0.029578	0.026931	0.049083	0.032513	0.011906	0.045306
0.049497	0.031829	0.034909	0.019256	0.015634	0.049403	0.041721	0.018887	0.003207	0.042982
0.043882	0.030932	0.049549	0.012377	0.005753	0.041789	0.018175	8.22E-04	-0.01693	0.028659
0.041917	0.069895	0.074482	0.042736	0.051335	0.042755	0.017139	0.041927	0.021472	0.023255
0.038372	0.049132	0.058863	0.05666	0.05286	0.052037	0.047107	0.054984	0.047431	0.022875
0.025634	-0.00232	0.010669	0.028578	0.020077	0.019731	0.030313	0.025997	0.013125	0.017787
0.044798	-0.0014	0.011744	0.025856	0.017055	-0.00107	0.029213	0.032581	-0.00353	0.035235
0.057175	-0.00251	0.003784	0.004248	-0.0013	0.015414	0.040228	0.045496	0.027605	0.049341
0.027227	-0.00495	-0.00238	-0.00976	-0.00517	0.024934	0.021746	0.028125	0.031065	0.03
0.036432	0.017887	-0.00451	0.018455	0.027607	0.021922	-0.00259	0.014959	0.031219	0.028342

0.045092	0.044612	0.012208	0.054226	0.04321	0.001419	-0.00325	0.04464	0.040346	0.022133
0.011379	0.019293	0.016808	0.038943	0.0379	-0.00622	-9.10E-04	0.038319	0.005033	-0.00618
0.018538	-0.02014	0.009761	0.032833	0.046244	0.012845	0.015941	1.61E-04	-0.02397	0.011999
0.045075	-0.00609	0.031551	0.0651	0.074768	0.035843	0.059913	0.012036	-0.0045	0.064337
0.0355	0.01099	0.047242	0.052997	0.047378	0.045261	0.071057	0.029656	0.04061	0.050606
0.041144	0.00889	0.04263	0.029108	0.029544	0.047496	0.038517	0.043769	0.077618	0.025824
0.060339	0.032157	0.01537	0.038524	0.036999	0.020583	0.019758	0.05452	0.045205	0.02739
0.05053	0.037159	1.89E-04	0.023504	0.027082	0.003037	0.015303	0.029436	0.01051	0.013661
0.03684	0.012952	-0.00128	0.013976	0.029782	0.004743	0.015385	0.00609	-0.00761	0.002176
0.038202	0.002246	0.027084	0.057498	0.042175	0.021235	0.046299	0.02573	3.61E-04	0.049867
0.040972	0.019847	0.059325	0.082721	0.075601	0.077386	0.08687	0.074907	0.067252	0.131997
0.021726	0.042166	0.056213	0.055133	0.08176	0.084707	0.069127	0.070163	0.109319	0.110301
0.034214	0.060098	0.039917	0.038524	0.055112	0.039373	0.028454	0.038113	0.08371	0.029178
0.066354	0.054044	0.043448	0.055224	0.053777	0.050978	0.042556	0.066516	0.067851	0.02649
0.058102	0.033488	0.0384	0.066793	0.069229	0.081541	0.078295	0.071776	0.058427	0.057668
0.046671	0.005564	0.026484	0.056423	0.052357	0.053423	0.0735	0.044745	0.023546	0.045097
0.041127	0.001506	0.044626	0.042507	0.038926	0.046874	0.072827	0.048917	0.032029	0.066541
0.025833	0.004396	0.048502	0.03046	0.050762	0.054687	0.022926	0.050082	0.057567	0.075469
0.025005	0.013696	0.041688	0.013316	0.049762	0.048885	-0.00547	0.054592	0.068975	0.057114
0.049129	0.049689	0.043359	0.035201	0.058521	0.015662	0.03361	0.081047	0.050046	0.025459
0.057496	0.063277	0.044751	0.081234	0.096111	0.033116	0.095676	0.115355	0.067533	0.053342
0.03337	0.038243	0.035556	0.070763	0.070312	0.056336	0.090122	0.082986	0.078288	0.097429
0.004873	-0.00427	0.039352	0.051555	0.026929	0.026084	0.071262	0.054467	0.049562	0.084946
0.008201	0.011237	0.029199	0.041697	0.035149	0.036311	0.094124	0.080327	0.04061	0.057704
0.020137	0.037351	0.027874	0.039783	0.041264	0.039478	0.036589	0.055324	0.0345	0.043466
0.018293	0.041319	0.051977	0.041749	0.041474	0.015101	-0.0228	0.021442	0.050388	0.032272
0.034113	0.044879	0.028682	0.052221	0.08589	0.040544	0.028538	0.048248	0.050874	0.044038
0.037691	0.02658	-0.00173	0.037407	0.103539	0.077939	0.077842	0.08099	0.055925	0.076888
0.035466	-0.00395	-0.01501	0.025144	0.069303	0.066529	0.07408	0.071349	0.041807	0.061711
0.054459	0.012044	0.02256	0.067147	0.053345	0.060256	0.095125	0.091102	0.073161	0.118434
0.057959	0.032986	0.053451	0.061623	0.054462	0.063474	0.062385	0.119957	0.128818	0.173065
0.041213	0.026921	0.049711	0.044893	0.06839	0.085755	0.064431	0.108956	0.158706	0.189786
0.046862	0.049563	0.045395	0.066811	0.089023	0.089226	0.070258	0.113225	0.20264	0.205891
0.060375	0.074325	0.060565	0.08008	0.105563	0.064619	0.052241	0.171393	0.221474	0.193561
0.0344	0.066274	0.063074	0.060666	0.097821	0.064176	0.053418	0.169343	0.19648	0.139577
0.032074	0.035085	0.032297	0.043407	0.04249	0.034996	0.077219	0.123498	0.152385	0.103847
0.053398	0.025201	0.041138	0.058759	0.04372	0.05114	0.127687	0.12549	0.15714	0.143047
0.066991	0.030106	0.03287	0.06273	0.056958	0.082465	0.121085	0.128908	0.164116	0.134893
0.037299	0.003894	0.035609	0.052726	0.071174	0.11363	0.114356	0.12895	0.113831	0.090911
0.050583	-3.57E-04	-0.01081	0.073158	0.122273	0.125877	0.138912	0.150509	0.087355	0.078743
0.076494	0.0366	-0.02214	0.07591	0.130875	0.105403	0.119731	0.132245	0.102778	0.086224
0.061614	0.042644	0.02951	0.06711	0.107821	0.080062	0.095282	0.112388	0.085675	0.067254
0.066936	0.025711	0.056286	0.118454	0.097742	0.087448	0.152493	0.106093	0.035524	0.080625
0.072011	0.0576	0.093773	0.15278	0.131305	0.114667	0.159458	0.091452	0.048271	0.098312
0.049812	0.092493	0.104344	0.125652	0.139871	0.131192	0.086407	0.065801	0.065499	0.060197
0.052499	0.09578	0.067873	0.094818	0.134113	0.073611	0.034173	0.054984	0.041331	0.00551
0.079877	0.115536	0.065842	0.117301	0.164115	0.040037	0.034224	0.062099	0.008774	-0.00978

0.075582	0.10103	0.054821	0.107713	0.110952	0.020232	0.033798	0.034468	0.005633	-0.00522
0.06302	0.064354	0.048214	0.078258	0.048142	-3.85E-04	0.025631	0.014633	-0.00649	0.005685
0.09335	0.078033	0.092096	0.111746	0.050816	0.001579	0.044791	0.01718	-0.00502	0.041428
0.094999	0.118244	0.112852	0.084212	0.032963	0.014227	0.020883	0.006154	0.018054	0.051117
0.041058	0.093168	0.094975	0.022156	0.01732	0.005695	-0.02493	-0.01106	0.008921	0.012144
0.050881	0.071234	0.050942	0.037739	0.046226	-0.01048	-0.03801	-0.00468	-0.0096	-0.01533
0.08306	0.077074	0.016842	-0.06065	0.009591	-0.00569	-0.02075	0.002481	-0.024	-0.01913
0.075378	0.067809	0.020139	-0.10149	-0.01254	-0.01369	-0.00443	-0.01348	-0.02938	-0.02455
0.07334	0.056576	0.023751	-0.01832	-0.01104	-0.01361	9.85E-04	-0.01838	-0.03475	-0.01901
0.084044	0.07218	0.042861	6.63E-04	-0.01171	-0.00175	0.003079	-0.00824	-0.03815	-0.00978
0.073617	0.084199	0.058586	0.001834	-0.00125	0.009377	0.001935	-0.02833	-0.04938	-0.03504
0.06953	0.079166	0.04295	0.002492	0.010665	0.001835	-0.01053	-0.02933	-0.039	-0.05931
0.095932	0.080863	0.003833	0.022089	0.006657	-0.02434	-0.02898	-0.02722	-0.05126	-0.0555
0.088002	0.068465	-0.0114	0.01013	-0.02225	-0.06454	-0.05251	-0.04214	-0.05995	-0.04609
0.07471	0.037876	-0.00968	-0.02917	-0.04817	-0.08339	-0.06763	-0.04737	-0.06558	-0.04396
0.104307	-0.01352	-0.01337	-0.01818	-0.03494	-0.05419	-0.03486	-0.04377	-0.0685	-0.02702
0.080271	-0.02017	-0.00842	-0.01584	-0.02057	-0.03585	-0.02398	-0.03223	-0.0538	-0.02092
-0.00143	-0.00617	0.003345	-0.04441	-0.04305	-0.02395	-0.04075	-0.03586	-0.03784	-0.0512
0.016879	0.012374	-0.00195	-0.02499	-0.03078	-0.01531	-0.02656	-0.01699	-0.03083	-0.08011
0.036789	0.028168	-0.00963	-0.00164	0.002476	-0.00388	0.002967	0.023664	-0.01237	-0.04732
0.016814	0.009595	-0.01487	-0.01529	-0.01604	-0.01046	-2.95E-04	0.015122	-0.01761	-0.03582
0.004242	-0.02712	-0.03117	-0.03158	-0.0322	-0.02679	-0.00838	-0.02633	-0.06101	-0.05431
-0.00473	-0.05697	-0.04745	-0.01661	-0.00606	-0.00773	0.005854	-0.02357	-0.05853	-0.02281
0.001273	-0.05337	-0.04264	0.003377	0.013003	-0.00282	-0.00566	-0.02824	-0.05607	-0.01623
0.016846	-0.0204	-0.00464	0.003651	0.004385	0.006697	-0.0313	-0.0482	-0.04448	-0.06139
0.015793	-0.00998	-0.00179	0.001192	-0.00271	-0.00297	-0.02415	-0.02842	-0.04397	-0.07804
-9.37E-06	-0.00293	-0.01473	-0.01057	-0.01285	-0.01839	-0.01376	-0.01666	-0.06284	-0.13373
-0.00157	-0.00377	-0.03766	-0.03441	-0.02	-0.02701	-0.0189	-0.02064	-0.05759	-0.12368
0.028058	-3.73E-04	-0.03747	-0.02316	-0.02064	-0.05428	-0.01551	-0.00257	-0.03215	-0.02969
0.017285	-0.00298	-0.01423	-0.01487	-0.0318	-0.05415	-0.01619	-0.00869	-0.02425	-0.01437
-0.00635	-0.02012	-0.00193	-0.02939	-0.05092	-0.02599	-0.04481	-0.05086	-0.03066	-0.03206
0.003344	-0.0032	-0.01133	-0.04179	-0.04606	-0.03263	-0.06824	-0.06051	-0.03725	-0.04128
0.020006	0.018272	-0.01157	-0.04227	-0.00819	-0.02055	-0.04431	-0.02549	-0.03933	-0.0447
0.004636	0.011879	0.003021	-0.02788	0.003999	0.002941	-0.0237	-0.02516	-0.06048	-0.07426
-0.01059	-0.01458	-0.02182	-0.01558	-0.02956	-0.02204	-0.03915	-0.05065	-0.05559	-0.06425
0.009939	-0.0351	-0.04888	-0.00114	-0.03548	-0.0511	-0.0447	-0.04545	-0.05565	-0.03734
-0.00245	-0.05255	-0.04908	-0.00957	-0.03846	-0.06144	-0.02999	-0.02756	-0.06062	-0.02221
-0.03025	-0.04609	-0.04043	-0.04903	-0.05338	-0.02485	-0.01387	-0.04386	-0.04345	-0.03163
-0.01202	-0.00285	-0.0241	-0.04348	-0.01803	2.85E-04	-0.02727	-0.03797	-0.03932	-0.05157
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0.012133	-0.03098	-0.05494	-0.0198	-0.02416	-0.05579	-0.03445	-0.03037	-0.0206	-0.02609
-9.29E-04	-0.04071	-0.04979	-0.01247	-0.01067	-0.03689	-0.01576	-0.04273	-0.01994	-0.0326
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0.001633	-0.01822	-0.04118	-0.00959	-0.03646	-0.03708	-0.02106	-0.04066	-0.06262	-0.02618
0.010963	-0.00907	-0.01306	-0.01975	-0.04161	-0.0504	-0.03727	-0.04096	-0.06782	-0.04301
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-0.02166	-0.01112	-0.0149	-0.03966	0.004996	0.012746	-3.74E-04	-0.00163	-0.00632	-0.02713
-0.01102	-0.02249	-0.01708	-0.0171	0.008713	0.003294	-0.00477	-0.00262	-0.00791	0.003248
0.021464	-0.02486	-0.03567	-0.02729	-0.02327	-0.04605	-0.01301	0.001043	-0.04699	1.34E-04
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0.01761	-0.01479	0.013969	0.011392	-0.0267	-0.02256	0.001983	-0.00974	-0.02714	-0.01992
0.025866	-0.01538	-0.00237	0.014058	-0.01382	-0.02572	-0.02598	-0.01894	-0.01452	0.001232
0.006788	-0.02121	-0.02293	-0.01523	-0.02204	-0.03849	-0.03442	-0.02803	-0.01525	-0.00729
0.034636	0.014475	-0.00731	-0.03769	-0.02627	-0.03524	-0.01433	-0.01342	-0.02705	-0.04647
0.086666	0.026597	0.012423	-0.03121	-0.03062	-0.02682	-0.00435	-0.0119	-0.06359	-0.07794
0.094494	0.0202	-0.01418	-0.01448	-0.02555	-0.03684	-0.0213	-0.00455	-0.06089	-0.06162
0.061345	0.016336	-0.0147	0.008204	-0.02409	-0.02033	-0.00422	0.008427	-0.03221	-0.03538
0.035991	-0.00127	0.019666	0.034508	-0.01962	-0.00544	0.00741	0.008394	-0.00965	-0.01012
0.025584	0.001087	0.025405	0.052329	0.011253	0.005097	0.009777	0.002418	-0.01123	-0.01952
0.009125	0.005564	0.008477	0.002299	0.010225	0.006244	0.00786	-0.03528	-0.02647	-0.01979
0.047594	0.046821	0.031204	-0.00827	0.017469	0.021755	0.010553	-0.02595	-0.00833	0.015605
0.071735	0.060355	0.023904	-0.00197	0.01435	0.02622	0.025397	0.0229	-3.75E-04	0.008519
0.055026	0.061444	0.004517	-0.01048	0.017585	0.012861	0.015074	0.037787	-0.00164	0.002775
0.075843	0.083693	0.025286	0.043955	0.038057	0.012418	0.005822	0.015122	0.002304	0.012596
0.114307	0.07235	0.053798	0.074484	0.041177	0.021168	0.025313	0.025797	0.009134	0.005907
0.108857	0.071631	0.047872	0.036416	0.023674	0.007248	0.004752	0.038422	0.019006	0.01844
0.080102	0.067041	0.020984	0.004749	-0.00758	-0.02943	-0.05673	2.24E-04	0.024545	0.034488
0.081155	0.07046	0.064886	0.0461	0.026574	0.004952	-0.03022	-0.00143	0.031374	0.023487
0.087276	0.074668	0.05726	0.049526	0.02011	0.007784	0.001333	0.007369	0.0238	-0.00126
0.069952	0.079841	0.034857	0.006919	-0.00405	-0.01401	-0.00958	0.01395	0.013654	0.007849
0.057353	0.074135	0.038277	-1.04E-04	0.004304	-0.02578	0.006383	0.002671	-0.01494	0.035252
0.067593	0.062387	0.045896	0.062859	0.048818	-0.0115	0.032434	0.024746	-0.00493	0.046873
0.049427	0.067378	0.077362	0.117762	0.082183	0.003069	0.009293	0.046721	0.032563	0.028994
0.025683	0.02595	0.060491	0.08365	0.024633	-0.00682	3.68E-04	0.012198	0.014133	-0.0147
0.053239	0.027331	0.078597	0.080503	-0.00547	0.042825	0.057239	0.017672	0.017137	-0.00165
0.071551	0.087992	0.130776	0.116276	0.053219	0.097649	0.10302	0.081408	0.033825	0.046385
0.021316	0.069085	0.086551	0.10022	0.134893	0.109364	0.059804	0.086795	0.042972	0.042325
-0.00135	0.033904	0.031048	0.076234	0.133074	0.087195	0.02548	0.058644	0.055688	0.048149
0.040235	0.045501	0.054784	0.134646	0.143553	0.10168	0.068813	0.079948	0.034986	0.04086
0.067921	0.063073	0.086709	0.141145	0.160623	0.122228	0.114952	0.100483	0.049113	0.022017
0.042795	0.033194	0.054601	0.084134	0.122737	0.118902	0.123933	0.11392	0.078634	0.048587
0.041092	0.001667	0.05265	0.06562	0.063446	0.121004	0.145043	0.123687	0.118412	0.111981
0.087907	0.038366	0.092455	0.080541	0.062802	0.135157	0.140982	0.142482	0.143472	0.132932
0.070686	0.06691	0.072763	0.069298	0.073787	0.117625	0.08714	0.148068	0.150705	0.118846
0.03105	0.064689	0.037344	0.046615	0.067553	0.063991	0.044511	0.128675	0.140807	0.100616

0.061452	0.082101	0.061344	0.083572	0.1003	0.079143	0.086542	0.176704	0.166271	0.102754
0.072011	0.08123	0.085647	0.099697	0.109455	0.099469	0.096168	0.142525	0.155351	0.115297
0.075174	0.078378	0.082185	0.058393	0.060802	0.045916	0.055387	0.072426	0.089003	0.113605
0.089381	0.065472	0.072858	0.063303	0.052806	0.046714	0.096168	0.096121	0.09456	0.167363
0.099923	0.055846	0.071431	0.096851	0.074579	0.080331	0.138282	0.126058	0.139194	0.195817
0.088653	0.064577	0.081232	0.095216	0.074768	0.079583	0.120585	0.108067	0.156566	0.176415
0.057638	0.076768	0.090842	0.077856	0.090784	0.101156	0.10292	0.11345	0.166999	0.123983
0.071901	0.088956	0.084568	0.076958	0.095774	0.106951	0.122234	0.198572	0.192397	0.108206
0.053204	0.093785	0.093633	0.090939	0.073146	0.097509	0.134413	0.19037	0.167117	0.125696
0.056126	0.079205	0.08549	0.077283	0.072713	0.075979	0.091523	0.114104	0.097516	0.128761
0.101991	0.076156	0.071564	0.083108	0.077099	0.070674	0.108255	0.109665	0.064198	0.14738
0.100001	0.09644	0.109395	0.107488	0.097463	0.123222	0.132545	0.088374	0.070894	0.142917
0.057442	0.070008	0.12153	0.117301	0.111363	0.14629	0.115611	0.085279	0.098982	0.116566
0.017366	0.030536	0.109375	0.104021	0.087133	0.099569	0.078125	0.104889	0.106404	0.090274
0.024162	0.061814	0.100385	0.098673	0.105563	0.094347	0.075581	0.143904	0.126135	0.096919
0.0657	0.072312	0.094514	0.097811	0.110624	0.091385	0.102739	0.158507	0.130242	0.105003
0.107655	0.071612	0.084099	0.077149	0.066698	0.04714	0.071597	0.119957	0.075384	0.084128
0.1422	0.12063	0.086807	0.098532	0.113321	0.087429	0.105791	0.143707	0.09311	0.126974
0.166132	0.15894	0.130624	0.106445	0.154517	0.157692	0.144955	0.182152	0.177906	0.187151
0.146772	0.135095	0.144048	0.083689	0.100621	0.109159	0.107102	0.14509	0.162088	0.172692
0.11845	0.084218	0.114737	0.101208	0.075071	0.080484	0.09842	0.113429	0.116712	0.116627
0.094824	0.117445	0.145939	0.127685	0.113527	0.119154	0.079166	0.094826	0.109689	0.091761
0.106257	0.146472	0.179265	0.169975	0.144217	0.124876	0.066488	0.078852	0.092495	0.093642
0.107555	0.09899	0.096966	0.114921	0.08201	0.081079	0.066966	0.09801	0.079806	0.072312
0.095115	0.103628	0.045019	0.052437	0.059907	0.064176	0.089132	0.124378	0.123191	0.107203
0.108356	0.114742	0.08129	0.083747	0.104448	0.1184	0.155984	0.129395	0.134804	0.149011
0.138404	0.089133	0.105473	0.133797	0.119247	0.145175	0.196583	0.1331	0.099907	0.148812
0.098902	0.071272	0.095818	0.139555	0.112784	0.15252	0.174156	0.119812	0.117425	0.145471
0.038475	0.07585	0.130973	0.128371	0.1172	0.153313	0.153099	0.143028	0.140918	0.144968
0.06219	0.079552	0.138004	0.108041	0.138599	0.126623	0.148696	0.171253	0.114497	0.108387
0.110384	0.089093	0.078384	0.071101	0.130746	0.129922	0.09334	0.141042	0.109978	0.08567
0.096926	0.114158	0.079409	0.085397	0.133615	0.140302	0.110022	0.164534	0.166599	0.158225
0.105142	0.122497	0.122084	0.10514	0.121136	0.116582	0.162133	0.201365	0.190035	0.206622
0.123462	0.107021	0.115178	0.116297	0.093696	0.060715	0.142427	0.146014	0.137279	0.174046
0.133175	0.085134	0.110496	0.123034	0.092159	0.078111	0.119752	0.092541	0.11327	0.162736
0.10964	0.060816	0.123453	0.111787	0.086064	0.115041	0.116766	0.084398	0.100049	0.131679
0.079502	0.057966	0.10377	0.112532	0.081722	0.080926	0.067187	0.062844	0.089573	0.070392
0.06814	0.050805	0.075267	0.078755	0.059961	0.08131	0.049578	0.038233	0.093646	0.05946
0.094999	0.074211	0.116821	0.091353	0.090098	0.1256	0.075412	0.07224	0.130134	0.104146
0.130426	0.119045	0.135442	0.113735	0.133269	0.112059	0.082304	0.11194	0.13048	0.110281
0.112928	0.115411	0.092355	0.104509	0.115869	0.041841	0.049048	0.108451	0.076185	0.056953
0.089842	0.084394	0.060584	0.123693	0.108372	0.039128	0.087758	0.121016	0.063252	0.063195
0.117099	0.09598	0.100405	0.148574	0.128238	0.084688	0.10344	0.095532	0.069933	0.090737
0.082304	0.066835	0.066011	0.087445	0.094585	0.071971	0.050057	0.059329	0.060501	0.071111
0.030329	0.011303	0.01547	0.033143	0.026134	0.054507	0.026587	0.045758	0.054579	0.079363
0.04775	0.018155	0.058993	0.06017	0.017419	0.074708	0.058646	0.080971	0.095018	0.106321
0.093466	0.078647	0.084275	0.084795	0.037432	0.040054	0.073406	0.104649	0.09307	0.107784

0.07655	0.07934	0.039334	0.046438	0.037328	-0.0082	0.026503	0.092931	0.078116	0.087736
0.041883	0.0299	0.004028	0.054643	0.053759	0.003214	0.054885	0.077571	0.06967	0.085728
0.057033	0.037159	0.013154	0.078392	0.059669	0.04383	0.068147	0.05604	0.038471	0.049165
0.037486	0.029814	0.013071	0.037808	0.045766	0.042087	0.029112	0.032208	0.026804	0.031076
0.012294	-0.02643	-0.0108	7.67E-06	0.00424	-0.00696	0.015892	0.017442	0.023411	0.039057
0.02638	-0.06414	-0.01292	0.012312	-0.01084	-0.00957	0.052366	0.013252	0.041102	0.077486
0.049164	-0.00925	0.030581	0.023994	0.019012	0.024259	0.054778	0.046388	0.052731	0.051787
0.028325	0.04072	0.068401	-0.00305	0.011547	0.010389	-0.00728	0.032123	-0.00347	-0.03259
0.005442	0.038086	0.054455	-0.0128	-0.02182	-0.0359	-0.02117	0.021046	-0.02654	-0.03196
0.012727	0.024607	0.034106	0.006513	0.00262	-0.04482	0.0044	0.047791	-7.59E-04	-0.00672
0.019418	0.007093	0.028476	0.01131	-2.35E-04	-0.01984	0.013214	0.041304	-5.03E-04	0.015638
0.007232	-0.03398	-0.00275	0.004991	-0.01415	-0.03123	2.02E-05	-0.00681	-0.0406	0.025608
0.013274	-0.0452	-0.0259	0.00116	6.68E-05	-8.23E-05	0.035268	-0.00863	-0.02756	0.023586
0.003612	-0.04326	-0.02999	-0.0072	0.012005	0.011566	0.027797	0.00283	0.009134	-0.00467
-0.08291	-0.03826	-0.01619	-0.02762	-0.01042	-0.00548	-0.00588	-0.01643	0.004159	-0.0228
-0.10488	-0.0324	-0.00291	-0.03382	-0.03062	-0.00555	-0.02123	-0.0067	0.00651	-0.01145
-0.05315	-0.0224	-0.01635	-0.0159	-0.01279	-0.01598	-0.01735	0.010195	-0.00483	-0.03012
-0.03467	-0.03532	-0.0411	-0.02932	-0.00584	-0.01052	-0.00931	-0.01951	-0.02258	-0.06473
-0.04716	-0.06188	-0.05299	-0.05016	-0.04264	-0.06186	-0.03987	-0.05025	-0.0439	-0.07322
-0.02409	-0.05643	-0.04806	-0.02231	-0.0389	-0.07207	-0.02478	-0.04792	-0.04986	-0.02841
0.019353	-0.02998	-0.03459	-0.01068	-0.01489	-0.03266	7.31E-04	-0.0255	-0.0192	-0.01467
0.026512	-0.0174	-0.02059	-0.03912	-0.04171	-0.00765	-0.00839	-0.02622	-0.02622	-0.04489
-0.00484	-0.0217	-0.02251	-0.05208	-0.03429	-0.00118	-0.01494	-0.00878	-0.02616	-0.06091
-0.05012	-0.00164	0.003947	-0.0358	0.005157	0.001787	0.006591	0.031801	0.019073	-0.0376
-0.05848	0.004687	0.02882	-0.02107	-0.00228	0.001115	-0.0019	0.010115	0.031116	-0.02119
-0.04411	-0.0256	-0.0156	-0.01516	-0.00361	-0.03237	-0.03451	-0.01333	-0.01117	-0.02582
-0.02194	-0.04246	-0.05315	-0.00716	-0.00936	-0.05069	-0.03556	0.001296	-0.03045	-0.01117
0.006566	-0.03116	-0.04088	-0.03155	-0.0459	-0.06225	-0.03341	0.009809	-0.02479	-0.01699
-0.01533	-0.02792	-0.02565	-0.03379	-0.05701	-0.05028	-0.0296	-0.03307	-0.03162	-0.02424
-0.04853	-0.04051	-0.01499	-0.0358	-0.0399	-0.03205	-0.03425	-0.0433	-0.013	-0.03033
-0.03787	-0.02587	-0.0419	-0.051	-0.03935	-0.0386	-0.04118	-0.02103	-0.00286	-0.03305
-0.0163	-0.03202	-0.0677	-0.03883	-0.03722	-0.05904	-0.0516	-0.02756	-0.02488	-0.03139
-0.03536	-0.04304	-0.03142	-0.01295	-0.0188	-0.04644	-0.06258	-0.03056	-0.04856	-0.06537
-0.01729	-0.01461	-0.00932	-0.00235	0.00498	-0.01818	-0.03892	-0.0036	-0.03905	-0.05785
0.012824	-0.02446	-0.02118	-0.00634	0.01078	-0.02392	-0.0136	0.004815	-0.02909	-0.03606
-0.00335	-0.0756	-0.0477	-0.01641	-0.02473	-0.04387	-0.02498	-0.02851	-0.05673	-0.02979
-0.03563	-0.09098	-0.05754	-0.03513	-0.06376	-0.02638	-0.03666	-0.03647	-0.03685	-0.01959
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-0.02627	-0.05554	-0.02797	-0.03738	-0.06324	-0.02776	-0.02784	-0.05334	-0.04848	-0.02662
-0.04744	-0.03851	-0.035	-0.03806	-0.04399	-0.03016	-0.04383	-0.03901	-0.05637	-0.03222
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-0.02832	0.011385	0.04434	0.050943	5.60E-04	-0.015	-0.05436	-0.0767	-0.022	-0.01158
0.015032	0.025592	0.029372	0.062121	0.025122	-0.02198	-0.02279	-0.01106	-0.02677	-0.02806
0.039739	0.002876	0.010569	0.057663	0.032689	-0.02133	0.021812	0.023996	-0.01667	-0.02455
0.09463	0.020452	0.058605	0.118622	0.085638	0.029483	0.077728	0.018033	0.020951	0.032829
0.101123	0.061758	0.074386	0.123841	0.118619	0.065638	0.056591	0.025914	0.042019	0.062923
0.073969	0.01859	0.063802	0.095375	0.089179	0.077405	0.043759	0.034946	0.050136	0.064392
0.083968	-0.00496	0.113982	0.11565	0.073938	0.091523	0.059623	0.055306	0.086358	0.091394
0.138662	0.086463	0.172114	0.14254	0.116326	0.08432	0.065385	0.079211	0.11219	0.088849
0.154747	0.155279	0.151525	0.142829	0.166676	0.104997	0.100485	0.116938	0.099928	0.079476
0.156848	0.149471	0.134188	0.151034	0.158533	0.117145	0.152067	0.164121	0.078768	0.111737
0.177494	0.147012	0.114947	0.111891	0.12242	0.115374	0.139717	0.15794	0.105587	0.112772
0.152413	0.139672	0.083825	0.067539	0.079443	0.11361	0.118505	0.128463	0.072783	0.094265
0.123359	0.086248	0.081679	0.071704	0.082356	0.113693	0.152808	0.110659	0.038541	0.147116
0.143675	0.066442	0.110579	0.116883	0.133831	0.145063	0.153077	0.130159	0.127786	0.228118
0.159297	0.117277	0.156073	0.15253	0.143796	0.158817	0.124059	0.12465	0.153591	0.171365
0.125521	0.141201	0.14524	0.147787	0.144883	0.154768	0.096621	0.166585	0.167281	0.105621
0.130637	0.155416	0.139557	0.175136	0.185138	0.153835	0.125131	0.232457	0.211147	0.127331
0.149231	0.16855	0.157646	0.153667	0.16113	0.159991	0.176876	0.177224	0.202564	0.16642
0.142546	0.117697	0.14183	0.128973	0.11564	0.130094	0.16441	0.142198	0.140674	0.146414
0.155372	0.094861	0.088662	0.145033	0.113114	0.135615	0.193737	0.171767	0.131476	0.151668
0.118491	0.100767	0.093813	0.144632	0.120841	0.167124	0.1816	0.138631	0.098098	0.121055
0.07806	0.102469	0.120337	0.117615	0.119666	0.135353	0.132267	0.098721	0.0689	0.099985
0.076717	0.098407	0.115241	0.090289	0.132404	0.114397	0.104805	0.128061	0.099404	0.118887
0.094397	0.105975	0.117877	0.044857	0.121978	0.137252	0.114993	0.157646	0.131302	0.137401
0.117058	0.098125	0.115893	0.023875	0.093143	0.117396	0.105932	0.13783	0.130588	0.108468
0.12394	0.104565	0.135486	0.106139	0.127981	0.119217	0.114007	0.144848	0.111528	0.09961
0.137268	0.12254	0.151776	0.162964	0.162308	0.123603	0.150971	0.125112	0.127786	0.152958
0.15279	0.140004	0.171612	0.15083	0.136851	0.100091	0.152202	0.09465	0.154459	0.174866
0.132794	0.132107	0.175241	0.132927	0.10723	0.1269	0.145418	0.108471	0.172918	0.164402
0.121579	0.116269	0.137937	0.112387	0.110973	0.169944	0.145021	0.168252	0.208733	0.153515
0.161126	0.118392	0.123796	0.136458	0.138796	0.200087	0.149832	0.165317	0.184368	0.166742
0.197396	0.129161	0.118236	0.161015	0.151215	0.191603	0.140284	0.15422	0.148604	0.151779
0.116588	0.139186	0.124826	0.114026	0.186358	0.174781	0.125405	0.193087	0.156359	0.15149
0.108797	0.174045	0.164067	0.122674	0.213455	0.158495	0.138065	0.207134	0.147658	0.138628
0.155193	0.15158	0.165693	0.149453	0.171136	0.158174	0.175478	0.206602	0.158706	0.1489
0.168749	0.123498	0.174517	0.188102	0.161776	0.172831	0.189027	0.159574	0.204149	0.183933
0.151217	0.154592	0.219111	0.221972	0.182321	0.211586	0.211614	0.164075	0.214913	0.227747
0.129647	0.162306	0.210127	0.222532	0.20921	0.214137	0.231709	0.197107	0.157462	0.211948
0.156266	0.137972	0.139601	0.160714	0.171655	0.150215	0.165148	0.166193	0.117089	0.158789
0.12782	0.134046	0.101239	0.072402	0.150337	0.144596	0.119981	0.191078	0.14423	0.158947
0.088194	0.12099	0.103443	0.057827	0.14973	0.154836	0.122507	0.163226	0.151976	0.176979
0.070301	0.075545	0.115199	0.090092	0.114375	0.130288	0.159823	0.15339	0.131758	0.170321
0.109318	0.078205	0.168678	0.151577	0.111507	0.148439	0.192555	0.141608	0.142271	0.17625
0.167071	0.105648	0.231433	0.20073	0.131413	0.217807	0.194577	0.114145	0.125899	0.186332
0.195947	0.149991	0.18451	0.222238	0.188711	0.189181	0.184319	0.101595	0.102332	0.14716
0.166888	0.142892	0.118872	0.170259	0.137484	0.151795	0.147719	0.111126	0.128216	0.11589
0.123794	0.166239	0.158319	0.125097	0.122906	0.170322	0.111958	0.101098	0.105975	0.144705

0.068487	0.157394	0.16982	0.133166	0.165068	0.164298	0.123806	0.110821	0.132387	0.150138
0.077239	0.118834	0.090842	0.103392	0.114541	0.124218	0.135059	0.139195	0.13452	0.157527
0.124147	0.073355	0.051741	0.102663	0.056813	0.119364	0.156211	0.118218	0.121938	0.177922
0.113495	0.052069	0.099127	0.125545	0.077784	0.107665	0.156301	0.129756	0.110845	0.155774
0.134535	0.103465	0.112121	0.13219	0.127746	0.074538	0.129194	0.124294	0.098037	0.138434
0.13834	0.092831	0.114401	0.093944	0.09848	0.085328	0.132974	0.133036	0.152066	0.1234
0.124044	0.072729	0.118004	0.091826	0.082568	0.068522	0.105408	0.103149	0.122532	0.100636
0.135494	0.078455	0.08447	0.082141	0.095278	0.055991	0.090297	0.078701	0.087238	0.100873
0.10397	0.039945	0.045198	0.063413	0.107107	0.068821	0.100147	0.082891	0.064588	0.084679
0.086114	0.022423	0.050906	0.086488	0.086433	0.05821	0.084044	0.046598	0.06442	0.09898
0.114713	0.061888	0.079235	0.105262	0.073711	0.040019	0.086118	0.049428	0.058408	0.080342
0.089707	0.100585	0.081524	0.085767	0.059067	0.059177	0.08797	0.061427	0.045685	0.022776
0.052992	0.048414	0.078133	0.02679	0.021931	0.088893	0.067519	0.034298	0.053202	0.03634
0.067939	0.050967	0.090703	0.010196	0.03014	0.088737	0.070072	0.038457	0.024257	0.056917
0.076885	0.076137	0.063335	0.04353	0.050458	0.020399	0.037259	0.051869	0.018288	0.066559
0.053098	0.045341	-0.0126	0.015017	0.057285	-0.00723	0.033798	0.064247	0.016106	0.091819
0.055043	0.006686	-0.02424	0.069073	0.074674	-0.00781	0.058194	0.053522	0.043255	0.098194
0.077071	0.038383	0.037591	0.095714	0.080456	0.024614	0.049702	0.052331	0.046646	0.056739
0.062641	0.069123	0.037661	0.036468	0.034098	0.002059	0.01232	0.042205	0.016754	0.042222
0.024047	5.89E-04	9.96E-04	0.038611	-0.00141	3.96E-04	0.046967	0.009471	0.018856	0.032525
0.034434	-0.02557	0.029199	0.047417	-0.02299	0.019714	0.045842	0.008106	0.031908	0.002727
0.023832	-0.02266	0.017832	0.019758	-0.02526	0.017601	-0.00121	0.003702	0.054652	0.022034
0.004321	-4.05E-04	-0.01364	-0.00661	0.010519	0.017501	0.003254	0.035748	0.034951	0.029463
0.021447	-0.00299	-0.05942	-0.00438	0.034959	-0.00926	0.003986	0.033362	0.016039	0.031884
0.031436	-8.47E-05	-0.04566	1.36E-04	0.016047	-0.03114	-0.02273	0.027504	-0.02008	0.038098
0.018	0.014359	-0.01718	-0.01767	-0.04969	-0.07053	-0.00583	0.039955	-0.01001	0.05154
0.021825	0.020872	0.010933	-0.00585	-0.03848	-0.06017	0.033047	0.02588	0.026582	0.058312
0.003423	-0.01385	0.001934	0.030152	0.024818	0.006519	0.035542	0.028595	0.02468	0.019176
0.010291	-0.00199	0.030927	0.004474	0.01279	0.023266	0.019081	0.015366	0.007388	-0.01327
0.005885	0.00519	0.027187	-0.02253	0.001342	0.026677	0.008358	0.030246	0.020078	-0.0062
-0.0131	0.007142	9.96E-04	-0.01898	0.032569	-0.01715	0.00165	0.053967	0.044052	0.024447
-0.00262	0.027262	0.021983	-0.00378	0.012479	-0.02467	-0.00488	0.005022	0.001227	7.46E-04
-1.34E-04	0.005807	0.025081	-0.01529	0.00593	-0.00942	-0.00564	0.027185	0.013026	0.029899
0.018228	0.010317	-4.51E-06	0.023015	0.014383	-0.02556	0.030025	0.05452	4.41E-04	0.025475
0.052622	0.013035	-0.00655	0.048845	0.008129	-0.02796	0.040454	0.026834	-0.04472	0.010232
0.025915	-0.01484	0.001222	0.032402	0.023456	0.009508	0.018652	0.011891	0.003965	0.047624
-0.02083	-0.04534	0.007278	0.012164	0.024313	0.031639	0.006143	-0.00341	0.03079	0.031463
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0.033421	0.045947	0.019919	0.020076	0.08038	0.018215	0.016548	0.059492	0.071554	0.009255
0.022992	0.016469	0.043876	0.03586	0.049174	-0.0209	-0.00349	0.043943	0.041648	0.024099
-0.00276	0.018054	0.012108	0.030889	0.052914	0.012894	0.012808	0.044535	-0.00937	0.025857
0.059801	0.04072	-0.00282	0.024365	0.023758	0.06813	0.072491	0.03961	0.00651	0.024331
0.101084	0.054044	0.060973	0.025313	0.004465	0.089696	0.090297	0.030685	0.050334	0.047991
0.08172	0.054371	0.075037	0.0273	0.034253	0.076701	0.082342	0.068889	0.09119	0.025824
0.037129	0.077783	0.069289	0.034369	0.097105	0.083469	0.07102	0.073227	0.101058	0.043778
0.024707	0.083557	0.075708	0.092914	0.088808	0.049653	0.065844	0.044954	0.06266	0.023801
0.0311	0.052992	0.074099	0.06273	0.03641	-0.00779	0.039259	0.05805	0.030807	0.007609

0.033269	0.06337	0.073469	0.048989	0.040565	0.028155	0.060022	0.110963	0.063289	0.068004
0.078809	0.07857	0.055553	0.069579	0.073674	0.093575	0.119211	0.10525	0.105852	0.115012
0.11384	0.051906	0.041528	0.051357	0.078336	0.094902	0.10312	0.040958	0.085246	0.105362
0.115344	0.032779	0.041511	0.055714	0.062067	0.088209	0.125511	0.080118	0.127786	0.069987
0.063724	0.053517	0.085725	0.076367	0.084284	0.107604	0.09963	0.109381	0.155671	0.061711
0.066772	0.101739	0.151548	0.13033	0.115619	0.124515	0.120064	0.108936	0.103794	0.10115
0.107135	0.086463	0.115515	0.102177	0.083704	0.076682	0.094438	0.106636	0.0689	0.081266
0.068231	0.08123	0.098076	0.077034	0.120631	0.063492	0.042573	0.126226	0.105587	0.127646
0.097649	0.115411	0.11258	0.099456	0.148295	0.098008	0.083565	0.101854	0.091684	0.183766
0.159229	0.100019	0.114485	0.158245	0.104185	0.083913	0.100863	0.041962	0.037335	0.116402
0.156333	0.106037	0.142882	0.159028	0.079023	0.112245	0.112204	0.055521	0.098982	0.074111
0.11309	0.150672	0.212251	0.143518	0.102208	0.197115	0.174651	0.122162	0.17996	0.157392
0.148373	0.18764	0.214781	0.161292	0.146552	0.201657	0.21895	0.168692	0.144565	0.154409
0.184791	0.181995	0.18572	0.177751	0.149303	0.103133	0.130173	0.121287	0.103712	0.079513
0.17078	0.215069	0.178511	0.16308	0.15117	0.080216	0.07654	0.122871	0.110205	0.079513
0.184481	0.195265	0.126333	0.127084	0.150224	0.138939	0.153549	0.139542	0.082314	0.168932
0.202991	0.139098	0.160226	0.116464	0.118034	0.156548	0.171828	0.075356	0.059894	0.178985
0.179614	0.142068	0.207546	0.121087	0.088671	0.1329	0.144118	0.083272	0.132821	0.160395
0.141723	0.154454	0.212409	0.115337	0.129672	0.154609	0.176781	0.129331	0.159653	0.153359
0.183146	0.124095	0.195167	0.184322	0.190606	0.192397	0.184536	0.141478	0.138202	0.15149
0.226697	0.158362	0.199611	0.181692	0.188121	0.129814	0.103721	0.156878	0.146557	0.099472
0.219339	0.221671	0.189569	0.202714	0.221726	0.161445	0.15882	0.192424	0.174902	0.100972
0.208179	0.146382	0.202634	0.195258	0.174452	0.219496	0.223205	0.12878	0.136401	0.13223
0.207071	0.14526	0.182665	0.138652	0.113156	0.161283	0.169116	0.099413	0.105056	0.164471
0.160334	0.194286	0.185744	0.114837	0.160969	0.180687	0.111102	0.108006	0.130415	0.11934
0.149671	0.145104	0.186041	0.165413	0.171396	0.164811	0.122172	0.125049	0.123382	0.150027
0.194137	0.143226	0.163362	0.13271	0.113176	0.12609	0.112551	0.122746	0.135525	0.101249
0.208885	0.192309	0.144768	0.106956	0.145839	0.099008	0.08019	0.136298	0.143583	0.077262
0.160854	0.155416	0.148088	0.131757	0.120274	0.083681	0.068702	0.113062	0.145929	0.135599
0.125375	0.092751	0.140714	0.122504	0.080552	0.060183	0.10692	0.106837	0.102413	0.130154
0.071882	0.102753	0.142613	0.095654	0.102691	0.109857	0.100505	0.063171	0.114685	0.123796
0.095076	0.168219	0.184534	0.141299	0.109517	0.154245	0.116353	0.089049	0.12912	0.125633
0.157296	0.129895	0.160623	0.153326	0.114686	0.108975	0.145065	0.129225	0.116084	0.113056
0.115609	0.143672	0.126074	0.103027	0.146151	0.083604	0.108925	0.148046	0.133518	0.088619
0.147671	0.134855	0.109852	0.089699	0.105401	0.1052	0.134499	0.13505	0.124895	0.118269
0.112139	0.087815	0.100101	0.070951	0.050655	0.060861	0.132738	0.096592	0.11976	0.155371
0.118902	0.112056	0.1365	0.074124	0.011857	0.05373	0.099928	0.034809	0.10357	0.111758
0.0964	0.120778	0.137229	0.050332	0.042947	0.08698	0.072846	0.067563	0.122999	0.069435
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0.034856	-0.02951	0.031377	0.019607	0.019394	0.011713	0.019065	0.033719	-0.00125	0.014875
0.010563	0.020015	-0.03962	-0.01989	0.042543	0.028887	0.004799	0.023083	-0.00444	-0.02064
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0.396877	0.38402	0.390224	0.430936	0.411061	0.410738	0.437184	0.427454	0.445865	0.461338
0.487127	0.471185	0.515096	0.516268	0.496603	0.514535	0.524414	0.512097	0.529115	0.551796
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-0.01726	-0.03932	-0.01385	-0.01765	-0.03772	-0.02478	-0.04415	-0.02934	-0.00249	1.77E-04
-0.01046	-0.03812	-0.04125	-0.0408	-0.03078	-0.03819	-0.05253	-0.00174	0.0085	-0.03061
0.005759	-0.02171	-0.02083	-6.18E-04	0.010189	-0.02655	-0.00172	0.013949	-0.00843	-0.01827
-0.0012	-0.01179	-0.00189	0.014947	0.010562	-0.01324	0.009634	0.007362	-0.03152	-0.01743
-0.02345	-0.01145	-0.0237	-0.03762	-0.03637	-0.03978	-0.0169	-0.00914	-0.04816	-0.03551
-0.01151	-0.00985	-0.00476	-0.02354	-0.02095	-0.02071	-0.00135	-0.00606	-0.01694	-0.01922
0.00406	0.020911	0.047291	0.018654	0.030973	0.037168	0.039533	0.022752	-0.00233	0.004646
-0.00986	0.035151	0.036805	0.008967	0.035115	0.052974	0.021993	0.01514	-0.01089	0.002021
-0.00662	0.006751	-0.0072	-0.00488	0.014825	0.025797	0.006139	0.013128	0.004142	-0.00471
-0.00737	-0.02868	-0.03791	0.008026	0.025557	0.014667	0.016693	0.011809	6.45E-04	0.004104
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-0.03792	-0.03197	-0.03739	-0.01524	-0.00425	0.007216	-0.00288	-0.02053	-0.00949	-0.00961
-0.00234	-0.01662	-0.0098	0.005516	-0.00498	0.004909	0.016121	-0.00362	0.012523	0.008963
0.034745	0.015601	0.020845	0.015855	0.005988	0.011594	0.033335	0.030221	0.060068	0.022432
-0.00228	0.027574	0.030226	-0.00531	0.007163	0.025531	0.032316	0.03699	0.051449	0.004268
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0.004108	0.02297	0.015848	0.043704	0.059644	0.011562	0.023536	0.004204	0.001609	0.022003
0.020508	0.012855	-0.01364	0.014413	0.023912	-0.02381	-0.05159	-0.01778	-0.03296	-0.00146
0.007771	-0.03387	-0.04925	-0.00382	-0.01784	-0.01085	-0.08898	-0.05287	-0.04833	-0.01824
0.00563	-0.00785	-0.02076	0.005469	-0.01553	-0.0011	-0.07517	-0.04196	-0.01189	-0.01162
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0.032484	0.011366	0.013435	0.018637	0.037166	0.027315	-0.00402	-0.01232	-0.02503	-0.0352
0.024765	0.021646	0.009129	0.003856	0.022523	0.011675	0.014327	0.016032	-0.00929	-0.02631
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0.014158	-0.01866	0.022606	0.024108	0.041524	0.017876	0.015484	-0.03263	-0.05116	-0.00725
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-0.01003	-0.01072	-0.00237	-0.01519	0.003375	-0.00494	-0.01379	-0.05176	-0.01728	-0.01195
0.010441	-0.02086	-0.00995	0.00623	0.019344	-0.00408	0.017561	-0.00721	-0.00707	0.003529
0.022924	-0.0442	0.002559	0.033365	0.014038	0.009296	0.017168	0.002814	-0.02662	0.012903
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-0.01308	0.004913	0.035529	0.010679	0.010692	0.033271	0.009683	0.01926	-0.0094	-0.00231
0.020774	0.028032	0.025037	0.011208	0.049787	0.049249	0.022291	0.0608	0.03942	0.003348
0.017544	0.019994	0.018323	0.003557	0.039157	0.039826	1.45E-04	0.032664	0.046747	0.030163
0.014469	0.016575	0.016075	0.009814	0.027293	-0.00178	0.0031	0.028971	0.032076	0.028282
0.057766	0.050571	0.047256	0.063919	0.051212	0.016864	0.051863	0.028364	0.028501	0.04137
0.080509	0.092624	0.083404	0.076903	0.087695	0.078662	0.055855	0.015039	0.063004	0.041263
0.046473	0.094895	0.104471	0.05561	0.077719	0.081132	0.029965	0.054462	0.091886	0.050491
0.053819	0.099593	0.090847	0.046846	0.08335	0.065254	0.018776	0.061771	0.061802	0.039797
0.067931	0.100214	0.095562	0.075692	0.097748	0.058289	0.025285	0.050123	0.043174	0.018235
0.070869	0.068342	0.095679	0.082541	0.076714	0.054732	0.023038	-5.71E-04	0.036813	0.012517
0.083379	0.048537	0.058879	0.08998	0.063079	0.050905	0.022855	-0.02337	0.013663	0.023169
0.082114	0.068995	0.071337	0.123174	0.08218	0.060664	0.045873	-0.01079	0.010909	0.054514
0.071859	0.087164	0.10104	0.091368	0.051855	0.053346	0.052839	0.019617	0.030165	0.055771
0.071205	0.094638	0.096285	0.027961	0.004014	0.030805	0.035175	0.032175	0.042131	0.026687
0.088207	0.108551	0.071153	0.041359	0.035287	0.040997	0.027526	0.056416	0.076001	0.030547
0.058327	0.09168	0.035886	0.05396	0.068355	0.062509	0.032096	0.055751	0.087061	0.025218
0.063671	0.077337	0.017996	0.043134	0.053592	0.054448	0.052804	0.045503	0.031559	-0.00265
0.086115	0.071689	0.049514	0.06314	0.045468	0.041912	0.075747	0.04374	-0.01142	0.013809
0.053765	0.041268	0.093499	0.073927	0.056003	0.047933	0.060517	0.049722	0.006934	0.037786
0.047038	0.046443	0.089287	0.044882	0.045838	0.046429	0.029611	0.036743	0.014839	0.020294
0.051386	0.042512	0.043918	0.011304	0.036424	0.019859	-0.00849	0.015628	0.020078	-0.0115
0.054915	0.056311	0.025967	0.0055	0.056996	0.026063	0.010085	0.042307	0.04199	-0.01966
0.061109	0.063803	0.053763	0.011481	0.04568	0.033203	0.028652	0.030395	0.016434	-0.00779
0.043205	0.044535	0.060207	0.048242	0.025456	-0.02775	0.015615	0.016251	-0.01931	-0.00379
0.037103	0.043144	0.055806	0.082559	0.052105	-0.01516	0.050039	0.036425	-0.02309	0.006345
0.018353	0.014513	0.041189	0.058624	0.080115	0.052071	0.050057	0.026531	0.010712	0.015307
0.019562	0.027354	0.055913	0.024009	0.039227	0.040377	-2.64E-04	-0.00135	0.042307	0.017319
0.053263	0.069517	0.05734	0.00236	0.00647	0.015837	-0.00713	0.016335	0.037371	0.013574
0.055059	0.055805	0.034527	0.020339	0.032355	0.035207	0.005374	0.042521	0.035437	-0.0051
0.038833	0.023658	0.017833	0.032252	0.01471	0.025864	-0.00818	0.019617	0.030612	0.00491
0.035759	-0.00881	-0.00307	0.021685	0.007906	-0.01196	-0.00125	0.010377	0.015104	0.018676
0.053156	-0.01033	4.70E-04	0.032285	0.043063	-0.00496	0.00106	-0.00747	-0.0252	6.50E-04
0.055635	0.011807	0.022375	0.016829	0.045786	0.023108	-0.01459	-0.02406	-0.04869	-0.03488
0.04151	0.032331	0.031874	0.003746	0.038949	0.050182	-0.00471	-0.01706	-0.03292	-0.0235

0.032467	0.01843	0.024143	0.013267	0.048827	0.041359	-0.00477	0.015275	-0.00427	-0.0137
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0.004412	0.004736	-0.01256	-0.00152	-0.01504	-0.004	0.001186	0.015561	0.031007	0.011931
0.048205	0.032211	0.02917	0.034532	0.00395	-0.00501	0.037554	0.013245	0.001947	0.007387
0.035191	0.065243	0.078593	0.088194	0.064383	0.025081	0.050587	0.025446	0.006234	0.021918
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0.001619	0.056311	0.024341	0.012124	0.004255	0.009648	-0.02132	-0.01224	0.003932	0.006874
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0.044642	0.030927	0.006229	-0.04371	-0.03222	-0.04369	-0.00855	-0.01955	-0.0201	-0.01441
0.015191	0.010126	0.011839	-0.00731	3.64E-04	0.002598	0.028803	-0.00981	-0.01555	-0.00449
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0.022373	0.051215	0.042534	0.013896	0.012647	-0.00532	-0.02404	0.017111	0.024328	-0.00483
0.00326	0.030842	0.046175	0.00999	0.008649	-0.0016	-0.00103	0.040076	0.027681	-0.00757
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0.009468	0.005348	0.015247	0.014494	0.013956	-0.00591	0.038121	6.30E-04	-0.01153	0.011195
0.001539	0.004543	0.027249	0.031477	0.038914	0.031496	0.037417	-0.00266	4.20E-04	0.0125
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0.009873	0.025629	0.002465	0.033821	0.046226	0.031159	0.023021	0.023728	0.00695	-0.00383
0.009209	0.024146	-0.0065	-2.27E-04	-0.00101	0.005751	0.017578	0.035279	0.026061	-0.01247
0.015388	0.019544	-0.02373	-0.02469	-0.02147	-5.32E-04	0.024484	0.023608	0.013431	-0.01427
0.021123	0.019245	-0.01053	0.004361	-0.00899	0.005243	0.026137	-0.00468	9.02E-04	0.016997
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0.002814	0.022048	-0.00589	0.025383	0.034599	-0.00309	-0.01852	0.027516	0.014441	0.004663
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0.037086	0.001802	0.005071	0.025018	-0.00997	2.52E-04	0.016235	0.005172	-4.93E-04	0.017895
0.032895	0.005444	0.036549	0.056624	0.037183	0.045678	0.037606	0.020722	0.006218	0.03994
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0.015536	0.028712	0.053197	0.039899	0.041978	0.018285	3.19E-04	0.025256	0.019692	-0.0064
0.044344	0.059566	0.046088	0.032757	0.079315	0.047145	0.032724	0.041824	0.011238	0.00343
0.027171	0.045788	0.02464	0.012204	0.053681	0.058199	0.038637	0.017195	0.018921	0.017166
0.015371	0.006848	0.001458	-0.02706	-0.02481	0.005115	0.018907	-0.00779	-0.02499	0.023822
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0.054232	0.040813	0.045584	0.002895	0.020956	0.039104	0.028988	0.039845	0.055874	0.064201
0.02001	0.029511	0.032852	0.004077	0.028968	0.026947	0.001549	0.019481	0.056676	0.009262
0.029455	0.045152	0.037231	0.03421	0.061523	0.020418	0.018086	0.042271	0.028655	-0.02645
0.056771	0.054197	0.03468	0.045907	0.069173	0.045469	0.051597	0.028052	0.005065	-3.45E-05
0.035828	0.020911	0.003269	0.014494	0.024717	0.031766	0.034782	-0.03775	-0.01557	0.002578
0.012247	0.011382	0.003758	0.026263	0.017954	0.003768	0.024651	-0.03177	-0.04081	-0.00299
0.005791	0.022836	0.037538	0.036824	0.046473	0.02633	0.022192	-0.01726	-0.03097	0.026548
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0.021107	0.025224	0.010281	0.011032	0.017954	0.022512	0.012072	5.98E-04	0.022603	0.004893

0.048293	0.053477	0.030394	0.05191	0.048136	0.028319	0.03213	0.039276	0.035245	0.012601
0.047586	0.074683	0.055485	0.05723	0.047357	0.050852	0.027292	0.038317	0.022806	0.019357
0.04568	0.034048	0.04501	0.026745	0.010806	0.028034	0.017561	0.007164	0.010532	0.021986
0.04934	0.014991	0.053781	0.043566	-0.00376	0.032746	0.063932	0.020279	0.005455	0.057738
0.035054	0.034893	0.059273	0.042789	0.012076	0.061803	0.07676	0.035121	0.015885	0.084208
0.03471	0.054161	0.051307	0.028829	0.040078	0.049197	0.033199	0.039311	0.037266	0.05744
0.053945	0.052308	0.036464	0.061714	0.055732	0.011369	0.031283	0.05494	0.045019	0.014852
0.025975	0.039504	0.037265	0.059915	0.054796	0.030535	0.059739	0.075707	0.053692	0.030739
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0.025891	0.011349	0.040141	0.058141	0.049431	0.036963	0.048716	0.044603	0.026742	0.055475
0.109211	0.07229	0.108352	0.118609	0.079581	0.060051	0.092347	0.082719	0.054545	0.112797
0.102497	0.108571	0.118022	0.126887	0.126762	0.095458	0.119424	0.132006	0.110168	0.099289
0.058654	0.081157	0.06823	0.077258	0.105221	0.095028	0.07341	0.11571	0.115823	0.072066
0.09636	0.067561	0.059291	0.090808	0.104958	0.096495	0.097913	0.123793	0.160202	0.139479
0.108437	0.083503	0.085553	0.116559	0.130601	0.120941	0.119942	0.155273	0.212138	0.215206
0.061164	0.056402	0.068652	0.099551	0.116127	0.137571	0.100128	0.129441	0.162736	0.198227
0.051654	0.04139	0.082835	0.084227	0.06791	0.147638	0.136652	0.1189	0.10819	0.20934
0.054663	0.050946	0.082722	0.061191	0.047498	0.130732	0.121168	0.167606	0.137798	0.237493
0.054843	0.069386	0.040708	0.046394	0.093439	0.083922	0.099831	0.202489	0.206507	0.189023
0.060307	0.092388	0.040175	0.077539	0.096102	0.072221	0.143806	0.20911	0.207694	0.154622
0.086521	0.092053	0.053799	0.124506	0.120647	0.121667	0.138013	0.166557	0.174217	0.169228
0.080489	0.063214	0.069092	0.114152	0.1446	0.151958	0.125665	0.149556	0.178426	0.169541
0.059035	0.056475	0.087043	0.12278	0.127612	0.134416	0.19066	0.151139	0.135646	0.17819
0.071074	0.102424	0.130739	0.171312	0.168079	0.16624	0.212057	0.130338	0.126243	0.1936
0.085593	0.127233	0.151516	0.110485	0.186713	0.174393	0.127921	0.098148	0.093156	0.121992
0.093363	0.10635	0.102881	0.080635	0.169412	0.143491	0.064498	0.097213	0.0998	0.074997
0.122832	0.120397	0.071374	0.148818	0.177714	0.107028	0.085259	0.138812	0.131657	0.086884
0.111131	0.097377	0.084715	0.136738	0.172586	0.113929	0.107062	0.136095	0.10573	0.091562
0.068673	0.049963	0.078087	0.119473	0.120187	0.098814	0.101577	0.113555	0.081515	0.120442
0.09737	0.072816	0.111295	0.183118	0.0963	0.101581	0.146224	0.105286	0.068318	0.149446
0.141238	0.138665	0.16637	0.175438	0.120647	0.140922	0.127182	0.097193	0.086729	0.100806
0.149231	0.168413	0.145215	0.083867	0.110691	0.124647	0.072144	0.080701	0.097427	0.054662
0.177792	0.158055	0.082381	0.070823	0.086939	0.080584	0.056177	0.091506	0.075486	0.061041
0.166834	0.097736	0.049075	0.082106	0.090499	0.071	0.04645	0.095896	0.067512	0.108366
0.113244	0.062791	0.045932	0.056499	0.06741	0.048986	0.010746	0.071038	0.079393	0.123395
0.094721	0.053837	0.056501	0.047648	0.030531	0.027833	0.038052	0.054664	0.054581	0.092831
0.101896	0.061432	0.093946	0.095713	0.069787	0.08815	0.119631	0.054554	0.052587	0.114489
0.085265	0.092723	0.119587	0.144521	0.132017	0.125295	0.129233	0.082189	0.102248	0.138941
0.058545	0.087981	0.108935	0.094681	0.112043	0.104705	0.073466	0.074916	0.11141	0.097411
0.102096	0.106309	0.095835	0.093632	0.109893	0.058325	0.074418	0.07428	0.075829	0.055475
0.112874	0.127126	0.123813	0.113867	0.133805	0.073186	0.107485	0.101723	0.104729	0.084425
0.0405	0.048128	0.090519	0.064082	0.08892	0.06899	0.078058	0.085655	0.097407	0.098941
0.020791	0.0085	0.049146	0.05866	0.031297	0.047898	0.065138	0.046748	0.061894	0.110251
0.062883	0.051322	0.066822	0.064771	0.052391	0.038452	0.062057	0.037733	0.081786	0.104746
0.063946	0.059767	0.039935	0.02761	0.05899	0.03943	0.054585	0.03347	0.090621	0.064031
0.048524	0.044393	0.01896	0.004093	0.017574	0.049865	0.063003	0.051619	0.088985	0.066813
0.051833	0.036828	0.007963	0.007437	0.018351	0.023803	0.080022	0.07811	0.071254	0.088757

0.041527	0.025629	-0.00377	0.001496	0.021172	0.019761	0.055282	0.084963	0.071254	0.098247
-3.49E-04	0.007998	0.002229	-0.01979	0.008568	-0.00982	0.015191	0.030239	0.023431	0.065126
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0.011839	0.036309	0.026616	0.024224	0.034891	0.064561	0.057397	-0.00841	0.034863	0.015341
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0.101195	0.100154	0.116955	0.10388	0.101358	0.123477	0.125749	0.11204	0.098532	0.116167
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0.129934	0.139959	0.106807	0.154428	0.208022	0.206348	0.161091	0.13104	0.097066	0.111638
0.116817	0.130831	0.086928	0.168306	0.172751	0.176508	0.191907	0.170625	0.097688	0.108575
0.162481	0.133917	0.140322	0.228782	0.205036	0.198099	0.237764	0.189541	0.143426	0.143992
0.186494	0.186905	0.191056	0.19663	0.23281	0.228055	0.19105	0.176774	0.196036	0.181293
0.13772	0.174101	0.168903	0.140396	0.196775	0.21337	0.145013	0.191051	0.223009	0.16664
0.077448	0.139871	0.163897	0.145045	0.174289	0.181794	0.142296	0.213944	0.212164	0.146996
0.063689	0.134806	0.162051	0.139662	0.086242	0.123811	0.108171	0.162787	0.182311	0.156695
0.090075	0.134849	0.125023	0.105851	0.031621	0.075401	0.067117	0.141816	0.155408	0.134924
0.110783	0.126274	0.088403	0.116988	0.083696	0.052673	0.091239	0.156761	0.133658	0.143176
0.13833	0.104949	0.073316	0.150385	0.140022	0.115707	0.148124	0.13324	0.157683	0.16822
0.135766	0.090052	0.100901	0.148245	0.135622	0.155962	0.13635	0.096098	0.157614	0.128486
0.110109	0.093847	0.117386	0.090404	0.096716	0.110636	0.08741	0.088133	0.117018	0.08261
0.118334	0.118157	0.10807	0.0597	0.11373	0.130732	0.092815	0.089347	0.101579	0.095885
0.118542	0.099953	0.095328	0.070179	0.113174	0.127752	0.105674	0.049486	0.079259	0.092266
0.080852	0.084604	0.087655	0.072667	0.0863	0.060376	0.081824	0.052974	0.058616	0.031526
0.092323	0.109492	0.076236	0.098137	0.098006	0.044008	0.09681	0.104687	0.070235	0.055697
0.171396	0.161342	0.141014	0.151847	0.125151	0.107711	0.129572	0.137384	0.121002	0.110398
0.211062	0.161065	0.192736	0.166535	0.131631	0.156592	0.149343	0.086208	0.097146	0.106427
0.181917	0.095014	0.135718	0.127768	0.08412	0.129906	0.106157	0.051199	0.073507	0.07247
0.085767	0.051627	0.120371	0.111515	0.086862	0.103688	0.032859	0.049868	0.089615	0.052433
0.032399	0.056892	0.117735	0.112203	0.091634	0.063543	0.042162	0.032577	0.078144	0.092448
0.016819	0.062037	0.099167	0.096122	0.075165	0.046726	0.06164	0.053359	0.077608	0.066756
0.019778	0.097078	0.101791	0.061606	0.094581	0.066294	0.074567	0.089028	0.069858	0.03249
0.088265	0.15239	0.12035	0.082654	0.104938	0.085295	0.103711	0.054112	0.0544	0.060648
0.124876	0.1372	0.120433	0.124339	0.092496	0.109161	0.121584	0.05825	0.068505	0.087202
0.085169	0.065336	0.089229	0.111576	0.069471	0.117184	0.127963	0.091706	0.096405	0.084287
0.072345	0.062919	0.111538	0.118897	0.079581	0.112422	0.113025	0.067554	0.091352	0.101073
0.09902	0.027981	0.077806	0.135753	0.111018	0.073446	0.062203	0.038921	0.050421	0.089237
0.083917	0.023776	0.075769	0.098196	0.090089	0.064707	0.03692	0.038105	0.070518	0.05505
0.043923	0.090718	0.10799	0.063032	0.089095	0.110879	0.079719	0.090885	0.112114	0.063352
0.033408	0.051591	0.073464	0.069885	0.09091	0.121979	0.119859	0.104563	0.093156	0.062092
0.066635	0.029137	0.037829	0.070455	0.065303	0.060935	0.072349	0.075823	0.043617	0.061848

0.062974	0.047489	0.030663	0.056874	0.039157	0.062636	0.072088	0.063477	0.027407	0.092025
0.056067	0.049589	0.042759	0.051752	0.016436	0.053275	0.065833	0.038885	0.031645	0.081764
0.043467	0.046655	0.031083	0.043497	0.029596	0.029762	0.045191	0.024037	0.01665	0.048011
0.03187	0.024937	0.069514	0.066336	0.035166	0.04746	0.047099	2.40E-04	0.038193	0.052654
0.030797	0.039469	0.107729	0.074019	0.061011	0.096731	0.089088	0.056065	0.089359	0.064635
0.056013	0.048555	0.0656	0.058249	0.085431	0.069119	0.095004	0.106114	0.096305	0.064465
0.033545	0.035842	-9.07E-04	0.021717	0.066004	0.009215	0.039188	0.07453	0.052605	0.031491
-0.01855	0.03806	-0.00532	0.016049	0.018682	-0.0102	0.0461	0.051016	0.017167	0.02764
0.002734	-0.00349	0.019337	0.038786	-0.01756	-0.02164	0.043674	0.04029	0.017117	0.033755
0.033545	0.00153	0.012483	0.018997	-0.01724	-0.00589	0.010763	0.019226	-0.0015	0.015442
0.023258	-0.00483	-0.01814	-0.01062	-0.04422	-0.0037	0.004275	-0.0023	-0.01229	-0.00247
0.004956	-0.03371	0.002717	-0.01328	-0.05329	-0.01379	0.00814	-0.00214	0.008631	0.031877
-0.00509	-0.01238	0.041913	0.007867	-0.02845	-0.01288	0.022026	0.012493	0.043776	0.027206
-0.00796	-8.90E-04	0.026316	-0.0061	3.17E-04	-0.01804	-0.01322	-0.00598	0.034152	-0.01953
-0.02319	-0.01049	-0.01113	-0.03296	-0.02418	-0.02082	-0.0206	-6.36E-04	0.004563	-0.00637
-0.00681	-0.00904	-0.02131	5.71E-04	-0.01695	-0.01717	9.81E-04	0.004106	-0.0072	0.008149
-0.00551	-0.01275	-0.02369	-0.00194	0.005152	-0.0079	-0.01511	-0.01978	-0.00403	0.009129
-0.04567	-0.04221	-0.02821	-0.01799	-0.03311	-0.03701	-0.03312	-0.02229	-0.00155	0.013087
-0.04882	-0.05894	-0.03016	-0.01492	-0.05728	-0.0475	-0.00265	0.003893	0.010745	0.033826
-0.02499	-0.04599	-0.04698	-0.03151	-0.01041	-0.01062	0.002831	-0.0119	-0.01632	0.026704
-0.04389	-0.03336	-0.0432	-0.04043	0.016172	0.008559	-0.02711	-0.05051	-0.04812	-0.01973
-0.06774	-0.04122	-0.03025	-0.02016	0.004992	5.82E-04	-0.0196	-0.01114	-0.05033	-0.04001
-0.03877	-0.03247	-0.04978	0.00512	0.023091	0.004655	0.004737	0.013429	-0.04512	-0.03892
-2.54E-04	0.016906	-0.00683	-0.01102	-0.01404	-0.01147	-0.00832	-0.01561	-0.02297	-0.03631
-0.00385	0.024466	0.00127	-0.02709	-0.03649	-0.02068	-0.01636	-0.03457	-0.04681	-0.03819
-0.00778	-0.0042	-0.01402	0.008791	0.001302	-0.01014	-0.01022	-0.02476	-0.05358	-0.0138
0.014781	-6.36E-04	-0.00296	0.016325	-0.01675	0.001904	0.031435	0.002161	-0.00171	0.012115
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-0.02825	-0.00619	0.001129	-0.01931	0.020025	0.006515	-0.0318	-0.03493	-0.02195	-0.0482
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-0.04191	-0.03641	-0.06521	-0.04391	0.005441	-0.03805	-0.05947	-0.03848	-0.08863	-0.07603
-0.01787	0.00281	-0.03335	0.001025	-0.00516	-0.04938	-0.02572	-0.02742	-0.0669	-0.04674
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-0.07216	-0.05127	-0.06362	-0.07683	-0.0649	-0.07919	-0.08305	-0.07538	-0.09615	-0.06568
-0.06363	-0.02926	-0.05584	-0.07396	-0.04425	-0.04759	-0.04371	-0.04891	-0.09642	-0.0731
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-0.00754	-0.02349	-0.02779	-0.03039	-0.05326	-0.07448	-0.0616	-0.05077	-0.08138	-0.06933
0.021223	-0.01546	0.001176	-0.00837	-0.02568	-0.0418	-0.02197	-0.04643	-0.06938	-0.056
0.02937	-0.00605	0.017132	-0.00911	0.005169	-0.01611	-0.00216	-0.0391	-0.05297	-0.0311
0.026885	0.01996	0.058162	0.016504	0.02044	0.02111	0.018152	-0.02689	0.002043	0.010177
0.082919	0.088586	0.094393	0.054899	0.075071	0.04739	0.040378	0.009497	0.067025	0.054533
0.111417	0.125912	0.110971	0.074131	0.107937	0.049372	0.052217	0.057897	0.074876	0.052268
0.108905	0.11937	0.126696	0.129513	0.133503	0.051858	0.082128	0.090845	0.046051	0.050875
0.132206	0.091012	0.137928	0.200757	0.160899	0.087132	0.139356	0.110132	0.062449	0.092931
0.133303	0.110578	0.136961	0.169667	0.175427	0.150513	0.122439	0.111977	0.094887	0.06422
0.143041	0.105253	0.067132	0.112629	0.125109	0.182271	0.141008	0.100392	0.082502	0.104953
0.179227	0.109983	0.116935	0.138262	0.124432	0.213806	0.21556	0.164182	0.151642	0.230988
0.220991	0.193463	0.199177	0.165618	0.204122	0.230156	0.192519	0.19819	0.217368	0.212516
0.176672	0.201512	0.189745	0.159163	0.241379	0.198843	0.163287	0.183111	0.194328	0.181614
0.14678	0.190961	0.183991	0.180812	0.21219	0.16246	0.188978	0.199781	0.143783	0.197636
0.155239	0.168108	0.175912	0.208448	0.203007	0.208423	0.205514	0.212273	0.17448	0.187691
0.112751	0.135153	0.155059	0.197049	0.201945	0.217208	0.199466	0.208034	0.217077	0.203969
0.102497	0.119265	0.120888	0.202998	0.191764	0.162757	0.236459	0.191051	0.186083	0.264803
0.181628	0.188449	0.198731	0.253466	0.222391	0.202179	0.22447	0.210847	0.213918	0.264533
0.192229	0.226567	0.224861	0.182451	0.215954	0.239343	0.154863	0.206465	0.235563	0.220962
0.143967	0.181458	0.175935	0.13977	0.215069	0.213575	0.15493	0.215434	0.219435	0.201321
0.140997	0.150091	0.16287	0.138154	0.128251	0.178089	0.17064	0.17597	0.182237	0.190712
0.131819	0.128022	0.12722	0.117336	0.041332	0.14522	0.139747	0.114251	0.18766	0.208998
0.100535	0.133744	0.110083	0.110042	0.061778	0.091759	0.120253	0.135828	0.1572	0.17905
0.136981	0.087903	0.090481	0.141261	0.113503	0.101462	0.172135	0.149946	0.157177	0.182208
0.182616	0.063177	0.119648	0.185485	0.163248	0.173901	0.194584	0.158464	0.209222	0.208971
0.129315	0.128193	0.185645	0.167753	0.175	0.196813	0.192814	0.170384	0.205554	0.194873
0.097232	0.182498	0.199821	0.1204	0.142305	0.135658	0.145387	0.189065	0.189193	0.157022
0.133152	0.214145	0.186341	0.134792	0.156533	0.136796	0.114007	0.205239	0.200794	0.166664
0.149879	0.163678	0.204835	0.177104	0.189329	0.167992	0.121355	0.17675	0.180315	0.147613
0.161101	0.115263	0.197792	0.200186	0.213044	0.143273	0.149432	0.207249	0.15856	0.144377
0.160413	0.154611	0.183633	0.22315	0.232864	0.184042	0.175117	0.201842	0.200489	0.238479
0.15968	0.168389	0.168372	0.188371	0.183458	0.241335	0.191564	0.139371	0.233747	0.25383
0.148673	0.14464	0.186197	0.181952	0.16575	0.23571	0.194067	0.183829	0.23265	0.186439
0.160711	0.204355	0.238011	0.204498	0.215459	0.22286	0.162508	0.211639	0.205348	0.163118
0.178509	0.202551	0.239966	0.225457	0.189697	0.199935	0.169615	0.132447	0.166788	0.166043
0.171114	0.141433	0.190303	0.195255	0.157991	0.155176	0.171504	0.158674	0.167565	0.149469
0.194629	0.144108	0.144188	0.130294	0.173035	0.141726	0.173424	0.230622	0.158006	0.160967
0.23571	0.178543	0.145872	0.146051	0.175855	0.196345	0.207591	0.180668	0.172568	0.224361
0.200423	0.16477	0.152027	0.168214	0.146863	0.184833	0.212776	0.126217	0.175703	0.211349
0.13833	0.143974	0.163121	0.111697	0.102682	0.177593	0.153022	0.100678	0.169171	0.164519
0.137415	0.179529	0.203057	0.125987	0.174336	0.176814	0.119175	0.124938	0.186353	0.188696
0.161584	0.175148	0.199796	0.166811	0.203665	0.121418	0.110906	0.113365	0.129664	0.175304
0.133002	0.128193	0.157662	0.130167	0.145087	0.117081	0.09989	0.120696	0.114257	0.105908
0.095589	0.152843	0.120474	0.123195	0.182709	0.168085	0.143258	0.214422	0.183899	0.136326
0.138853	0.186611	0.143338	0.129134	0.168055	0.177357	0.195967	0.17797	0.121935	0.148987

0.132442	0.130981	0.173874	0.145613	0.094917	0.136301	0.179593	0.066948	0.094329	0.118299
0.120839	0.128193	0.195944	0.153603	0.110466	0.155558	0.116593	0.021079	0.161409	0.133527
0.113882	0.145151	0.18087	0.079788	0.086997	0.070021	0.082109	0.069454	0.153327	0.154622
0.117544	0.108224	0.144276	0.076903	0.057231	0.054128	0.100009	0.10201	0.119332	0.108931
0.116216	0.121512	0.113953	0.078981	0.134064	0.134886	0.069254	0.14693	0.149308	0.112565
0.08745	0.109225	0.101257	0.117091	0.193543	0.135636	0.033896	0.159259	0.152871	0.13809
0.095451	0.053171	0.103675	0.178824	0.169201	0.097692	0.107002	0.14067	0.11986	0.109035
0.103019	0.046514	0.113465	0.13554	0.127868	0.102255	0.139356	0.132249	0.101417	0.075385
0.071167	0.073042	0.135761	0.108252	0.088531	0.146317	0.130167	0.101149	0.087865	0.098614
0.090777	0.07107	0.104511	0.100161	0.067039	0.080943	0.104972	0.058231	0.033718	0.095967
0.096479	0.070527	0.072594	0.098392	0.072852	0.048231	0.104571	0.069359	0.08871	0.102102
0.058037	0.085572	0.055628	0.075654	0.108364	0.077122	0.083195	0.073568	0.1262	0.113664
0.024497	0.070022	0.032431	0.066992	0.092124	0.08083	0.078077	0.108984	0.097588	0.108115
0.079042	0.069928	0.051748	0.053482	0.038932	0.071277	0.088238	0.099656	0.058213	0.090438
0.103904	0.065743	0.055681	0.078662	0.055931	0.068898	0.102155	0.072665	0.057938	0.134015
0.101375	0.050732	0.07154	0.072076	0.059499	0.096104	0.10977	0.066115	0.070216	0.118641
0.076824	0.044852	0.053498	0.064662	0.055804	0.076205	0.089842	0.091666	0.043387	0.061623
0.055383	0.037921	0.039832	0.065516	0.067836	0.070667	0.034765	0.026428	0.080627	0.09271
0.024229	0.00617	0.051766	0.075115	0.047375	0.077966	0.041607	0.017567	0.08995	0.07272
0.008433	0.001802	0.043658	0.059718	0.028511	0.002835	0.039309	0.052223	0.048141	-0.00284
-0.0131	0.003788	0.012741	0.031108	0.033416	-0.027	0.03032	0.080838	0.033355	0.0295
0.025572	0.062166	0.02625	0.079412	0.056725	0.002235	0.051863	0.041895	0.013217	0.062073
0.088498	0.043689	0.027732	0.087237	0.023125	-0.01138	0.075578	0.017364	-0.00595	0.052856
0.056536	0.047347	0.053852	0.066463	0.028494	-0.00389	0.025786	0.011792	0.001979	0.043957
0.001683	0.032983	0.050128	0.043428	0.059917	0.039568	0.0368	0.024088	0.055091	0.05258
0.019661	0.008744	0.042292	0.019536	0.036803	0.051858	0.045435	-1.66E-04	0.061248	0.058277
0.024229	4.46E-04	0.02512	0.0055	0.014251	0.021192	0.011473	0.003795	0.048661	0.063239
0.008336	0.010403	-0.0086	-0.00306	0.027597	0.014829	0.024018	0.060688	0.034273	0.03046
7.86E-05	0.028372	7.84E-04	0.027944	0.048331	-0.00228	0.034322	0.03043	-0.00786	0.044191
0.027728	0.027167	-0.00413	0.063195	0.073397	-0.01579	0.034697	0.035561	-0.01381	0.075656
0.030236	0.012511	-0.01378	0.028996	0.075599	0.021472	0.039412	0.038495	0.020464	0.068125
0.013487	0.004671	-0.01785	0.008297	0.023493	-0.00501	0.049757	0.020075	0.021423	0.072566
0.029014	-3.34E-04	-0.00419	-0.00863	6.34E-04	-0.00821	0.067026	0.010344	-0.01128	0.027761
0.012671	0.010028	0.023762	0.007326	0.028155	0.027532	0.028131	0.01982	0.026913	-0.00386
0.013242	0.029665	0.027833	0.01367	0.035166	0.028268	0.012703	0.032524	0.062819	0.009312
0.013111	0.063085	0.032734	0.022507	0.049342	0.03931	0.037503	0.052296	0.033441	0.005338
0.009047	0.041023	-0.03474	0.065135	0.077017	0.037835	0.045838	0.043059	0.040932	0.040708
-0.0072	0.025207	-0.03387	0.052351	0.048863	0.02668	-0.00338	-0.00709	0.011271	0.037182
0.028743	0.038929	-0.00267	0.034092	0.022156	0.008879	-0.00902	-0.00787	-0.03335	0.032736
0.054501	0.023071	0.005435	0.061354	0.013726	-0.01198	0.026555	0.020841	0.011798	0.043758
0.039266	0.022785	-0.00509	0.062165	0.018698	-0.00575	0.010085	0.0297	0.038753	0.014297
0.008223	0.033378	0.016514	0.002612	0.017772	0.009584	-0.00146	0.018802	0.039034	0.026116
-0.01699	0.031765	0.031554	-0.02505	0.051337	0.05027	0.018496	0.037662	0.021103	-0.02813
0.040708	0.070527	0.037436	0.013315	0.051069	-0.01927	0.006683	0.067004	0.015519	-0.00928
0.044326	0.060553	0.024673	0.016992	-0.0357	-0.00659	0.040188	0.048795	0.037162	0.044011
0.058382	0.054684	0.039369	0.051417	0.027259	0.032256	0.058873	0.026825	0.008402	0.030233
0.110926	0.079243	0.030596	0.067576	0.044273	0.029493	0.062621	0.029404	0.002446	0.04493

0.139202	0.057745	0.029237	0.029967	0.023895	-0.00141	0.036988	0.055604	0.055527	0.035253
0.077751	0.025089	0.07618	0.026346	0.023376	0.016896	0.038809	0.030517	0.069294	0.039976
0.038763	0.01148	0.08645	0.036654	0.049982	0.058828	0.028669	0.057823	0.057719	0.044515
0.005213	0.077984	0.0654	0.039676	0.132727	0.075159	0.027778	0.108462	0.064285	0.036226
0.032758	0.135653	0.107388	0.067138	0.120647	0.090772	0.0427	0.052937	0.036795	0.009312
0.036672	0.077546	0.078894	0.04457	0.057485	0.051523	0.003227	0.021693	0.028228	0.022517
0.058327	0.084198	0.066438	0.049537	0.06715	0.028201	0.025535	0.061678	-0.00541	0.039084
0.145737	0.114413	0.079326	0.110808	0.116189	0.049918	0.091161	0.075862	0.036987	0.062411
0.132464	0.078956	0.102504	0.10695	0.116915	0.095165	0.082318	1.92E-04	0.030766	0.064711
0.057024	0.076634	0.123834	0.05798	0.070328	0.115523	0.061205	-0.00608	0.010942	0.017675
0.022707	0.118366	0.115319	0.016992	0.093282	0.114664	0.029898	0.063215	0.076555	0.027328
0.079365	0.167452	0.143164	0.068656	0.128891	0.126365	0.06955	0.04617	0.091669	0.087401
0.069695	0.101498	0.12657	0.052298	0.078592	0.070464	0.051774	0.030169	0.045749	0.018812
0.044836	0.086833	0.096519	0.056678	0.072346	0.062835	0.044458	0.103903	0.048643	-0.01864
0.106205	0.101056	0.022408	0.071781	0.09922	0.064907	0.044126	0.109756	0.070141	0.003053
0.111909	0.055497	0.092568	0.0498	0.081357	0.071906	0.049439	0.070713	0.052442	0.042733
0.109884	0.058673	0.08971	0.083392	0.056906	0.133796	0.10979	0.072569	0.079913	0.054902
0.121362	0.12086	0.074411	0.060688	0.065543	0.126386	0.072256	0.081131	0.15408	0.100375
0.10324	0.127489	0.129451	0.093651	0.106252	0.120423	0.130571	0.109819	0.151211	0.142249
0.095649	0.119558	0.094257	0.084094	0.08661	0.086366	0.092561	0.143823	0.142001	0.128837
0.140274	0.129392	0.012113	0.036296	0.1218	0.084017	0.050251	0.146271	0.125151	0.090438
0.14115	0.123474	0.058932	0.10703	0.146818	0.129673	0.13055	0.094602	0.111182	0.087182
0.127525	0.123685	0.160984	0.139252	0.080287	0.119864	0.134415	0.044243	0.117249	0.113537
0.12042	0.106675	0.13269	0.04086	0.055012	0.121896	0.094867	0.086981	0.13368	0.090057
0.075313	0.1487	0.118783	0.067448	0.164636	0.183586	0.123003	0.078498	0.090838	0.072682
0.111356	0.147759	0.129767	0.111576	0.142481	0.189178	0.146952	0.076133	0.097869	0.113114
0.125045	0.131778	0.10485	0.114966	0.123546	0.117431	0.105032	0.137629	0.101295	0.042051
0.157488	0.130358	0.084601	0.124943	0.119581	0.087592	0.116202	0.148801	0.104199	0.070493
0.158628	0.110065	0.110406	0.081577	0.093518	0.103927	0.131635	0.083289	0.118721	0.116976
0.118084	0.078689	0.117714	0.078193	0.109608	0.122394	0.126697	0.071707	0.110933	0.097615
0.077429	0.12046	0.114055	0.049871	0.108222	0.102673	0.060915	0.084924	0.128306	0.111975
0.107685	0.158582	0.11085	0.047265	0.093931	0.087919	0.084684	0.101129	0.077972	0.056846
0.128355	0.112409	0.050656	0.029615	0.097351	0.076598	0.07936	0.117834	0.083628	0.031124
0.136308	0.099473	0.032667	0.084892	0.145663	0.098007	0.073149	0.148413	0.111907	0.065808
0.147024	0.080046	0.094199	0.125695	0.110814	0.10757	0.159725	0.110258	0.078605	0.102802
0.102879	0.05537	0.09133	0.104974	0.0583	0.077235	0.130294	0.053689	0.047783	0.08043
0.057078	0.06602	0.081077	0.048732	0.041978	0.043037	0.037451	-0.02999	0.051106	0.052084
0.030661	0.090052	0.079495	0.046881	0.063868	0.043002	0.005055	-0.07148	0.014226	0.044173
0.035724	0.027337	0.050041	-0.00322	0.015383	0.017697	-0.0067	-0.03873	-0.05192	-0.02189
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0.529716	0.531618	0.519451	0.477816	0.478607	0.449947	0.454357	0.498899	0.469992	0.431522
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0.256889	0.239354	0.281859	0.275312	0.302559	0.324832	0.371164	0.366305	0.358587	0.385741

0.17527	0.190986	0.159602	0.130716	0.194808	0.273901	0.293257	0.280525	0.28488	0.315452
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-0.0533	-0.04339	-0.07501	-0.06016	-0.03429	-0.0469	-0.05091	-0.04569	-0.04542	-0.07335
-0.03198	-0.02677	-0.06519	-0.03845	-0.03219	-0.05073	-0.03383	-0.02691	-0.05441	-0.04551
-0.03805	-0.0292	-0.04406	-0.03819	-0.0195	-0.01938	-0.03756	-0.02546	-0.07471	-0.08343
-0.04329	-0.05555	-0.06541	-0.07139	-0.04705	-0.03718	-0.05608	-0.04918	-0.08608	-0.08195
-0.03682	-0.05597	-0.05071	-0.05353	-0.0541	-0.04521	-0.03166	-0.05379	-0.05668	-0.03273
-0.01176	-0.02471	-0.02839	-0.02671	-0.03842	-0.03575	-0.01862	-0.03101	-0.02449	-0.02216
-0.01471	-0.01833	-0.03342	-0.04912	-0.03065	-0.02569	-0.0442	-0.02818	-0.0243	-0.0383
-0.03283	-0.01806	-0.05299	-0.07674	-0.03181	-0.01479	-0.04068	-0.02608	-0.04296	-0.04919
-0.02249	-0.00681	-0.05123	-0.045	-0.02599	-0.04059	-0.03167	-0.00105	-0.0265	-0.02052
0.004785	0.007419	-0.02516	-0.01408	-0.01711	-0.05912	-0.03249	-0.00197	-0.01932	-0.01866
7.73E-04	-0.02251	-0.02958	-0.02522	-0.03605	-0.05766	-0.0268	-0.04195	-0.05371	-0.0206
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-0.0094	-0.01375	0.004414	0.001436	-0.03614	-0.01462	0.004554	0.006403	-0.01197	0.012443
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0.002693	-0.05839	-0.03168	0.002473	-0.03313	-0.04904	-0.00373	-2.95E-04	-0.03381	-0.0209
0.002241	-0.05726	-0.02342	-0.02289	-0.03521	-0.04459	-0.00976	-0.02258	-0.03679	-0.028
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0.001966	0.00729	0.011425	-0.00828	0.039274	0.04232	0.028668	-0.00234	8.76E-04	-0.00515
0.004915	0.02444	-0.00725	-0.0246	0.016207	0.026062	-0.01447	0.001631	0.009566	-0.02646
0.008981	0.025548	-0.01176	0.003415	0.022313	0.001792	-0.01209	0.033619	0.001613	-0.02159
0.006087	0.033284	0.017593	0.039714	0.059704	0.025022	0.025079	0.040865	-0.00137	-0.00663
-0.00237	0.024205	0.023747	0.030152	0.047615	0.022449	0.010549	0.011524	-8.54E-04	0.012625
0.006968	0.008081	0.023186	0.033798	0.027853	-0.00497	0.010599	0.004601	-0.0103	0.043774
0.019696	0.021015	0.017442	0.05493	0.035888	0.023666	0.047198	0.036677	0.025143	0.068286
0.016612	0.028992	-0.00655	0.016754	0.040474	0.059246	0.034728	0.055057	0.054254	0.061032
0.028961	0.032241	-0.00579	0.008155	0.045412	0.045839	0.014604	0.026713	0.022573	0.027877
0.058002	0.038242	0.006979	0.038761	0.048855	0.002906	0.012954	0.035215	0.01658	0.014897
0.029322	0.031303	0.016821	0.015665	0.039257	0.008741	0.013254	0.031167	0.012496	0.004058
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0.018957	0.016842	0.016989	-0.03785	-0.02489	0.028487	0.022947	0.014198	0.006573	0.009279
0.020033	0.016167	0.014681	-4.53E-04	0.033813	0.044996	0.015891	0.016156	0.014145	0.004642
0.022971	0.027418	5.55E-04	0.036457	0.052127	0.022482	0.01777	0.031684	0.010317	-0.00633
0.008375	0.034261	-0.00165	0.006171	0.0183	-0.00841	-0.00738	0.021428	-0.00259	-0.01438
-0.01305	-0.00368	7.97E-04	-0.00929	-0.00566	-0.04775	-0.01889	0.005461	-0.02641	-0.00115
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0.012656	-0.011	0.016603	0.020728	0.013659	-4.57E-04	0.024327	-0.01855	-0.02456	0.017516
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0.001998	-0.01046	-0.04427	-0.04099	-0.01947	-0.0337	0.022947	0.027225	0.012933	0.00422
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-4.49E-04	-0.02643	-0.00592	-0.00312	0.038131	0.044329	0.007025	0.019111	0.017667	0.056836
0.002305	-0.03012	-0.00842	-0.0288	0.015473	0.019461	-0.0525	-0.02346	0.016648	0.003782
0.012375	-0.00622	-0.03158	-0.0041	0.007493	1.12E-04	-0.04606	-0.01733	0.006821	-0.03106
0.030717	0.032531	-0.00651	0.003269	-0.0187	0.008016	-0.00938	-2.24E-05	-0.00232	-0.02729
-7.97E-05	0.003406	-0.02135	-0.01627	-0.02071	0.007179	-0.00298	-0.0221	-0.00642	-1.03E-05
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0.006527	0.04764	0.037149	-0.04263	-0.00134	0.035812	0.001612	0.006891	0.027501	-0.00312
0.025061	0.041753	0.029489	-0.03117	0.023704	0.033397	0.007189	0.005623	0.022401	-0.01144
0.04608	0.042819	0.034191	0.016134	0.051873	0.023967	0.010103	0.008751	0.0099	-0.01361
0.030872	0.04524	0.025847	0.012732	0.017814	0.012632	0.001952	0.00898	0.015835	-0.00841
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0.025947	0.00435	0.016586	0.049473	0.016909	2.54E-04	0.041868	0.015209	-0.01138	0.01668
0.018822	0.026929	0.063783	0.057795	0.037166	0.028876	0.027325	0.019111	-0.00415	-0.02532
0.015578	0.021481	0.077247	0.023376	0.020319	0.031998	-0.01933	-0.02026	-0.0095	-0.04021
0.027417	0.046456	0.054417	0.018181	0.014457	0.014738	-0.01731	0.001519	0.009582	-0.03014
0.057488	0.083298	0.01882	0.038796	0.062612	0.029909	0.021927	0.063508	0.044452	-0.00465
0.05438	0.055963	0.013915	0.047886	0.068921	0.053393	0.057375	0.070068	0.054642	0.012823
0.052072	0.026828	0.01575	0.031416	0.039873	0.021534	0.053414	0.046483	0.016021	0.020234
0.081341	0.025363	0.040286	0.066337	0.048945	0.00734	0.032322	0.035059	0.024434	0.068718
0.076024	0.053195	0.080902	0.076566	0.03498	-2.20E-04	0.007878	0.024283	0.048795	0.049282
0.047889	0.049359	0.069932	0.034269	0.01867	0.019891	-0.00421	0.019597	0.044525	0.001052
0.04805	0.028822	0.046145	0.031607	0.052962	0.050985	0.03076	0.051109	0.034337	-0.00468
0.014912	-0.00743	0.011938	0.022899	0.064997	0.06243	0.068855	0.063619	0.033878	-0.00352
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0.030337	-0.02047	-0.00706	0.039325	0.034823	0.024017	0.062508	0.030823	0.010484	-0.00275
0.044136	0.001556	0.035344	0.045425	0.022347	0.024519	0.044686	0.030943	0.03719	0.025519
0.015545	0.041893	0.067891	0.015582	-7.61E-04	0.018238	-0.006	0.013371	0.030345	0.008935
0.001063	0.062779	0.047798	-0.00205	-0.00512	0.019742	-0.03021	-0.00285	0.004176	-0.02836
0.014281	0.035618	-4.13E-04	0.019529	0.01983	0.010245	-0.01797	-0.01753	0.002367	-0.03623
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0.015712	0.003326	0.024992	0.023767	-5.15E-06	-0.01033	0.003414	-0.01384	-0.02497	-0.01011
0.009852	-0.01011	0.011044	-0.02003	0.001914	0.006295	-0.02749	-0.02333	-0.01921	-0.01397
0.012788	-0.0109	0.007585	-0.01162	0.015156	0.018453	-0.02147	-0.01197	-0.03422	-0.04731
0.039587	0.004782	0.008637	-0.00588	-0.00706	0.006488	0.002715	0.007625	-0.03008	-0.06143
0.037602	0.01846	0.013931	-0.0097	-0.024	-0.007	0.00111	0.003873	-0.00504	-0.0556
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0.014863	0.002273	-0.0268	-0.0073	-0.02195	-0.01364	-0.03834	-1.67E-04	0.008749	-0.01224
0.044457	0.027435	-0.01869	-0.01138	0.003501	-0.00583	6.41E-04	0.015973	0.016156	0.003296
0.0286	0.030894	0.008867	-1.95E-04	0.006806	-0.01309	0.008043	0.01804	8.76E-04	0.005048
0.006821	0.005858	0.02022	0.027824	0.002626	-0.03039	0.004636	-0.01014	-0.03218	3.27E-04
0.015079	0.024859	0.035011	0.017593	0.01554	-0.00874	0.003561	-0.00872	-0.02074	0.015579
0.02348	0.025615	0.024924	-0.01889	0.023348	0.024419	-0.02763	-0.00114	-0.01414	0.00684
0.010691	-0.00658	-0.00205	-0.02892	0.03451	0.035348	-0.01557	0.002372	-0.00983	-0.00666
0.022887	0.005536	7.65E-04	0.009159	0.051384	0.012323	0.009377	0.015724	-3.85E-05	-0.00925
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-0.00652	-0.00804	-0.0029	-0.05178	-0.02615	0.003958	-0.01165	0.002936	-0.00737	-0.01741
0.012606	5.39E-04	-0.03394	-0.05103	-0.03871	-0.0124	-0.02908	-0.02613	0.006523	-0.01514
0.023938	-0.01	-0.04142	-0.00693	0.002545	-0.00527	0.0056	0.004861	0.03874	0.011303
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0.014863	-0.03224	0.015232	-0.01895	-0.00714	-0.01232	0.014938	-1.35E-04	-8.70E-04	0.035256
0.001095	-0.02479	0.013133	-0.02065	-0.00126	0.002396	0.02191	0.010439	0.007485	0.021499
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0.020033	0.018063	-0.00844	-0.00707	-0.00649	-0.01902	-0.01696	-0.02797	-0.00628	-0.02873
0.03352	0.024742	-0.00277	0.015599	0.018636	-0.03254	-0.03024	-0.01297	-0.01929	-0.05831
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0.008702	0.014098	0.036184	0.023819	0.021061	0.025441	-0.0071	-0.01399	-0.02314	-0.02243
5.47E-04	0.006517	2.97E-04	-0.00904	0.00599	0.020803	-0.02094	0.005558	-0.00289	-0.0353
0.029717	0.026187	3.29E-04	0.017039	0.023738	0.003495	-0.00653	-0.00328	-0.00326	-0.01704
0.015978	0.015493	-0.01088	0.033554	0.038957	0.006247	0.023696	-2.31E-04	-0.00425	0.027723
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0.025418	0.007468	-0.01176	-0.06806	-0.02204	-0.00442	0.026364	-0.01071	0.004506	0.018185
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0.045955	0.033763	0.013648	0.005501	0.022127	0.008887	0.014087	0.024367	-0.00467	-0.00426
0.046312	0.042731	0.022319	-0.00935	0.029555	0.0215	0.036603	0.025046	-0.01316	0.005423
0.023395	-0.01809	-0.01997	-0.05521	0.002173	0.019345	0.015724	0.012034	-0.00991	-0.01168
0.027554	-0.05633	-0.01024	-0.02139	-0.01793	-0.00362	0.001434	-0.01477	-0.01415	-0.01576
0.053525	0.008049	0.041668	0.017375	-0.01181	0.004453	0.003544	-0.03391	-0.0099	0.005195
0.025589	0.028924	0.03245	0.006368	0.003306	0.025575	-0.0137	-0.02465	0.00449	-0.00477
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0.045955	0.056162	0.018921	0.009967	0.023161	0.011624	0.024618	0.014712	0.013741	0.008509
0.018437	0.010364	0.004756	7.25E-04	-0.012	-0.02294	0.024259	0.022068	0.025212	0.018823
0.024006	0.009294	0.032815	0.030671	0.01484	0.00858	0.057301	0.037183	0.018654	0.0313
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0.011054	0.008549	-0.00184	0.034741	0.055094	0.044084	0.004848	0.020553	0.030258	3.43E-04
0.049327	0.031797	0.024941	0.025269	0.02662	0.027795	0.006058	0.034035	0.043242	0.03974
0.032532	0.005039	0.009229	-0.0102	-0.01503	0.012047	0.016695	0.03177	0.018875	0.040745
0.041812	0.001668	0.00287	-0.01997	-0.00565	0.033636	0.062508	0.045895	0.005613	0.050382
0.073732	0.033164	0.003373	-0.00833	0.039327	0.084036	0.09765	0.0626	0.039311	0.070303
0.062507	0.074853	0.035869	0.035563	0.058376	0.086751	0.074126	0.063842	0.083672	0.074117
0.054963	0.078846	0.052739	0.054437	0.048891	0.066504	0.055573	0.06772	0.085716	0.06415
0.077501	0.051924	0.032207	0.053761	0.053927	0.068963	0.072979	0.062285	0.074353	0.075453
0.071794	0.071719	0.03245	0.01383	0.041428	0.064701	0.0649	0.057155	0.07887	0.086018
0.085392	0.083106	0.047132	-0.00158	0.005077	0.035331	0.046299	0.071861	0.074488	0.110723
0.103042	0.07086	0.086238	0.070661	0.053017	0.08517	0.118008	0.106958	0.078381	0.155388
0.08018	0.087214	0.108508	0.132003	0.13197	0.174919	0.191551	0.164835	0.114634	0.114221
0.097333	0.126454	0.117437	0.144713	0.171026	0.190261	0.121795	0.146264	0.135041	0.064038
0.178058	0.186579	0.168259	0.182283	0.205624	0.189796	0.095915	0.140977	0.13723	0.101999
0.23529	0.220911	0.141814	0.17188	0.202074	0.196906	0.134654	0.121764	0.126571	0.120283
0.212312	0.165629	0.097694	0.133953	0.095938	0.117441	0.109534	0.072428	0.099123	0.075759
0.205422	0.147488	0.114741	0.116057	0.063021	0.071138	0.101691	0.105546	0.116893	0.089914
0.23391	0.201069	0.119321	0.111759	0.130664	0.113643	0.137591	0.17335	0.150205	0.111554
0.205396	0.205729	0.111311	0.128823	0.150479	0.131643	0.106842	0.154603	0.132731	0.098437
0.144086	0.148715	0.102077	0.163573	0.157082	0.110245	0.072463	0.128605	0.109395	0.085255
0.148272	0.134828	0.107908	0.157875	0.139537	0.121858	0.122158	0.153187	0.123914	0.12904
0.137485	0.134958	0.118092	0.090009	0.110405	0.134846	0.139879	0.130506	0.124957	0.149794
0.128253	0.096538	0.127201	0.084214	0.060276	0.061463	0.111011	0.095327	0.066654	0.115875
0.145814	0.114342	0.166174	0.154225	0.07561	0.082847	0.147225	0.146466	0.102789	0.129625
0.124876	0.163268	0.174093	0.151427	0.143571	0.146015	0.150842	0.190353	0.174078	0.13549
0.090232	0.143212	0.125433	0.046734	0.139648	0.119248	0.111157	0.155198	0.149721	0.093248
0.100117	0.112141	0.079913	0.066581	0.130447	0.10811	0.130797	0.159573	0.137902	0.076333
0.090945	0.105966	0.078539	0.136905	0.144782	0.130018	0.162511	0.175122	0.167211	0.117241
0.111415	0.103243	0.084785	0.082982	0.106892	0.101026	0.151025	0.125492	0.087748	0.105243
0.137242	0.099499	0.118982	0.08539	0.085626	0.077898	0.148564	0.117458	0.066464	0.118274
0.099551	0.109358	0.132112	0.116627	0.125027	0.133984	0.152146	0.164694	0.151777	0.16876
0.077655	0.130011	0.110395	0.110197	0.181701	0.159279	0.120152	0.155955	0.189204	0.14848
0.075221	0.120492	0.101343	0.108661	0.16175	0.1236	0.119259	0.138457	0.162535	0.117094
0.120123	0.113106	0.097775	0.137724	0.071228	0.0617	0.131824	0.149621	0.144431	0.13481
0.126314	0.117843	0.138985	0.111613	0.034213	0.043769	0.102426	0.112093	0.137678	0.140968
0.086469	0.07395	0.144527	0.10643	0.065633	0.077085	0.10507	0.080416	0.11207	0.140146
0.095527	0.059113	0.143426	0.114333	0.092819	0.156027	0.164983	0.127551	0.112598	0.171494
0.141029	0.11953	0.122067	0.132593	0.148594	0.172254	0.142314	0.158648	0.154214	0.180969
0.126959	0.151762	0.112771	0.136419	0.16161	0.114075	0.071834	0.115613	0.159791	0.133497
0.125068	0.114363	0.086336	0.117746	0.116001	0.08302	0.110699	0.129814	0.11423	0.123602
0.112809	0.101056	0.067835	0.087457	0.104286	0.032032	0.116	0.136433	0.114145	0.140391
0.086332	0.10258	0.074942	0.075529	0.078917	-0.00408	0.090712	0.101498	0.107509	0.126538
0.10691	0.081917	0.098401	0.091739	0.064885	0.063052	0.10167	0.091333	0.102169	0.143734
0.100826	0.084144	0.117437	0.116563	0.111985	0.109146	0.107234	0.126177	0.138845	0.152023
0.085627	0.118425	0.080262	0.106574	0.140158	0.088357	0.089977	0.126842	0.155146	0.096185
0.096208	0.131703	0.058899	0.092737	0.137942	0.088047	0.082769	0.13285	0.102996	0.053588
0.109426	0.101737	0.074138	0.118424	0.109887	0.071287	0.109015	0.151752	0.10507	0.078157

0.105002	0.091049	0.077401	0.077529	0.080696	0.074937	0.094508	0.106364	0.095305	0.079853
0.082195	0.081037	0.044981	0.034618	0.051003	0.043297	0.064938	0.057173	0.061772	0.070813
0.029545	0.058097	0.064138	0.065905	0.04058	0.038154	0.083884	0.032961	0.044742	0.114535
0.011202	0.052461	0.083044	0.103206	0.084569	0.081204	0.091708	0.028746	0.029995	0.088632
0.024976	0.054217	0.027338	0.058644	0.092301	0.092467	0.055298	0.045574	0.039615	0.02392
0.035818	0.039698	-0.00255	0.043388	0.066027	0.07004	0.064825	0.080262	0.053035	0.039089
0.061877	0.043064	0.018618	0.058533	0.051329	0.04656	0.065463	0.073642	0.036693	0.05049
0.060489	0.051246	0.024207	0.034828	0.042048	0.022765	0.031158	0.041077	0.015209	0.006628
0.03755	0.010689	-0.00417	0.03126	0.018938	0.007806	0.027704	0.027993	-0.00628	-0.01587
0.02489	-0.00412	0.036236	0.067352	0.015156	0.042354	0.034116	0.019395	-0.04251	0.004821
0.0178	0.024289	0.045142	0.034391	0.021704	0.051501	0.019151	-0.0042	-0.04331	0.003572
0.007998	0.058641	0.010962	-0.00334	0.020488	0.013594	-0.01188	-0.00331	0.002729	-0.01371
0.021398	0.021615	-0.02706	0.007367	0.005859	-0.00603	0.005403	0.01599	0.0101	-0.01681
0.032411	0.003055	-0.02922	1.27E-04	0.012631	0.003256	-0.00987	0.006452	-0.00216	-0.03766
0.010411	0.016068	3.77E-04	3.21E-04	0.007853	-0.00153	-0.02197	-0.02878	-0.01311	-0.04123
-0.00229	-0.00258	0.007717	0.002635	-0.00425	-0.00982	0.001644	-0.04524	-0.02781	-0.01692
0.007082	-0.00253	-0.00925	-0.0094	-0.00296	-0.01756	-0.02251	-0.03413	-0.03759	-0.00964
-0.0054	0.032583	-0.02863	-0.03335	0.012697	-0.0123	-0.05481	-0.03826	-0.03577	-0.01971
0.007017	0.036014	-0.0237	-0.01942	0.008017	-0.02452	-0.04918	-0.04605	-0.03371	-0.05305
0.006331	-9.19E-04	-0.05433	-0.02538	-0.01227	-0.02686	-0.03998	-0.01235	-0.03153	-0.05407
-0.03355	-0.03892	-0.06366	-0.03697	-0.02459	-0.02152	-0.03929	-0.0125	-0.05662	-0.05772
-0.02421	-0.05222	-0.03506	-0.03664	-0.03344	-0.03859	-0.04642	-0.03606	-0.07249	-0.06228
0.010658	-0.03913	-0.03565	-0.04781	-0.04112	-0.03361	-0.03759	-0.03947	-0.07184	-0.04349
0.027058	-0.01342	-0.03722	-0.05017	-0.03915	-0.02057	-0.05064	-0.04712	-0.06601	-0.04822
-0.00733	-0.01399	-0.04013	-0.06003	-0.04348	-0.00364	-0.06069	-0.07342	-0.04807	-0.05258
-1.60E-04	-0.01122	-0.03286	-0.03162	-0.02442	-0.02469	-0.048	-0.08119	-0.05674	-0.06026
0.00772	0.002751	-0.0365	-0.02924	-0.0394	-0.05474	-0.05095	-0.04527	-0.06455	-0.07507
0.015728	0.005809	-0.04969	-0.05817	-0.0693	-0.07551	-0.05229	-0.04857	-0.07862	-0.08566
-5.29E-04	-9.50E-04	-0.02151	-0.0332	-0.06883	-0.08429	-0.05738	-0.08024	-0.08749	-0.06762
-0.05569	-0.00901	-9.03E-05	-0.01818	-0.05679	-0.06404	-0.07171	-0.07711	-0.07899	-0.05689
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-0.03224	0.011437	-0.01381	-0.04708	-0.02502	-0.04398	-0.09437	-0.03565	-0.03263	-0.0454
0.020572	0.033849	-0.01638	-0.02462	-0.01087	-0.05191	-0.0855	-0.02372	-0.03045	-0.02605
0.037567	0.023451	-0.01055	-0.03484	-0.03823	-0.04439	-0.08926	-0.05195	-0.03693	-0.03603
0.012507	0.001286	-0.01697	-0.01883	-0.0452	-0.05027	-0.06246	-0.04775	-0.05072	-0.07779
0.014497	0.004798	0.003259	0.018215	-0.02192	-0.03434	-0.0169	-0.03133	-0.06753	-0.09025
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0.012094	0.01808	-0.01388	-0.0504	-0.01834	-0.02555	-0.06318	-0.04624	-0.0522	-0.09014
0.034042	0.025548	-0.00728	-0.0368	-0.00155	-0.02736	-0.06416	-0.063	-0.05477	-0.07431
0.038972	0.002098	-0.03248	-0.0196	-0.00802	-0.02535	-0.054	-0.06653	-0.07393	-0.08221
0.027845	-0.0293	-0.04495	8.38E-04	-0.02051	-0.02651	-0.03511	-0.04536	-0.09007	-0.06798
0.023412	-0.02918	-0.03737	0.00911	-0.03193	-0.04141	-0.03998	-0.03671	-0.08437	-0.04907
0.03755	0.014738	-9.67E-06	-0.0207	-0.04967	-0.04238	-0.03877	-0.07024	-0.06831	-0.04715
0.02501	0.042994	0.027304	-0.03988	-0.03281	-0.0321	-0.05384	-0.0648	-0.05576	-0.06872
0.016913	0.04635	0.013765	-0.03402	-0.01681	-0.03712	-0.07216	-0.02155	-0.0333	-0.06435
0.00977	0.028348	0.004007	-0.02803	-0.02901	-0.03261	-0.05068	-0.02759	-0.04652	-0.06117

0.01899	0.03035	-0.00362	-0.02968	-0.01431	-0.03734	-0.04887	-0.06888	-0.0743	-0.08687
0.084747	0.074608	0.007061	0.018787	0.024742	-0.05474	-0.06389	-0.0677	-0.07329	-0.06882
0.09657	0.071644	0.015082	0.039431	0.00303	-0.0545	-0.05599	-0.06132	-0.06249	-0.03597
0.05964	0.013248	-0.00574	0.010066	-0.04826	-0.05191	-0.04546	-0.06025	-0.04797	-0.03292
0.021381	9.84E-04	-0.01132	-0.01875	-0.04264	-0.03628	-0.07119	-0.06666	-0.04421	-0.04593
9.02E-04	0.015197	0.008801	-0.01156	-0.01308	-0.00628	-0.06134	-0.05742	-0.04479	-0.05649
-0.00268	0.006646	0.028748	0.00555	-0.0143	-0.01567	-0.02968	-0.0401	-0.04624	-0.0582
-0.00307	0.012807	0.008735	-0.01041	-0.01094	-0.0165	-0.03554	-0.02891	-0.04225	-0.06611
0.011483	0.00379	-0.00671	-0.01573	0.008542	0.00332	-0.0367	-0.02462	-0.04285	-0.0654
0.007703	-0.01563	-0.00937	-0.00623	-0.01635	-0.01506	-0.01906	-0.0388	-0.06019	-0.04701
-0.01376	-0.0294	-0.03005	-0.01638	-0.05167	-0.0083	0.011559	-0.03912	-0.06449	-0.02629
-0.02082	-7.44E-04	0.003519	-0.00504	-0.01734	0.025961	5.12E-04	-0.03568	-0.03478	-0.01358
0.009737	0.046438	0.061232	0.044388	0.029383	0.041849	0.002894	-0.02893	-0.03871	-0.02225
0.007883	0.010673	0.028369	0.031867	0.013311	0.016723	0.007665	-0.01144	-0.05702	-0.04917
-0.00537	0.00842	0.002221	0.002262	0.025271	0.001745	-0.04445	-0.00172	-0.02466	-0.03831
0.03432	0.042679	0.023952	0.030325	0.053963	0.019957	-0.03732	0.02435	0.027206	-0.0069
0.048985	0.025514	0.024275	0.051648	0.045948	0.027846	0.011062	0.020789	-0.01456	-0.00482
0.030596	0.004766	0.014865	0.042462	0.031627	0.013839	0.044399	-0.00923	-0.04839	0.001761
0.023446	0.027334	0.054235	0.041343	0.028248	0.044627	0.064751	-0.00676	-0.0124	0.02155
0.057103	0.068997	0.091182	0.052503	0.022161	0.039365	0.048766	0.017489	-0.00587	0.021431
0.056462	0.042592	0.063969	0.029099	0.00342	-0.00447	0.033122	0.013652	-6.91E-04	0.026116
0.012524	0.023317	0.031825	-0.00579	0.031523	0.004645	0.004734	-0.00784	0.024987	0.042584
0.030492	0.063146	0.049927	0.034811	0.102449	0.00157	-0.01107	0.022794	0.042198	0.059481
0.080857	0.043642	0.029058	0.09148	0.08903	0.008193	0.012422	0.056314	0.041928	0.059684
0.089422	0.028958	0.021607	0.070794	0.069412	0.045277	0.062005	0.09421	0.050809	0.05625
0.088632	0.060313	0.07431	0.064349	0.06894	0.079567	0.118856	0.098995	0.036284	0.099184
0.097977	0.055387	0.102628	0.102062	0.087551	0.109369	0.142493	0.099156	0.061715	0.106576
0.075565	0.037636	0.099312	0.107524	0.083358	0.106166	0.106532	0.085557	0.101364	0.09729
0.042095	0.035188	0.063652	0.101736	0.083592	0.115972	0.063646	0.053858	0.111141	0.116589
0.069694	0.101757	0.07881	0.138766	0.1187	0.143213	0.104721	0.108066	0.135933	0.119902
0.108537	0.135932	0.108342	0.144803	0.132953	0.108495	0.12624	0.127508	0.120561	0.112323
0.110254	0.107466	0.094716	0.120803	0.130143	0.083345	0.130797	0.132176	0.112218	0.123005
0.09657	0.072955	0.110416	0.115847	0.084764	0.123075	0.165951	0.140113	0.126483	0.155158
0.067379	0.037705	0.095318	0.124676	0.079284	0.113027	0.135006	0.137554	0.113869	0.131448
0.083635	0.045768	0.063372	0.122019	0.085136	0.080347	0.087226	0.102045	0.090313	0.109295
0.078906	0.079683	0.091799	0.104887	0.063952	0.10811	0.09111	0.090543	0.099267	0.096426
0.043212	0.107588	0.136969	0.108765	0.102103	0.149997	0.137968	0.141199	0.119937	0.08944
0.009589	0.108462	0.115035	0.110842	0.134069	0.132672	0.144672	0.180213	0.138867	0.139348
0.035487	0.094799	0.098563	0.128541	0.121373	0.100089	0.155897	0.172849	0.134729	0.176073
0.102573	0.079302	0.13002	0.174452	0.111381	0.134954	0.184558	0.120218	0.113	0.163671
0.108806	0.082741	0.12496	0.1732	0.150251	0.170587	0.142	0.100992	0.098529	0.120262
0.122078	0.096241	0.108922	0.12627	0.151139	0.156639	0.091608	0.065832	0.092307	0.096988
0.092454	0.081745	0.081738	0.084743	0.093696	0.152619	0.104515	0.07425	0.154797	0.13926
0.092076	0.119489	0.09148	0.111676	0.13245	0.175867	0.165124	0.164296	0.199081	0.176411
0.109964	0.148849	0.115813	0.153443	0.191943	0.16581	0.183054	0.214119	0.167355	0.114618
0.134736	0.111034	0.054143	0.125946	0.154525	0.134652	0.180381	0.193394	0.131006	0.115938
0.15534	0.077384	0.04593	0.137414	0.132843	0.164353	0.217741	0.18426	0.131359	0.160218

0.128534	0.067309	0.069288	0.144578	0.139537	0.16646	0.172313	0.149214	0.153865	0.142037
0.093051	0.057481	0.059084	0.104641	0.088654	0.123327	0.117923	0.08233	0.126898	0.118865
0.057103	0.032771	0.10702	0.08016	0.04559	0.13962	0.134302	0.09809	0.15461	0.148955
0.061266	0.062798	0.147256	0.10088	0.071778	0.118001	0.107379	0.124658	0.171599	0.123175
0.041369	0.072655	0.100753	0.091679	0.082852	0.067649	0.064882	0.098592	0.122981	0.07833
0.030475	0.07185	0.048068	0.062632	0.047256	0.054593	0.097913	0.106241	0.087449	0.10373
0.096369	0.079531	0.043553	0.09687	0.064027	0.065583	0.130514	0.131806	0.084306	0.101613
0.107548	0.074702	0.031894	0.084468	0.10402	0.068889	0.082965	0.119226	0.085258	0.057642
0.0656	0.063825	0.02636	0.04848	0.076147	0.044137	0.053944	0.063972	0.047974	0.051068
0.077328	0.053966	0.060138	0.046663	0.025868	0.048271	0.037922	0.044383	0.043693	0.040092
0.099895	0.069592	0.084452	0.068446	0.051293	0.069724	0.044882	0.05699	0.045738	0.017683
0.102818	0.094681	0.08738	0.080082	0.094796	0.045241	0.056657	0.077993	0.046282	0.03194
0.108166	0.084471	0.077035	0.054766	0.086646	0.02766	0.069498	0.08293	0.035221	0.029783
0.14505	0.11523	0.081233	0.053925	0.104736	0.084113	0.100041	0.085265	0.063317	0.052498
0.156882	0.153745	0.105106	0.076028	0.111485	0.097744	0.094027	0.077724	0.065608	0.04948
0.118262	0.128473	0.095378	0.098871	0.086823	0.057094	0.085159	0.059133	0.009416	0.038562
0.104532	0.093873	0.080631	0.086334	0.063375	0.032748	0.081677	0.03673	-0.0126	0.078138
0.130309	0.08374	0.081777	0.061905	0.0991	0.062357	0.040307	0.025403	0.025818	0.069265
0.130874	0.101236	0.094195	0.053086	0.102408	0.0928	0.024994	0.022136	0.049929	0.034507
0.135328	0.1071	0.085314	0.072163	0.08543	0.064903	0.003414	0.044206	0.038348	0.012525
0.157344	0.134568	0.082362	0.071535	0.078242	0.024737	0.003089	0.06412	0.048248	0.013751
0.132375	0.149541	0.101262	0.030896	0.060887	0.026482	0.03121	0.04513	0.053478	0.021938
0.121312	0.120554	0.105743	0.062501	0.064979	-0.002	0.041957	0.024334	0.031958	0.020554
0.192938	0.108157	0.106401	0.143566	0.099485	0.005141	0.061001	0.031615	0.035115	0.056543
0.180633	0.10773	0.139163	0.140591	0.115413	0.072425	0.053925	0.033048	0.062902	0.077945
0.103613	0.083355	0.12496	0.11001	0.120162	0.127698	0.035621	0.029792	0.064793	0.053206
0.045508	0.10946	0.096122	0.089791	0.183268	0.159575	0.063777	0.083882	0.081028	0.050815
0.082778	0.180362	0.153685	0.130214	0.215686	0.211075	0.149565	0.098532	0.06521	0.054133
0.113665	0.139852	0.137854	0.156208	0.154962	0.169557	0.171139	0.092819	0.039026	0.017666
0.076944	0.076816	0.066705	0.114837	0.11925	0.115435	0.173828	0.162848	0.081068	0.016931
0.119678	0.100496	0.085648	0.137038	0.152829	0.131301	0.185992	0.175242	0.139587	0.11857
0.132768	0.100676	0.097532	0.126982	0.146966	0.164422	0.177383	0.130809	0.138395	0.188245
0.061155	0.044678	0.085099	0.078185	0.06894	0.109695	0.135954	0.098653	0.116978	0.144248
0.014131	0.071476	0.084569	0.051993	0.069242	0.085497	0.101181	0.090898	0.085	0.074498
0.030062	0.083317	0.084491	0.048372	0.088793	0.105702	0.09127	0.085772	0.046973	0.080703
0.075221	0.066921	0.080126	0.04403	0.065334	0.069019	0.080626	0.056606	0.024193	0.067966
0.095267	0.089488	0.071412	0.055077	0.078126	0.061008	0.072826	0.045556	0.040528	0.041222
0.095367	0.101757	0.090625	0.084743	0.063114	0.028335	0.05495	0.043072	0.038918	0.06231
0.095988	0.077555	0.071488	0.092198	0.050009	0.031572	0.048531	0.022085	0.032943	0.089855
0.070336	0.053446	0.039791	0.074302	0.059722	0.052178	0.07075	0.029809	0.059744	0.083051
0.044492	0.086478	0.072039	0.072792	0.081122	0.059427	0.068722	0.0494	0.075322	0.067253
0.080605	0.071756	0.080514	0.089058	0.07431	0.078391	0.055482	0.034815	0.049033	0.052009
0.078386	0.052121	0.061864	0.028719	0.044181	0.083115	0.03951	0.014198	0.02516	0.030076
0.039341	0.063182	0.04064	0.016603	0.069128	0.078675	0.038327	0.045859	0.041784	0.060699
0.04762	0.096855	0.059749	0.068994	0.091565	0.088396	0.079442	0.063786	0.06732	0.095044
0.086293	0.079988	0.051177	0.075913	0.049432	0.060881	0.093746	0.071256	0.073579	0.100518
0.101841	0.031081	0.054308	0.057777	-0.03942	0.036482	0.072769	0.059519	0.086014	0.096506

0.066385	0.038935	0.098745	0.049491	-0.01417	0.046771	0.087759	0.064845	0.078264	0.085079
0.038041	0.051371	0.084334	0.070168	0.046413	0.037326	0.080898	0.043904	0.040277	0.044271
0.03769	0.052658	0.066837	0.088049	0.053927	0.036947	0.04465	0.008768	0.040313	0.019646
0.042237	0.084837	0.063951	0.060717	0.07174	0.064206	0.054364	0.045521	0.083949	0.043525
0.056187	0.097212	0.061232	0.054309	0.082385	0.082771	0.08691	0.090661	0.06055	0.019646
0.06798	0.032156	0.008373	0.060976	0.046467	0.022332	0.064395	0.121064	0.014027	-0.03167
0.055602	-0.04774	-0.02558	0.041965	0.010104	5.55E-04	0.053944	0.079549	0.02421	0.013204
0.036307	-0.02642	0.033982	0.046447	0.007149	0.035743	0.069688	0.028215	0.030363	0.067028
0.02663	0.037342	0.037553	0.056746	0.032251	0.039123	0.058611	0.025233	0.006523	0.032476
0.014796	0.034964	0.022778	0.049799	0.020488	0.031624	0.035393	0.022743	0.013842	0.015413
-0.01258	0.008744	0.046665	0.040174	0.016124	0.04882	0.007402	0.002743	0.032134	0.044271
0.027485	0.023568	-0.03375	0.026879	0.051873	0.041205	0.004979	-0.00207	0.043531	0.059555
0.03001	0.023117	-0.04656	0.004538	0.053799	0.014428	0.019692	0.017306	0.01636	-0.01116
-0.02062	-0.00658	-0.00939	0.007318	0.025868	-0.00464	0.032757	0.031511	-0.01776	-0.00179
0.007736	-0.00284	0.001331	0.012799	-0.00635	-0.03171	0.026329	0.036573	-0.00945	0.017532
0.03913	0.015969	-0.00522	-0.03017	-0.01994	-0.03418	-0.02294	-0.02225	-0.02587	-0.02235
0.014231	-0.02287	-0.03026	-0.05781	-0.04761	-0.02217	-0.0339	-0.07788	-0.08208	-0.02194
-0.00387	-0.04774	-0.01806	-5.82E-04	-0.04536	0.008225	0.004832	-0.05071	-0.048	0.014481
0.031995	-0.01239	0.017576	0.062632	-0.01478	0.009711	0.017552	0.003065	0.006738	0.013734
0.035748	0.008582	0.0316	0.013347	-0.00952	-0.00151	-0.02165	0.017289	0.02383	0.003021
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0.014696	-0.02843	-0.02929	-0.0374	-0.00318	0.001935	-0.01345	0.005136	0.022866	-0.01955
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0.003908	-0.01481	-0.0253	0.017005	-1.34E-04	-0.0422	-0.03782	-0.01876	-0.03001	-0.0095
0.012044	-7.29E-04	-0.00298	-0.00907	-0.02097	-0.03068	-0.02502	-0.04641	-0.05448	-0.02347
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0.027212	0.025346	0.023832	-0.0188	0.002464	0.019411	0.012854	-0.00793	-0.00859	-0.0276
0.053525	0.049963	0.026532	0.010198	0.048783	0.011754	0.018797	0.01438	-0.02189	-0.03576
0.067642	-0.01122	0.031409	0.056085	0.057457	0.002476	0.041033	0.031615	-0.02758	-0.0307
0.08881	0.01038	0.088584	0.098648	0.060535	0.043472	0.067948	0.035876	-0.00862	0.023818
0.081516	0.126369	0.121321	0.107358	0.06211	0.080766	0.055683	0.0494	0.014482	0.054188
0.09148	0.131618	0.132331	0.116458	0.080754	0.124526	0.100876	0.069278	0.053921	0.075816
0.162805	0.167934	0.185087	0.154248	0.169407	0.176627	0.150431	0.096586	0.12703	0.130709
0.216129	0.18335	0.189679	0.211729	0.237537	0.204211	0.176631	0.136521	0.163794	0.130036
0.221556	0.178135	0.163511	0.250666	0.251122	0.186308	0.194674	0.196533	0.16993	0.157346
0.249815	0.224831	0.188508	0.286679	0.277557	0.203958	0.224997	0.269513	0.202789	0.2074
0.224295	0.242256	0.217048	0.234233	0.264848	0.239834	0.191928	0.25506	0.250923	0.2217
0.186075	0.182964	0.197687	0.177694	0.20382	0.228015	0.198481	0.206241	0.231247	0.266916
0.2126	0.16957	0.240609	0.203456	0.209439	0.284723	0.303298	0.240794	0.25352	0.31726
0.264252	0.249095	0.279442	0.251875	0.250864	0.304166	0.297816	0.281419	0.259175	0.253345
0.234048	0.257905	0.208079	0.257266	0.270391	0.262335	0.216092	0.232585	0.1962	0.179242
0.225131	0.23267	0.158048	0.253375	0.277191	0.207158	0.212128	0.259844	0.25572	0.249732
0.269541	0.263074	0.182478	0.246834	0.24511	0.195986	0.24695	0.344415	0.355015	0.278386
0.230918	0.242949	0.220329	0.187443	0.193247	0.138095	0.188152	0.263268	0.240803	0.194436
0.194545	0.203595	0.208001	0.197595	0.165574	0.099392	0.186041	0.173996	0.151591	0.219031
0.239203	0.218728	0.233817	0.22759	0.195613	0.215313	0.274272	0.184897	0.165774	0.235849
0.229199	0.238588	0.230844	0.193194	0.243247	0.270368	0.249208	0.215723	0.195124	0.186835
0.205912	0.218675	0.207091	0.169991	0.256868	0.239806	0.190774	0.237348	0.244112	0.175399
0.211108	0.160047	0.202312	0.186451	0.242234	0.229059	0.164888	0.260865	0.258375	0.191879
0.17755	0.126411	0.219366	0.186674	0.170335	0.220697	0.176946	0.216804	0.226602	0.206805
0.165243	0.168354	0.16563	0.180227	0.152897	0.150041	0.202682	0.18065	0.174712	0.188319
0.192462	0.181998	0.167475	0.230405	0.194177	0.116364	0.254338	0.223858	0.195124	0.241697
0.251819	0.236042	0.24481	0.25861	0.246385	0.235296	0.287743	0.256475	0.265024	0.272568
0.182855	0.198132	0.2339	0.198919	0.216374	0.263581	0.21276	0.253448	0.24103	0.228363
0.144714	0.225923	0.144954	0.107792	0.205211	0.237641	0.156545	0.216329	0.178118	0.169258
0.181413	0.25379	0.134831	0.103165	0.170144	0.214665	0.151917	0.14586	0.199805	0.213374
0.196259	0.212865	0.213053	0.139722	0.158795	0.171971	0.149496	0.175002	0.248313	0.243861
0.198767	0.209308	0.181669	0.170325	0.214234	0.123369	0.191576	0.265507	0.224407	0.229316
0.248303	0.230993	0.189255	0.238737	0.217674	0.156979	0.257452	0.242415	0.175298	0.205617
0.241551	0.235033	0.246627	0.199046	0.173179	0.205453	0.217715	0.189063	0.179349	0.174005
0.158361	0.178613	0.24193	0.176626	0.174019	0.166599	0.16277	0.148153	0.179794	0.154883
0.134955	0.195638	0.21103	0.159642	0.215475	0.199052	0.193261	0.171991	0.197587	0.20753
0.163928	0.168307	0.169281	0.176917	0.191468	0.204845	0.213868	0.147477	0.174517	0.225329
0.160589	0.113497	0.111623	0.095059	0.155123	0.143675	0.171163	0.164928	0.145114	0.128413
0.14825	0.149564	0.127417	0.087773	0.187683	0.144358	0.191175	0.207066	0.133973	0.161544
0.169924	0.179906	0.157723	0.14164	0.144693	0.17047	0.184015	0.179824	0.144727	0.199443
0.143728	0.150886	0.141122	0.096729	0.088793	0.142377	0.152765	0.148604	0.162772	0.177982

0.138987	0.169758	0.169424	0.066506	0.128842	0.14637	0.140593	0.122167	0.225613	0.190507
0.118241	0.183859	0.169233	0.08152	0.173227	0.16902	0.154213	0.098814	0.158825	0.209114
0.143236	0.135997	0.154053	0.125645	0.130903	0.119394	0.146365	0.071993	0.078929	0.164797
0.129875	0.136301	0.109813	0.112971	0.120905	0.094606	0.135822	0.160129	0.159649	0.123666
0.158454	0.147622	0.100489	0.154731	0.175607	0.136641	0.167871	0.208618	0.168605	0.111076
0.180535	0.128495	0.152447	0.177038	0.174115	0.188842	0.213762	0.167113	0.147767	0.125314
0.12464	0.103122	0.141948	0.126961	0.123335	0.146968	0.178234	0.125428	0.167163	0.155388
0.107795	0.115168	0.159279	0.114249	0.103019	0.16017	0.129926	0.099518	0.157885	0.133169
0.105986	0.137191	0.193011	0.159223	0.125972	0.151833	0.15194	0.085733	0.066559	0.122791
0.114062	0.103786	0.137522	0.156647	0.135539	0.122445	0.135491	0.122592	0.106298	0.129408
0.131874	0.143036	0.120724	0.110468	0.161984	0.138052	0.05583	0.13903	0.123523	0.098357
0.126185	0.152617	0.103978	0.115173	0.158841	0.149104	0.105214	0.17142	0.15517	0.118295
0.096931	0.089702	0.088386	0.126594	0.106913	0.134113	0.112849	0.121976	0.141663	0.122067
0.093868	0.069648	0.100002	0.099012	0.009018	0.091939	0.07861	0.051723	0.117834	0.129235
0.067511	0.083644	0.129433	0.075452	-0.02573	0.126808	0.118516	0.058253	0.133685	0.151863
0.049651	0.040899	0.104039	0.111884	0.068205	0.078637	0.121645	0.10164	0.087908	0.095885
0.003746	0.020732	0.093955	0.084272	0.033726	-0.03825	0.06676	0.109941	0.093581	0.08875
0.034999	0.060659	0.119236	0.089494	0.090553	0.081147	0.055812	0.088416	0.110846	0.07345
0.003373	0.084105	0.099312	0.085488	0.109887	0.062029	0.058666	0.036154	0.058062	0.027312
-0.03731	0.022048	0.037993	0.056324	0.034405	0.041971	0.035673	0.052753	0.001466	0.06497
0.056334	0.017948	0.012635	0.065173	0.022398	0.021683	0.017182	0.041746	0.011171	0.126409
0.040945	0.003982	0.063689	0.07184	0.001107	0.043122	0.062844	0.063767	0.0754	0.137779
0.025913	0.026086	0.070671	0.058902	0.041499	0.068407	0.073839	0.092621	0.083356	0.114242
0.066498	0.015821	0.040127	0.01038	0.017613	0.019709	-0.0025	0.027668	0.055254	0.064466
0.023243	0.045874	0.072306	0.017039	-0.00565	0.031079	0.031505	0.037445	0.080105	0.066185
0.039975	0.085203	0.067816	0.022084	0.043611	0.09439	0.08359	0.080512	0.069767	0.062384
0.079156	0.049697	0.032832	0.037089	0.059464	0.071175	0.072902	0.105096	0.058024	0.04939
0.06171	0.023786	-9.12E-04	0.036404	0.06524	0.009032	0.048098	0.073262	0.031046	0.072766
0.067511	0.026154	0.049294	0.108289	0.056338	0.026196	0.092486	0.083843	0.056051	0.13282
0.074476	0.044959	0.063876	0.113452	0.086568	0.051715	0.020757	0.055385	0.049709	0.090429
0.023446	0.007435	0.038186	0.044924	0.053763	0.025374	-0.0154	-0.00314	0.009215	0.048707
0.01889	0.028433	0.054783	0.045694	-0.01823	0.072762	0.051265	0.029208	0.050974	0.072215
0.001127	0.04849	0.05938	0.065435	0.007509	0.096893	0.080801	0.096526	0.079771	0.058487
0.009655	0.051228	0.029196	0.064518	0.079071	0.017908	0.003479	0.122613	0.063147	0.018152
0.036272	0.064744	-6.86E-04	0.024159	0.102999	0.017793	0.02276	0.08818	0.033931	0.041399
0.059787	-0.02866	-0.0233	0.050179	0.056375	0.013252	0.061986	0.046893	0.004523	0.06105
0.055584	-0.02071	0.012203	0.05429	0.026603	0.006648	0.05767	0.06832	0.010802	-0.01138
-0.00589	0.034432	0.029179	0.020035	0.006986	-0.01862	0.010087	0.010144	-0.00891	-0.052
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0.013633	0.025296	0.005474	0.026382	0.002707	-0.0015	0.003447	-0.01163	-2.51E-04	-0.00939
0.042095	0.043958	0.037781	-0.00558	-8.56E-05	0.025206	0.048965	0.030754	-0.01018	-0.0124
0.057103	0.033352	0.013682	0.016234	-0.01109	-0.01405	0.053889	0.048217	0.025558	0.03011
0.086352	0.06086	0.036096	0.021101	0.012234	-0.0528	-0.00425	0.039951	0.007103	0.009509
0.066966	0.04177	-0.007	0.012151	0.03232	-0.0466	0.013587	0.011096	-0.05265	0.001712
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0.001659	0.040986	0.039226	-0.01215	0.026928	0.061536	0.012323	0.005136	0.020412	-0.01743
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0.021449	0.008162	-0.0446	0.017123	0.033413	-0.01739	-0.02369	-0.08112	-0.11023	-0.0353
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0.066123	0.066108	0.04814	0.039838	0.045841	0.055383	0.017535	0.008784	0.062337	0.04246
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0.040839	0.143102	0.106072	0.049582	0.077741	0.09106	0.093006	0.027771	0.063299	0.079081
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0.159474	0.144869	0.070008	0.115973	0.155514	0.118043	0.092926	0.113943	0.129552	0.153759
0.103817	0.142485	0.135381	0.129018	0.103509	0.129166	0.08275	0.033983	0.087629	0.125744
0.105699	0.088787	0.147618	0.11853	0.110529	0.1632	0.120365	0.066448	0.12644	0.095104
0.055584	0.053805	0.082245	0.083842	0.149729	0.165347	0.107255	0.106712	0.156338	0.105652
0.056462	0.069983	0.087419	0.130366	0.130403	0.114528	0.090295	0.111368	0.107927	0.119457
0.118241	0.131296	0.109668	0.129779	0.16428	0.150242	0.139323	0.122443	0.116999	0.09737
0.169544	0.146221	0.106031	0.140435	0.148844	0.118749	0.125399	0.129987	0.109311	0.107645
0.13231	0.115313	0.119152	0.103616	0.112902	0.126363	0.119217	0.071936	0.073888	0.127033
0.077808	0.09407	0.127201	0.100962	0.116275	0.14161	0.126543	0.046305	0.044109	0.082177
0.067604	0.13418	0.124208	0.062129	0.110612	0.106368	0.085335	0.074022	0.120475	0.095704
0.084239	0.12656	0.134523	0.100189	0.064083	0.083652	0.053889	0.045414	0.087848	0.072462
0.06489	0.069965	0.067307	0.054363	0.038922	0.061737	-0.00761	0.022287	0.026251	0.020066
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0.042431	0.055819	0.045321	0.021507	0.036658	0.085382	0.021062	-0.01236	0.009532	-0.02179
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-0.0091	0.051317	0.072172	-0.04771	0.001203	0.091255	0.07273	0.048862	0.066559	0.076218
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0.141051	0.186627	0.128933	0.209554	0.232424	0.185168	0.192858	0.22469	0.20344	0.183855
0.221101	0.254787	0.244867	0.283631	0.265026	0.244031	0.239546	0.218921	0.136693	0.198859
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0.3971	0.369399	0.286993	0.255956	0.244912	0.273207	0.104064	0.189509	0.234792	0.184764
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0.444737	0.458932	0.503386	0.486727	0.413982	0.301846	0.430509	0.397429	0.359063	0.384647
0.414989	0.477904	0.503489	0.412592	0.395474	0.352664	0.469436	0.420608	0.308971	0.420784
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-0.00984	-0.00192	-0.02047	-0.00661	0.011373	-0.01104	0.001597	-0.00642	0.002333	0.029458
-0.03277	-0.01626	0.013349	0.016815	5.60E-04	-0.01625	0.024578	0.027999	-0.01097	0.038253
-0.01106	0.014693	0.063939	0.036004	0.014708	0.006806	0.052027	0.049633	0.013133	0.038253
0.027661	0.048275	0.068565	0.032498	0.013029	0.015184	0.013504	0.029882	0.028497	-0.01004
0.013416	0.024976	-0.00422	-0.01773	-0.00375	0.001427	-0.01388	0.020976	0.022441	-0.03496
0.024571	0.02953	-0.05572	-0.00591	0.010931	-0.00701	0.006669	0.053049	0.018777	-0.02022
0.044216	0.04858	0.004523	0.036609	0.038799	0.02533	0.040569	0.072513	0.049349	0.014064
0.039357	0.049751	0.055012	0.028664	0.041019	0.040666	0.044512	0.024606	0.038475	0.021003
0.034945	0.023259	0.032519	0.04116	0.026714	0.006142	0.037519	-0.01115	0.022525	0.052486
0.061103	0.044322	0.05216	0.047385	0.03941	0.020202	0.04946	0.020877	0.051481	0.092401
0.052811	0.067096	0.05991	0.047651	0.062149	0.046593	0.036079	0.034506	0.072437	0.066905
0.02354	0.041747	0.020932	0.052911	0.070657	0.040912	-0.0024	0.049386	0.075312	0.02573
0.037893	0.032847	0.002834	0.070615	0.084127	0.039494	0.027891	0.080996	0.063907	0.032978
0.031554	0.032327	0.014782	0.057112	0.075126	0.045848	0.060055	0.046908	0.060905	0.042457
0.011578	8.29E-04	0.007678	0.031934	0.030169	0.02067	0.031533	0.018458	0.015954	0.026554
0.024641	0.007272	0.030272	0.02342	-0.00327	0.007601	0.041607	0.035546	-0.01195	0.046243
0.032426	0.048491	0.039102	0.015217	-0.00774	0.018268	0.027354	0.038492	0.026543	0.058203
0.013058	0.047449	0.018345	0.01101	0.01193	0.011318	-0.00642	0.038595	0.041589	0.043348
0.008904	0.022073	-0.01768	0.033527	0.024819	-0.00487	0.00627	0.03844	0.035903	0.026402
0.014799	0.013115	-0.02097	0.068026	0.082003	0.035096	0.029826	0.023343	0.042081	0.037338
-0.00373	0.024346	-0.00523	0.07026	0.092232	0.060984	0.035583	0.042133	0.048313	0.040663
-0.01509	-0.0034	0.006009	0.063315	0.034843	0.021692	0.059025	0.028318	0.010445	0.042125
0.009596	-9.08E-04	0.040343	0.038948	-0.00291	0.037002	0.104099	0.033536	0.01218	0.067663
0.009309	0.021667	0.029179	0.008104	-0.01311	0.046274	0.065496	0.044706	0.029777	0.055066
0.00151	0.028911	0.013481	9.62E-04	0.016278	0.024333	0.011106	0.039783	0.040555	0.025461

0.033728	0.043059	-0.00745	0.028817	0.043021	-0.03071	0.010122	0.074581	0.051822	0.016359
0.015175	0.042899	0.013086	0.053145	0.055304	-0.03144	0.019986	0.091781	0.052794	0.041115
0.010696	0.052718	0.043435	0.028851	0.026646	-0.04886	0.008818	0.053992	0.044072	0.054581
0.044491	0.048526	0.030255	0.00488	0.001903	-0.04678	0.019557	0.038647	0.038266	0.06486
0.064369	0.049517	0.032553	-0.00652	0.023286	0.02134	0.051992	0.02002	-0.01559	0.067034
0.038037	0.064719	0.053151	0.006553	0.033205	0.044891	0.006094	0.018261	-0.00302	0.064273
0.008061	0.050274	0.050831	0.025722	0.041791	0.02233	-0.03479	0.041441	0.036857	0.055713
-0.01093	0.023005	0.019695	0.027698	0.054255	0.025668	0.010267	0.073983	0.040467	0.044451
-0.02929	0.004095	-0.00962	0.00211	0.024279	0.041736	0.065697	0.093904	0.053714	0.04354
-0.00576	0.004696	-0.00368	-9.60E-04	0.006151	0.02052	0.060779	0.039214	0.031198	0.029136
0.022129	0.016376	0.012691	0.022281	0.015302	8.83E-04	0.059567	0.027982	-0.00256	0.027834
0.022251	0.04709	0.032691	0.036522	0.035586	0.042211	0.074227	0.041026	0.005909	0.061948
0.001476	0.047216	0.040273	0.022398	0.046379	0.052008	0.031804	0.02439	0.023147	0.073773
0.01362	0.022666	0.025476	0.015974	0.022126	0.024165	-0.01934	-0.00201	0.022139	0.055947
0.013757	0.008336	0.004975	0.022833	0.026341	0.002356	-0.02302	0.02424	0.009596	0.019841
-0.00345	0.014028	-0.00482	0.037214	0.023656	-0.0196	0.010041	0.044689	0.010314	4.00E-04
0.008449	-0.017	-0.04073	0.036332	0.003909	-0.04848	0.022417	0.048629	0.028395	0.016474
-0.00112	-0.04482	-0.01855	0.051103	0.001215	-0.03802	0.038292	0.027094	0.009661	0.043243
-0.0098	-0.0068	0.048792	0.076466	0.023218	0.001107	0.043014	-0.00213	-0.01087	0.042911
0.001078	0.032899	0.053945	0.039434	0.026782	0.031118	0.007438	0.002555	0.019511	0.020687
0.026166	0.043059	0.019078	-0.01052	0.013654	0.004479	-0.01071	0.020993	0.034605	-0.02227
0.050688	0.049787	0.016005	-2.46E-04	0.047818	0.022548	0.0267	0.051789	-0.00602	-0.02467
0.043832	0.04616	0.025628	0.015135	0.032276	0.024367	0.035309	0.056995	-0.00233	1.63E-04
0.041025	-0.01027	-0.016	-0.00552	-0.0337	-0.04421	0.013309	0.044392	0.005391	0.017907
0.05722	0.006292	-0.00389	-0.0014	-0.0315	-0.04073	0.020431	0.022498	-0.01445	0.032517
0.03656	0.060984	0.039888	0.003324	-0.0113	-0.03637	-0.01942	0.008288	-0.01056	0.018138
0.013484	0.065672	0.037812	-0.01106	-0.02122	-0.0322	-0.05749	-0.00443	0.027171	0.001447
0.020411	0.02953	-0.00572	-0.02367	-0.013	-0.03276	-0.04624	0.003347	0.019761	-0.0337
0.001592	-0.0236	-0.04288	-0.00677	-0.00365	-0.03887	-0.00282	0.039886	0.007838	-0.04024
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-0.0216	-0.02579	-0.02176	-0.00794	-0.02695	-0.01695	0.020993	-0.00849	-0.00734	-0.00372
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-0.00286	0.005966	0.036144	0.009985	-0.02091	-0.02964	-0.02727	-0.01268	-0.02532	-0.01069
-0.00122	0.031341	0.019345	-0.0149	-0.01603	-0.02181	-0.05926	-0.01081	0.008163	-0.02621
0.014936	0.020334	-0.01957	-0.00382	-0.01116	-0.02394	-0.03243	0.01379	-0.01647	-0.0306
-0.00874	-0.00539	-0.03367	-5.95E-04	-0.00868	-0.01743	0.006542	0.020943	-0.00748	0.003565
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0.010595	0.040598	-0.00787	0.020429	0.012044	-0.02079	0.006174	0.01527	-0.00212	-0.02645
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0.007119	-0.01494	-0.05835	-0.02905	-0.01797	-0.02314	-0.00925	0.001007	5.24E-04	-0.01496
0.008955	-0.00835	-0.02771	-0.05068	-0.03382	-0.02044	0.005887	0.018672	0.006038	-0.00979
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-0.00391	0.013795	0.016552	0.005571	0.003057	-0.01127	-0.04769	-0.02534	-0.03538	0.001352
-0.02713	0.022767	6.72E-04	-0.00148	-0.01147	-0.02427	-0.0629	-0.04026	-0.05347	0.005933
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0.00727	0.003236	-0.04743	0.013936	0.002544	-0.02782	0.002991	0.017065	-0.00377	-0.01179
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-0.0016	-0.00272	-0.02035	-0.02923	-6.84E-04	-0.05029	-0.03916	-0.01169	0.006669	-0.00595
0.020428	-0.0313	-0.02705	0.001807	-0.00487	-0.04327	-0.00734	0.001465	-0.00459	-0.01013
0.021191	-0.02101	-0.00124	0.029598	0.023437	-0.00474	-0.0032	-0.00304	-0.00802	0.001908
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0.00219	0.002038	0.039067	0.021429	-0.01857	-0.01562	-0.00715	-0.01286	-0.03426	-0.02197
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0.008213	0.012966	-0.02414	-0.05856	0.00769	-0.02241	-0.04399	-0.05551	-0.03125	-0.03572
0.034193	-0.02055	-0.04456	-0.02827	0.010882	-0.02318	-0.01495	-0.00924	-0.01878	-0.011
0.01939	-0.02718	-0.03202	-0.02728	-0.01371	-0.02024	-0.02809	-0.01121	-0.00703	6.06E-04
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0.016392	0.021262	0.031163	0.026397	0.029247	-0.01174	0.001692	-0.01591	-0.03134	-0.00148
0.024711	0.041641	0.006786	-0.0044	0.023824	-0.01099	0.001819	-0.0042	-0.02823	-0.02368
0.038669	0.025129	0.010839	0.014839	0.019284	-0.0095	-0.00766	0.029343	0.006799	-0.03481
0.031004	0.006275	0.018912	0.027817	0.031521	0.005431	0.005567	0.035034	0.013528	-0.02199
0.004673	-7.79E-04	0.019762	0.004607	0.026714	0.010664	0.012709	0.019855	0.00259	-0.00415
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0.009799	0.00455	-0.00372	0.039417	0.039445	-0.00556	0.016651	0.048682	0.049474	0.026638
0.002539	0.010801	0.01097	0.030092	0.028906	-0.00393	-0.00944	-0.00315	0.028753	0.027784
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5.65E-04	0.050364	0.024226	-0.00877	0.003796	0.019301	-0.02842	8.81E-04	0.01051	0.03073

0.031128	0.040598	0.011396	0.045582	0.053083	0.029493	0.006462	0.063991	0.072456	0.034604
0.034569	0.023853	0.003879	0.067506	0.088463	0.062769	0.044878	0.115745	0.171383	0.092147
0.024012	0.006439	0.014452	0.060896	0.04684	0.043496	0.047436	0.055384	0.138696	0.116911
0.054382	0.031617	0.058831	0.086138	0.043585	0.02847	0.048086	0.062064	0.095449	0.132713
0.08078	0.060891	0.087894	0.091712	0.082138	0.054099	0.063176	0.120182	0.145557	0.170915
0.07654	0.071282	0.079557	0.071495	0.110534	0.094561	0.088607	0.113513	0.192856	0.15061
0.100764	0.107665	0.090381	0.093107	0.108257	0.131925	0.101684	0.128222	0.157865	0.102324
0.116061	0.172374	0.161206	0.185329	0.166582	0.176123	0.143876	0.209856	0.174233	0.125596
0.106619	0.180727	0.199417	0.202656	0.210155	0.193158	0.162818	0.226279	0.223459	0.143107
0.134996	0.145237	0.154734	0.144636	0.151589	0.126149	0.143547	0.159609	0.147435	0.110658
0.181749	0.197198	0.213062	0.175917	0.162229	0.142605	0.184475	0.147889	0.100286	0.096335
0.139349	0.163544	0.204088	0.140666	0.159711	0.152419	0.1804	0.177839	0.132267	0.067626
0.074887	0.112763	0.088382	0.078764	0.098528	0.094165	0.101346	0.142091	0.136768	0.058131
0.121384	0.138527	0.072261	0.113432	0.098708	0.087498	0.077716	0.110217	0.125271	0.072855
0.139053	0.138527	0.122116	0.14364	0.127818	0.122919	0.108525	0.134972	0.135154	0.074317
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0.073534	0.056529	0.113931	0.121152	0.078322	0.054714	0.09595	0.08599	0.083839	0.10724
0.076264	0.051214	0.15124	0.141303	0.107113	0.101358	0.14025	0.126093	0.104528	0.13422
0.089568	0.068392	0.139447	0.116537	0.126942	0.111757	0.116504	0.122303	0.1452	0.103769
0.10878	0.097806	0.11147	0.091751	0.132941	0.101177	0.073256	0.090597	0.120507	0.063191
0.176034	0.135683	0.111697	0.103242	0.147741	0.11118	0.09315	0.128348	0.110186	0.071285
0.159685	0.142728	0.117178	0.106497	0.140454	0.095395	0.129698	0.133109	0.125803	0.125997
0.105059	0.101202	0.102875	0.131089	0.109794	0.062824	0.102461	0.104777	0.116441	0.136187
0.096016	0.110248	0.133875	0.147995	0.106542	0.097907	0.147687	0.153676	0.113054	0.157039
0.113241	0.153515	0.153619	0.128882	0.108749	0.153281	0.202899	0.209907	0.1729	0.177464
0.12014	0.15457	0.120029	0.126198	0.113278	0.140263	0.150774	0.181216	0.202336	0.147309
0.143009	0.147444	0.110791	0.159536	0.168975	0.138108	0.115188	0.160564	0.178231	0.115112
0.173833	0.18932	0.152394	0.165354	0.187601	0.179366	0.131507	0.133216	0.158485	0.125638
0.138779	0.167735	0.146453	0.150638	0.13975	0.187839	0.153165	0.104017	0.096703	0.083582
0.105375	0.125433	0.142692	0.141259	0.097229	0.111118	0.172878	0.140154	0.079584	0.073548
0.14239	0.174988	0.180519	0.140841	0.101498	0.07169	0.091475	0.175713	0.14362	0.160873
0.15115	0.187335	0.164222	0.155518	0.123538	0.095693	0.064545	0.164359	0.18998	0.167946
0.147142	0.20481	0.137691	0.161858	0.164039	0.074049	0.071526	0.11048	0.151961	0.102825
0.207972	0.240452	0.142581	0.150301	0.201018	0.113701	0.115393	0.116814	0.155028	0.132692
0.196595	0.208328	0.164338	0.121992	0.171902	0.16952	0.160852	0.127989	0.176958	0.18329
0.121122	0.057537	0.131256	0.1406	0.127668	0.122453	0.158531	0.136434	0.155576	0.167341
0.144575	0.064364	0.162642	0.179551	0.156019	0.174189	0.216478	0.196201	0.179676	0.190888
0.178346	0.191413	0.184893	0.180898	0.203711	0.223916	0.246949	0.2382	0.244372	0.213581
0.162752	0.21261	0.176717	0.174989	0.189126	0.205272	0.179518	0.216822	0.235007	0.201834
0.197975	0.217968	0.182968	0.190642	0.211373	0.197737	0.149505	0.214574	0.192881	0.164927
0.162368	0.187335	0.173803	0.148509	0.216329	0.203077	0.191712	0.203854	0.165411	0.133229
0.134635	0.12834	0.142825	0.133156	0.155335	0.15485	0.170586	0.143489	0.135917	0.09462
0.115975	0.097785	0.141696	0.153976	0.127861	0.100051	0.161719	0.130573	0.101131	0.103106
0.087279	0.117373	0.161969	0.140578	0.140763	0.134332	0.170119	0.151887	0.144487	0.17825
0.075752	0.117373	0.123555	0.08008	0.096392	0.134375	0.131293	0.147403	0.178231	0.173598
0.095048	0.115901	0.080285	0.066357	0.088737	0.105285	0.080854	0.125315	0.145178	0.114473
0.140741	0.13118	0.104556	0.140249	0.132811	0.125467	0.084742	0.146741	0.133285	0.096573

0.131984	0.155742	0.170153	0.141259	0.067777	0.132271	0.114819	0.151686	0.131251	0.121619
0.091197	0.122012	0.136336	0.094526	0.011438	0.062124	0.098887	0.114147	0.106909	0.094974
0.093138	0.080686	0.101039	0.091967	0.063272	0.056782	0.115044	0.118712	0.097003	0.115732
0.071931	0.048832	0.045467	0.058254	0.085445	0.086018	0.116134	0.123702	0.119224	0.149537
0.03175	0.041765	0.024057	0.043418	0.070619	0.075983	0.065642	0.08301	0.132418	0.128161
0.065252	0.060337	0.028242	0.070466	0.083933	0.077582	0.03089	0.067431	0.120507	0.088153
0.090524	0.097524	0.049328	0.074784	0.067554	0.05802	0.035891	0.075665	0.106317	0.066296
0.023994	0.069429	0.051927	0.045141	0.049119	0.053323	0.035139	0.029225	0.083859	0.071024
-0.01014	0.010719	0.030769	0.015777	0.018169	0.025178	0.029085	0.036229	0.058215	0.055263
0.013979	0.015675	0.051675	0.020296	0.035552	0.010468	0.034507	0.058594	0.050763	0.055299
0.012547	0.020654	0.026322	0.023554	0.042195	0.023693	0.022732	0.037496	0.05469	0.044784
-0.02345	0.015308	-0.01347	-0.01931	-0.004	0.007163	-0.02598	-0.01127	0.029453	0.003724
0.003638	0.015408	-0.03076	-0.01276	-0.02228	-0.03171	-0.03447	-0.00224	0.015342	-0.00404
0.022582	0.012486	-0.0383	0.009676	-0.00658	-0.02234	-0.01738	0.0112	0.027442	0.01608
-0.01827	0.0033	-0.02983	-0.02547	-0.01845	-0.02897	-0.02952	-0.00809	0.02404	0.025193
-0.03931	-0.02258	-0.04082	-0.03363	-0.02396	-0.03578	-0.0032	-0.02112	0.012788	0.024305
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-0.0434	-0.03585	-0.05082	-0.05355	-0.05305	-0.07001	-0.03982	-0.03543	-0.06071	-0.04144
-0.07031	-0.0585	-0.05167	-0.06904	-0.06621	-0.07937	-0.02404	-0.03705	-0.03869	-0.01909
-0.0697	-0.04524	-0.04199	-0.05916	-0.05619	-0.07113	-0.03654	-0.06197	-0.0182	-0.00759
-0.08918	-0.04708	-0.0301	-0.06185	-0.0433	-0.05049	-0.0638	-0.08754	-0.02051	-0.01388
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-0.05532	-0.03783	-0.09688	-0.0748	-0.05184	-0.0527	-0.07576	-0.0284	-0.0204	-0.02027
-0.06767	-0.04735	-0.09669	-0.06745	-0.04001	-0.06174	-0.05196	-0.03433	-0.02284	-0.03005
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-0.0346	-0.003	-0.01011	-0.00522	0.007138	0.001667	-0.01806	-0.01976	4.92E-04	0.023619
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0.017837	-0.02015	0.011527	0.023604	-0.01632	-0.00453	0.03649	-0.00589	-0.02304	0.042265
0.002074	0.0022	0.05801	0.050264	-0.00242	0.04422	0.066706	0.007776	0.019244	0.037252
0.009664	0.019762	0.04222	0.0386	0.027291	0.035909	0.049743	0.032637	0.022441	0.030747
0.014542	0.004728	-5.89E-04	0.004639	0.005601	0.011531	-0.0024	-0.009	0.033932	0.011407
0.01073	0.028361	0.027018	-0.01304	0.00565	0.03775	0.007518	0.002001	0.05942	0.002656
0.030471	0.076389	0.071038	0.017344	0.027257	0.050966	0.064216	0.042827	0.040047	0.024556
0.071073	0.082529	0.055592	0.069272	0.054328	0.012745	0.06376	0.055419	0.01896	0.038288
0.076402	0.045891	0.032536	0.069086	0.053389	-7.45E-04	0.060724	0.031384	0.014484	0.081801
0.086209	0.059174	0.081361	0.082493	0.055558	0.045741	0.073947	0.021521	0.03717	0.103387
0.084057	0.060374	0.07362	0.065082	0.057811	0.034629	0.069507	0.041475	0.057358	0.086914
0.07156	0.073695	0.076141	0.065858	0.051572	0.020537	0.047295	0.032908	0.055813	0.068644
0.086794	0.118681	0.133615	0.081323	0.067479	0.05562	0.054609	0.051825	0.094496	0.096671
0.106535	0.128405	0.112069	0.098693	0.07899	0.091577	0.079472	0.089668	0.107052	0.094718
0.141679	0.133994	0.104069	0.132918	0.109425	0.117574	0.101246	0.09992	0.072155	0.067404
0.146007	0.108841	0.115947	0.122266	0.114065	0.088945	0.143634	0.102401	0.044337	0.118842
0.131491	0.097081	0.126192	0.118932	0.115102	0.056019	0.109537	0.112513	0.069638	0.111619
0.112148	0.110517	0.099793	0.080557	0.106563	0.059609	0.066119	0.106744	0.103555	0.098534
0.063202	0.114162	0.105328	0.072338	0.08905	0.072632	0.077133	0.060416	0.10994	0.113794
0.045958	0.120142	0.150111	0.09356	0.078532	0.080222	0.087045	0.073238	0.135589	0.142206
0.0849	0.131854	0.140394	0.087107	0.071088	0.087928	0.112894	0.125043	0.12192	0.135191
0.149678	0.124361	0.116427	0.107635	0.082929	0.066657	0.130527	0.114413	0.083395	0.110454
0.183259	0.121948	0.127838	0.162158	0.11529	0.067887	0.143284	0.098891	0.066372	0.105865
0.161456	0.126163	0.143424	0.16937	0.141579	0.100613	0.117102	0.108719	0.083201	0.088464
0.128392	0.132268	0.114242	0.107066	0.109363	0.108714	0.085106	0.109953	0.090312	0.076219
0.069926	0.077445	0.099051	0.067283	0.010049	0.125659	0.099599	0.067027	0.083279	0.105017
0.09028	0.09111	0.139052	0.104897	0.04962	0.166724	0.119853	0.031113	0.089861	0.15254
0.189633	0.162515	0.167212	0.17852	0.176713	0.130717	0.120497	0.070085	0.087864	0.09915
0.171226	0.146993	0.118811	0.147036	0.165974	0.098647	0.130187	0.120058	0.079622	0.035943
0.146308	0.130376	0.120429	0.157112	0.147517	0.096709	0.16991	0.13816	0.077672	0.089046
0.132432	0.123783	0.15346	0.171557	0.128696	0.076363	0.127306	0.095057	0.052524	0.106876

0.126707	0.125325	0.137582	0.116578	0.100794	0.096569	0.077302	0.062536	0.044019	0.076464
0.131939	0.124318	0.135703	0.104775	0.086358	0.124276	0.077001	0.063572	0.052164	0.104695
0.139166	0.148416	0.159682	0.139832	0.128482	0.151084	0.100035	0.134586	0.105381	0.142228
0.138529	0.140634	0.095618	0.12256	0.156019	0.133376	0.109983	0.168188	0.110495	0.097681
0.14691	0.11712	0.024513	0.105281	0.136878	0.08493	0.105262	0.106462	0.050888	0.0682
0.157732	0.104074	0.068304	0.112629	0.095875	0.070412	0.104981	0.073331	0.055197	0.107585
0.120729	0.100898	0.11768	0.104351	0.086688	0.075698	0.074732	0.07952	0.052614	0.08161
0.040825	0.078908	0.081073	0.066913	0.096532	0.078575	0.0524	0.075871	0.04712	0.053201
0.00963	0.037257	0.056208	0.048467	0.044644	0.061774	0.051371	0.063135	0.060941	0.082221
0.002556	0.043468	0.05852	0.038982	0.009658	0.068634	0.059585	0.073126	0.068964	0.088192
0.037893	0.073466	0.030717	0.045441	0.033618	0.049373	0.061885	0.101606	0.07065	0.047566
0.073436	0.078099	0.018728	0.04797	0.051985	3.24E-04	0.015915	0.097807	0.068049	0.044118
0.062781	0.058787	0.037168	0.079278	0.065676	0.004511	0.050662	0.094314	0.060171	0.086373
0.054925	0.045338	0.034535	0.04989	0.081657	0.063562	0.103359	0.110257	0.099804	0.115195
0.036201	0.052536	-0.00765	-0.0205	0.056429	0.06826	0.073424	0.076771	0.045664	0.058837
0.042317	0.017663	-0.0161	-0.01564	0.037355	0.045777	0.07021	0.041371	0.005569	0.032091
0.069732	0.035159	0.006057	0.024393	0.06538	0.046114	0.061087	0.045107	0.029811	0.045751
0.065367	0.072496	0.010496	0.023085	0.058102	0.047767	0.031161	0.031063	0.035938	0.026655
0.034909	0.059746	0.035088	0.008412	0.046095	0.062437	0.020646	0.002476	0.031129	7.01E-04
0.046142	0.045159	9.75E-04	0.037006	0.061028	0.023693	0.025112	0.027512	0.015971	0.01045
0.043265	0.048329	0.02229	0.04081	0.037112	-0.0212	0.010444	0.03374	0.017413	0.026066
0.011731	0.010999	0.024395	0.018055	4.48E-04	-0.03568	-0.01603	0.009717	0.002093	0.012107
0.001526	-0.01903	0.006268	0.002749	-0.01385	-0.02955	-0.00149	-0.00279	-0.03054	-0.01091
0.039248	0.015492	-0.00654	-0.00828	-0.01083	-0.01849	0.004834	0.002286	-0.02055	5.43E-04
0.03346	0.02438	0.009354	0.001982	-7.00E-04	0.010272	-0.00356	-8.02E-04	0.014088	0.007171
-0.02419	-0.0056	0.030426	-0.00303	0.01512	0.024992	-0.01765	0.009091	0.01602	-0.04329
-0.00102	0.027247	0.040098	0.025958	0.061487	0.013996	-0.02888	0.022481	0.030958	-0.04684
0.046602	0.019812	0.040028	0.047846	0.056392	0.016972	-0.03412	-0.00348	0.006103	-0.03057
0.011901	-0.02289	-7.85E-05	0.030892	0.023286	-0.01136	-0.02062	-0.01628	-0.02836	-0.02928
0.040771	0.020098	-0.00258	0.047952	0.035811	-0.01679	0.047365	0.033859	0.009644	0.015505
0.136578	0.098188	0.063016	0.055701	0.055449	0.065933	0.09274	0.065854	0.049831	0.069182
0.114983	0.129378	0.123958	0.047244	0.064824	0.101479	0.069266	0.049509	0.062984	0.064677
0.080024	0.134915	0.09831	0.053917	0.061671	0.069812	0.036987	0.06633	0.081774	0.028003
0.098705	0.165282	0.112896	0.088896	0.084456	0.06584	0.021158	0.059856	0.071139	0.028256
0.108165	0.121565	0.153619	0.139088	0.105179	0.116968	0.064271	0.060253	0.055578	0.027632
0.060628	0.075815	0.14267	0.149965	0.148503	0.149708	0.118631	0.082363	0.079143	0.02397
0.052718	0.095035	0.163873	0.172784	0.162437	0.098447	0.147975	0.143577	0.147435	0.104695
0.068201	0.133229	0.183284	0.17556	0.158791	0.099067	0.180066	0.192559	0.205167	0.211
0.04321	0.076984	0.126128	0.138039	0.153923	0.127131	0.183248	0.164543	0.23795	0.254083
0.03755	0.071983	0.076426	0.095614	0.123432	0.128588	0.206432	0.175571	0.286543	0.263359
0.048557	0.087142	0.079135	0.089423	0.06013	0.101862	0.15395	0.141481	0.216102	0.231279
0.048372	0.07808	0.0786	0.076959	0.056501	0.075242	0.087835	0.122366	0.130647	0.168902
0.048575	0.082471	0.080669	0.059418	0.115935	0.057419	0.075593	0.147756	0.104812	0.117595
0.068356	0.104278	0.106468	0.093186	0.132357	0.091892	0.087527	0.094783	0.049993	0.061492
0.064159	0.069995	0.091936	0.102617	0.105565	0.083671	0.097347	0.055401	0.020714	0.030764
0.050818	0.029736	0.069332	0.075331	0.048192	0.049337	0.085087	0.061085	0.048117	0.07121
0.051413	0.041995	0.029691	0.043945	0.042072	0.091636	0.075274	0.03887	0.05211	0.061966

0.063335	0.041517	0.025543	0.065488	0.071126	0.087459	0.077321	0.025073	0.052164	0.06613
0.048187	0.054811	0.043928	0.023235	0.042247	0.033887	0.02598	0.016232	0.054943	0.052414
0.008129	0.053372	0.033776	-0.0253	0.006814	0.012187	0.001044	0.021422	0.059713	0.031444
0.004923	0.062987	0.061892	0.021396	0.049262	0.067085	0.048737	0.047311	0.070275	0.04769
0.029214	0.057115	0.0707	0.070914	0.047302	0.041139	0.063031	0.060289	0.046587	0.066259
0.032997	0.024533	0.062186	0.07924	0.020636	-0.00762	0.043553	0.042584	0.025391	0.051469
0.039194	0.020115	0.080977	0.071139	0.033721	0.025888	0.045175	0.038251	0.051966	0.059545
0.04493	0.031133	0.04064	0.041422	0.036071	0.015531	0.038051	0.047557	0.059805	0.061984
0.009563	0.023734	-0.00695	0.013149	0.031093	0.011417	0.026348	0.013287	0.017164	0.008331
-0.03049	3.46E-04	0.00176	0.002573	0.027308	0.05298	0.016095	-0.02124	0.018461	0.016984
0.004172	0.040792	0.07816	0.032892	0.029776	0.06729	0.038309	0.018294	0.074857	0.092245
0.050762	0.061224	0.079078	0.045106	0.033635	0.040824	0.036421	0.052516	0.030324	0.081686
0.020376	0.031877	0.009843	0.032259	0.033808	-0.00526	0.022003	0.041822	-0.01731	0.027868
0.019683	-0.01146	5.76E-04	-0.02094	-0.01976	-0.0193	0.040206	0.012088	0.009188	0.062569
0.023925	-0.01687	-0.00103	-0.04987	-0.03173	-0.03398	0.031279	0.020448	0.037187	0.06578
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0.002007	0.028481	0.020648	0.034557	0.024144	-0.05547	0.030113	0.046821	0.038754	0.009219
0.036093	0.042545	-0.01292	0.018436	0.020485	-0.06857	-0.01183	0.021819	-0.00601	-0.02828
0.041625	0.002459	-0.00258	0.024007	0.002063	-0.05659	0.001613	0.017524	-0.03736	-0.01343
0.006884	-0.01657	0.019228	0.024796	-0.00716	-0.02743	0.019623	0.024307	6.68E-04	-0.00481
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-0.01262	0.003462	0.028668	0.029547	-0.03739	-0.05306	-0.04941	-0.03686	-0.01238	0.012237
-0.02248	0.025948	0.006948	-0.00572	-0.06016	-0.06005	-0.06674	-0.05088	-0.02875	-0.04157
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-0.02461	-0.05149	-0.02355	8.77E-05	-0.01793	-0.02783	-0.00802	0.022812	0.004649	-0.02762
-0.03623	-0.03477	-0.02768	-0.04012	-0.06263	-0.08251	-0.0738	-0.01553	-0.00977	-0.05066
-0.03208	-0.02289	-0.03909	-0.04543	-0.05107	-0.07377	-0.06986	-0.03557	-0.05161	-0.05972
-0.02703	-0.02923	-0.04458	-0.00366	0.004633	-0.02822	-0.0029	-0.0088	-0.03219	-0.03079
-0.01914	-0.01148	-0.03915	-0.00533	-0.00862	-0.01806	-0.00463	-0.00535	-0.00498	-0.00447
-0.04274	-0.02997	-0.02794	-0.04567	-0.05038	-0.0296	-0.03636	-0.03911	-0.0272	-0.01271
-0.07646	-0.04578	-0.03221	-0.04898	-0.03479	-0.02758	-0.04162	-0.04379	-0.02835	-0.05365
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-0.0374	-0.03009	-0.05176	-0.06046	-0.05196	-0.06555	-0.05221	-0.07112	-0.05356	-0.05318
-0.05282	-0.05607	-0.06875	-0.05288	-0.0076	-0.03289	-0.03766	-0.03897	-0.01965	-0.01635
-0.06886	-0.06512	-0.04031	-0.01424	-1.47E-05	-0.01251	-0.01128	-0.01101	-0.02703	-0.00917
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-0.06928	-0.05315	-0.04514	-0.06866	-0.08004	-0.07751	-0.0608	-0.07348	-0.05719	-0.05569
-0.0979	-0.08708	-0.0744	-0.09011	-0.11107	-0.10757	-0.06757	-0.05669	-0.06584	-0.05905
-0.09321	-0.07672	-0.07198	-0.08118	-0.07551	-0.05902	-0.05465	-0.03011	-0.06052	-0.04587
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-0.06503	-0.08153	-0.07605	-0.04533	-0.06039	-0.06359	-0.04361	-0.07016	-0.08069	-0.07304
-0.09129	-0.09349	-0.07375	-0.05081	-0.07375	-0.04474	-0.03469	-0.07537	-0.0683	-0.06283
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-0.01296	-0.0201	-0.03553	-0.05213	-0.05259	-0.03295	-0.04534	-0.04173	-0.05153	-0.02256
0.026799	0.001119	-0.01546	-0.03742	-0.02904	-0.01722	-0.01393	5.97E-04	-0.01229	-4.07E-04
0.058467	0.021279	-0.00685	-0.02418	-0.03761	-0.044	-0.03143	-0.00249	-0.00799	-0.02328
0.055752	0.033836	0.059654	0.029717	-0.01951	0.003963	0.014545	0.034012	0.028429	-7.55E-04
0.099307	0.126787	0.167658	0.133372	0.084436	0.090259	0.089612	0.090055	0.051589	0.027446
0.153992	0.197147	0.180689	0.192989	0.173587	0.102165	0.092604	0.122387	0.080543	0.045628
0.175514	0.173907	0.12551	0.20788	0.190212	0.091813	0.137496	0.137706	0.072569	0.086721
0.186599	0.212662	0.165271	0.220176	0.207371	0.134071	0.176551	0.131701	0.079756	0.151282
0.212694	0.229106	0.220445	0.193385	0.208761	0.204684	0.176362	0.149994	0.13896	0.175065
0.260377	0.200069	0.253157	0.22423	0.209638	0.214533	0.216322	0.188778	0.184651	0.244028
0.278701	0.246565	0.29784	0.270795	0.27005	0.269449	0.295913	0.28652	0.279989	0.297402
0.251969	0.290375	0.29708	0.29242	0.328605	0.299099	0.285425	0.340002	0.323166	0.27112
0.255705	0.297716	0.254903	0.316658	0.331093	0.231625	0.263675	0.358777	0.277533	0.255249
0.338108	0.307202	0.269579	0.320893	0.3081	0.246114	0.297253	0.324887	0.272963	0.291075
0.284519	0.313378	0.317635	0.246903	0.261873	0.265021	0.248202	0.214316	0.262647	0.309273
0.2103	0.220819	0.232619	0.215978	0.207756	0.198996	0.236697	0.236352	0.228344	0.317744
0.214316	0.178539	0.212957	0.269316	0.234273	0.231027	0.325907	0.311761	0.287965	0.354742
0.253388	0.294632	0.327899	0.299452	0.285001	0.298021	0.331108	0.270365	0.290263	0.289315
0.231606	0.318269	0.302073	0.281807	0.280051	0.274973	0.239094	0.254225	0.265666	0.192735
0.202826	0.232388	0.209326	0.267842	0.278383	0.23619	0.183488	0.293111	0.296754	0.207055
0.201326	0.217331	0.196975	0.233511	0.237622	0.234052	0.267419	0.311374	0.303312	0.311375
0.158636	0.220632	0.207136	0.237032	0.207242	0.217366	0.287313	0.242549	0.232357	0.309241
0.202115	0.22114	0.178494	0.279171	0.251139	0.237566	0.301237	0.278353	0.245718	0.314434
0.252589	0.208796	0.210723	0.267225	0.247882	0.257134	0.321493	0.296397	0.278623	0.33489
0.22726	0.22181	0.266327	0.200711	0.231738	0.24902	0.269348	0.284911	0.29802	0.265746
0.200119	0.256	0.247818	0.161997	0.232554	0.237015	0.196192	0.295837	0.295807	0.211154
0.217932	0.30002	0.253271	0.197545	0.225503	0.246845	0.211451	0.250821	0.267464	0.271919
0.235682	0.271824	0.294087	0.239396	0.248588	0.255752	0.235233	0.198481	0.230834	0.272541
0.249877	0.244076	0.235436	0.246538	0.260593	0.178042	0.205142	0.237166	0.234706	0.210948
0.276446	0.23047	0.208191	0.316329	0.312857	0.205503	0.240599	0.237112	0.25106	0.211309
0.157969	0.201192	0.282225	0.284857	0.288364	0.29458	0.217334	0.205795	0.256181	0.233441
0.109545	0.168327	0.271393	0.179335	0.228704	0.293262	0.235449	0.224508	0.262851	0.248521
0.123927	0.216775	0.216278	0.162297	0.244006	0.244178	0.220751	0.255497	0.296154	0.231009
0.219738	0.262631	0.236975	0.217914	0.220839	0.209258	0.220437	0.188656	0.251544	0.263417
0.208747	0.184449	0.195371	0.199628	0.114148	0.122707	0.12562	0.181479	0.194201	0.191159
0.154487	0.170251	0.147505	0.151133	0.091897	0.123703	0.098986	0.213467	0.207862	0.187146
0.226035	0.20178	0.180544	0.223007	0.17473	0.192362	0.213996	0.236298	0.204426	0.165622
0.211536	0.202164	0.24143	0.234545	0.143794	0.178042	0.204889	0.172238	0.20573	0.186756
0.091768	0.158397	0.201366	0.134236	0.161719	0.192561	0.167772	0.149772	0.25443	0.212831

0.057107	0.187038	0.191016	0.149158	0.222087	0.213463	0.164632	0.177887	0.241859	0.235668
0.139371	0.220419	0.202356	0.206063	0.139508	0.188061	0.186091	0.185221	0.233585	0.233766
0.187286	0.189693	0.18081	0.15988	0.160887	0.182561	0.180471	0.195115	0.187664	0.181772
0.20338	0.204526	0.170767	0.178712	0.201753	0.177058	0.161034	0.205316	0.184358	0.195383
0.175439	0.198517	0.199923	0.190347	0.186498	0.181857	0.181546	0.195115	0.209126	0.230632
0.120053	0.145777	0.188817	0.160569	0.155426	0.166092	0.162543	0.120992	0.2044	0.200853
0.085061	0.141769	0.185601	0.134712	0.179982	0.192387	0.149394	0.095057	0.21406	0.163287
0.101933	0.184105	0.200682	0.168128	0.205422	0.182804	0.162955	0.156035	0.196452	0.149783
0.118834	0.150458	0.170956	0.14437	0.14466	0.109863	0.096717	0.155517	0.147345	0.147865
0.124103	0.166696	0.139425	0.112402	0.16921	0.129662	0.080797	0.159495	0.142246	0.142228
0.187006	0.227311	0.155372	0.18897	0.221502	0.14937	0.156856	0.203804	0.162664	0.216568
0.16002	0.199457	0.192007	0.20888	0.157873	0.119565	0.167402	0.152021	0.114318	0.208639
0.111464	0.132268	0.171358	0.152913	0.098448	0.128673	0.142693	0.09019	0.100548	0.178632
0.064254	0.110248	0.13368	0.149539	0.111502	0.163295	0.149039	0.107448	0.13361	0.160827
0.094595	0.134805	0.149773	0.19717	0.14929	0.12992	0.177451	0.153765	0.081408	0.125596
0.076757	0.069372	0.133289	0.151313	0.118126	0.104837	0.145172	0.141284	0.097442	0.117886
0.066233	0.105712	0.108081	0.068044	0.112285	0.102831	0.106286	0.137318	0.132678	0.107321
0.098995	0.155673	0.131191	0.070466	0.175636	0.135594	0.108727	0.1105	0.105483	0.047972
0.075378	0.088836	0.083444	0.069775	0.102587	0.086504	0.092312	0.086316	0.091985	0.092969
0.084017	0.038415	0.063145	0.086894	0.024768	0.017071	0.080949	0.075048	0.101716	0.104775
0.069557	0.038204	0.116761	0.09975	0.005811	0.094442	0.120872	0.051205	0.078168	0.109332
0.066426	0.062429	0.121187	0.112588	0.082485	0.094125	0.107858	0.098437	0.057395	0.095408
0.099203	0.106081	0.102188	0.072958	0.071483	0.089278	0.063778	0.062772	0.092518	0.068997
0.022042	0.122758	0.105267	0.052589	0.066772	0.106037	0.064563	0.069106	0.114339	0.049389
-0.00473	0.121246	0.093892	0.042033	0.102789	0.106588	0.106508	0.101367	0.098061	0.053147
0.057673	0.093936	0.079518	0.05684	0.087546	0.078862	0.13769	0.125441	0.082448	0.105279
0.082575	0.076907	0.075457	0.100931	0.075315	0.097427	0.121934	0.068332	0.049223	0.138358
0.059603	0.036941	0.099432	0.104391	-0.01837	0.079474	0.09489	0.068756	0.053949	0.111823
0.102058	0.076792	0.094149	0.093875	0.023218	0.038534	0.060652	0.071788	0.065982	0.082145
0.084499	0.036574	0.039137	0.050175	0.012372	0.051002	0.035139	0.051081	0.085798	0.087533
0.038236	0.020553	0.069182	0.022298	-0.02397	0.101338	0.088897	0.070843	0.084827	0.088677
0.028861	0.044446	0.124362	0.122076	0.080159	0.106445	0.116381	0.119229	0.032898	0.031614
0.053222	0.084107	0.093476	0.111313	0.093219	0.038691	0.022765	0.107347	0.052704	0.034004
0.054007	0.100594	0.046176	0.06547	0.071878	0.008706	0.015262	0.04281	-0.00618	0.084561
0.060001	0.046321	0.048257	0.046147	0.043356	0.010468	0.06334	0.054473	0.051409	0.111121
0.046215	0.02209	0.047669	0.028359	0.06627	0.041894	0.037073	0.054901	0.052254	0.031716
0.023872	0.014144	0.013579	0.001918	0.0194	0.016425	0.0349	-0.0077	-0.02974	0.040958
0.008196	0.007632	0.019779	0.026295	-0.00215	0.027891	0.024478	-0.01263	-0.01153	0.056451
0.023017	0.010389	0.055773	0.021379	-0.00688	0.032922	0.001945	0.032959	0.020764	0.009478
0.024064	0.040263	0.014766	0.018337	-0.01306	-0.01614	-0.03943	-0.01455	0.02534	0.008734
0.0333	0.04616	-0.01596	0.028478	-0.02456	-0.06559	-0.02792	-0.00937	-0.02221	0.011716
0.057748	0.016593	-0.0482	0.018039	-0.05582	-0.04025	0.032992	0.013773	-0.04931	-0.0034
0.0569	0.015308	-0.03375	0.042208	0.019084	0.002517	0.00627	0.015889	-0.0299	-0.03608
-0.01546	0.003074	-0.04091	-0.00204	-0.01339	-0.04462	-0.03767	-0.01024	-0.04123	-0.01704
-0.01584	-0.02597	-0.02594	-0.01602	-0.05706	-0.05402	-0.03534	-0.02042	-0.06603	-0.01341
-0.01463	-0.05238	0.011265	-0.00724	-0.05019	-0.03184	-0.02801	-0.04647	-0.04777	-0.02048
-0.01933	-0.01023	0.009337	0.003837	-0.00313	-0.02857	-0.04554	-0.07391	-0.04635	-0.07441

-0.09654	-0.02634	-0.00115	-0.02961	-0.01138	-0.0113	-0.06163	-0.07665	-0.03788	-0.08808
-0.06261	0.00564	-0.01449	-0.00221	-0.00951	-0.05526	-0.05357	-0.0193	-0.01317	-0.03063
0.034032	0.018686	-0.03073	-0.01998	-0.02918	-0.02883	-0.00837	0.027579	0.013973	0.023552
0.026763	0.02111	-0.03782	-0.03353	-0.06306	-0.05906	-0.0346	-0.02318	-0.02796	-0.01716
-0.02144	0.017144	-0.04994	-0.007	-0.04149	-0.09501	-0.01355	-0.00662	-0.05596	-0.01195
0.010527	-0.04095	-0.03114	-0.03378	-0.0031	-0.0453	0.005121	0.009476	0.002638	0.030424
0.019597	-0.02768	-0.01179	-0.02172	0.016327	0.027177	-0.02421	-0.03659	0.011869	0.009947
-0.02986	-0.01761	0.011641	-0.04676	-0.04281	0.012598	-0.02621	-0.04563	-0.01104	-0.01132
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0.009377	0.068167	0.03094	-0.01114	0.016278	0.009619	-0.01468	0.024873	0.031352	0.041115
0.011782	0.032171	0.047491	-0.003	-0.01996	0.012236	-0.02916	-0.01985	-0.05191	-0.05332
0.022303	2.33E-04	-0.02273	8.83E-04	-0.01404	-0.01251	-0.03221	0.002033	-0.02935	-0.04138
0.037082	0.007108	-0.01228	0.064161	0.034566	0.00939	0.029675	0.083295	0.063132	0.024774
0.045958	0.044589	0.033397	0.061792	0.070919	0.064228	0.062667	0.015433	0.048777	0.02922
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0.024379	0.064999	0.053891	0.00757	0.100673	0.088182	0.025446	0.051152	0.053227	0.004347
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0.032658	0.078349	0.0561	0.015102	0.069682	0.004317	-0.02327	0.065013	0.060556	0.040263
0.133532	0.113409	0.067875	0.050692	0.050944	0.024755	0.067681	0.072122	0.073079	0.09344
0.095851	0.106697	0.092863	0.068509	0.036314	0.069419	0.093287	0.030421	0.067322	0.12229
0.058864	0.071016	0.083425	0.076428	0.048424	0.092385	0.101386	0.035273	0.061419	0.080256
0.024659	0.110974	0.097411	0.040043	0.090246	0.108447	0.089013	0.065196	0.122089	0.096019
0.08484	0.137467	0.105694	0.085228	0.088835	0.071878	0.063942	0.059314	0.083047	0.104352
0.096903	0.089803	0.087991	0.034437	0.053029	0.060452	0.006637	0.038836	0.066931	0.068311
0.106894	0.09016	0.068397	0.048219	0.113257	0.071728	-0.01754	0.10582	0.107031	0.058403
0.137734	0.099764	0.100798	0.125964	0.128375	0.137495	0.099084	0.113309	0.100126	0.057824
0.101745	0.097423	0.132185	0.135384	0.081099	0.131925	0.119314	0.04612	0.047422	0.061273
0.054888	0.122651	0.123195	0.107167	0.070713	0.146075	0.113774	0.028049	0.073287	0.087436
0.063202	0.111223	0.074641	0.104897	0.085328	0.10937	0.081329	0.056923	0.045328	-0.00291
0.064427	0.05899	0.053007	0.070167	0.052759	0.062935	0.072474	0.065232	0.05283	0.025428
0.075968	0.083444	0.036856	0.020713	0.052831	0.037159	0.0342	0.074936	0.051229	0.032159
0.076067	0.055212	-0.02319	0.01451	0.050837	0.019567	0.050468	0.085799	0.020764	0.021618
0.041971	0.035247	-0.01419	-0.00294	-9.44E-05	-4.58E-04	0.055664	0.047733	-0.00153	-0.03079
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0.173932	0.187806	0.200808	0.194229	0.203711	0.17457	0.187326	0.19551	0.214713	0.216385
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0.232339	0.301466	0.339037	0.333785	0.388747	0.4483	0.448759	0.527439	0.600791	0.613787
0.215346	0.313278	0.332779	0.342468	0.414675	0.52341	0.556401	0.636	0.662424	0.682652
0.299313	0.381399	0.498412	0.533453	0.596348	0.646922	0.661568	0.697191	0.713657	0.758683
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0.627161	0.653779	0.653297	0.612287	0.608927	0.574187	0.516754	0.507304	0.48997	0.497794

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0.168806	0.186717	0.120787	0.13253	0.15801	0.14347	0.122456	0.1147	0.084866	0.060363
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0.004318	-0.00325	-0.05246	-0.01964	-0.01495	-0.05124	-0.03172	-0.02034	-0.06768	-0.03383
0.01088	0.009306	-0.00707	-0.01659	-0.02046	-0.02879	-0.04589	-0.02337	-0.05251	-0.04056
-0.01037	-0.0112	-0.00601	-0.03558	-0.04079	-0.0392	-0.05158	-0.03457	-0.05351	-0.05953
-0.02291	-0.04385	-0.03069	-0.02986	-0.02122	-0.00624	-0.0027	-0.03462	-0.03068	-0.0091
-0.0141	-0.03418	-0.03775	-0.00773	0.010944	0.030538	0.006795	-0.00562	0.00469	0.043773
-0.04027	-0.02213	-0.03787	-0.06129	-0.03291	0.018644	-0.03306	-0.01718	-0.00109	-0.01464
-0.04975	-0.01435	-0.03457	-0.0482	-0.02777	-0.00535	-0.04001	-0.03817	-0.00739	-0.04064
0.011994	0.010463	-0.01886	0.031094	0.016334	-0.0123	0.021259	0.008137	0.017618	0.007409
0.00535	0.008996	-0.00316	0.016666	0.011389	-0.02212	0.022632	0.041445	0.035381	0.027691
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0.021457	0.017454	-0.00189	0.019558	0.038744	-0.00812	0.023743	0.037496	0.016222	-0.00364
0.03235	0.013082	0.005006	0.010049	0.028568	0.024293	0.037769	0.038961	0.014179	0.003733
0.029341	-0.001	-0.00918	0.010395	0.004126	0.013451	0.016367	0.021712	0.002483	0.008451
0.017576	-0.0076	0.006233	0.034363	0.025831	0.03296	0.007356	-0.0018	0.001218	0.043628
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0.002571	0.018367	9.93E-04	0.035114	0.032984	-0.00591	-0.00839	0.042776	0.050945	-0.01682
0.048893	0.032917	-0.00516	0.057332	0.04024	0.003183	0.00654	0.03953	0.069047	0.042298
0.011395	0.047811	0.002353	0.038465	0.053595	0.022413	0.011563	0.005564	0.050871	0.079999
0.008726	0.028251	0.02396	0.052392	0.036746	0.020219	0.019348	0.006465	-0.02931	0.046996
0.044635	0.03694	0.057611	0.075652	0.039958	0.00503	0.003123	2.28E-04	-0.0394	0.036752
0.0585	0.027571	0.048122	0.044836	0.050515	-0.00635	-0.01356	-0.0111	0.005882	0.027112
0.054808	0.031459	0.026749	0.018799	0.043212	-0.01367	-0.01918	-0.00655	0.009154	-0.01821
0.079365	0.061157	0.020487	0.054489	0.046866	-0.02121	4.35E-04	0.041464	0.002967	-0.03717
0.064999	0.06649	0.024854	0.046861	0.056148	0.009742	0.007799	0.022877	0.038612	0.006136
0.009156	0.031579	0.038435	0.033352	0.037148	8.88E-04	-0.01318	-0.01172	0.034088	0.021997
0.008329	0.006111	0.054365	0.038236	0.015767	-0.00885	0.012819	-0.00777	0.004171	0.036572
0.021746	0.043247	0.069496	0.037621	0.032326	0.031442	0.073376	0.031611	0.021939	0.043463
0.029982	0.059546	0.050121	0.028504	0.039993	0.058934	0.050474	0.035325	0.031032	0.034978
0.055875	0.046586	0.006379	0.013944	0.016417	0.04632	0.010516	0.031557	0.028156	0.015675
0.091915	0.070706	0.021123	0.057037	0.06625	0.05951	0.040185	0.046905	0.010443	-3.57E-04
0.058148	0.07631	0.070301	0.068476	0.08957	0.064967	0.045708	0.035143	0.011634	-0.00467
0.038874	0.038243	0.034879	0.045695	0.048175	0.034027	0.056512	0.058744	0.037454	-8.84E-04
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0.004563	0.015766	0.037043	0.026545	0.041299	0.010023	0.005336	0.02625	0.041868	0.018455

0.011195	0.024965	-0.00289	0.017186	0.024962	-0.0036	0.019733	0.028376	0.059664	-0.01525
0.083351	0.072735	0.009757	0.061844	0.056093	0.007643	0.03573	0.053248	0.059455	0.023405
0.071349	0.073395	0.033447	0.061621	0.07736	0.034851	0.048356	0.057057	0.051095	0.04228
0.036894	0.019516	0.005555	0.037761	0.051835	0.037297	0.028935	0.005122	0.019799	0.018472
0.046524	0.016477	0.045104	0.057902	0.031841	0.027836	0.009797	0.027517	0.050983	0.047695
0.04097	0.043001	0.065362	0.039612	0.022095	0.012333	-4.35E-04	0.076901	0.076082	0.045474
0.028371	0.064138	0.059307	0.044247	0.069859	0.031112	0.006846	0.047503	0.060712	0.012812
0.043684	0.040825	0.017589	0.073832	0.099398	0.029358	0.021839	0.05285	0.056065	0.027217
0.048368	0.05816	0.020587	0.058234	0.066138	0.046536	0.046583	0.053856	0.039937	0.044157
0.02224	0.069826	0.049192	0.034345	0.052633	0.072193	0.059092	0.015097	0.028263	0.038424
0.017627	0.037408	0.041283	0.041843	0.035122	0.035764	0.048524	-0.00574	-0.01654	0.027182
0.017745	0.035364	0.074899	0.061566	0.023535	0.030851	0.03249	0.013312	-0.00662	0.055854
0.031826	0.043071	0.072914	0.054581	0.054943	0.065193	0.044187	0.046158	0.045885	0.036124
0.020521	0.029136	0.026224	0.010461	0.047708	0.036962	0.012371	0.040229	0.056141	0.02351
0.01507	0.022643	-0.00548	-1.60E-04	0.040187	0.00822	8.30E-05	0.075741	0.072345	0.028748
0.015304	0.033588	0.007173	0.016649	0.04323	0.045097	0.028381	0.075162	0.088221	0.031328
0.017475	0.02167	-0.00227	-0.00132	0.011191	0.033274	0.041159	0.02929	0.042307	0.03202
0.023504	0.008948	-0.0014	0.009801	-0.02727	-0.00793	0.056112	0.006993	2.38E-04	0.068665
0.020793	0.015188	0.02124	0.050794	0.004061	0.008105	0.06009	0.002617	0.0116	0.082505
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0.017374	0.029238	-0.01021	0.010528	0.002668	0.007132	-0.00317	0.024099	0.027962	-0.03351
0.039246	0.04742	-0.01835	0.008073	0.007056	-0.00869	0.016193	0.048346	0.045314	0.002172
0.020369	-0.00568	-0.03057	-0.01103	-7.62E-04	-1.98E-04	0.003848	3.11E-04	-0.00132	0.00872
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0.006862	-7.81E-04	6.25E-04	0.016097	0.032516	-0.00254	0.013406	0.022701	0.023056	0.002388
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0.023111	-0.00988	-0.03753	-0.00486	-0.03861	-0.03945	-0.03819	-0.04782	-0.06807	-0.03526
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0.10063	0.091145	0.063716	0.049889	0.058201	0.069886	0.050136	0.110203	0.132314	0.1019
0.068266	0.07955	0.07579	0.035358	0.03373	0.07436	0.098392	0.141716	0.147204	0.117702
0.083724	0.086455	0.088972	0.082831	0.092464	0.082665	0.126166	0.126975	0.128731	0.14014
0.122152	0.112801	0.1468	0.192143	0.200182	0.148794	0.16289	0.127335	0.157279	0.159564
0.074973	0.124843	0.165248	0.148147	0.192329	0.178485	0.13037	0.110831	0.147973	0.151096
0.086444	0.116264	0.122585	0.086849	0.119239	0.157341	0.095464	0.097065	0.141517	0.130633
0.176814	0.144566	0.09512	0.120707	0.139034	0.1604	0.105437	0.163794	0.184579	0.094969
0.138913	0.165322	0.122458	0.106755	0.14123	0.116532	0.06217	0.138404	0.178034	0.10483
0.068077	0.082989	0.096671	0.098565	0.094277	0.053606	0.043114	0.064602	0.08749	0.081588
0.045984	0.035122	0.062923	0.077941	0.049056	0.041215	0.079522	0.063358	0.043478	0.052509
0.054	0.056233	0.056339	0.041027	0.043727	0.045276	0.076538	0.073014	0.055895	0.04061
0.078588	0.084051	0.079986	0.031319	0.019179	0.036662	0.03195	0.037094	0.045867	0.037219
0.090436	0.092208	0.084243	0.048968	0.036676	0.053185	0.030709	0.047578	0.008782	0.013866
0.098267	0.102513	0.082697	0.093477	0.115219	0.119358	0.089173	0.090466	0.034267	0.047972
0.082019	0.110781	0.092035	0.083964	0.103866	0.119764	0.106591	0.065011	0.047288	0.072488
0.098959	0.096285	0.082061	0.091144	0.05833	0.044576	0.070631	0.027017	0.02523	0.069555
0.124649	0.117828	0.118838	0.11704	0.055856	0.049975	0.083235	0.076301	0.086113	0.095749
0.073109	0.115681	0.144392	0.104965	0.113901	0.117104	0.094964	0.093763	0.113223	0.08609
0.049637	0.095828	0.104915	0.081525	0.110157	0.088503	0.053378	0.024028	0.048417	0.058714
0.123593	0.144078	0.097928	0.094398	0.114089	0.088086	0.029597	0.046886	0.077467	0.090781
0.134363	0.166606	0.13372	0.087914	0.118373	0.123665	0.0849	0.070975	0.11905	0.110473
0.121188	0.108771	0.105362	0.075805	0.09155	0.081863	0.098119	0.061905	0.083996	0.110048
0.139225	0.090321	0.081272	0.104247	0.074432	0.042803	0.076358	0.099631	0.094894	0.120327
0.128967	0.098537	0.095577	0.102304	0.091233	0.056899	0.073198	0.115314	0.121873	0.081767
0.13181	0.138761	0.098607	0.055936	0.080057	0.074245	0.077357	0.10824	0.134727	0.074559
0.15403	0.153593	0.093615	0.080282	0.108483	0.107063	0.075263	0.131606	0.136994	0.071146
0.13078	0.147734	0.125278	0.134749	0.167243	0.162914	0.113467	0.149432	0.145439	0.104033
0.121231	0.125693	0.116851	0.118541	0.157135	0.173579	0.138004	0.101132	0.140279	0.1638
0.144232	0.063972	0.076664	0.116533	0.135177	0.132166	0.129197	0.100265	0.094276	0.133719
0.177667	0.09732	0.121149	0.170172	0.110033	0.126473	0.170256	0.151995	0.105566	0.125317
0.154007	0.174367	0.167142	0.148147	0.119769	0.181796	0.17259	0.1416	0.145671	0.134303
0.11701	0.183628	0.167587	0.09198	0.130183	0.17622	0.108928	0.095432	0.126086	0.131816
0.190639	0.21451	0.170528	0.16406	0.203045	0.157178	0.120388	0.138312	0.125333	0.14279
0.20789	0.227117	0.189198	0.200479	0.225142	0.211094	0.190247	0.20788	0.185442	0.168978
0.189786	0.186898	0.162528	0.177729	0.182237	0.186772	0.190974	0.162329	0.168106	0.159421
0.170603	0.123867	0.150865	0.18832	0.178779	0.122096	0.190714	0.167626	0.092303	0.138412
0.161297	0.132945	0.168785	0.158288	0.166299	0.145453	0.194259	0.163427	0.110114	0.141943
0.163959	0.155663	0.179112	0.123955	0.15129	0.168536	0.122579	0.147897	0.142322	0.133495
0.150625	0.19091	0.148884	0.127098	0.122999	0.147336	0.103288	0.139282	0.113869	0.139525
0.146519	0.184212	0.145706	0.155142	0.123212	0.140054	0.148334	0.164675	0.143197	0.177483
0.096342	0.139068	0.163131	0.18271	0.135397	0.134632	0.152926	0.140439	0.161179	0.177955
0.106077	0.119797	0.116121	0.172876	0.134936	0.099584	0.128005	0.126638	0.115488	0.113419
0.151979	0.11944	0.114645	0.162932	0.165687	0.12231	0.14061	0.13822	0.119312	0.146889
0.155487	0.141621	0.149806	0.132533	0.162475	0.169707	0.131116	0.123105	0.147041	0.175403
0.076709	0.091263	0.107235	0.088862	0.119239	0.1081	0.10548	0.120773	0.112771	0.094128
0.099712	0.117724	0.098928	0.09178	0.109288	0.070285	0.094298	0.125047	0.128285	0.110516

0.152853	0.184529	0.156566	0.093557	0.080617	0.095186	0.091356	0.080318	0.140073	0.133764
0.112348	0.147443	0.122225	0.092219	0.078783	0.063334	0.078318	0.055625	0.062144	0.072644
0.098471	0.111234	0.07505	0.108966	0.095376	0.025442	0.05869	0.066572	0.047214	0.058922
0.108483	0.098637	0.080255	0.071545	0.068257	0.031268	0.047086	0.092599	0.078558	0.07241
0.084117	0.094915	0.100231	0.059545	0.058293	0.064479	0.043298	0.084414	0.11346	0.11727
0.071082	0.101546	0.109548	0.066762	0.087285	0.088741	0.016523	0.069771	0.114797	0.115007
0.067963	0.10415	0.111007	0.064361	0.127459	0.111437	0.040902	0.105794	0.121895	0.098576
0.029341	0.068387	0.048656	0.055734	0.087482	0.114504	0.063233	0.069023	0.105397	0.097873
0.012978	0.021771	-0.03247	0.025895	0.049416	0.037597	0.023196	-0.00734	0.043441	0.056642
0.028077	0.039671	0.011964	0.055679	0.078745	0.046753	0.066049	0.013641	0.050554	0.069633
0.035028	0.047083	0.055414	0.057129	0.081935	0.076035	0.062209	0.051772	0.092467	0.107125
-0.00345	0.014167	0.038539	0.001957	0.001505	0.05456	0.046248	0.027839	0.069903	0.064321
0.017475	0.035243	0.016759	-0.01108	0.018575	0.062698	0.035548	0.040027	0.059341	0.007527
0.032036	0.063953	0.040775	0.029038	0.058275	0.071124	0.04081	0.06398	0.092303	0.058073
0.032926	0.055183	0.045919	0.039135	0.028414	0.034746	0.055503	0.034344	0.044597	0.0409
0.037547	0.039323	0.031334	0.047418	0.015383	-0.00528	0.01809	-0.00118	-0.01349	-0.01112
0.013395	0.003004	0.006023	0.046753	0.020273	-0.02702	-0.00829	0.011689	0.012094	0.01115
-0.04275	-0.03849	-0.02088	-0.00879	4.59E-04	-0.03093	-0.02684	-0.03004	0.014093	0.02344
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-0.0094	0.029562	0.010786	-0.00976	-0.03517	0.013117	-0.00277	0.024738	0.052084	0.041771
0.005596	0.015056	0.018819	0.009917	-0.00198	0.016906	0.011391	0.025129	0.054033	0.022345
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0.013947	-0.01684	-0.01498	-0.00486	-0.02397	-0.00204	0.027667	0.004918	0.011617	0.011235
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0.022291	-0.03721	-0.02771	0.003027	-0.02382	-0.00841	-0.01477	-0.02109	-0.04495	-0.0289
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-0.0192	-0.02287	0.005022	0.004768	-0.0088	-0.00365	-0.00771	-0.03139	-0.01574	0.017801
0.003305	-0.00303	0.003412	-0.03953	-0.05935	-0.0188	-0.03311	-0.04036	-0.00432	0.008467
0.006319	0.03786	0.007043	-0.04885	-0.02283	0.030416	-0.05742	-0.0703	0.011395	0.004
0.014048	0.076101	0.019635	0.013578	0.058753	0.02787	-0.03284	-0.04527	0.021155	0.02648
0.027386	0.042579	0.032501	0.053923	0.069123	0.004441	0.027952	0.007095	0.016687	0.020248
0.030573	0.010757	0.040355	0.03748	0.035314	-0.00447	0.052282	0.042239	-0.01404	0.016463
0.039778	0.020349	0.056865	0.059416	-0.01061	0.014806	0.054307	0.016593	-0.01523	0.032162
0.055231	0.042315	0.065121	0.102243	0.006321	0.021851	0.014166	-0.00111	0.007616	0.036178
0.079385	0.060259	0.069758	0.082538	0.028585	0.019473	0.016314	-0.00746	0.025406	0.036375
0.062691	0.095311	0.074406	0.042465	0.039535	0.074283	0.041914	-0.00506	0.037093	0.029118
0.062541	0.105651	0.069234	0.027403	0.027214	0.099238	0.068785	0.037094	0.044505	0.023649
0.095776	0.09744	0.078532	0.045677	0.031807	0.02756	0.043409	0.071785	0.061303	0.047383
0.09362	0.057795	0.081888	0.096869	0.062411	-0.00607	0.028131	0.018795	-0.02923	0.055422
0.097739	0.028642	0.099008	0.113403	0.047942	0.04402	0.064765	0.003462	-0.04246	0.058412
0.098206	0.063345	0.103436	0.113256	0.048966	0.079522	0.03872	0.02625	-7.89E-04	0.031949
0.100732	0.081833	0.094704	0.111627	0.052107	0.083606	0.019908	0.012482	-1.06E-05	0.017732
0.084452	0.079971	0.114936	0.085551	0.057815	0.108661	0.061938	0.01614	0.048807	0.028342
0.084452	0.076424	0.096432	0.057663	0.08054	0.095872	0.086857	0.048271	0.051318	0.019333
0.066129	0.053522	0.078093	0.064679	0.095256	0.057545	0.055788	0.045934	0.023074	0.003767
0.066696	0.061359	0.076588	0.08328	0.059969	0.019067	0.01919	0.012206	-0.00892	0.004299
0.066828	0.06305	0.065603	0.085002	0.018324	0.009047	0.027114	0.013918	-0.01151	0.032251
0.073224	0.062939	0.059655	0.059971	0.021875	0.019524	0.04232	0.047934	0.006605	0.014804
0.077425	0.048487	0.042055	0.003319	-0.02119	0.001733	0.013268	5.30E-04	-0.02638	-0.01458
0.067206	0.034225	0.048175	-0.00489	-0.02798	0.005079	-0.01616	-0.00942	-0.00445	-0.01071
0.131854	0.075759	0.061084	0.041684	0.019499	-0.00415	6.36E-04	0.027696	0.028263	0.002554
0.142137	0.09274	0.053877	0.064979	0.039394	0.005653	-0.00973	0.014941	0.040774	-0.00154
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0.043989	0.055889	0.055939	0.0496	0.056422	0.036574	0.004997	-0.03788	-0.03451	0.003717
0.056853	0.052694	0.102284	0.070027	0.047816	0.051997	0.052056	-0.00126	-0.02969	0.039128
0.107237	0.090164	0.142617	0.108469	0.086128	0.089836	0.090758	0.053002	0.035831	0.031346
0.086741	0.087369	0.098187	0.078772	0.096659	0.073496	0.049911	0.035234	0.05229	-0.00549
0.050091	0.078977	0.040162	0.045427	0.06117	0.046807	0.036021	0.042221	0.041303	0.012897
0.068304	0.084573	0.052687	0.069099	0.065128	0.044325	0.059456	0.059397	0.052215	0.04339
0.072056	0.092839	0.066735	0.045373	0.086069	0.07411	0.052773	0.04139	0.044579	0.037165
0.059186	0.054966	0.033619	0.011255	0.063005	0.077601	0.037478	0.029164	0.013152	0.035658
0.077444	0.037269	0.043146	0.04062	0.057577	0.062436	0.054762	0.066318	0.040046	0.089969
0.072247	0.08735	0.077368	0.064062	0.04649	0.049576	0.064901	0.070146	0.058297	0.097563
0.050182	0.088598	0.04599	0.025758	0.045169	0.0415	0.017306	0.041002	0.08023	0.047383
0.052992	0.068276	0.037217	0.023522	0.05456	0.024071	4.85E-04	0.044798	0.079652	0.042917
0.091975	0.102191	0.059984	0.10787	0.085853	0.039615	0.045541	0.05304	0.074445	0.068144
0.123808	0.136836	0.097788	0.106384	0.108215	0.079425	0.039819	0.043183	0.076655	0.070485
0.050364	0.057614	0.072537	0.02557	0.065932	0.040485	0.019015	0.014438	0.003836	0.035963
0.014315	0.007665	0.044521	0.00627	0.042662	0.037103	0.053265	0.039732	-0.02344	0.046464
0.020165	0.02355	0.038243	0.034258	0.056752	0.044863	0.077517	0.069515	0.027238	0.045309
0.011262	0.013673	0.008374	0.038395	0.066624	0.043912	0.014217	0.015636	0.043368	0.014821
0.019758	0.003743	-0.01644	0.00578	0.039958	0.041144	-0.02546	-0.00438	0.035183	0.012846
0.0529	0.008379	-0.01559	0.024681	0.027882	0.024088	-0.01266	-0.01425	0.017169	0.011049
0.060022	0.04286	-0.0011	0.005437	0.017537	-0.00384	-0.02854	-0.05853	-0.01451	-0.0062
-0.00775	-3.31E-05	-0.02001	-0.03702	-0.01478	-0.04943	-0.03286	-0.04144	-0.03477	-0.02754
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-0.02543	-0.0227	0.008211	-0.00802	-0.00458	-0.01168	0.00576	0.031827	0.020494	0.0338
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0.002033	0.048594	-0.00283	-0.02064	0.036658	0.013418	-0.00807	-0.02436	-0.00102	0.017784
-0.00667	0.02713	-0.00181	-0.01713	0.008955	0.010737	-0.00115	-0.06125	-0.00858	0.015658
0.001822	0.015782	-0.01974	-0.00236	-0.00939	-0.04189	-0.02282	-0.04312	-0.01962	-0.02193
0.029445	0.027707	-0.00601	0.013578	-0.00713	-0.03183	0.009677	-0.02114	-0.00864	-0.01012
0.058518	0.028268	-0.00403	-0.00835	0.009381	0.023028	0.031104	-0.01498	0.01252	0.003102
0.012127	0.003855	-0.00157	-0.05607	0.008364	0.027853	0.004152	-0.01061	0.004104	-0.03185
0.001724	0.018101	0.026173	-0.02199	0.039465	0.027163	0.001945	0.011018	-0.00168	-0.04322
0.024891	0.05464	0.061304	0.037709	0.053414	0.043626	0.020925	0.003936	2.38E-04	-0.03553
0.032507	0.043828	0.031283	0.018665	0.018995	0.025408	-0.00899	-0.01532	0.010121	-0.03933
0.057333	0.044604	0.007497	0.021281	0.017369	0.028095	-0.00267	0.006652	0.011991	0.013237
0.141957	0.091145	0.05652	0.075863	0.06655	0.088344	0.049236	0.029128	0.039846	0.060152
0.168091	0.134202	0.10457	0.116786	0.069444	0.064479	0.065018	0.015914	0.026109	0.077744
0.166662	0.152211	0.138738	0.118986	0.0419	0.025356	0.056778	0.007761	0.024685	0.052248
0.169716	0.18975	0.207702	0.127012	0.075386	0.060812	0.073634	0.070008	0.107536	0.082724
0.186861	0.239853	0.279196	0.197115	0.109867	0.100972	0.112425	0.107251	0.084862	0.06797
0.190891	0.221961	0.216116	0.167389	0.123426	0.12457	0.11801	0.101937	0.059797	0.010389
0.165071	0.202893	0.129296	0.115985	0.174868	0.145249	0.111386	0.164234	0.141839	0.063461
0.157136	0.177232	0.080677	0.125847	0.200105	0.20151	0.145191	0.17259	0.228775	0.234567
0.105271	0.093292	0.091779	0.120111	0.105338	0.148133	0.144677	0.123863	0.16589	0.247351
0.055636	0.025252	0.049085	0.06326	0.048768	0.102917	0.108305	0.096646	0.135519	0.173702
0.020997	0.038852	0.06603	0.032969	0.062318	0.110308	0.098455	0.097065	0.149467	0.151423

0.039725	0.054749	0.105585	0.07069	0.053613	0.069087	0.08285	0.06583	0.08577	0.088389
0.057648	0.045381	0.079775	0.071355	0.040716	0.02419	0.02594	0.008017	0.03048	0.019006
0.037141	0.085018	0.082369	0.066254	0.047081	0.041536	0.030637	0.037002	0.052252	0.019661
0.038768	0.088012	0.090167	0.073718	0.050768	0.066305	0.069511	0.089249	0.103646	0.076326
0.057574	0.029613	0.043709	0.05427	0.024129	0.036609	0.059571	0.072895	0.066856	0.073757
0.053248	0.007211	0.008406	0.017908	-0.01208	0.016485	0.042025	0.015305	0.042471	0.054187
0.016632	0.032986	0.063919	0.011569	0.013655	0.047403	0.032382	0.007829	0.077744	0.073347
0.02161	0.050756	0.102708	0.05152	0.067393	0.073803	0.046378	0.036509	0.047529	0.072469
0.007273	0.049218	0.059143	0.04652	0.055874	0.020949	0.028863	0.021342	0.024826	0.02508
0.002815	0.058141	0.057593	0.034293	0.06217	0.009278	0.030906	0.026339	0.051206	0.020214
0.071597	0.110699	0.106013	0.060712	0.085012	0.048433	0.037332	0.033618	0.026338	0.042826
0.090556	0.103604	0.089089	0.04591	0.038393	0.037809	-0.00245	5.30E-04	0.006083	0.014599
0.062728	0.062792	0.040337	0.025946	0.018139	0.014421	0.012354	0.016924	0.008613	0.010609
0.049492	0.017023	0.026292	0.036988	0.019667	0.019337	0.047814	0.041944	0.012588	0.015163
0.034256	0.007373	0.037426	0.035166	-0.03196	-0.01467	0.013578	0.053173	0.008106	-0.03191
7.98E-04	0.003935	-0.00346	-0.01319	-0.08955	-0.04131	-0.04627	-0.00612	0.01114	-0.02594
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0.006565	-0.00953	3.38E-04	0.016181	0.016985	-0.03216	-0.02746	-0.02047	-0.01631	0.024137
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0.008197	0.018068	0.01221	0.025176	0.03046	-0.03336	0.021171	0.033799	8.36E-04	7.98E-04
0.083116	0.061395	0.049299	0.05385	0.051057	0.026715	0.049255	0.039622	0.019452	0.04119
0.157252	0.127484	0.111687	0.082889	0.077149	0.081218	0.07407	0.065225	0.050312	0.082265
0.146882	0.081199	0.1483	0.110939	0.090064	0.108453	0.092762	0.076201	0.046697	0.105966
0.148499	0.020099	0.194654	0.154037	0.12015	0.159604	0.170702	0.116299	0.110499	0.16786
0.238574	0.176657	0.27183	0.229709	0.204046	0.212069	0.221083	0.208693	0.263451	0.239836
0.276464	0.311219	0.24322	0.260051	0.255313	0.2177	0.233021	0.301	0.292924	0.230847
0.304119	0.292857	0.206238	0.320698	0.323861	0.236524	0.267209	0.334171	0.276854	0.21728
0.338326	0.33519	0.302906	0.36053	0.325966	0.2658	0.288689	0.310291	0.29846	0.231689
0.301354	0.338303	0.343705	0.322524	0.286429	0.253404	0.271783	0.279566	0.284288	0.285478
0.299219	0.243549	0.335792	0.345733	0.305228	0.257546	0.344086	0.293748	0.277011	0.347655
0.322415	0.239189	0.34223	0.361011	0.378975	0.391089	0.410343	0.324858	0.304702	0.310942
0.266206	0.292513	0.28561	0.307669	0.341772	0.400314	0.351427	0.324185	0.30631	0.268285
0.254144	0.333882	0.216746	0.279249	0.333763	0.278068	0.273822	0.299026	0.268099	0.221792
0.33233	0.344316	0.233422	0.304082	0.359644	0.261254	0.302401	0.328845	0.318772	0.276532
0.300933	0.325408	0.3015	0.301783	0.304936	0.321321	0.332276	0.273447	0.331211	0.342579
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0.31744	0.322386	0.343142	0.268465	0.281608	0.287101	0.304184	0.32316	0.37082	0.268591
0.237425	0.298934	0.283309	0.225597	0.253091	0.260958	0.171819	0.274266	0.361955	0.279567
0.25847	0.305097	0.264557	0.256922	0.323725	0.30487	0.195937	0.313041	0.356872	0.303812
0.269629	0.289649	0.278257	0.27449	0.258099	0.312053	0.278371	0.240214	0.25107	0.291633
0.261152	0.253401	0.209842	0.254453	0.173955	0.213285	0.272315	0.243669	0.184858	0.205631
0.2953	0.208469	0.164782	0.291693	0.208776	0.199967	0.273256	0.269685	0.186638	0.257617
0.233219	0.216157	0.230025	0.239477	0.238154	0.261106	0.23644	0.229982	0.26531	0.344434
0.196305	0.266002	0.289909	0.202479	0.244344	0.296007	0.230767	0.208286	0.267147	0.234454
0.20295	0.292295	0.299271	0.227634	0.288579	0.270303	0.215771	0.262626	0.279781	0.208874
0.196687	0.191999	0.243108	0.222787	0.247344	0.253695	0.247509	0.237046	0.240241	0.280636
0.180285	0.066824	0.204958	0.20817	0.193908	0.221352	0.247865	0.179432	0.170481	0.189181
0.237481	0.20391	0.174775	0.212041	0.213296	0.216446	0.217728	0.259475	0.202651	0.146588
0.26198	0.234872	0.148457	0.22241	0.225034	0.19948	0.211966	0.273163	0.207329	0.147815
0.212675	0.227064	0.253129	0.201657	0.204947	0.188218	0.205257	0.199886	0.234228	0.213056
0.196534	0.241128	0.279651	0.195165	0.212404	0.254392	0.199922	0.165092	0.262085	0.238863
0.190087	0.23258	0.208294	0.14017	0.221407	0.246464	0.22217	0.217598	0.260753	0.227436

0.186065	0.182147	0.224162	0.166963	0.18432	0.140165	0.214727	0.1929	0.167643	0.191585
0.157695	0.139925	0.179932	0.196278	0.199062	0.087175	0.152236	0.197739	0.152354	0.182577
0.202356	0.181857	0.152719	0.177947	0.245558	0.133926	0.175112	0.243404	0.236423	0.256514
0.216472	0.208469	0.218324	0.204746	0.229891	0.197587	0.210496	0.212479	0.243772	0.251717
0.182031	0.218417	0.215697	0.192067	0.202763	0.197306	0.176341	0.154526	0.227066	0.203359
0.128945	0.201117	0.230268	0.167627	0.221273	0.250079	0.139386	0.189461	0.240644	0.214324
0.117307	0.147555	0.208242	0.208274	0.184615	0.215886	0.188203	0.196761	0.099352	0.21276
0.104611	0.07631	0.139749	0.183176	0.158267	0.171699	0.210904	0.15905	0.082069	0.145595
0.164006	0.136661	0.09693	0.122713	0.204149	0.100502	0.101361	0.151044	0.128464	0.127436
0.184105	0.195259	0.164712	0.183127	0.210991	0.119593	0.136169	0.157216	0.141471	0.20047
0.168974	0.171307	0.188508	0.199304	0.142277	0.160212	0.185656	0.168837	0.161275	0.194337
0.135845	0.131045	0.155949	0.17254	0.105276	0.110036	0.130393	0.115839	0.185645	0.15485
0.101919	0.146125	0.116705	0.148827	0.130768	0.127471	0.105288	0.086211	0.166401	0.16893
0.104096	0.146147	0.13007	0.169266	0.145321	0.152989	0.186606	0.110701	0.109708	0.143639
0.107943	0.086921	0.102567	0.171151	0.157804	0.1152	0.112317	0.141995	0.152825	0.116795
0.111446	0.125247	0.101115	0.113591	0.171372	0.1106	0.095881	0.186461	0.169966	0.096552
0.121273	0.1392	0.107542	0.106982	0.137421	0.125174	0.130799	0.139351	0.132202	0.146334
0.063796	0.066193	0.078074	0.114052	0.080985	0.105037	0.153974	0.103574	0.116268	0.128277
0.050728	0.050988	0.105382	0.13009	0.054888	0.144662	0.174636	0.086395	0.088323	0.101192
0.015909	0.06727	0.144948	0.094678	0.046204	0.136668	0.124581	0.110484	0.155829	0.153297
0.117307	0.128061	0.119362	0.120303	0.074012	0.023181	0.088762	0.132607	0.133868	0.114169
0.096079	0.085173	0.086397	0.106178	0.125802	0.052746	0.045485	0.026357	0.088892	0.090679
0.052571	0.088989	0.089951	0.075786	0.131682	0.121217	0.074825	0.051847	0.126374	0.106218
0.073742	0.131369	0.130393	0.086141	0.032915	0.081276	0.161359	0.155941	0.120645	0.132688
0.098349	0.08529	0.067666	0.124771	0.078186	0.096641	0.175814	0.125293	0.048065	0.140299
0.080827	0.032574	0.048639	0.1333	0.088111	0.126234	0.148146	0.098557	0.110691	0.190561
0.104817	0.07978	0.151881	0.134991	0.115995	0.199864	0.216624	0.146155	0.143312	0.177558
0.114515	0.092011	0.094288	0.064455	0.090975	0.119849	0.134319	0.142042	0.123346	0.085628
0.084767	0.067828	0.087	0.052702	0.029204	0.045276	-0.03669	0.072102	0.141494	0.073738
0.020538	0.051347	0.123241	0.073316	0.033783	0.102302	0.002685	0.05454	0.117657	0.039236
0.048676	0.086668	0.103031	0.073928	0.110095	0.058767	-0.00537	0.029739	0.058828	0.042044
0.015388	0.057177	0.041406	0.01283	0.064121	0.003868	0.005827	0.01757	0.001418	-0.011
0.052535	0.048648	0.008845	0.012647	0.037656	0.001457	0.053852	0.0125	-0.02421	0.038695
0.085772	0.042034	0.033378	0.012846	0.014718	0.004932	0.067395	0.034943	0.038268	0.114255
0.108421	0.07612	0.06272	0.067646	0.069048	0.048796	0.048562	0.033672	0.021956	0.028202
0.051658	0.010006	0.021742	0.00763	0.020593	0.008914	-0.00135	-0.0227	-0.01138	-0.00653
0.073454	0.030637	0.006136	0.001924	-0.01357	0.009195	-0.00697	-0.01679	0.035957	0.054729
0.038148	0.027249	0.026359	0.017069	0.0027	-0.00386	-0.01291	0.016454	0.043478	0.036859
-0.03052	0.025894	0.030957	0.01411	0.023789	-0.02677	-0.06085	0.003699	0.025916	-0.02264
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0.01083	-0.01469	-0.06234	0.040744	-0.05156	-0.03398	0.024663	0.025556	-0.02698	-0.00226
0.023248	0.004998	-0.02609	0.028022	0.004645	-0.00904	0.006167	-0.01938	-0.02688	-0.0265
-0.01867	-0.01565	-0.03348	-0.03405	-0.04173	-0.06595	-0.03308	-0.0384	-0.06906	-0.03191
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0.025132	0.010577	-0.05692	-0.03289	-0.04425	-0.01575	-0.05467	-0.01909	-0.01237	-0.06622
0.018268	-0.0088	-0.03106	-0.03983	-0.05552	-0.04724	-0.07092	-0.06993	-0.05868	-0.08464
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0.018302	-0.06485	-0.08435	-0.00788	-0.07534	-0.13083	-0.03715	-0.03986	-0.04118	-0.04791
0.021967	-0.02506	-0.00254	-0.01359	-0.02806	-0.02052	-0.03812	-0.02722	-0.00448	0.002421
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0.031234	0.064064	0.028448	0.018294	0.048067	0.041251	8.03E-04	0.020743	0.056122	0.043956
0.008974	0.012245	-0.01963	-0.00109	-0.11691	-0.00235	0.005353	0.001842	0.011838	0.010863
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0.013295	4.29E-04	0.011064	0.020317	0.012628	-0.00647	-0.00272	0.011052	0.030943	0.038821
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0.016195	0.07557	0.054419	0.03283	0.067093	0.042785	-0.0213	0.005037	-0.00242	0.031311
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0.03066	0.0433	0.047659	0.02218	0.035349	0.008534	-0.03786	0.058955	0.047677	-0.01766
0.096241	0.071025	0.053534	-0.01205	0.06217	0.066682	0.069471	0.075202	0.064427	0.045144
0.105168	0.093292	0.088424	-0.02621	0.008758	0.038711	0.094901	-0.03774	0.002717	0.045877
0.073704	0.097599	0.112822	0.089892	0.004012	0.059324	0.068021	-0.03543	0.042965	0.075991
0.048676	0.12497	0.11212	0.038377	0.039729	0.099605	0.074785	0.025289	0.077863	0.094292
0.06127	0.074737	0.06789	0.053832	0.071618	0.062978	0.055655	0.001505	-0.00437	0.059338
0.050783	0.029681	0.06972	0.048914	0.084329	0.034974	-9.37E-04	0.008975	0.030125	0.018644
0.05133	0.089282	0.054545	0.044443	0.060541	0.050703	0.01158	0.045487	0.040975	0.024277
0.097253	0.121817	0.059307	0.087973	0.072965	0.085693	0.078919	-0.02625	0.018171	0.04718
0.090236	0.07298	0.092883	0.103141	0.003396	0.055755	0.09049	-0.00128	0.055669	0.099861
0.089579	0.058633	0.088874	0.076959	-0.01891	0.073112	0.09726	-0.02125	0.066509	0.102213
0.007323	0.063843	0.090089	0.099781	0.040469	0.085929	0.098371	0.074226	0.067495	0.079384
0.039619	0.055418	0.025801	0.052956	0.059084	0.041162	0.004203	0.003428	0.075766	0.069033
0.005055	0.050612	0.038888	0.002394	0.033522	0.050284	-0.01875	-0.01541	0.089482	0.019471
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0.026128	0.025809	0.04095	0.066611	0.065801	0.082861	0.067239	0.080217	0.075056	0.062488
0.100794	0.092168	0.046131	0.078482	0.093061	0.07675	0.067884	0.105516	0.125798	0.127126
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0.139426	0.188887	0.195179	0.152935	0.201304	0.214053	0.223904	0.237046	0.206662	0.261696
0.230567	0.194984	0.190605	0.22155	0.23938	0.225034	0.263111	0.254443	0.177885	0.248402
0.302523	0.230219	0.231245	0.298532	0.296872	0.282546	0.306347	0.278545	0.246191	0.324483
0.373924	0.301351	0.348764	0.376884	0.360934	0.392087	0.375138	0.358062	0.385794	0.417647
0.501834	0.495146	0.491295	0.484097	0.513866	0.524388	0.473269	0.473362	0.50313	0.498001
0.627783	0.659012	0.635554	0.614984	0.641515	0.605516	0.581467	0.569272	0.599264	0.625435
0.720311	0.715576	0.701162	0.703074	0.685403	0.648159	0.651027	0.674737	0.651284	0.673541
0.739623	0.755417	0.727673	0.734718	0.722452	0.677203	0.689544	0.697702	0.696902	0.676664
0.726912	0.777179	0.744959	0.72451	0.711068	0.701679	0.691924	0.646933	0.668481	0.623351
0.722443	0.714667	0.725295	0.686233	0.658674	0.677743	0.625638	0.601684	0.591817	0.540115
0.649856	0.638092	0.642988	0.621208	0.57374	0.541684	0.50079	0.488644	0.476652	0.444388
0.462322	0.462619	0.449313	0.432701	0.428456	0.387241	0.348207	0.354747	0.365556	0.342688

0.273839	0.304422	0.292371	0.283347	0.285964	0.270032	0.244855	0.23934	0.239751	0.226101
0.137999	0.197914	0.194529	0.174898	0.192579	0.171915	0.15603	0.140602	0.110413	0.066949
0.084413	0.070743	0.059472	0.038307	0.070331	0.053533	0.031788	0.024135	-0.02946	-0.09726
-9.03E-04	-0.0482	-0.05872	-0.06622	-0.0365	-0.03756	-0.04648	-0.07882	-0.14197	-0.11238
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-0.02042	-0.06705	-0.0816	-0.10492	-0.08627	-0.12173	-0.12208	-0.06681	-0.05135	-0.04888
0.453349	0.266914	0.164107	0.153532	0.13179	0.034974	0.035403	0.080803	0.143866	0.150512
2.48E-05	1.24E-05	6.20E-06	0.065898	1.769462	1.038201	1.0949	1.536167	0.040401	0.020201
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0.717726	0.722947	0.719758	0.852278	0.98304	1.020415	0.771118	0.769692	0.77232	0.828061
0.23393	0.225617	0.247723	0.272953	0.26155	0.239132	0.229368	0.242094	0.216639	0.235212
0.090294	0.061138	0.093337	0.104661	0.084552	0.022653	0.038224	0.089856	0.036168	0.046688
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0.010309	0.002683	0.052861	0.034124	-5.88E-04	-0.00817	0.037488	-0.02436	-0.04255	-0.01936
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0.018587	0.014822	0.011703	0.012355	0.009649	-0.04383	-0.00787	-0.00793	-0.01662	-0.00829
0.044018	0.02796	-0.0014	-0.00527	0.005356	-0.02268	-0.02451	-0.00166	0.005113	0.009938
0.01241	0.002458	-0.00977	-0.04069	-0.01971	-0.02732	-0.01119	-0.01969	-0.02431	-0.00405
0.001924	-0.00103	0.007704	-0.02007	-0.00966	0.001078	0.006178	-0.00375	-0.03347	-0.004
0.01649	0.025589	0.031683	0.021007	0.016673	0.009721	-0.01658	0.01537	-0.00723	-0.01248
0.005956	0.045067	0.020081	-0.00167	0.001236	-0.01866	-0.04842	-0.01233	0.003876	-0.02644
0.009329	0.0253	-0.00344	0.006323	0.022202	-0.02449	-0.03127	-0.01491	0.008829	-0.02035
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0.031003	0.036822	0.038336	-0.02153	0.013392	0.005178	0.018734	0.007282	0.01314	0.008401
0.001761	0.001057	0.022809	-0.01019	-0.02195	-0.02501	0.014813	0.01828	-6.29E-05	0.005563
0.035087	0.032843	0.039721	0.018607	-0.00849	0.007744	0.059788	0.046898	-0.0047	0.010879
0.06114	0.069393	0.06615	0.01966	0.020615	0.045539	0.052879	0.071045	0.013567	0.007073
0.039886	0.054235	0.055257	0.010118	0.015633	0.02747	-0.02152	0.031735	5.66E-04	-0.03164
0.04427	0.059039	0.025469	0.026279	0.034204	0.028977	-0.02736	0.032763	0.014165	-0.01805
0.064802	0.069205	0.012098	0.044503	0.068822	0.014141	0.002191	0.049211	0.017942	0.013028
0.06129	0.065125	0.022286	0.038526	0.054832	0.003288	0.008775	0.024604	-0.00519	-0.01515
0.066843	0.051067	0.040864	0.034951	0.035093	9.62E-04	0.021779	0.019176	0.003192	0.011738
0.039796	0.015486	0.04194	0.038331	0.036109	0.039762	0.065463	0.057333	0.041506	0.062055
0.014437	0.005402	0.035353	0.066036	0.048654	0.059112	0.085656	0.082632	0.056133	0.051593
0.01947	0.038991	0.050262	0.065241	0.011449	0.019362	0.044493	0.088782	0.084896	0.048031
0.037985	0.049429	0.022438	0.05221	0.021874	0.018402	0.041638	0.096877	0.081689	0.030697
0.053357	0.03787	-0.01058	0.039487	0.057073	0.03167	0.046329	0.066967	0.059631	0.036222
0.036127	0.030722	-0.01049	0.024503	0.055932	-0.04405	-0.00923	0.038914	0.0328	0.033288
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0.018384	0.019174	0.049041	0.030096	0.010573	0.034753	0.041957	0.02901	0.009303	0.0116
0.04535	0.022944	0.026558	0.001401	-0.00866	0.044137	0.00994	0.029876	0.060144	-0.01064
0.071395	0.032118	2.96E-04	0.019831	0.018776	0.032395	0.015112	0.025273	0.033801	0.023296
0.039298	0.041013	0.032615	0.022529	0.042417	0.052948	0.050781	0.043558	0.036528	0.059478
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0.055271	-0.01169	0.016371	-0.00128	0.029697	3.38E-04	0.070533	0.042254	2.68E-04	0.029926
0.063089	0.02685	0.038669	0.043099	0.062083	0.025046	0.100231	0.083102	0.025299	0.059229
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0.03521	0.039764	0.035318	0.022974	0.036216	0.05036	0.057858	0.065233	0.035413	0.014425
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0.023789	0.058415	0.014329	0.035692	0.046437	0.030066	0.018533	0.049265	0.075502	0.073566
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0.064123	0.068885	0.01727	0.113081	0.107785	0.042776	0.046239	0.069694	0.055719	0.022679
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0.045296	0.045851	0.018222	0.001205	0.064362	0.072424	0.099706	0.06725	0.041215	0.051386
0.075801	0.067272	0.050532	0.033772	0.049868	0.063422	0.06942	0.04345	8.48E-04	0.069977
0.065028	0.092912	0.066579	0.082238	0.071872	0.059112	0.057803	0.055877	0.04147	0.07094
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0.075241	0.08199	0.033289	0.076867	0.060948	0.062226	0.07144	0.091331	0.074814	0.053045
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0.060897	0.022657	0.020837	0.052283	0.033228	0.031335	0.080446	0.076105	0.033515	0.05644
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0.045386	0.042337	0.013567	0.045206	0.05066	0.008966	0.043108	0.055638	0.010827	0.020465
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-0.04247	-0.03448	-0.02417	-0.04305	-0.04658	-0.05282	-0.05439	-0.05576	-0.07484	-0.0624
-0.04565	-0.02676	-0.03025	-0.06138	-0.06676	-0.06603	-0.06952	-0.06756	-0.05449	-0.08134
-0.02309	-0.04225	-0.05489	-0.06842	-0.07609	-0.07854	-0.06476	-0.05437	-0.05011	-0.08718
-0.0031	-0.03283	-0.05238	-0.04759	-0.05088	-0.07215	-0.07184	-0.0643	-0.06734	-0.10327
-0.0086	-0.02117	-0.07101	-0.06888	-0.05662	-0.05492	-0.07382	-0.06333	-0.07647	-0.09922
-0.01521	-0.05608	-0.08601	-0.09034	-0.07155	-0.05625	-0.0406	-0.04476	-0.09267	-0.07756
0.002594	-0.04222	-0.0499	-0.08908	-0.04246	-0.03636	-0.0134	-0.04706	-0.09295	-0.06129
-0.01708	-0.03291	-0.03959	-0.0863	-0.04834	-0.02554	-0.03105	-0.06377	-0.07302	-0.06131
-0.02931	-0.03603	-0.04704	-0.06586	-0.0644	-0.04272	-0.06315	-0.04812	-0.04526	-0.06531
0.008765	-0.01338	-0.05123	-0.04133	-0.0187	-0.02484	-0.04483	-0.02847	-0.07117	-0.07363
0.009561	0.001958	-0.05883	-0.01764	-0.00447	-0.012	-0.04818	-0.05897	-0.08929	-0.07029
0.006995	0.012588	-0.04554	-0.01151	-0.01161	-0.02014	-0.04395	-0.04248	-0.06783	-0.05987
0.028863	0.048138	0.025996	0.030672	0.017082	-9.91E-04	0.003969	-0.0161	-0.02035	-0.01146
0.01333	0.048998	0.066411	0.048503	0.025097	0.009687	-0.00891	-0.01352	0.01562	0.018436
1.66E-04	0.014507	0.053133	0.035357	0.028188	0.021685	-0.02906	-0.00746	0.011761	-8.58E-04

0.051945	0.040379	0.038529	0.069896	0.090073	0.064944	0.003338	0.055454	0.037375	-0.0175
0.0951	0.07798	0.122234	0.133072	0.166101	0.14656	0.077251	0.132895	0.080393	0.02812
0.119339	0.111993	0.172569	0.158362	0.153037	0.120792	0.085226	0.13658	0.113417	0.06665
0.167494	0.164725	0.14949	0.182286	0.149988	0.085217	0.080852	0.109914	0.062469	0.04818
0.134591	0.141416	0.122744	0.158667	0.144618	0.113867	0.132046	0.09147	0.04553	0.049209
0.101003	0.101719	0.121131	0.11287	0.104577	0.124669	0.133048	0.075277	0.071894	0.070586
0.100553	0.093568	0.108645	0.075568	0.069843	0.096365	0.070646	0.063863	0.036744	0.04483
0.089854	0.095342	0.063063	0.07112	0.068995	0.086457	0.043835	0.062198	0.032854	0.016053
0.069351	0.088998	0.041905	0.073637	0.056848	0.074718	0.029545	0.034669	0.028697	0.003418
0.072468	0.073874	0.029447	0.062716	0.020494	0.039582	0.038277	0.043271	0.017253	-0.00659
0.06043	0.063674	0.064883	0.076964	0.030982	0.03978	0.048818	0.045296	0.029635	0.003553
0.032279	0.068341	0.093396	0.055357	0.006871	0.033244	0.060508	0.04163	0.037267	0.022221
0.031876	0.077348	0.075908	-0.01584	-0.03107	0.038379	0.044493	0.035178	0.032568	0.025116
0.059368	0.087819	0.046929	-0.02356	0.021235	0.043121	3.55E-04	0.039197	0.040488	0.006021
0.044522	0.042867	0.030684	0.004315	0.032006	0.051819	0.018533	0.020887	0.019895	-0.00579
0.040705	0.011912	-0.01166	-0.00565	0.025759	0.079128	0.031457	-0.00208	-0.00347	-0.00999
0.083922	0.04393	-0.00514	0.04188	0.081511	0.05716	0.024369	0.024125	0.028079	0.018402
0.095181	0.098871	0.082602	0.084701	0.062159	0.047823	0.064233	0.060818	0.061152	0.05684
0.052421	0.10373	0.120221	0.053109	-0.01099	0.05716	0.064289	0.055582	0.056322	0.074379
0.040902	0.097304	0.085617	0.041164	0.026596	0.077104	0.050258	0.068726	0.077219	0.060938
0.059721	0.104158	0.111122	0.101218	0.132309	0.143991	0.100859	0.111521	0.104002	0.036077
0.041813	0.095582	0.134205	0.138631	0.128849	0.155016	0.140194	0.115029	0.103036	0.065618
0.103449	0.104341	0.088614	0.123869	0.075335	0.087741	0.095005	0.110393	0.091383	0.078125
0.143879	0.127906	0.104446	0.134555	0.073873	0.076516	0.10852	0.141864	0.108737	0.080816
0.113267	0.163321	0.150803	0.093446	0.097018	0.110297	0.138027	0.149833	0.127058	0.09154
0.097675	0.138539	0.130033	0.035922	0.086652	0.09024	0.121427	0.113429	0.114687	0.093091
0.113436	0.126295	0.111494	0.052467	0.106671	0.083981	0.108149	0.122967	0.137514	0.096543
0.139401	0.166015	0.162411	0.122681	0.134765	0.123904	0.135563	0.147122	0.155813	0.123173
0.12116	0.136734	0.146785	0.108589	0.089811	0.139374	0.1332	0.131162	0.102889	0.092511
0.131942	0.13067	0.114467	0.118837	0.113078	0.138966	0.13849	0.13829	0.085359	0.047247
0.181624	0.16428	0.147707	0.16024	0.163629	0.126224	0.151401	0.135363	0.120872	0.074855
0.109259	0.150527	0.189665	0.147698	0.145604	0.097967	0.134118	0.111312	0.13986	0.129367
0.068723	0.121284	0.171568	0.119715	0.156319	0.142667	0.140949	0.118225	0.142057	0.162755
0.149412	0.147882	0.178378	0.136332	0.184087	0.216095	0.173236	0.178544	0.195576	0.195057
0.15432	0.164935	0.18964	0.145829	0.142903	0.182267	0.195294	0.187546	0.178273	0.18524
0.129134	0.148829	0.133877	0.133868	0.110975	0.117703	0.158442	0.174487	0.127945	0.104211
0.161139	0.120035	0.115637	0.148384	0.139539	0.137139	0.142328	0.194682	0.146324	0.096522
0.172057	0.135352	0.161526	0.151739	0.139018	0.136307	0.155952	0.148214	0.155222	0.152778
0.120667	0.167357	0.177581	0.140987	0.1298	0.11822	0.118043	0.072228	0.121375	0.146759
0.123809	0.156992	0.125923	0.099129	0.125789	0.120121	0.088087	0.105002	0.129548	0.150597
0.145806	0.151798	0.110005	0.090551	0.124212	0.154172	0.108726	0.1597	0.193323	0.20395
0.131634	0.147972	0.166954	0.120487	0.0945	0.131814	0.087714	0.149879	0.140614	0.131082
0.139221	0.1359	0.140184	0.163829	0.111632	0.090543	0.095825	0.150702	0.079398	0.058808
0.170034	0.133997	0.115993	0.168886	0.103055	0.097782	0.134161	0.134281	0.119366	0.099393
0.121633	0.150776	0.164629	0.138385	0.104493	0.11089	0.129226	0.125725	0.136833	0.114208
0.032191	0.12548	0.162807	0.046579	0.092464	0.110805	0.124432	0.112296	0.124868	0.104977
0.11192	0.166626	0.130055	0.02595	0.126865	0.163353	0.127758	0.133686	0.11417	0.088024

0.149228	0.13145	0.104099	0.0949	0.13093	0.174592	0.14501	0.155374	0.089163	0.099603
0.102173	0.072679	0.044631	0.085948	0.069342	0.0841	0.086027	0.121017	0.057472	0.055185
0.098795	0.099778	0.058583	0.113187	0.099985	0.063802	0.08795	0.12579	0.049796	0.051518
0.136099	0.162341	0.13824	0.161464	0.149316	0.146629	0.138358	0.134325	0.087621	0.109256
0.109635	0.106282	0.141136	0.116662	0.160054	0.169081	0.120621	0.104302	0.098051	0.111023
0.058828	0.046725	0.094192	0.073483	0.157639	0.124297	0.074402	0.061489	0.098756	0.10784
0.068342	0.082203	0.078896	0.062866	0.118049	0.10726	0.084816	0.071999	0.147973	0.130856
0.067469	0.09873	0.089322	0.076964	0.078176	0.089291	0.100838	0.080407	0.095033	0.076667
0.068304	0.077309	0.075412	0.06251	0.028486	0.03987	0.062264	0.055435	0.017563	-0.00514
0.103243	0.075913	0.048413	0.061047	0.034026	0.032784	0.049988	0.042611	0.002726	0.008418
0.093264	0.091168	0.070181	0.066661	0.068726	0.059168	0.054369	0.039108	0.034911	0.054806
0.029123	0.051121	0.0702	0.024778	0.013307	0.046981	0.02259	0.024587	0.064633	0.071117
0.038925	0.078921	0.080012	0.033069	0.038776	0.053041	0.011124	0.030865	0.069053	0.059133
0.085244	0.109242	0.086457	0.061234	0.074769	0.076281	0.065165	0.017926	0.002742	0.042852
0.04694	0.051934	0.050334	0.042185	0.039512	0.051079	0.066416	0.03902	0.012033	0.038062
0.031632	0.02513	0.023265	0.036593	0.027068	0.031123	0.044831	0.08544	0.031553	0.041875
0.026353	-0.00277	0.018707	0.047667	0.037736	0.035643	0.013221	0.052066	0.007363	0.026021
0.023052	-0.01083	0.011226	0.010018	-0.01201	0.022186	-0.01418	-0.02546	-0.00792	0.023878
0.016406	0.004526	0.020451	-0.005	-0.01616	0.02267	0.001788	-0.00828	-0.00316	0.015152
0.01585	0.053545	0.034502	0.016473	0.033511	0.062681	0.033707	0.053509	0.051619	0.042944
0.016608	0.036107	0.036345	0.035463	0.043324	0.068331	0.075471	0.062796	0.084514	0.085961
0.020678	-0.02099	-0.00883	0.037976	0.027208	0.034842	0.047437	0.077767	0.03633	0.035551
0.048245	0.022741	0.006873	0.048848	0.035449	0.058679	0.038277	0.088108	0.025211	0.016904
0.030916	0.042036	0.040178	0.033175	0.030595	0.076908	0.047258	0.04354	0.046376	0.034988
0.007771	0.013216	0.039037	0.015427	0.020391	0.060827	0.003241	-0.01137	0.026652	0.042446
0.00908	0.010727	0.023468	-0.00556	0.046218	0.049016	-5.44E-04	0.023954	0.028856	0.019222
0.040099	0.03364	0.035857	0.033965	0.069303	0.05036	0.030492	0.052394	0.053973	0.017722
0.045098	0.048855	0.046875	0.055912	0.040376	0.04401	0.020986	0.033269	0.032426	0.001317
0.015631	0.044072	0.040776	0.052338	0.029012	0.02456	0.022878	0.004003	-0.00764	-0.01388
0.034418	0.049969	0.044827	0.045495	0.038596	0.022031	0.025441	0.010901	0.015878	0.049059
0.012677	0.021324	0.043567	0.012773	0.006771	0.024021	0.040562	0.058035	0.038639	0.09872
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0.023275	0.031324	0.019427	0.011569	0.05275	0.05143	0.013702	0.064632	0.059669	0.02739
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0.01343	-0.02024	-0.02256	-0.01438	-0.03072	-0.01929	0.019422	-0.01189	-0.02987	-0.04755
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0.00387	-0.04191	0.007704	-0.00185	-0.04054	0.012128	7.57E-04	-0.03555	-0.04842	-0.02689
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0.027355	-0.04028	-0.01066	0.031773	7.59E-04	-0.00799	-0.016	-0.01817	-0.04786	-0.04725
0.020933	-0.03921	0.054348	0.027888	-0.02251	0.016317	0.020784	-0.0216	-0.05544	-0.02245
0.030933	6.55E-04	-0.00489	0.004561	-0.03188	0.013159	-0.0112	-0.03101	-0.0658	-0.02592
0.029993	0.014557	-0.03159	-0.00909	-0.03511	-0.00711	-0.02539	-0.04665	-0.06401	-0.06756
0.021581	0.038325	0.007166	-0.02997	-0.03002	-0.02675	-0.01289	-0.04079	-0.04968	-0.05788
-0.01486	-0.01119	0.001179	-0.0275	-0.02759	-0.02131	-0.01371	-0.03101	-0.0493	-0.05245
0.007028	-0.01244	0.001597	-0.02819	-0.00969	-0.0254	-0.03118	-0.02228	-0.04082	-0.07404
0.032541	-0.00858	0.012016	-0.01878	-7.52E-04	-0.02489	-0.02315	-0.02438	-0.04317	-0.07064
0.029349	-0.00425	0.039405	0.025174	0.017595	-0.0252	-0.03233	-0.0419	-0.05788	-0.06723
0.030585	0.013365	0.029447	-0.01375	0.001714	-0.02984	-0.04133	-0.03399	-0.07835	-0.0816
0.004198	0.009349	0.001484	-0.04174	-0.04653	-0.00893	-0.01988	-0.05793	-0.06357	-0.05978
-0.01308	0.013745	0.014958	0.011619	-0.0508	0.005112	-0.02704	-0.07772	-0.04025	-0.05677
-0.01381	0.012209	0.028984	0.023575	-0.03251	-0.00156	-0.01105	-0.03609	-0.06352	-0.0787
-0.01043	1.58E-04	-0.02831	-0.02663	-0.02263	-0.02826	-0.02174	-0.02545	-0.0896	-0.07273
-0.00162	-0.02292	-0.05258	-0.03061	-0.044	-0.03577	-0.0059	-0.02621	-0.07136	-0.04008
0.02259	-0.02025	-0.03146	-0.00418	-0.04763	-0.04911	-6.72E-04	-0.02035	-0.05426	-0.05266
0.026405	0.006866	-0.01202	-0.00277	-0.02364	-0.04064	-0.00772	-0.02196	-0.05335	-0.06076
-0.00267	-0.00886	0.006515	0.003691	-0.00232	-0.00466	-0.0118	-0.06723	-0.04599	-0.02896
-0.0067	-0.01383	0.020148	0.014804	0.004874	0.011858	-0.02934	-0.07211	-0.03145	-0.00378
0.017047	0.010826	0.012148	0.020154	0.021149	-0.00667	-0.0389	-0.03451	-0.01283	-0.01328
0.002724	-4.67E-04	-0.01135	0.012154	0.028889	-0.02483	-0.03291	-0.02462	-0.00806	-0.01783
0.005528	-0.02106	-0.02859	0.023952	0.020977	-0.03016	0.001562	0.011681	-9.60E-05	-0.00574
0.020984	0.00912	-0.00366	0.034	0.02623	-0.00994	0.008825	0.012513	-0.01897	-0.02018
0.005561	0.009824	0.004308	-0.00641	-0.0108	-0.01872	-0.01959	-0.03351	-0.02992	-0.03613

-0.01422	-0.00941	0.011406	-0.00716	-0.04546	-0.01792	-0.00398	-0.00955	-0.00949	-0.00116
0.01241	0.034958	0.053858	0.046091	-0.01651	0.024386	0.073318	0.046807	0.022903	0.024603
0.024029	0.062099	0.028984	0.001531	0.013104	0.044755	0.052988	0.015354	0.025457	-0.00671
0.019555	0.055581	0.022623	-0.01982	-9.16E-04	0.016028	0.005365	-0.01269	-9.06E-04	-0.01443
0.035457	0.05869	0.036223	0.041844	0.013765	-0.02376	0.013702	1.18E-04	-0.00501	-0.0228
0.055733	0.080192	0.057721	0.086464	0.079732	0.023657	0.0118	0.014684	0.012016	-0.00344
0.045134	0.079942	0.073149	0.072387	0.070789	0.056355	0.018098	0.025633	0.001014	0.004954
0.027165	0.04898	0.039598	0.028617	0.002175	0.01986	0.02556	0.033392	0.002676	0.033523
0.050958	0.054235	0.054839	0.036169	-0.0074	0.017923	0.061228	0.054059	0.019791	0.030248
0.080605	0.074521	0.075889	0.062566	0.028854	0.026684	0.035916	0.057425	0.016719	-0.01659
0.061234	0.053382	0.040847	0.03755	0.030507	0.0307	-0.00825	0.04431	0.030078	-0.03127
0.062132	0.046118	0.033756	0.0402	0.055876	0.05095	0.023132	0.048396	0.037231	-0.00625
0.08562	0.059223	0.025758	0.03151	0.050052	0.079384	0.047921	0.047385	0.038929	0.016279
0.063503	0.050563	0.003531	0.04283	0.014087	0.047915	0.040121	0.03632	0.019341	0.004599
0.026871	0.001346	0.010437	0.056412	0.02435	0.001341	0.045027	0.039179	0.008644	0.026198
0.047266	-0.00814	0.039756	0.062247	0.05653	0.032943	0.091027	0.069124	0.02898	0.037096
0.087603	0.084106	0.05774	0.060879	0.065334	0.063821	0.093967	0.068916	0.040869	0.024709
0.050465	0.078345	0.05453	0.021502	0.043378	0.029381	0.033637	0.021295	0.021266	0.003098
0.041473	0.039816	0.04201	0.030515	0.054571	0.019826	0.020178	0.041648	0.021527	-0.00246
0.057639	0.04505	0.026354	0.025847	0.069997	0.059789	0.047151	0.051555	0.036528	0.01581
0.033382	0.036717	0.037497	-8.45E-04	0.024489	0.035608	0.032944	0.026269	0.020363	0.027212
0.003985	8.32E-04	-2.49E-04	-0.00187	-0.0111	-0.02846	0.02097	0.011548	0.00807	0.049096
0.033382	0.02873	0.006124	0.031755	0.035182	0.003768	0.048083	0.048794	0.056944	0.06455
0.036657	0.035532	0.035736	0.057227	0.061761	0.044392	0.048603	0.056909	0.05343	0.043683
-0.00932	0.008514	0.024298	-0.00882	0.022357	0.034291	0.00153	0.023168	0.006993	-0.01334
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-0.01707	0.001041	-0.00892	-0.0157	-0.02569	-0.01806	-0.02954	-0.0158	0.02071	0.002947
-0.04101	-6.59E-04	0.015972	-0.01136	-0.02255	-0.02422	-0.01845	-0.01688	0.015723	0.009203
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-0.01258	0.036892	0.038144	-0.00707	0.024298	-0.00215	-0.00948	0.048903	0.066423	0.053934
0.033452	0.056731	0.037899	-0.0039	0.014817	0.018745	0.050402	0.038171	0.051861	0.049808
0.002463	0.00667	1.67E-04	-0.01302	-0.00605	-7.29E-04	0.023945	0.029183	0.030415	0.006971
0.012677	-0.0079	-0.00215	0.01742	0.018108	0.016914	0.022252	0.059054	0.023828	0.006089
0.035157	-0.00487	-0.00943	0.051752	0.054106	0.062909	0.064456	0.070854	0.027127	0.036932
0.047447	0.044445	0.031235	0.066225	0.072202	0.056056	0.063582	0.038189	0.005951	0.04734
0.049099	0.085802	0.099057	0.074756	0.080502	0.04775	0.077846	0.035775	0.055475	0.063794
0.059927	0.110708	0.081808	0.077275	0.101227	0.085877	0.100859	0.07284	0.094149	0.094336
0.099183	0.099859	0.091612	0.107026	0.097861	0.109388	0.07328	0.048976	0.039907	0.072182
0.071146	0.045388	0.087495	0.094071	0.093685	0.097165	0.051431	0.051902	0.046321	0.033631
0.124068	0.129804	0.130704	0.126821	0.135774	0.098564	0.080466	0.134369	0.097119	0.047322
0.262994	0.300895	0.214995	0.16721	0.15738	0.140597	0.153819	0.121702	0.116912	0.081017
0.268143	0.227319	0.198055	0.185042	0.128672	0.114443	0.153065	0.09257	0.123679	0.109557
0.153879	0.15886	0.179322	0.158667	0.089629	0.089271	0.124282	0.11171	0.167482	0.147181
0.122106	0.164046	0.184683	0.144897	0.083019	0.139374	0.167508	0.154935	0.150212	0.142398

0.120431	0.117548	0.134991	0.13767	0.075198	0.11295	0.147257	0.11366	0.055757	0.069721
0.06418	0.08199	0.053459	0.072925	0.070248	0.080825	0.070816	0.055656	0.039417	0.045016
0.011008	0.073191	0.032442	0.045061	0.083377	0.083125	0.085343	0.094658	0.098217	0.092925
0.006566	0.057609	0.042063	0.038402	0.082542	0.114742	0.135739	0.08027	0.071972	0.057622
0.03969	0.031566	0.040512	0.036045	0.055428	0.09322	0.118718	0.043307	0.018874	0.032207
0.020848	0.011336	0.077399	0.071446	0.048305	0.100628	0.108046	0.062067	0.032943	0.069702
-0.00115	0.040168	0.113425	0.096888	0.064248	0.085817	0.051269	0.094196	0.030025	0.06275
0.053522	0.085607	0.060145	0.048703	0.034044	0.01051	-0.00278	0.05382	0.024038	0.039927
0.010076	0.060493	0.012213	-0.00117	0.019617	0.014413	0.019154	0.04961	0.067098	0.028192
0.020235	0.065777	0.047858	0.042848	0.077881	0.069601	0.052571	0.08027	0.074558	0.02595
0.069599	0.070806	0.075774	0.092519	0.072706	0.049494	0.036492	0.060167	0.03125	0.011102
0.060262	0.02457	-2.81E-04	0.053771	0.032342	0.017461	0.0322	0.019531	-0.02857	-0.00144
0.010791	-0.03378	-0.0108	0.00397	-0.00921	0.035537	0.033395	-0.0144	-0.04179	0.012012
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0.01813	0.023672	0.059005	0.039184	0.005638	0.063498	0.019422	-0.00741	0.020901	0.031092
0.029471	0.055782	0.036136	0.046145	0.044304	0.014073	-0.00434	0.016125	0.010725	0.004836
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0.028689	-0.00719	0.020989	0.048848	0.021373	0.003272	0.061875	0.069447	0.015037	-0.02102
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0.011808	0.018287	-0.03308	-0.03549	0.020822	-5.49E-04	-0.01275	0.01032	0.0091	0.008793
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0.003788	0.015686	0.004453	-0.01315	-0.02595	-0.04742	-0.05749	-0.04463	-0.06602	-0.0779
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0.059219	0.02731	0.067252	0.050307	0.038776	0.071107	0.06084	-0.00332	0.028061	0.004447
0.115	0.129113	0.148902	0.081394	0.100626	0.166063	0.134096	0.070455	0.091955	0.083239
0.222855	0.181029	0.16733	0.14492	0.157144	0.195118	0.140682	0.150633	0.141713	0.136932
0.280732	0.234028	0.17057	0.200168	0.183536	0.149029	0.104193	0.176912	0.186406	0.16539
0.273995	0.25897	0.200591	0.259416	0.226067	0.19845	0.176236	0.241332	0.236288	0.195608
0.220797	0.254741	0.22513	0.242804	0.231041	0.245586	0.220609	0.227153	0.198258	0.152113
0.223153	0.238531	0.257587	0.237321	0.218723	0.209823	0.200714	0.150084	0.097222	0.176317
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0.323064	0.355333	0.33214	0.278723	0.278675	0.325988	0.258676	0.264058	0.298733	0.246861
0.271621	0.347162	0.246308	0.213123	0.282906	0.336547	0.287266	0.31309	0.309566	0.209115
0.298288	0.364217	0.24279	0.285794	0.326714	0.298403	0.295938	0.348789	0.314419	0.244682
0.350356	0.378315	0.305366	0.338624	0.374936	0.316053	0.326434	0.353219	0.34044	0.326601
0.302049	0.298625	0.296109	0.271462	0.279956	0.264485	0.312102	0.280906	0.262132	0.325893
0.287292	0.244768	0.275982	0.310109	0.244612	0.245991	0.300821	0.255348	0.226813	0.315986
0.287355	0.26113	0.325544	0.321687	0.28146	0.26797	0.279681	0.274678	0.280615	0.291559
0.279401	0.295163	0.341046	0.265787	0.304871	0.275861	0.240062	0.281091	0.32949	0.288982
0.277704	0.323261	0.291663	0.285511	0.345075	0.313477	0.221384	0.310866	0.337299	0.21753
0.267421	0.301441	0.307378	0.341256	0.33236	0.330497	0.278063	0.303221	0.324083	0.238906
0.231709	0.243755	0.300409	0.318695	0.269631	0.288881	0.284939	0.245128	0.284771	0.241259
0.26359	0.234302	0.233966	0.314213	0.297349	0.2604	0.278917	0.314723	0.261709	0.175464
0.326701	0.303984	0.252828	0.268132	0.255712	0.275768	0.310065	0.301986	0.260411	0.239863
0.317258	0.312	0.276891	0.237883	0.221312	0.302139	0.264246	0.170659	0.244549	0.255898
0.207107	0.262653	0.264634	0.202651	0.2017	0.251932	0.180667	0.115894	0.246092	0.198212
0.23074	0.304468	0.269108	0.224889	0.274577	0.280941	0.206048	0.244446	0.314112	0.210877
0.255617	0.282658	0.285774	0.301233	0.29034	0.305079	0.337641	0.305438	0.240356	0.243275
0.238294	0.20043	0.205656	0.235247	0.203559	0.209052	0.247151	0.259417	0.17576	0.179819
0.232818	0.21994	0.199854	0.237012	0.2277	0.19967	0.211605	0.278226	0.194902	0.206175
0.208077	0.214704	0.259011	0.244571	0.212546	0.227336	0.248828	0.237988	0.183165	0.241901
0.21781	0.244233	0.290598	0.191337	0.19798	0.258371	0.246358	0.218851	0.183568	0.238037
0.194852	0.275917	0.2584	0.178541	0.240336	0.277973	0.242384	0.240261	0.225531	0.239979
0.197276	0.257401	0.246082	0.203169	0.287689	0.303524	0.248572	0.248556	0.225086	0.247747

0.186962	0.200125	0.224726	0.223853	0.196067	0.211129	0.254964	0.197095	0.155766	0.223195
0.222692	0.206269	0.174026	0.189698	0.202353	0.110805	0.153179	0.196077	0.149885	0.17594
0.242163	0.193265	0.228019	0.245314	0.231741	0.147159	0.183965	0.213528	0.168554	0.172818
0.190498	0.198349	0.238023	0.259416	0.18231	0.217393	0.2567	0.186824	0.196538	0.193149
0.16395	0.241988	0.20943	0.207265	0.181735	0.184545	0.202041	0.151412	0.195291	0.212238
0.164708	0.2323	0.189268	0.14092	0.180838	0.220464	0.219889	0.200035	0.277782	0.247984
0.203797	0.157913	0.170713	0.204209	0.218642	0.239845	0.254589	0.244332	0.233673	0.248191
0.158839	0.113781	0.135517	0.157683	0.19196	0.169518	0.201582	0.260476	0.221049	0.191197
0.16459	0.124305	0.128846	0.116939	0.203585	0.210755	0.17921	0.252619	0.235747	0.120782
0.204108	0.136756	0.153967	0.174585	0.223889	0.241702	0.197996	0.165772	0.189825	0.173266
0.156853	0.133626	0.149806	0.173905	0.132019	0.188886	0.19331	0.135761	0.145583	0.182661
0.149274	0.136602	0.167613	0.174683	0.091125	0.184345	0.156343	0.072094	0.10535	0.182279
0.170178	0.206707	0.199803	0.165207	0.126448	0.195633	0.19004	0.140856	0.177899	0.223307
0.187637	0.210127	0.148	0.149026	0.140968	0.142735	0.137057	0.180207	0.171147	0.228284
0.125129	0.205007	0.141602	0.13511	0.166775	0.103057	0.091542	0.152284	0.177251	0.16637
0.166111	0.233067	0.114509	0.133139	0.205821	0.155908	0.175226	0.199112	0.260863	0.209169
0.229141	0.192466	0.125645	0.161842	0.119042	0.167799	0.251828	0.245669	0.205342	0.258164
0.178501	0.121114	0.132223	0.160946	0.090215	0.135095	0.19141	0.137756	0.148066	0.232862
0.101495	0.147882	0.164536	0.128064	0.059948	0.18545	0.19326	0.096533	0.182585	0.203042
0.127955	0.158675	0.20803	0.199215	0.159105	0.185601	0.196883	0.166555	0.132165	0.172445
0.130404	0.127433	0.160737	0.162905	0.135729	0.105666	0.142105	0.136403	0.116847	0.150289
0.095727	0.159531	0.083145	0.086762	0.102826	0.118716	0.111374	0.135938	0.126925	0.109149
0.086135	0.163788	0.106202	0.120637	0.176083	0.161634	0.12164	0.17984	0.151946	0.132237
0.11352	0.104933	0.104976	0.148407	0.122206	0.114529	0.063917	0.11345	0.099359	0.083969
0.153509	0.092734	0.116663	0.101259	0.019755	0.072521	0.052481	0.079259	0.048906	0.076807
0.098245	0.136515	0.18771	0.109321	0.053994	0.153003	0.166164	0.122731	0.100901	0.144445
0.141443	0.169578	0.166131	0.148865	0.083795	0.117918	0.146807	0.135009	0.094642	0.087574
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0.017301	0.073172	0.076194	0.033825	0.077901	0.137342	0.145369	0.065121	0.067252	0.063098
0.060991	0.024468	0.049993	0.034282	0.044177	0.071107	0.10456	0.10956	0.081509	0.046074
0.017267	0.023672	0.031527	0.042077	0.02924	0.010107	0.07798	0.09161	0.074205	0.081945
-4.84E-04	-0.04416	0.043443	0.027022	0.013206	0.006826	0.087851	0.026423	0.07342	0.143978
0.069656	0.032688	0.072978	0.098496	0.07434	0.044392	0.067053	0.07736	0.099588	0.088004
0.060337	0.078633	0.051416	0.069743	0.059044	0.031811	0.038662	0.057684	0.057831	0.047601
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2.96E-04	0.021527	0.015938	-0.00641	-0.04121	0.043737	0.035393	0.010785	0.00711	0.015429
0.042959	0.045085	6.17E-04	-0.0138	-0.03831	-0.02671	0.020549	0.001707	-0.01544	-0.02253
4.91E-04	0.034785	-0.03691	-0.06656	-0.05188	-0.05974	-0.0293	0.005492	-0.04845	-0.04189
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0.012276	0.058378	0.021578	0.029226	0.070402	0.026859	0.012957	0.031456	0.045549	0.021851
0.039067	0.074826	0.079916	0.076459	0.033192	0.055385	0.050691	0.004984	0.047464	0.058482
0.046271	0.018638	0.056351	0.109698	0.039404	0.055142	0.06468	0.006509	0.020329	0.076627
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0.04201	0.044321	0.065553	0.091936	0.084213	0.058773	0.073128	0.117482	0.069946	0.014184
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0.013782	-0.0123	-0.06225	-0.03907	-0.01615	-0.08445	-0.07243	-0.03049	-0.09297	-0.07623
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0.110535	0.10182	0.109077	0.103896	0.161052	0.176067	0.175034	0.130484	0.20143	0.2251
0.115105	0.181686	0.182994	0.143809	0.164803	0.163975	0.193661	0.213872	0.163099	0.104871
0.203563	0.187006	0.183875	0.223255	0.191424	0.177621	0.212416	0.262723	0.199226	0.160596
0.29309	0.179499	0.192926	0.233713	0.201151	0.216581	0.259639	0.293094	0.232258	0.261662
0.268475	0.247764	0.250653	0.265457	0.226564	0.290576	0.357914	0.370264	0.358721	0.404046
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0.421621	0.4255	0.413931	0.423204	0.423448	0.465818	0.463651	0.436874	0.525828	0.561463
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0.608402	0.609778	0.591182	0.612319	0.630005	0.626494	0.660148	0.714509	0.744067	0.714533
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-0.03471	-0.04455	-0.02082	-0.02525	-0.02858	-0.01792	-0.03489	-0.05547	-0.00932	0.013819
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-0.04478	-0.04014	-0.05039	-0.04533	-0.06526	-0.06026	-0.09671	-0.0674	-0.03371	-0.05487
-0.03981	-0.05466	-0.09234	-0.05507	-0.04529	-0.06606	-0.09541	-0.07079	-0.02722	-0.07838
-0.04375	-0.076	-0.10462	-0.03834	-0.04033	-0.07734	-0.04333	-0.04007	-0.05509	-0.04971
-0.0872	-0.05419	-0.08202	-0.05642	-0.04958	-0.0844	-0.06697	-0.05844	-0.09509	-0.06975
-0.08891	-0.05216	-0.07649	-0.06879	-0.07397	-0.09632	-0.08224	-0.06096	-0.10625	-0.08796
-0.06022	-0.07325	-0.06558	-0.05907	-0.08027	-0.10627	-0.09315	-0.07899	-0.097	-0.07981
-0.0666	-0.06759	-0.07247	-0.07291	-0.08225	-0.10091	-0.09172	-0.10304	-0.11196	-0.09721
-0.07733	-0.04461	-0.08263	-0.0931	-0.08441	-0.05742	-0.08027	-0.10214	-0.07961	-0.09855
-0.05155	-0.03227	-0.10201	-0.08194	-0.07963	-0.05383	-0.07246	-0.06287	-0.06313	-0.0909
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-0.00173	-0.03577	-0.01626	-0.00331	-0.03997	-0.03267	-0.03114	-0.03621	-0.0526	-0.07148
0.008182	-0.04316	-0.00416	-7.91E-05	-0.00784	-0.01401	-0.00774	-0.0254	-0.0473	-0.06194
0.002806	-0.02054	-0.00714	-0.0306	-0.00158	-0.00242	-0.01573	-0.02633	-0.04959	-0.06184

0.03142	0.043207	-0.01676	-0.04044	0.025441	0.022394	0.004392	-0.00825	-0.0224	-0.05503
0.048369	0.058756	-0.01024	-0.02998	0.04233	0.04543	-0.00134	-0.00369	0.015023	-0.01248
0.047376	0.056679	0.040425	0.009808	0.04392	0.033076	-0.00277	-0.00377	0.010038	0.00121
0.068162	0.068678	0.076452	0.078532	0.050079	0.023641	0.027281	0.046027	0.029231	0.014371
0.077421	0.075135	0.098592	0.097511	0.049374	0.032262	0.014489	0.03361	0.057519	0.05135
0.048443	0.059751	0.107564	0.045321	0.011014	0.037209	0.014656	-0.0082	0.022189	0.057649
0.012249	0.052443	0.064664	0.018547	0.017736	0.02786	0.019449	0.00728	9.54E-04	0.050421
0.013081	0.031741	0.019317	0.004345	0.037233	0.018948	0.008132	0.027592	0.014584	0.021768
0.008417	-0.01342	0.013687	0.015871	0.023497	0.023451	0.008182	0.03547	0.015834	-0.00267
0.028242	0.007375	0.011655	0.046641	0.034	0.025397	0.016751	0.046838	0.00412	-0.03492
0.041713	0.033331	0.018548	0.039269	0.028717	0.024579	0.030999	0.02666	-0.00826	-0.04287
0.023378	0.029439	0.036659	0.00742	0.01648	0.017765	0.033088	0.011038	0.022739	-0.00453
0.024284	0.033012	0.034408	-0.00447	0.022067	0.017765	0.013737	0.020415	0.048673	0.024724
0.028347	0.061918	0.046266	0.019408	0.049448	0.026705	-7.39E-04	0.046135	0.063593	0.055711
0.03057	0.075778	0.064296	0.036409	0.021128	0.019377	0.004572	0.017418	0.009921	0.049367
0.047192	0.04781	0.030801	0.026851	0.021702	0.016347	-0.00869	-0.0148	-0.01389	0.001649
0.085113	0.042375	0.009563	0.04721	0.094404	0.04801	0.013603	0.042152	0.026518	0.018391
0.058511	0.050231	0.032546	0.054981	0.065869	0.057246	0.063122	0.068455	0.032259	0.039622
0.026784	0.036954	0.058725	0.047431	0.001727	0.039866	0.078113	0.02967	0.025601	0.043383
0.057287	0.068889	0.080119	0.033995	0.037035	0.069314	0.068314	0.013973	0.058507	0.070319
0.08001	0.105777	0.086462	0.038692	0.064927	0.096595	0.07732	0.056828	0.075692	0.069273
0.086238	0.091346	0.080038	0.051867	0.031466	0.033396	0.054329	0.072247	0.045982	0.029934
0.097315	0.073269	0.065461	0.062284	0.046417	0.009274	0.00575	0.05779	0.036904	0.021257
0.107225	0.098481	0.101076	0.094877	0.085992	0.059463	0.037331	0.057456	0.061653	0.080085
0.080863	0.120184	0.16238	0.124063	0.089171	0.075721	0.086083	0.061602	0.06139	0.103044
0.073772	0.114666	0.140268	0.113872	0.106564	0.107736	0.104487	0.057234	0.075188	0.08912
0.090217	0.142255	0.109971	0.075167	0.150906	0.158891	0.116562	0.069499	0.130867	0.087036
0.110486	0.082639	0.090935	0.105026	0.130476	0.134482	0.116308	0.091463	0.120155	0.109312
0.060155	0.011292	0.067665	0.108653	0.082376	0.079473	0.076953	0.091483	0.10623	0.089577
0.073909	0.06983	0.115523	0.10768	0.099348	0.09717	0.080792	0.134592	0.108255	0.08028
0.091212	0.118674	0.144144	0.111052	0.116166	0.104924	0.101596	0.12895	0.09539	0.111275
0.07155	0.102507	0.117865	0.097408	0.082056	0.066242	0.118236	0.101851	0.091226	0.121119
0.099176	0.141324	0.136335	0.120654	0.097956	0.098034	0.1287	0.100316	0.101116	0.126548
0.137118	0.177274	0.152976	0.140746	0.180067	0.171021	0.140762	0.123531	0.132811	0.153537
0.155967	0.16069	0.153238	0.155989	0.166478	0.165166	0.186611	0.16012	0.115109	0.143548
0.124223	0.124811	0.123719	0.099497	0.129405	0.121946	0.135914	0.145896	0.094436	0.092254
0.15319	0.155269	0.144611	0.123318	0.158372	0.133968	0.127679	0.154601	0.128142	0.099975
0.173576	0.165029	0.151883	0.141545	0.131483	0.132449	0.151171	0.160565	0.155024	0.130315
0.101481	0.115713	0.100359	0.097759	0.077245	0.108621	0.125321	0.092645	0.150573	0.157849
0.1079	0.156888	0.132913	0.094037	0.090738	0.123144	0.125536	0.089467	0.144025	0.136481
0.188278	0.24558	0.190762	0.130584	0.112184	0.134348	0.146909	0.125214	0.116557	0.090993
0.177503	0.16618	0.164794	0.152485	0.089801	0.101237	0.145845	0.124242	0.10882	0.108459
0.116416	0.06933	0.100212	0.111052	0.110196	0.08052	0.098766	0.111088	0.102456	0.079209
0.124948	0.101058	0.116878	0.112246	0.127914	0.089673	0.101555	0.122326	0.081595	0.060098
0.095545	0.123938	0.127002	0.113465	0.106542	0.107315	0.129288	0.104214	0.084914	0.11247
0.062357	0.084009	0.08585	0.082202	0.08571	0.09514	0.102394	0.075957	0.114705	0.133233
0.074417	0.099469	0.081347	0.078808	0.097915	0.103837	0.099883	0.091023	0.153861	0.119217

0.085836	0.106404	0.114912	0.102451	0.069602	0.098137	0.112835	0.10224	0.09541	0.094604
0.062281	0.085144	0.085055	0.099683	0.0728	0.074179	0.081085	0.082297	0.045511	0.058112
0.113216	0.097516	0.094851	0.113979	0.110601	0.087939	0.059509	0.09611	0.064765	0.060936
0.120226	0.088867	0.086319	0.07072	0.083658	0.089572	0.078462	0.112576	0.091024	0.069178
0.077539	0.046841	0.062805	0.068687	0.055329	0.063685	0.069432	0.070547	0.06004	0.060135
0.082634	0.08389	0.068212	0.057251	0.069758	0.077897	0.03559	0.055739	0.039754	0.039444
0.119118	0.149545	0.115938	0.045138	0.067258	0.103566	0.068163	0.08005	0.094436	0.074761
0.10067	0.087502	0.096498	0.068745	0.058991	0.060671	0.099782	0.098178	0.097385	0.064774
0.048019	0.040321	0.02917	0.073777	0.064831	0.035976	0.081689	0.099541	0.075556	0.036756
0.064379	0.051022	0.060318	0.107321	0.070497	0.053922	0.067463	0.085127	0.070751	0.083861
0.080366	0.066572	0.095684	0.097036	0.060853	0.055898	0.0747	0.092987	0.084517	0.121761
0.045248	0.037472	0.046992	0.033069	0.058555	0.080164	0.097205	0.09999	0.1026	0.116328
0.050568	0.071295	0.054495	0.022471	0.075667	0.084892	0.053085	0.074531	0.080632	0.090055
0.079218	0.104545	0.089905	0.063065	0.060092	0.057921	-0.00608	0.050228	0.066986	0.058464
0.080466	0.065047	0.02589	0.049311	0.024582	0.010215	-0.01475	0.047597	0.043091	0.015847
0.079257	0.069196	0.012911	0.061638	0.059465	0.030972	0.031068	0.057641	0.055291	0.037197
0.074613	0.08389	0.067	0.05925	0.092537	0.087055	0.073282	0.066826	0.075556	0.070072
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2.92E-04	0.054389	0.020912	0.00873	0.027234	0.043174	0.045119	0.054121	0.076236	0.051824
0.018483	0.036616	0.037734	0.046733	0.067684	0.038087	0.013153	0.068473	0.105439	0.089398
0.050605	0.010485	0.052338	0.079402	0.058839	0.058034	0.048613	0.039889	0.056886	0.081197
0.049939	-0.00861	0.00619	0.065416	0.05278	0.040299	0.07309	0.050737	0.050538	0.052007
0.064494	0.024869	0.017798	0.062874	0.061024	0.031431	0.048089	0.052234	0.108611	0.094201
0.045742	0.042032	0.064024	0.070293	0.046749	0.039578	0.040586	0.055003	0.109974	0.126158
0.019154	0.012707	0.060818	0.065378	0.036495	0.050291	0.053981	0.067507	0.069677	0.091093
0.035981	0.033012	0.056643	0.044571	0.092598	0.099457	0.09555	0.100582	0.078419	0.054038
0.046622	0.082144	0.094019	0.078354	0.102396	0.100946	0.120642	0.090145	0.087519	0.054314
0.004036	0.057781	0.075197	0.091933	0.069738	0.058297	0.072345	0.072228	0.068836	0.032162
0.026171	0.054092	0.058974	0.094057	0.05484	0.054965	0.055596	0.089089	0.088538	0.066036
0.084632	0.096165	0.082014	0.081505	0.065311	0.061522	0.082236	0.092505	0.102683	0.113415
0.098948	0.091832	0.062013	0.052909	0.062321	0.05689	0.088317	0.048738	0.048692	0.082527
0.04375	0.066266	0.051376	0.043185	0.074309	0.082244	0.076606	0.060427	0.032242	0.063535
0.033249	0.088284	0.082701	0.061391	0.075017	0.086393	0.094443	0.092325	0.079416	0.070738
0.025856	0.058381	0.053755	0.051774	0.027746	0.03039	0.071105	0.079894	0.073717	0.055895
0.001382	0.006177	0.023765	0.037091	0.030577	0.022359	0.027539	0.065486	0.069428	0.062972
0.01417	0.008343	0.023623	0.04523	0.057383	0.033964	0.030183	0.056735	0.096346	0.108729
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0.001233	-0.01034	0.024844	0.02566	0.037215	0.037872	0.001364	0.0387	0.0899	0.085258
0.019154	0.030527	0.044854	0.004678	4.99E-04	0.029211	0.034503	0.079855	0.072539	0.075531
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-0.05743	-0.02412	-0.03778	-0.04013	-0.03507	-0.02028	-0.04458	-0.11745	-0.04904	-0.04828
-0.08389	-0.03131	-0.04819	-0.05579	-0.02946	-0.02742	-0.03783	-0.08815	-0.04499	-0.05587
-0.06439	-0.01405	-0.02812	-0.05681	-0.038	-0.0573	-0.03886	-0.03942	-0.03738	-0.069
-0.01083	-0.04589	-0.04026	-0.07735	-0.05644	-0.10134	-0.04505	-0.03548	-0.05348	-0.06713
-8.95E-04	-0.04081	-0.02207	-0.03528	-0.03817	-0.06765	-0.02348	-0.03624	-0.05412	-0.02471
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-0.03388	-0.07633	-0.00673	-8.20E-04	-0.03533	-0.02267	9.75E-04	-0.01873	-0.00951	0.013217
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-0.05399	-0.0746	-0.06826	-0.06703	-0.06204	-0.08456	-0.06973	-0.05719	-0.07557	-0.05269
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-0.02048	-0.02882	-0.05669	-0.07296	-0.05626	-0.08465	-0.08571	-0.07581	-0.06317	-0.08691
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0.019016	0.040825	0.004835	0.002583	0.027481	-0.01115	-0.01692	0.018669	0.019981	-0.0023
9.85E-04	0.00219	-0.0405	-0.01886	0.015655	0.012915	0.010826	0.008022	0.022138	-0.00798
0.007661	-0.00475	-0.02867	0.01635	0.039529	0.027842	-0.0038	-0.02885	0.019486	-0.00795
0.038567	0.01985	-0.01047	0.015358	0.032267	0.030672	-0.0104	-0.03423	0.009904	0.004668
0.029846	0.015465	-0.01811	-0.01953	-0.02737	-0.00579	-0.0019	-0.03964	-0.02122	0.002365
0.04068	0.024453	0.016371	0.001275	-0.00425	-0.00676	0.001591	-0.00459	0.012515	0.038895
0.051179	0.058962	0.047067	0.028503	0.026477	-0.01278	-0.00339	0.040707	0.049075	0.038364
0.011504	0.036491	0.024738	-0.00721	0.014234	-0.00372	-0.03636	0.012103	0.017478	-0.0033
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0.025541	0.011797	0.013394	0.047688	0.050134	0.009661	-0.00362	2.66E-04	0.046109	-0.0076
0.03268	0.033614	0.02917	0.038008	0.035829	-0.01318	-0.01921	-0.0218	0.034955	0.009079
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0.01538	-0.00991	2.34E-05	0.003579	-0.00593	2.50E-05	0.017879	0.011636	0.001494	0.011151
0.035623	0.044893	0.030604	0.02221	0.023777	0.024562	0.055247	0.040049	0.002149	0.005487
0.0462	0.073599	0.04465	0.011633	3.83E-04	0.011664	0.028384	0.037003	0.020818	0.01578
0.022509	0.025738	0.017711	0.017258	-0.00413	-9.11E-04	-0.0028	0.008551	0.006448	0.012716
0.032502	0.027043	0.02179	0.056293	0.027093	0.01104	0.003625	0.018567	0.003396	0.017025
0.028119	0.048102	0.064645	0.05808	0.033124	0.015155	0.017407	4.12E-04	-0.00454	0.0127
0.002077	0.028738	0.050944	0.023949	0.01545	-0.01197	0.027694	0.001923	-0.01004	0.018087
0.025331	0.027165	0.033702	0.038818	0.026302	0.014373	0.065691	0.043135	0.012666	0.047574
0.035533	0.041509	0.041381	0.046274	0.035703	0.030725	0.046898	0.038931	0.035751	0.056541
0.010996	0.011999	0.023482	0.002434	0.002975	0.026828	0.018891	0.025318	0.024047	0.013468
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0.007209	0.029947	0.028098	0.040136	0.062818	0.077132	0.023595	0.033259	0.042713	0.037639
0.024423	0.023622	0.041694	0.068803	0.037269	0.039344	0.025888	0.008501	0.018327	-0.01521
0.016783	0.004949	0.00801	0.045285	0.035434	-0.00462	0.034468	0.038346	0.048509	0.003425
0.039054	0.031794	0.008197	0.050624	0.063373	0.030478	0.091239	0.082611	0.098612	0.060117
0.052126	0.052739	0.03325	0.029102	0.064581	0.081609	0.092178	0.044623	0.069582	0.051642
0.024546	0.029351	0.039471	-0.00403	-0.00183	0.047185	0.069508	0.028959	0.051326	0.054663
0.014289	0.035352	0.037643	-0.01917	-0.00229	0.016893	0.030894	0.036385	0.064879	0.064943
0.045321	0.064875	0.050887	0.005245	-0.00841	0.006797	-0.00616	9.96E-04	0.026449	0.048424
0.026469	0.030844	0.037497	-0.0043	-0.02988	0.001985	-0.00452	-0.01995	-0.01959	0.006835
0.004102	0.017951	0.002036	-0.00617	0.025722	0.022411	0.009965	0.015432	0.022859	0.017497
0.015005	0.050323	0.030747	0.04688	0.090922	0.079039	0.071353	0.087302	0.071808	0.047339
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0.011436	0.046841	0.110791	0.054944	0.028965	0.09255	0.094062	0.033172	0.048965	0.04256
0.040952	0.09315	0.086788	0.060044	0.057553	0.110206	0.096014	0.040992	0.062387	0.061664
0.064972	0.094492	0.083816	0.093812	0.084361	0.083935	0.049011	0.05302	0.072019	0.07611
0.075632	0.072204	0.060741	0.047174	0.079664	0.017731	0.009981	0.064037	0.094599	0.056116
0.090034	0.095103	0.054779	0.028679	0.095084	0.074179	0.093019	0.112429	0.107815	0.107317
0.114996	0.131212	0.095476	0.119176	0.145552	0.189202	0.220933	0.147464	0.121814	0.199793
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0.105981	0.099366	0.130038	0.138518	0.14283	0.083536	0.142667	0.140308	0.102043	0.113605
0.112084	0.149175	0.165626	0.174859	0.192906	0.168277	0.164095	0.132916	0.12426	0.100975
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0.049292	0.107452	0.102536	0.087272	0.144096	0.114441	0.058472	0.059924	0.108611	0.1267
0.110231	0.133835	0.132074	0.140359	0.12211	0.134482	0.091479	0.086213	0.13122	0.119687
0.071181	0.051741	0.10451	0.121133	0.042184	0.065974	0.054751	0.034363	0.033209	0.039462
0.012012	0.018361	0.116659	0.080432	0.015758	0.069488	0.059602	0.010224	0.023995	0.035243
0.062205	0.085203	0.095642	0.059288	0.030205	0.070124	0.063403	0.034153	0.037188	0.026167
0.079079	0.057089	0.031952	0.057703	0.046435	0.024197	0.056019	0.031339	0.024133	0.01275
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0.040771	0.062523	0.062167	0.031417	0.058574	0.094445	0.090024	0.072803	0.064009	0.086898
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0.004652	0.054203	0.029689	0.031488	0.034	0.061938	0.053506	0.047905	0.0742	0.050821
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0.026942	0.070119	0.012532	0.010297	0.033374	-0.00893	0.027023	0.06024	0.003643	-0.00107
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0.004902	-0.01163	0.004716	-0.0343	-0.06283	-0.00606	-0.02569	-0.06391	-0.0079	-0.00101
0.068413	0.047645	0.039581	0.018444	0.020729	0.023242	-0.01901	-0.0499	0.004482	0.030594
0.133539	0.113771	0.058687	0.088099	0.097376	0.038141	0.041048	0.031252	0.012582	0.021512
0.163227	0.134862	0.089781	0.153752	0.120403	0.05476	0.078268	0.061452	-0.00102	0.052555
0.201498	0.170598	0.146458	0.174021	0.134157	0.100739	0.088178	0.082532	0.007193	0.07725
0.207809	0.185683	0.160778	0.157954	0.149526	0.116112	0.085394	0.11046	0.051473	0.071425
0.201812	0.112899	0.162356	0.179695	0.153962	0.145159	0.143453	0.112786	0.097447	0.111568
0.230217	0.199259	0.255073	0.250972	0.202771	0.219085	0.208578	0.156619	0.179001	0.16343
0.268338	0.299881	0.227438	0.271799	0.29536	0.252352	0.222387	0.226317	0.243104	0.183302
0.278298	0.296334	0.21376	0.251413	0.299793	0.256335	0.216651	0.243123	0.218146	0.145536
0.240706	0.288178	0.239059	0.275856	0.293795	0.273262	0.287692	0.301162	0.226801	0.197796
0.251866	0.300699	0.285232	0.269002	0.293892	0.330577	0.343004	0.280921	0.30602	0.313891
0.292869	0.292783	0.307167	0.278917	0.280492	0.312933	0.312305	0.229769	0.266772	0.310864
0.33543	0.242133	0.291143	0.307175	0.281408	0.298877	0.320074	0.289864	0.271744	0.330559
0.309995	0.238316	0.254562	0.246878	0.245247	0.321114	0.269903	0.308322	0.313474	0.331496
0.263261	0.301715	0.273738	0.235245	0.274472	0.274435	0.229982	0.315401	0.31556	0.286693
0.26791	0.332128	0.259885	0.255047	0.335298	0.208788	0.230311	0.354064	0.315122	0.224775
0.30378	0.328203	0.25952	0.269984	0.274255	0.214942	0.214977	0.225117	0.255202	0.226545
0.265503	0.286717	0.254502	0.274241	0.233587	0.193413	0.217878	0.194361	0.210638	0.207901
0.293096	0.263958	0.202682	0.292703	0.274504	0.217239	0.265291	0.268504	0.189697	0.19035
0.308987	0.284062	0.234988	0.259279	0.29716	0.298779	0.310484	0.263391	0.242904	0.29044
0.190649	0.25423	0.244341	0.126902	0.269119	0.290811	0.258084	0.216814	0.287136	0.292278
0.132799	0.208322	0.233954	0.160523	0.238001	0.203585	0.20631	0.214497	0.268978	0.226518
0.21389	0.289739	0.243813	0.187089	0.157111	0.17797	0.230586	0.282285	0.310264	0.242728
0.25899	0.293008	0.273455	0.213981	0.124682	0.254206	0.275599	0.263004	0.269948	0.286474
0.220084	0.217226	0.177496	0.226409	0.210763	0.242535	0.228009	0.196878	0.182264	0.204385
0.260039	0.236476	0.13755	0.24363	0.213054	0.202169	0.188829	0.207071	0.194851	0.175952
0.314869	0.271056	0.221826	0.20543	0.168254	0.201646	0.145664	0.181839	0.217016	0.224042
0.236366	0.261379	0.252163	0.165515	0.133594	0.222034	0.153951	0.170652	0.221039	0.262639
0.154576	0.290634	0.241823	0.141043	0.193164	0.25344	0.168149	0.242216	0.270739	0.260952
0.164742	0.253173	0.24652	0.206224	0.213811	0.268694	0.243905	0.270252	0.277143	0.203841

0.227759	0.204501	0.221965	0.220287	0.205737	0.218569	0.186462	0.223677	0.245279	0.174473
0.294133	0.246041	0.167984	0.162149	0.233615	0.213785	0.241332	0.292335	0.246946	0.186525
0.231535	0.244083	0.222663	0.234538	0.244142	0.248375	0.279952	0.288886	0.307772	0.320549
0.185641	0.202041	0.275659	0.254424	0.243243	0.252587	0.292422	0.284121	0.296944	0.290566
0.140021	0.156395	0.208105	0.211264	0.203934	0.282137	0.21951	0.214311	0.293019	0.262402
0.177825	0.243767	0.279654	0.245483	0.198385	0.271171	0.210412	0.199487	0.23482	0.30458
0.299455	0.30923	0.305676	0.308314	0.152925	0.225499	0.217131	0.176234	0.130801	0.233367
0.222059	0.258814	0.240395	0.233266	0.234069	0.236631	0.219376	0.267092	0.20713	0.210523
0.229321	0.284914	0.224735	0.192038	0.269427	0.228937	0.240431	0.300288	0.184453	0.260745
0.243296	0.214264	0.288632	0.272879	0.197106	0.236574	0.288602	0.246569	0.137508	0.236595
0.203047	0.152398	0.2427	0.221823	0.073035	0.219712	0.264191	0.219815	0.215593	0.206674
0.140727	0.187193	0.244547	0.168883	0.171214	0.245098	0.241642	0.155621	0.226417	0.212897
0.180965	0.239423	0.247879	0.209764	0.218685	0.223763	0.231274	0.18327	0.187808	0.221876
0.232942	0.188835	0.183682	0.185671	0.193913	0.173488	0.1636	0.170388	0.171022	0.152937
0.169953	0.208719	0.152002	0.132011	0.210467	0.195495	0.139824	0.23054	0.206946	0.189974
0.194966	0.242018	0.196142	0.159022	0.226058	0.187048	0.196514	0.294789	0.202816	0.218166
0.211683	0.162068	0.170999	0.181469	0.18326	0.188745	0.266903	0.243832	0.20892	0.224259
0.220084	0.16618	0.1882	0.204109	0.158039	0.203742	0.227791	0.145103	0.183183	0.234533
0.155212	0.159364	0.205143	0.166239	0.160594	0.231197	0.20816	0.145556	0.190682	0.245998
0.17429	0.129531	0.128393	0.157148	0.138346	0.12474	0.173034	0.201622	0.160182	0.187273
0.144274	0.128319	0.103702	0.113187	0.089699	0.113458	0.167554	0.20121	0.185352	0.153306
0.061122	0.132122	0.125838	0.094426	0.186553	0.175354	0.078907	0.171156	0.158792	0.127199
0.145563	0.087883	0.102028	0.159332	0.195935	0.11201	0.004506	0.119671	0.082541	0.119004
0.11004	0.057033	0.076193	0.163108	0.134924	0.110376	0.118024	0.121511	0.121102	0.12099
0.075436	0.048121	0.105213	0.118114	0.096528	0.094078	0.138242	0.067109	0.140225	0.156569
0.128545	0.101782	0.169588	0.118916	0.096921	0.106328	0.129157	0.107232	0.13937	0.113878
0.116933	0.082283	0.082843	0.116839	0.104201	0.072758	0.113611	0.100786	0.068893	0.086265
0.103945	0.075993	0.044279	0.102764	0.052126	0.074335	0.089249	0.065731	0.056218	0.075223
0.04059	0.109872	0.09583	0.094918	0.083558	0.091738	0.070648	0.048557	0.110563	0.092013
0.082654	0.108944	0.064995	0.083879	0.07776	0.071497	0.062076	0.084162	0.097753	0.097453
0.091477	0.065618	0.03604	0.053934	0.069661	-0.00922	-0.00734	0.058958	0.040792	0.068646
0.101044	0.040087	0.056738	0.08077	0.048855	-0.03135	0.030773	0.059088	0.006266	0.068343
0.104763	0.020416	0.063424	0.084259	0.088988	0.083974	0.127029	0.098035	0.04374	0.071655
0.08128	0.031689	-0.01134	0.043714	0.075371	0.089531	0.058213	0.075533	0.047944	0.035436
0.054605	0.03601	0.004429	0.031808	-0.01579	0.051881	0.039062	0.054414	0.031259	0.023013
0.018879	0.026677	0.066591	0.057026	-0.03052	0.062222	0.037543	0.007379	0.038291	0.046653
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0.039324	0.036687	0.03242	-0.01339	-0.02101	-0.00632	-0.03308	-0.06039	-0.02656	-0.02284
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0.023378	0.007558	-0.04913	-0.01964	-0.05117	-0.02545	0.006652	-0.03183	0.010539	-0.01561
0.006907	-0.01187	-0.03436	-0.0114	-0.07831	-0.04731	0.031103	-0.03522	-0.04625	-0.03059
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0.020967	0.068313	0.060837	0.057214	0.015021	0.081629	0.085138	0.050446	0.016426	0.033524
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0.006338	-0.0023	-0.01883	-0.13842	-0.0072	-0.00951	0.015258	0.010041	-2.86E-04	0.020543
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0.042767	0.08377	0.077171	0.072041	0.049392	0.010047	0.044366	0.05705	0.030139	0.026184
0.045632	-0.00994	0.035895	0.069286	0.070809	-0.02899	0.027246	0.076286	0.007442	0.022228
0.046604	-0.04258	0.063114	0.08812	0.066621	0.044811	0.079392	0.072745	0.038736	0.061384
0.099259	0.04889	0.078933	0.127256	0.101203	0.058917	0.100739	0.092224	0.071635	0.026666
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0.03455	0.103255	0.118634	0.101408	0.04491	0.034657	0.049138	0.036192	0.01509	0.067301
0.071667	0.017814	0.075994	0.052834	0.039892	0.006847	0.045639	0.045504	0.002428	0.022774
0.069185	-0.01658	0.047888	0.064574	0.026319	-0.0086	0.081475	0.082709	0.032945	0.046184
0.078565	0.018686	0.051584	0.099974	0.078493	0.053532	0.098624	0.105596	0.084042	0.055877
0.099341	0.083492	0.028044	0.069286	0.08575	0.044137	-0.00557	-0.02374	-0.01115	0.017227
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0.017073	0.009649	0.021584	0.046472	0.04875	0.042573	0.053264	0.018872	0.029758	0.051337
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0.125752	0.102055	0.084857	0.077773	0.077038	0.03967	0.025891	0.04515	0.075612	0.059917
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0.085145	0.080267	0.039282	0.051238	0.107256	0.098074	0.071039	0.030699	0.071738	0.054642
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0.068072	0.066299	0.042257	0.080156	0.087443	0.096412	0.043056	0.079603	0.097964	0.052816
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0.053156	0.04035	0.033682	0.055253	0.046868	0.017291	0.083649	0.100923	0.09681	0.071535
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0.024402	0.008852	0.031681	0.003214	0.03749	0.058259	0.032848	0.040759	0.068763	0.057991
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0.01526	0.020709	0.004276	0.029714	0.015967	0.015411	0.014382	0.032196	0.028414	0.032345
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0.012442	0.008714	-0.01068	2.73E-04	-0.01265	0.007651	-0.01211	0.02919	0.0319	-0.06888
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-0.01043	-0.01011	-0.01373	0.004521	-0.00948	-0.0034	-0.02522	0.012872	0.002788	-0.01461
-0.01385	-0.018	-0.00989	-0.01818	-0.04608	-0.00861	-0.02426	-3.61E-04	-1.88E-04	-0.00859
-0.01301	-0.03913	0.001197	-0.02401	-0.01179	0.001241	0.005022	-0.0035	-0.01031	0.007804
-0.03715	-0.03003	0.003955	-0.00251	0.023934	0.018676	0.003692	0.005457	-0.03058	-0.00758

-0.01875	0.011194	-0.01645	-0.02914	0.01595	0.030968	-0.0303	-0.00269	-0.00662	-0.02044
0.030399	0.015618	-0.04347	-0.02739	0.012862	-0.0028	-0.03815	-0.01085	-0.00634	-0.02295
0.030271	-0.02792	-0.06868	0.002163	-0.01701	-0.03152	-0.02613	7.66E-04	-0.01088	-0.02752
-0.01015	-0.05034	-0.07101	-0.02061	-0.02428	-0.03933	-0.04513	-0.01706	-0.00223	-0.00895
-0.02481	-0.05415	-0.05889	-0.02698	-0.03395	-0.05507	-0.02327	-0.01356	-0.01613	0.008061
-0.03763	-0.04001	-0.01334	-0.01952	-0.04566	-0.04525	0.003658	0.006651	-0.02226	0.018356
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-0.07293	-0.03719	-0.06445	-0.05638	-0.02927	-0.0164	-0.07273	-0.03524	0.00887	-0.03251
-0.04057	-0.06735	-0.1087	-0.02795	-0.03349	-0.05643	-0.05109	-0.03116	-0.03537	-0.03647
-0.04582	-0.05827	-0.07685	-0.00858	-0.04212	-0.07334	-0.05152	-0.02966	-0.04374	-0.04908
-0.0277	-0.03525	-0.06468	-0.03594	-0.033	-0.0686	-0.0503	-0.05748	-0.06236	-0.06458
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-0.07174	-0.07977	-0.11222	-0.06535	-0.06793	-0.07898	-0.08736	-0.07604	-0.0759	-0.09869
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-0.00208	-0.02095	-0.0601	-0.08471	-0.04242	-0.02924	-0.03982	-0.04403	-0.03036	-0.07407
0.008221	-0.02247	-0.05882	-0.03577	-0.01013	-0.01642	-0.02081	-0.015	0.011616	-0.02389
0.041115	0.008783	-0.02376	0.047297	0.032157	0.007397	-0.00325	0.014154	0.017039	-0.00573
0.041619	0.040722	0.030711	0.096703	0.074872	0.078536	0.042982	0.023116	0.009898	0.002446
0.040836	0.086594	0.088879	0.082185	0.069591	0.068231	0.051665	0.023869	0.041144	0.019286
0.051511	0.078862	0.0511	0.020353	0.06198	0.054666	0.051083	0.068983	0.067136	0.019075
0.020954	-0.00336	0.005357	-0.01739	0.011746	0.0615	0.05009	0.063941	0.046802	0.017532
0.00447	-0.02981	-0.02152	-0.00875	-0.01474	0.043673	0.013453	0.00278	0.007862	-0.00684
0.015647	-0.02633	-0.03202	0.01926	0.017511	0.006739	-0.00417	-0.00694	-7.11E-05	-0.02365
0.025857	0.001833	-0.01011	0.025374	0.01113	-0.00425	0.009481	0.020589	0.013393	0.003614
0.009953	0.014845	0.015651	0.004879	0.005838	0.005139	0.022506	-0.01229	-0.00639	0.011656
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0.029926	0.017502	0.038186	-0.01084	0.036382	0.041256	0.012439	-0.0172	-0.01509	0.009279
0.01854	0.010308	0.031357	0.019824	0.012828	0.003931	0.008239	-0.02555	-0.02908	0.004259
0.002555	0.03385	0.008262	-0.00338	-0.03497	-0.01301	-0.00769	-0.01229	-0.00319	-0.04227
0.045481	0.057618	0.012577	-0.00216	-0.04688	0.021703	-0.01311	-0.0312	0.014414	-0.0527
0.045556	0.021866	0.039246	0.033643	0.001011	0.035847	-0.01807	-0.05495	0.010687	-0.00928
0.015577	4.05E-04	0.024582	0.04148	0.016972	0.036876	-0.00139	-0.04585	-0.00939	0.007291
0.024851	0.033722	0.003112	0.014553	0.023863	0.050373	-0.00119	-0.02062	0.021842	0.010759
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0.028892	0.102742	0.047578	0.036289	0.034716	0.042335	0.032453	0.058029	0.043065	0.031983
0.106564	0.121707	0.068266	0.030273	-0.01532	0.040599	0.029802	0.047529	0.064639	0.069794
0.082389	0.072585	0.076482	0.04882	0.004909	0.052486	0.036804	0.019305	0.054658	0.070901
0.03805	0.044331	0.09005	0.080399	0.04847	0.088398	0.046382	0.017903	0.035468	0.060999
0.014927	0.068854	0.119783	0.090896	0.070866	0.089499	0.044272	0.038308	0.041347	0.058184
0.044841	0.071624	0.097855	0.087094	0.074852	0.049032	-0.01553	0.02795	-0.00316	0.0234
0.068032	0.080777	0.053722	0.047166	0.069199	0.039124	-0.04163	0.017161	0.005207	0.007959
0.124576	0.14135	0.067172	0.070288	0.086282	0.07651	0.035228	0.077716	0.041015	0.029871
0.143792	0.140061	0.114854	0.099573	0.08994	0.079033	0.087038	0.087519	0.06233	0.067883
0.095902	0.05698	0.115268	0.100272	0.061749	0.060277	0.082196	0.035061	0.048036	0.077583
0.086985	0.07933	0.120312	0.09379	0.04568	0.08113	0.066565	0.015767	0.063357	0.092301
0.121043	0.122785	0.109164	0.090377	0.086791	0.102678	0.086875	0.067625	0.094282	0.093801
0.139562	0.105673	0.083071	0.083101	0.114732	0.127974	0.087834	0.045739	0.037693	0.086087
0.073441	0.098021	0.082606	0.028329	0.090372	0.114104	0.047013	0.031108	0.040905	0.074478
0.085434	0.111025	0.12963	0.074664	0.12086	0.092017	0.075083	0.078251	0.116261	0.112191
0.12248	0.103344	0.128685	0.12324	0.124201	0.12535	0.107371	0.08588	0.082408	0.078851
0.122975	0.102291	0.113289	0.10737	0.087341	0.118118	0.089285	0.063232	0.043602	0.074917
0.1012	0.133142	0.140791	0.114805	0.08417	0.105845	0.093793	0.048158	0.086214	0.117469
0.109435	0.145928	0.132615	0.120166	0.077118	0.11473	0.118573	0.040285	0.055229	0.076378
0.118919	0.118399	0.102275	0.103401	0.095435	0.093497	0.114517	0.06941	0.046428	0.044951
0.126523	0.124159	0.096809	0.079852	0.11045	0.096453	0.055115	0.086486	0.088264	0.051394
0.133639	0.143444	0.122966	0.11253	0.135496	0.142509	0.104753	0.120359	0.144759	0.124712
0.100238	0.114145	0.142389	0.134037	0.098522	0.136964	0.153597	0.106288	0.129361	0.148376
0.075777	0.108101	0.14137	0.103486	0.061999	0.12909	0.125796	0.078509	0.092205	0.10159
0.073621	0.096283	0.115967	0.084571	0.064354	0.109826	0.090906	0.066716	0.091873	0.082068

0.079243	0.051983	0.063867	0.060233	0.056282	0.034658	0.066196	0.037855	0.039838	0.059146
0.061438	0.033685	0.028634	0.037755	0.045236	0.016997	0.029891	0.020502	0.032893	0.049016
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0.080058	0.093603	0.089146	0.085882	0.080098	0.065094	0.07536	0.085597	0.071244	0.060187
0.043621	0.052748	0.063576	0.056939	0.011609	0.0464	0.068669	0.057196	0.056048	0.057051
0.035577	0.046759	0.034604	0.036966	0.013636	0.06338	0.063467	0.053956	0.060688	0.073243
0.035319	0.01102	0.039997	0.062054	0.046924	0.071567	0.056727	0.054275	0.051513	0.056515
0.014033	-3.58E-04	0.04607	0.057438	0.042632	0.046492	0.026156	0.048028	0.05622	0.01769
0.066231	0.044913	0.051721	0.047673	0.044717	0.01826	0.046512	0.077181	0.070435	0.023046
0.086902	0.073046	0.099533	0.073007	0.042246	0.042188	0.070313	0.073435	0.077451	0.082779
0.029781	0.059519	0.101873	0.093915	0.035241	0.036424	0.04923	0.032124	0.044066	0.0622
0.051186	0.053303	0.068638	0.08357	0.055561	0.032415	0.042688	0.020815	0.044771	0.029277
0.088854	0.080328	0.073086	0.029462	0.0378	0.026867	0.046883	0.0542	0.085744	0.067903
0.067239	0.046684	0.066762	0.019208	-0.00525	0.005644	0.038331	0.046402	0.029974	0.065316
0.026794	0.020265	0.047168	0.0393	0.042688	0.043031	0.025025	0.024657	0.007571	0.022373
0.065935	0.055648	0.06807	0.099086	0.116147	0.090194	0.055494	0.065481	0.083748	0.048565
0.06829	0.069411	0.081556	0.106788	0.101948	0.105739	0.104519	0.099712	0.108401	0.097194
0.032477	0.075016	0.093499	0.039043	0.0654	0.102404	0.088978	0.091429	0.107756	0.113958
0.028258	0.101305	0.102106	0.016279	0.081082	0.110212	0.08454	0.07136	0.116392	0.114483
0.059255	0.081758	0.047112	0.026071	0.100074	0.092345	0.097054	0.035817	0.008887	0.103229
0.064772	0.059092	0.014682	0.040408	0.085956	0.074712	0.077149	0.061586	-0.01085	0.056879
0.106326	0.085086	0.05596	0.068274	0.100453	0.093353	0.087263	0.103103	0.045459	0.052854
0.123808	0.12265	0.109551	0.112334	0.115428	0.100202	0.113736	0.074693	0.071126	0.114483
0.064732	0.103623	0.103801	0.095569	0.032265	0.063533	0.095286	0.079165	0.109263	0.148636
0.062103	0.069869	0.059167	0.047485	0.023458	0.078914	0.089654	0.09614	0.158037	0.157968
0.054769	0.055879	0.045866	0.047974	0.074416	0.126371	0.126867	0.100902	0.166341	0.151749
0.022862	0.043393	0.043642	0.046885	0.078895	0.121269	0.10876	0.121805	0.103566	0.093905
0.054404	0.088128	0.046256	0.026786	0.08953	0.091422	0.068728	0.127814	0.090839	0.038217
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0.113997	0.11289	0.104886	0.117598	0.122361	0.081251	0.079525	0.06496	0.111533	0.124734
0.068866	0.070905	0.089845	0.078478	0.057595	0.043453	0.048521	0.012019	0.077391	0.10801
0.0632	0.09115	0.10719	0.036783	0.060846	0.106121	0.062387	0.012616	0.105207	0.137397
0.053789	0.06953	0.07808	0.061007	0.077756	0.115163	0.098035	0.073946	0.113357	0.148352
0.039515	0.049088	0.051081	0.057361	0.064741	0.079352	0.077846	0.055328	0.07085	0.076799
0.074647	0.062054	0.04756	0.08928	0.099948	0.08574	0.052623	0.072925	0.083992	0.070604
0.067596	0.069689	0.058114	0.09915	0.100958	0.100119	0.079785	0.102662	0.096831	0.116127
0.057955	0.06709	0.073126	0.072232	0.026835	0.044059	0.08369	0.06716	0.055076	0.121542
0.052735	0.082147	0.085813	0.047804	0.022034	0.077046	0.106752	0.046975	0.082104	0.12507
0.068409	0.072044	0.073165	0.083468	0.092163	0.118772	0.11378	0.054425	0.122284	0.138505
0.051759	0.046156	0.044771	0.078882	0.092947	0.067493	0.087772	0.075876	0.088777	0.125946
-0.01123	0.043786	0.039118	0.041517	0.063464	0.058868	0.063563	0.055705	0.063628	0.099958
0.024833	0.063386	0.036982	0.059402	0.084332	0.081832	0.073342	0.090448	0.094637	0.115688
0.05195	0.035779	0.040694	0.096304	0.080419	0.087768	0.054566	0.077914	0.078273	0.072288
0.057858	0.031019	0.058	0.073506	0.019007	0.084346	0.05268	0.058313	0.082408	0.078871
0.046952	0.06427	0.083497	0.075684	0.014102	0.095086	0.054132	0.036015	0.092744	0.087421
0.052122	0.069888	0.081495	0.085308	0.021192	0.041658	0.06283	0.037747	0.058381	0.062414
0.007117	0.035337	0.041686	0.012538	-0.00142	0.018416	0.06542	0.032124	0.061556	0.083614

-0.02063	0.053552	0.034333	0.0072	0.028471	0.044022	0.043811	0.047492	0.072174	0.049543
0.006514	0.067209	0.050968	0.054986	0.064586	0.062286	0.046549	0.053825	0.078956	0.047176
0.018504	0.020993	0.037894	0.05813	0.037327	0.062381	0.064858	0.039286	0.057557	0.070327
0.005414	-0.00551	0.022059	0.051674	0.018816	0.057027	0.033172	-0.02783	0.029112	0.078347
0.018398	0.007884	0.037912	0.055444	0.015569	0.058601	0.020037	-0.02572	0.010533	0.047626
0.012058	0.004891	0.015218	0.02761	0.004824	0.00787	0.021016	0.014617	0.013307	0.024093
-0.02223	0.013672	0.00259	-0.03665	-0.01106	-0.0089	0.014589	0.014069	0.04214	0.023631
-0.01737	0.017591	0.009764	-0.02077	0.017163	0.042188	0.048204	0.017714	0.057442	0.012849
-0.0024	-0.03	-0.00312	0.005083	-0.00237	0.030914	0.040321	-0.00302	0.022195	0.047063
-0.00674	-0.07316	-0.03405	-0.01877	-0.034	0.007972	0.023121	0.015647	0.017684	0.056668
-0.02612	-0.03951	-0.03522	-0.03381	-0.03368	0.026849	0.038514	0.027403	0.041697	0.095829
-0.05285	-0.0273	-0.03341	-0.01499	-0.0034	0.00787	0.017634	0.019808	0.023432	0.059454
-0.06373	-0.05193	-0.02661	-5.85E-04	-0.01424	-0.00843	-0.01914	-0.00697	-0.00353	0.024022
-0.06193	-0.03153	-0.01653	-0.00688	-0.01469	-0.01372	-0.01529	-0.02762	0.013358	0.016309
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-0.06512	-0.05702	-0.07089	-0.03471	-0.04946	-0.05431	-0.05436	-0.00738	-0.00276	0.008061
-0.04556	-0.07645	-0.10172	-0.04415	-0.0626	-0.04081	-0.04385	-0.03742	-0.04617	-0.0173
-0.05408	-0.07613	-0.07274	-0.06505	-0.08218	-0.02994	-0.03614	-0.08221	-0.03554	-0.00343
-0.04393	-0.09455	-0.08067	-0.04668	-0.0501	-0.04649	-0.03669	-0.05489	-0.03714	-0.04471
-0.0705	-0.09494	-0.09833	-0.07309	-0.06538	-0.04785	-0.04512	-0.04524	-0.04589	-0.07775
-0.06661	-0.05381	-0.09238	-0.07096	-0.05386	-0.02973	-0.04063	-0.03478	-0.02644	-0.0429
-0.04814	-0.05393	-0.08298	-0.06534	-0.06113	-0.05389	-0.05951	-0.06401	-0.04732	-0.0391
-0.04466	-0.04938	-0.04798	-0.05532	-0.08212	-0.07013	-0.06099	-0.06288	-0.07194	-0.07632
-0.07256	-0.06232	-0.03624	-0.05698	-0.09485	-0.08002	-0.05125	-0.0562	-0.06806	-0.0534
-0.07144	-0.07628	-0.04463	-0.06999	-0.1056	-0.08279	-0.07748	-0.07683	-0.08788	-0.02908
-0.04897	-0.07007	-0.06456	-0.05977	-0.09045	-0.07943	-0.09145	-0.09097	-0.09303	-0.0571
-0.07679	-0.07095	-0.07121	-0.08421	-0.07971	-0.05186	-0.06895	-0.0816	-0.07514	-0.07997
-0.09538	-0.07875	-0.08637	-0.10433	-0.07972	-0.05151	-0.07564	-0.10812	-0.07104	-0.0759
-0.09865	-0.1036	-0.10949	-0.09845	-0.08416	-0.07672	-0.08235	-0.1115	-0.0755	-0.06723
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-0.07894	-0.11797	-0.10792	-0.07086	-0.07247	-0.09422	-0.10447	-0.10605	-0.10838	-0.05981
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-0.08839	-0.09877	-0.07742	-0.08407	-0.12366	-0.08152	-0.06715	-0.0676	-0.05538	-0.05292
-0.08295	-0.0769	-0.05192	-0.07732	-0.10577	-0.05671	-0.05645	-0.07259	-0.0426	-0.06474
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-0.03879	-0.068	-0.0862	-0.07082	-0.07429	-0.09825	-0.10941	-0.09751	-0.09131	-0.09893
-0.07072	-0.07732	-0.08107	-0.06982	-0.07902	-0.07992	-0.1151	-0.09717	-0.09428	-0.07681
-0.0707	-0.07716	-0.0523	-0.07025	-0.06575	-0.04234	-0.07173	-0.08361	-0.11474	-0.06564
-0.06725	-0.06394	-0.05067	-0.05092	-0.02467	-0.01166	-0.03029	-0.08548	-0.1255	-0.0972
-0.05056	-0.05752	-0.07543	-0.05412	-0.03278	-0.02387	-0.06388	-0.11308	-0.08867	-0.09273
-0.05409	-0.06073	-0.07559	-0.05308	-0.07039	-0.0644	-0.06611	-0.08286	-0.06207	-0.07111
-0.04541	-0.05202	-0.06501	-0.05914	-0.07456	-0.0818	-0.04564	-0.04093	-0.04239	-0.06503
-0.04515	-0.0439	-0.06263	-0.06968	-0.0406	-0.06698	-0.06296	-0.04976	-0.07148	-0.0585
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-0.01125	-0.02095	-0.00559	0.015354	-0.00845	-0.03056	0.005022	0.001016	-0.04732	-0.05328
-0.00272	-0.02145	0.004309	0.019736	0.010035	-0.00857	-0.00612	-0.01689	-0.03636	-0.09189
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0.012669	0.023724	0.003112	-0.02043	-0.04471	-0.01825	-0.02948	-0.01426	-0.00431	-0.01331
-0.02118	-0.04334	-0.05816	-0.05142	-0.04533	-0.04096	-0.04883	-0.04434	-0.03432	-0.04233
-0.06455	-0.05266	-0.05251	-0.02365	-0.00629	-0.01889	-0.02124	-0.04862	-0.05379	-0.02969
-0.02473	0.007574	0.012198	0.038086	0.031852	0.023751	0.013728	-0.03506	-0.05264	-0.02648
0.008152	0.031219	0.011477	0.007799	0.012416	0.0156	-0.01331	-0.04608	-0.04691	-0.0486
-0.02308	-0.00228	-0.005	-0.01229	-0.00424	-0.00676	-0.03459	-0.04703	-0.03051	-0.05466
-0.00418	-0.03284	-0.02077	-0.00221	-0.01529	-0.0057	-0.02516	-0.00187	-0.01219	-0.04504
0.016809	-0.00166	-0.01224	-0.03646	-0.03973	-0.00768	-0.0203	-0.0054	-0.01292	-0.03576
-0.00361	-0.00846	-0.03656	-0.04609	-0.0468	-0.01514	-0.02086	-0.02079	-0.03923	-0.03923
0.005311	-0.01813	-0.03073	-0.00676	-0.03678	-0.01485	0.013349	0.006785	-0.03292	0.006574
0.035448	0.025033	0.004157	0.031557	-0.00184	0.009514	0.008103	0.016472	-0.00328	0.027877
0.025246	0.027031	0.020199	0.016105	0.01666	0.040909	-0.01558	-0.01622	0.010807	0.021701
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0.02204	0.017573	-0.03502	-0.01296	0.02494	0.015463	-0.01637	0.012514	0.043991	0.005789
0.030399	0.034786	-0.00656	0.002553	-0.00981	0.013985	0.005005	0.013094	0.033219	0.01685
0.002334	0.014916	-0.04469	-0.02572	-0.05467	0.01241	0.016923	0.012087	0.003919	-0.00153
0.019532	0.002105	-0.04439	0.031919	0.025294	0.051157	0.044069	0.037946	0.015195	0.00909
0.067358	0.034364	0.040308	0.085431	0.081786	0.076332	0.084155	0.032785	0.014657	0.044597
0.053175	0.015337	0.060299	0.022812	0.017198	0.032004	0.048074	0.004318	-0.00253	0.011517
0.003016	0.016568	0.053268	0.002383	0.026693	0.029135	0.018782	0.038978	0.026895	-0.00144
0.039794	0.076106	0.064468	0.036527	0.038128	0.038979	0.029855	0.055686	0.047568	0.043927
0.059761	0.074211	0.04318	0.026822	-0.00773	0.009395	0.02582	0.020294	0.011392	-0.00842
0.030981	0.01851	-0.0085	0.002096	-0.01162	-0.01675	7.26E-04	0.008675	-0.00618	-0.03838
0.061067	0.036368	0.014647	0.054947	0.023299	0.010721	0.021366	0.062925	0.040702	0.009296
0.076059	0.085932	0.089023	0.094982	0.063291	0.052186	0.052228	0.074241	0.076111	0.0551
0.041936	0.079045	0.086771	0.067192	0.019635	0.001241	0.031502	0.01448	0.041531	0.034652
0.019	0.05507	0.054176	0.045387	0.030901	0.036551	0.022489	-0.00496	0.043083	0.040998
0.015823	0.036037	0.037511	0.034517	0.048395	0.064823	0.066721	0.020745	0.028844	0.042757
0.007807	0.014495	0.02271	0.003824	0.013206	0.038307	0.050539	0.016472	0.016621	0.015715
0.015436	0.040182	0.019691	0.007542	0.032247	0.028815	0.02706	0.050405	0.05561	0.023223
0.062396	0.091443	0.051815	0.044081	0.066177	0.049367	0.048484	0.096781	0.111013	0.102675
0.058576	0.056844	0.066977	0.067231	0.028667	0.070198	0.086835	0.043333	0.080628	0.115885
0.040668	0.012048	0.068188	0.056881	0.008433	0.052955	0.065265	0.010352	0.056659	0.085043
0.022344	0.063504	0.075805	0.054031	0.046051	0.054496	0.059089	0.044672	0.082793	0.080507
0.049055	0.098808	0.080931	0.069082	0.054254	0.042133	0.075876	0.077954	0.07625	0.079759
0.051091	0.050685	0.049973	0.049405	0.053291	0.057975	0.035391	0.094365	0.11727	0.083105
0.082163	0.069033	0.015443	0.04211	0.122494	0.109249	0.054982	0.141463	0.158351	0.127702
0.165359	0.168196	0.115574	0.139875	0.214043	0.191137	0.15727	0.170415	0.189571	0.198953
0.183657	0.180171	0.206675	0.214923	0.177744	0.174936	0.177115	0.187762	0.180943	0.18025
0.144595	0.122358	0.159838	0.182505	0.119408	0.14076	0.161941	0.164323	0.168214	0.138274
0.105568	0.108645	0.139545	0.173126	0.16514	0.221942	0.209071	0.161332	0.192512	0.138621
0.095141	0.070068	0.105908	0.156762	0.172723	0.16059	0.132372	0.143235	0.128098	0.103784
0.047047	0.037624	0.053192	0.059093	0.084393	0.070354	0.031519	0.090612	0.089148	0.053557

0.029817	0.054935	0.053722	0.04026	0.099486	0.111176	0.046958	0.110864	0.105485	0.044243
0.077922	0.089147	0.091637	0.098368	0.111743	0.114276	-0.0083	0.069372	0.075233	0.049035
0.046009	0.041206	0.05978	0.118681	0.08227	0.059972	-0.01437	0.023081	0.048635	0.038584
0.008913	0.005491	0.02162	0.094647	0.0625	0.045108	0.054812	0.026486	0.055305	0.041978
0.047463	0.043318	0.060683	0.052129	0.016435	0.033544	0.060658	0.028924	0.042769	0.05984
0.053501	0.053667	0.086322	0.04835	0.012725	0.003227	0.042412	0.034594	0.029005	0.047513
0.012197	0.02419	0.042386	0.05738	-0.00439	-0.0301	0.009771	0.038054	0.055019	0.031893
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0.00382	0.042495	0.037055	0.054279	0.08066	0.094962	0.066954	0.039577	0.055438	0.071039
0.094361	0.048083	0.028492	0.038748	0.080821	0.064226	0.067382	0.031233	0.032658	0.034342
0.05262	0.004874	0.01631	0.023771	0.040026	0.049367	0.052529	0.038724	0.031017	0.053214
0.035117	0.020513	0.034803	0.041184	0.035223	0.053142	0.058516	0.064095	0.035487	0.026534
0.031491	0.04778	0.026532	0.045649	0.03506	0.024119	0.03886	0.04337	0.036707	0.013525
8.36E-04	0.024262	0.027529	0.024091	9.94E-04	-0.00269	0.008545	0.003515	0.025506	0.034816
0.001261	0.014039	0.059723	0.034827	0.033164	0.037238	0.018904	-0.0137	0.051438	0.068749
0.037421	0.035025	0.075984	0.061977	0.057995	0.045846	0.043332	0.031625	0.037054	0.04992
0.028167	0.010291	0.021567	0.033516	0.058644	0.003161	0.018852	0.057158	6.30E-05	-0.00296
0.012407	-0.03096	-0.01754	0.027413	0.029006	0.010994	0.029159	0.042802	0.009555	0.024395
0.046424	-0.02121	0.006493	0.04161	0.035802	0.031557	0.050783	0.040267	0.025364	0.060612
0.074386	0.036497	0.028063	0.031883	0.066994	0.056478	0.026068	0.032624	0.021701	0.028882
0.032678	0.035558	0.014215	0.015441	0.027741	0.072881	0.027007	-0.00623	0.028521	0.047288
0.015647	0.034841	0.025999	0.041758	0.030865	0.090664	0.066448	0.010692	0.05773	0.100826
0.018027	0.016867	0.020917	0.05386	0.055201	0.062113	0.074251	0.079245	0.048748	0.05596
0.031893	0.027736	-0.00405	-1.31E-04	0.02751	0.024734	0.033856	0.071164	0.035123	0.002463
0.034198	0.006574	-0.0163	-0.01895	0.016175	0.009192	0.0096	0.018266	0.008271	0.016728
0.063219	0.007867	0.006917	0.007457	-0.02305	-0.02806	0.018034	0.016369	0.002956	0.018566
0.070399	0.045816	0.01399	0.015075	-0.03412	-0.04056	0.007068	0.007459	-0.03186	-0.00936
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0.006514	0.033447	-0.03955	-0.01046	0.04806	0.008581	0.007543	0.016128	0.011117	-0.01082
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0.01426	0.011577	0.001532	-0.01319	-0.02949	-0.00576	-0.00353	-0.01028	-0.00119	0.003089
0.004008	-0.02258	0.001918	-0.02731	-0.02511	-0.00481	-0.04741	-0.07428	-0.06051	-0.02656
-0.02092	-0.03832	-0.03225	-0.04857	-0.02994	-0.02607	-0.05088	-0.04247	-0.04084	-0.03131
-0.01712	-0.01477	-0.04248	-0.03694	-0.02478	-0.02038	-0.02767	0.005474	0.004613	-0.0339
-0.02526	-0.00208	-0.04434	-0.0275	-0.03946	-0.04027	-0.05448	-0.04417	-0.0469	-0.05051
-0.03999	-0.03237	-0.07264	-0.04009	-0.03775	-0.05308	-0.06523	-0.07463	-0.06492	-0.03943
-0.02565	-0.04304	-0.07868	-0.03456	-0.0171	-0.02503	-0.0266	-0.02478	-0.03382	-0.02909
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-0.01447	-0.04545	-0.02923	-0.06716	-0.07917	-0.01575	-0.044	-0.08909	-0.03141	-0.01208
-0.03593	-0.03503	-0.01141	-0.05522	-0.04113	0.010024	-0.04816	-0.07065	-4.06E-04	0.002142
-0.04921	0.038957	0.036	1.04E-04	0.018154	0.02207	-0.00179	-0.03588	-0.00224	-0.01063

-0.02168	0.045327	0.046275	0.010223	-9.25E-04	-0.01263	-0.01883	-0.01209	-0.03441	-0.05206
-0.03338	-0.04127	-0.0133	-0.04658	-0.01802	-0.01723	-0.04381	0.003565	-0.03594	-0.02235
-0.04333	-0.06094	-0.04028	-0.03381	0.02517	0.009209	-0.01954	0.031589	0.035741	0.035308
-0.03306	-0.03775	-0.03207	-0.00898	0.010018	0.022665	-0.0106	0.008438	0.03678	0.010793
-0.02261	-0.03125	-0.0471	-0.01097	-0.03809	-0.01438	-0.00789	-0.03303	-0.02116	-0.00763
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-0.03722	-0.07675	-0.07064	-0.03581	-0.04159	-0.0759	-0.08849	-0.05544	-0.04729	-0.04264
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-0.02751	0.010968	-0.00317	-0.02839	-0.03987	-0.01351	-0.0279	-0.04745	-0.01818	-0.01009
0.042198	0.061077	0.008927	-0.07827	-0.01213	-0.00173	-0.03919	-0.0263	-0.00888	-0.02364
0.074869	0.062328	-0.00251	-0.06486	0.01257	-0.01135	-0.03471	-0.01285	-0.0256	-0.03821
0.077963	0.033209	0.020391	0.032553	0.02135	-0.00504	0.046456	0.017144	-0.02176	0.020201
0.112368	0.03565	0.018015	0.058072	0.017406	-0.00239	0.073974	0.051915	0.032965	0.026856
0.096389	0.052021	0.026035	0.044696	0.039094	0.010143	0.016282	-0.01262	0.008699	0.015437
0.089207	0.072565	0.093064	0.059672	0.062018	0.063553	0.040431	-0.00206	0.044288	0.076398
0.124327	0.117021	0.167023	0.121411	0.115472	0.105718	0.097388	0.094839	0.117226	0.119324
0.174006	0.152959	0.149832	0.155002	0.146836	0.11486	0.102129	0.127392	0.098006	0.091304
0.186201	0.185752	0.133228	0.143818	0.166558	0.10863	0.133232	0.128037	0.090199	0.074698
0.25804	0.235536	0.173905	0.223821	0.223235	0.146307	0.153716	0.140844	0.125427	0.110496
0.261309	0.241348	0.196595	0.242008	0.247947	0.225277	0.141906	0.107284	0.127176	0.115556
0.198212	0.200455	0.182549	0.231814	0.220843	0.196326	0.18906	0.109859	0.099711	0.156206
0.251303	0.265408	0.26752	0.304856	0.224605	0.216302	0.260334	0.195648	0.18219	0.238323
0.288943	0.293271	0.287927	0.279589	0.253595	0.252596	0.229088	0.196299	0.211897	0.190139
0.259394	0.253546	0.186744	0.205608	0.255394	0.233388	0.217215	0.232485	0.212991	0.152727
0.285101	0.259729	0.156014	0.216527	0.280629	0.269872	0.246175	0.296944	0.235145	0.201539
0.229593	0.231646	0.177412	0.22048	0.270557	0.309332	0.260243	0.243292	0.244816	0.258151
0.186045	0.20364	0.168179	0.209735	0.224913	0.247046	0.246087	0.212783	0.198454	0.247678
0.213411	0.181946	0.135826	0.255045	0.206515	0.207965	0.288202	0.265287	0.209827	0.271201
0.278772	0.258405	0.237937	0.250316	0.233969	0.273442	0.267282	0.298457	0.280244	0.227885
0.269117	0.276481	0.267335	0.191254	0.249278	0.322079	0.222387	0.27054	0.2952	0.135211
0.232769	0.24002	0.185307	0.188336	0.273711	0.29863	0.194088	0.245503	0.270854	0.155244
0.264696	0.30495	0.239966	0.177106	0.258257	0.282482	0.231014	0.240745	0.255853	0.282683
0.233727	0.255526	0.270502	0.221404	0.237155	0.26535	0.306621	0.238328	0.239109	0.255509
0.227268	0.21066	0.19194	0.262005	0.262756	0.180236	0.285524	0.294194	0.240332	0.210918
0.207164	0.195693	0.197437	0.27914	0.278342	0.232961	0.257308	0.296288	0.295464	0.314819
0.19733	0.216565	0.269444	0.255833	0.237213	0.283279	0.256164	0.2747	0.31889	0.286959
0.244997	0.256902	0.267892	0.208645	0.269439	0.290416	0.227593	0.286176	0.311203	0.227601
0.239017	0.304096	0.294629	0.211485	0.347261	0.323511	0.255293	0.3092	0.31503	0.272489
0.234105	0.285841	0.293806	0.249837	0.288663	0.280989	0.333441	0.245095	0.293516	0.280593

0.274284	0.257484	0.255492	0.226025	0.206703	0.210196	0.290996	0.24164	0.266714	0.288557
0.324716	0.269898	0.25085	0.270865	0.276761	0.287573	0.304061	0.307212	0.267148	0.264009
0.274284	0.238755	0.290334	0.332914	0.341252	0.323441	0.317255	0.246496	0.323703	0.280978
0.215328	0.264877	0.272095	0.260837	0.342315	0.327588	0.273872	0.204343	0.351263	0.313502
0.204304	0.341442	0.315692	0.239167	0.295594	0.321869	0.308313	0.282158	0.371289	0.334668
0.305244	0.333733	0.319582	0.262467	0.089181	0.263976	0.331219	0.262214	0.284644	0.318094
0.334716	0.252938	0.229547	0.216333	0.1963	0.274785	0.273465	0.254314	0.278298	0.235365
0.311626	0.290515	0.174554	0.167743	0.338806	0.291162	0.215541	0.295731	0.335446	0.261822
0.222968	0.243927	0.25468	0.211896	0.280884	0.2923	0.265035	0.231976	0.230931	0.344292
0.185291	0.208079	0.262198	0.195273	0.271772	0.319194	0.283245	0.23003	0.247267	0.338536
0.179048	0.210329	0.28328	0.252388	0.27118	0.336903	0.265435	0.283653	0.311753	0.258975
0.17393	0.24703	0.289585	0.293757	0.239611	0.306564	0.279897	0.275825	0.316938	0.287415
0.191783	0.140108	0.183747	0.246558	0.183714	0.217945	0.16725	0.246613	0.25989	0.186068
0.141037	0.148235	0.151772	0.148059	0.208533	0.153674	0.077567	0.289198	0.261326	0.166888
0.192337	0.218075	0.189373	0.151767	0.18835	0.221001	0.221498	0.254165	0.257458	0.275618
0.222798	0.23078	0.243437	0.190967	0.108175	0.216521	0.257278	0.206311	0.211542	0.261669
0.209877	0.161604	0.217739	0.198478	0.079757	0.250433	0.222276	0.117178	0.224812	0.288132
0.150862	0.101798	0.237302	0.230868	0.116474	0.236383	0.180841	0.130112	0.209908	0.199432
0.157684	0.174586	0.25438	0.279781	0.18522	0.091442	0.122048	0.181072	0.132511	0.096228
0.161923	0.1361	0.16956	0.189766	0.177292	0.078994	0.097993	0.103755	0.142286	0.077281
0.102036	0.139336	0.116229	0.107133	0.147843	0.128576	0.080106	0.038471	0.140893	0.122143
0.104963	0.166228	0.109142	0.136013	0.12245	0.134829	0.127873	0.08054	0.078675	0.141499
0.158075	0.099042	0.084349	0.115485	0.088936	0.094301	0.121739	0.111013	0.087935	0.101335
0.115012	0.044424	0.066411	0.090191	0.052839	0.045717	0.115147	0.099712	0.063725	0.130894
0.091211	0.055417	0.096433	0.117598	0.045792	0.084124	0.122048	0.119573	0.109241	0.133333
0.07002	0.08871	0.056131	0.11288	0.103555	0.033365	0.083629	0.079284	0.121196	0.070881
0.066152	0.07807	0.019341	0.059808	0.059657	0.068406	0.106731	0.067393	0.115976	0.078146
0.018328	0.030018	0.050705	0.076687	0.034228	0.143409	0.051402	-0.04974	0.095659	0.117359
0.060696	0.074614	0.116294	0.135714	0.061172	0.072488	0.05574	0.011695	0.083199	0.106654
0.032221	0.066161	0.080267	0.073944	0.093568	0.029543	0.059299	0.083824	0.019785	0.040407
0.039627	0.061409	0.001063	0.074984	0.108625	-0.01235	0.015331	0.017541	-0.01326	0.049261
0.042235	0.025752	-0.00415	0.079791	0.051747	0.008683	0.015694	0.023869	0.01758	0.101548
0.1041	0.090523	0.07766	0.091976	0.081887	0.077522	0.035373	0.082079	0.052931	0.025749
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0.016456	0.019058	-0.04133	-0.01711	0.00262	-0.0303	-0.0604	0.041925	0.044307	-0.03826
0.046329	0.018333	-0.03426	-0.00767	0.027013	0.006908	-0.03387	0.008168	0.054183	0.026266
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0.017003	0.058956	0.046163	0.02067	0.024357	0.020988	0.017079	-0.02688	-0.02671	-0.02782
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0.079711	0.080532	0.056378	0.029985	0.038875	0.041018	0.021612	0.025922	-0.01748	-0.02763
0.056871	0.05696	0.030819	0.036179	0.051766	-0.01421	0.004752	0.010081	0.015299	0.032726
0.060891	0.044462	0.04305	0.008983	0.056396	0.009905	0.069471	0.049029	0.035705	0.094783
0.077922	0.044443	0.060837	0.099742	0.113994	0.056932	0.091873	0.128103	0.149085	0.090496
0.088999	0.109473	0.050874	0.056536	0.0807	0.080091	0.037113	0.040686	0.051589	0.090889
0.032733	0.042139	0.072552	0.033825	0.026835	0.086671	0.113347	0.040085	0.030333	0.125407
0.079223	0.067684	0.104035	0.074803	0.112651	0.140921	0.158949	0.15044	0.119781	0.090517
0.07002	0.096325	0.066899	0.03919	0.071219	0.083258	0.07348	0.135128	0.117006	0.052474
0.042609	0.061898	0.025857	0.044435	0.05109	0.017308	0.027415	0.115986	0.087258	0.008867
0.069224	0.018563	0.008995	0.094333	0.116256	0.088256	0.056081	0.092864	0.097964	0.077643
0.100623	0.086263	0.045531	0.062287	0.104976	0.12442	0.00943	0.022208	0.002973	0.032056
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0.108759	0.133141	0.096719	0.092953	0.118412	0.069366	0.046616	0.1154	0.096599	0.069405
0.108909	0.129004	0.086086	0.126124	0.135936	0.087905	0.065313	0.134752	0.105266	0.031273
0.077164	0.114619	0.128999	0.088175	0.075792	0.107847	0.100642	0.089102	0.123849	0.096359
0.068902	0.051894	0.050626	0.07454	0.066518	0.029651	0.10773	0.080509	0.092902	0.086859
0.085058	0.04706	0.059214	0.153095	0.106549	0.035207	0.117766	0.105004	0.078842	0.094626
0.069372	0.122416	0.149956	0.190264	0.174051	0.11897	0.095598	0.119902	0.138824	0.176518
0.07434	0.123414	0.113217	0.114755	0.125666	0.12951	0.059056	0.102834	0.142959	0.153127
0.090374	0.079387	0.072295	0.083889	0.061914	0.096378	0.054064	0.124721	0.126762	0.085226
0.081738	0.090239	0.076143	0.055166	0.040972	0.072303	0.078922	0.130734	0.144269	0.095524
0.073033	0.079849	0.060073	0.035813	0.069681	0.054952	0.088955	0.076154	0.097376	0.088435
0.059202	0.06829	0.071706	0.077233	0.072868	0.025362	0.091326	0.08637	0.072862	0.084036
0.063531	0.071057	0.082652	0.112183	0.076302	0.05964	0.066842	0.089518	0.082421	0.082289
0.060736	0.044275	0.051843	0.081274	0.100553	0.072205	-0.00209	0.056705	0.061782	0.095588
0.049039	0.058137	0.063582	0.069881	0.100423	0.106293	0.039928	0.073542	0.06877	0.087762
0.062874	0.079447	0.060589	0.08429	0.092812	0.063031	0.058275	0.084168	0.06215	0.027616
0.038306	0.050164	0.052012	0.044119	0.063397	0.047261	0.070717	0.063424	0.0567	0.034627
0.025522	0.005734	0.046738	0.008713	0.032276	0.044986	0.041708	0.031803	0.041506	0.05048
0.035686	-0.02178	0.026527	0.027592	0.021209	0.032349	0.05064	0.038866	0.058061	0.060905
0.044684	0.017583	0.034304	0.041841	0.011417	0.036707	0.074466	0.063953	0.114152	0.089658
-0.03618	0.041617	0.042774	0.020873	0.01316	0.056976	0.023421	0.052524	0.095363	0.079043
-0.06773	0.02556	0.010524	0.007536	-0.00466	0.050893	-0.00245	0.015009	0.057754	0.045398
0.024265	0.021536	-0.00562	0.017715	0.011575	0.020383	-0.00146	0.031548	0.058407	0.036621
0.032343	0.008334	-0.00973	0.004024	0.023425	-8.32E-05	-0.00211	0.007752	0.040086	0.034236
-0.01121	-0.04296	-0.04409	-0.01557	0.026016	0.015166	0.008753	-0.0402	0.003083	0.007955
-0.01701	-0.05558	-0.0021	7.21E-04	0.004272	0.014684	0.036317	-0.02318	0.002542	0.031181
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-0.01194	-0.01002	-0.00965	-0.07706	-0.04673	-0.02344	-0.01028	0.003879	0.008102	0.004661
-0.00184	-0.01718	-0.02089	-0.00392	-0.01006	0.01434	0.002397	0.009166	0.015244	-0.04138
9.79E-04	-0.01717	-0.03064	-0.02867	-0.02125	-0.00546	4.46E-04	0.025319	0.022418	-0.03183
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-0.0498	-0.03049	-0.02999	-0.01372	-0.01379	-0.0134	0.012299	0.017766	-0.0203	-0.01729
-0.03044	-0.04082	-0.01844	-0.01077	-0.01898	-0.02903	-0.00613	0.002618	-0.01687	-0.02587
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-0.04097	-0.02204	-0.05555	-0.0443	-0.04535	-0.05267	-0.05141	-0.03104	-0.00706	-0.02304
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-0.05786	-0.04622	-0.07752	-0.07696	-0.04352	-0.05378	-0.06208	-0.05589	-0.05705	-0.04923
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-0.02131	-0.01111	-0.02485	-0.03046	-0.06643	-0.04055	-0.04634	-0.0717	-0.04821	-0.05887
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0.007084	1.00E-03	0.006606	0.013983	0.033605	0.008127	-0.03207	-4.17E-04	-0.00904	-0.04641
0.034219	0.025755	0.031309	0.065004	0.103866	0.052786	-0.00143	0.022122	0.021111	-0.01047
0.009229	0.012117	0.016962	0.038762	0.020293	0.059773	0.031358	0.00306	0.016935	-0.00483
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0.007526	-0.00641	-0.00743	0.005526	0.063793	0.031579	0.008753	-0.00931	0.023852	0.006035
0.023242	0.036332	0.034592	0.01999	0.096366	0.074924	0.019213	0.026504	0.05344	-0.0106
0.068041	0.079226	0.066771	0.053688	0.08226	0.07774	0.061564	0.085546	0.08165	0.021203
0.058303	0.053726	0.052068	0.063014	0.051172	0.046724	0.078513	0.062877	0.055668	0.050963
0.026817	0.017705	0.04878	0.058326	0.02218	0.031346	0.043872	0.011122	0.015436	0.027488
0.035251	0.030841	0.068111	0.055823	0.028421	0.030096	0.032919	0.019196	0.026308	0.015951
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0.03643	0.097001	0.045647	0.011569	0.051538	0.066623	0.031798	0.026953	0.037716	0.025261
0.100363	0.114227	0.095868	0.080439	0.079744	0.103265	0.107184	0.074204	0.073538	0.066453
0.104827	0.06587	0.068793	0.09183	0.05123	0.07524	0.09371	0.060538	0.066395	0.096552
0.088281	0.064084	0.051318	0.063415	0.04837	0.078337	0.067379	0.042282	0.068789	0.0767
0.07575	0.086551	0.083962	0.06374	0.075772	0.0822	0.066643	0.059935	0.071593	0.055115
0.092416	0.101539	0.098031	0.052699	0.059356	0.058401	0.042572	0.058811	0.041765	0.036117
0.078483	0.109103	0.096595	0.029213	0.033661	0.044617	0.024845	0.058037	0.046281	0.05191
0.077823	0.075252	0.088751	0.060522	0.067936	0.076945	0.054508	0.091977	0.091905	0.089489
0.086463	0.036477	0.059672	0.074912	0.069019	0.050855	0.089436	0.093568	0.087014	0.103449
0.086585	0.037005	0.05849	0.066925	0.036351	0.060863	0.111152	0.095081	0.089236	0.110413
0.082101	0.023455	0.053063	0.085956	0.054225	0.09171	0.083134	0.085546	0.093422	0.111988
0.074459	9.33E-04	0.029792	0.059593	0.069139	0.060824	0.082886	0.067771	0.02654	0.048594
0.053552	0.050465	0.063236	0.054754	0.050576	0.049996	0.062843	0.04969	0.031297	0.030701
0.043833	0.076267	0.067606	0.076898	0.057144	0.042924	0.04709	0.052219	0.083763	0.059131
0.082364	0.09129	0.07055	0.060579	0.039713	0.03418	0.036873	0.058636	0.118322	0.109727
0.117495	0.086694	0.050253	0.026345	0.003615	0.038031	0.044079	0.040218	0.073916	0.092581
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0.057825	0.068818	0.07789	0.076583	0.040145	0.030007	0.018928	0.001191	0.021093	0.034682
0.002506	0.027479	0.023918	0.034399	0.029592	0.05709	0.017771	-2.82E-04	0.009679	0.008602
0.004308	0.032387	0.041875	0.011823	0.016099	0.051923	0.022199	0.020381	0.057064	0.046085
0.056586	0.037332	0.051805	0.009961	0.020419	0.04858	0.050027	0.063796	0.064969	0.069647
0.030906	-0.01193	-0.01175	0.010925	0.016685	0.019199	0.046293	0.059819	0.022825	0.048056
0.023119	0.003908	0.013225	0.032136	0.014875	0.030685	0.061505	0.048175	0.023746	0.032437
0.051478	0.049564	0.052481	0.030947	0.02015	0.058268	0.074729	0.045501	0.043228	0.034552
0.014569	0.022169	0.001202	0.014597	0.015318	0.044893	0.059662	0.031457	0.05958	0.043533
0.029241	0.008658	-0.03817	0.013369	0.043518	0.039631	0.035002	0.016254	0.049676	0.052258
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0.057405	0.05382	0.057009	0.071649	0.085395	0.077979	0.054779	0.050943	0.079426	0.086125
0.02215	0.024975	0.063678	0.06462	0.043027	0.046964	0.05699	0.051628	0.040472	0.068078
0.036576	0.040826	0.106789	0.07056	0.066917	0.044469	0.058704	0.070408	0.049338	0.071729
0.064984	0.054275	0.093531	0.081593	0.091627	0.043145	0.053755	0.073682	0.049507	0.039866
0.028955	0.048311	0.017585	-0.01854	0.047395	0.061227	0.059564	0.032513	0.026844	0.037669
0.045778	0.062073	0.023496	-0.02546	0.047758	0.072244	0.049683	0.051571	0.076953	0.085686
0.089901	0.070526	0.06264	0.071727	0.078368	0.054178	0.049129	0.093443	0.114305	0.113368
0.062006	0.045944	0.078667	0.088884	0.064587	0.029776	0.044702	0.077203	0.065848	0.071142
0.023859	0.05116	0.111537	0.087953	0.067436	0.082561	0.085059	0.060946	0.029927	0.070475
0.091445	0.091435	0.101547	0.064774	0.075833	0.123102	0.119132	0.088563	0.057831	0.084286
0.082101	0.072774	0.066267	0.022173	0.035013	0.063319	0.07483	0.093086	0.095656	0.069385
0.071474	0.081056	0.084346	0.035741	0.030399	0.03427	0.041257	0.067198	0.117859	0.088372
0.108523	0.124883	0.118014	0.10019	0.101871	0.089231	0.071742	0.11016	0.145864	0.102883
0.094321	0.068094	0.07381	0.112546	0.100812	0.078955	0.092211	0.117679	0.10194	0.087489
0.074578	0.05454	0.097739	0.109647	0.058297	0.083649	0.092654	0.059101	0.048905	0.09273
0.102473	0.082853	0.145051	0.127539	0.065701	0.117834	0.111152	0.083942	0.096872	0.121493
0.122162	0.095728	0.113757	0.110349	0.080073	0.0628	0.099912	0.118989	0.119692	0.095289
0.090559	0.136539	0.086269	0.026012	0.063556	0.058325	0.086347	0.07779	0.088453	0.072845
0.115158	0.169021	0.123903	0.038708	0.100316	0.134673	0.099161	0.061764	0.101367	0.120925
0.125964	0.113488	0.144169	0.131319	0.127729	0.146655	0.117274	0.089788	0.080193	0.122471
0.042947	0.047545	0.106471	0.134637	0.116909	0.091443	0.123687	0.11624	0.094465	0.114351
0.0681	0.094541	0.156656	0.145368	0.103302	0.139348	0.166065	0.127933	0.133836	0.159329
0.139641	0.137066	0.166842	0.174144	0.119042	0.120416	0.155497	0.121756	0.134866	0.152712
0.109941	0.129612	0.096013	0.128425	0.116058	0.052974	0.104898	0.121353	0.126965	0.110989
0.090559	0.135898	0.106024	0.095887	0.128948	0.075142	0.066106	0.116947	0.167767	0.120563
0.106063	0.112924	0.127815	0.129114	0.129247	0.113189	0.089311	0.135468	0.153999	0.121493
0.078383	0.071353	0.10397	0.139776	0.113672	0.132118	0.111857	0.137181	0.09505	0.104649
0.023842	0.060687	0.110506	0.139298	0.093597	0.132231	0.1458	0.13883	0.112647	0.146411
0.091342	0.10934	0.15321	0.151852	0.096815	0.094513	0.154401	0.162268	0.164811	0.161964
0.130769	0.11895	0.124811	0.141487	0.116752	0.012505	0.109613	0.101529	0.12405	0.096102
0.096945	0.12357	0.087325	0.06872	0.079785	0.059182	0.107904	0.05823	0.105501	0.117761
0.123048	0.155802	0.074027	0.08771	0.134441	0.13944	0.113737	0.090787	0.141538	0.149138
0.07248	0.129364	0.095765	0.09733	0.125644	0.11518	0.084334	0.104616	0.081123	0.085581
0.062642	0.059535	0.092727	0.080936	0.052754	0.075418	0.116292	0.084209	-0.00899	0.071547
0.088998	0.045164	0.110656	0.113553	0.061875	0.070362	0.142592	0.098993	0.034267	0.090926
0.084611	0.078825	0.091719	0.118837	0.098658	0.026068	0.081259	0.133324	0.117111	0.088983
0.085119	0.0934	0.051824	0.079843	0.064051	0.044691	0.062803	0.079736	0.105715	0.112767

0.044129	0.07029	0.075845	0.048342	0.048447	0.093522	0.031266	0.032623	0.084375	0.123474
0.04186	0.013408	0.092707	0.074657	0.065541	0.113211	0.039984	0.044431	0.089339	0.128016
0.064073	0.016037	0.067392	0.071785	0.074734	0.085914	0.054296	0.060401	0.051091	0.075575
0.064906	0.046576	0.074264	0.038943	0.07997	0.100405	0.106007	0.095187	0.033106	0.086104
0.028633	0.020991	0.087406	0.08941	0.126536	0.09984	0.079802	0.100526	0.05647	0.097669
0.031948	0.033885	0.073593	0.091667	0.10038	0.065364	0.076414	0.108963	0.081711	0.069647
0.027796	0.045795	0.061929	0.057987	0.053877	0.093151	0.100019	0.095692	0.09595	0.102274
0.026426	0.057374	0.046423	0.022782	0.060554	0.139073	0.10935	0.103005	0.132193	0.137481
0.057711	0.046446	0.052762	0.0071	0.054827	0.09696	0.084976	0.115864	0.12843	0.081253
0.070609	0.020115	0.064642	0.065234	0.057085	0.090356	0.103467	0.121308	0.09866	0.100582
0.063434	0.005887	0.079485	0.070852	0.041367	0.094989	0.111306	0.111776	0.090951	0.127095
0.058092	0.030482	0.023022	0.057289	0.023497	0.063724	-6.28E-04	0.061218	0.073299	0.075881
-5.92E-04	0.016245	0.009044	0.007822	-0.03467	0.054084	-0.00192	0.03173	0.032544	0.032382
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-0.01142	0.010863	0.022689	0.05827	0.029317	0.088231	0.053254	0.076376	0.066121	0.056365
0.006083	0.018298	0.020156	0.004857	0.017379	0.03745	6.17E-04	0.05711	0.071593	0.054141
0.029992	0.031865	0.018539	-0.02111	0.015868	0.008924	-0.00161	0.037204	0.05363	0.057932
0.025823	0.012529	0.039428	0.044046	0.040145	0.032331	0.013054	0.041277	0.033723	0.044065
-0.02541	-0.01292	-8.12E-04	0.026415	0.02015	0.031436	-0.02678	0.018648	0.014462	0.022938
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-0.00835	-0.0431	-0.05512	-0.05974	-0.07129	-0.05977	-0.04116	-0.04731	-0.04385	-0.0252
-0.06277	-0.10079	-0.10192	-0.06606	-0.0832	-0.06033	-0.055	-0.08166	-0.08289	-0.06917
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-0.06551	-0.06466	-0.07366	-0.08236	-0.05491	-0.05968	-0.0857	-0.08741	-0.08526	-0.04967
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-0.02276	-0.01971	-0.01816	-0.03314	0.016419	0.004683	-0.01672	-0.02733	-0.01687	-0.05462
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0.010853	-0.01668	-0.02118	-0.02885	-0.03868	-0.05345	-0.02419	-0.00994	-0.02528	-0.02146
0.020851	-0.02204	-0.01189	-0.01546	-0.01193	0.004279	-0.00745	-0.01286	-0.00972	-0.0068
0.008087	-0.01936	-0.0023	-0.03552	-0.00347	0.006199	0.007936	-0.0187	-0.04156	-0.01364
6.28E-04	0.00592	-0.00491	-0.05502	0.015017	-0.00118	0.003667	0.019196	-0.02967	-0.03931
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-0.02364	-0.00764	-0.00724	0.005041	-0.00795	0.009604	-0.02623	-0.01116	-0.04464	-0.01979
-0.00383	-0.01176	-0.03335	-0.00164	-0.00162	-0.0075	-0.01928	0.017872	0.010091	0.00279
0.033046	0.016332	-0.01531	-0.00795	-0.01056	-0.01909	0.004201	0.017238	0.014636	0.021095
0.02252	0.013011	0.017169	-0.00713	-0.01028	0.002201	0.010846	-0.00301	0.01004	0.031827
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0.00824	0.023208	0.008315	-0.04346	0.011048	-0.00353	-0.0235	-0.0036	0.019615	0.00546
0.047508	0.035134	0.014358	-0.02497	0.019057	0.011325	-0.01157	-0.03639	-0.01379	-0.00105
0.001566	-0.00282	0.00801	-0.03488	0.018057	0.003306	-0.0017	-0.00516	-0.01569	-0.02343
0.012638	0.032874	-9.28E-04	-0.02266	0.013284	-0.0055	0.017985	0.072622	0.050845	0.015061
0.053646	0.064472	0.007265	0.024857	0.014468	0.003709	0.040265	0.065701	0.072564	0.047328
0.026817	0.039414	0.008111	0.018644	-0.00124	0.029188	0.023259	0.001242	0.033233	0.033698
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0.007373	0.055641	0.069183	0.018455	0.013195	0.060404	0.079556	0.028504	0.052662	0.068178
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0.016335	0.023084	0.02635	0.028067	0.012719	0.035117	0.025713	0.063111	0.072207	0.089236
0.088322	0.081177	0.062025	0.03242	-0.03172	0.034775	0.071239	0.054169	0.049375	0.093304
0.108072	0.098928	0.081607	0.040028	-0.06757	-0.00532	0.064837	0.027404	0.014983	0.052995
0.083172	0.101307	0.103928	0.042951	0.001532	0.055084	0.072285	0.036211	0.071296	0.076598
0.054252	0.075093	0.096969	0.050524	0.05508	0.092039	0.074628	0.06274	0.102173	0.096488
0.059355	0.047564	0.071412	0.081214	0.054885	0.106888	0.093435	0.092981	0.108294	0.09782
0.073805	0.092716	0.101001	0.103319	0.109842	0.152216	0.113936	0.108355	0.113737	0.0686
0.143042	0.202848	0.194339	0.176889	0.138801	0.148594	0.123189	0.138272	0.151612	0.074044
0.214636	0.174633	0.157755	0.207909	0.108918	0.08373	0.130542	0.093233	0.090227	0.049132
0.187151	0.078084	0.085924	0.14332	0.088468	0.059563	0.108364	0.059974	0.02928	0.042017
0.109811	0.066591	0.089036	0.058062	0.041273	0.085144	0.096363	0.048175	0.068258	0.076147
0.092147	0.064627	0.072432	0.043498	0.014769	0.044893	0.052541	0.059508	0.074833	0.078692
0.059431	0.050202	0.025079	0.025241	0.027837	0.02369	-0.00212	0.022603	0.044138	0.025079
0.027048	0.064258	0.022584	-0.0129	0.064547	0.050837	0.010653	0.019372	0.075112	0.037706

0.051798	0.123814	0.08481	0.031408	0.074978	0.070734	0.054064	0.069554	0.124139	0.11482
0.066812	0.090425	0.072983	0.083609	0.04816	0.04871	0.0607	0.083307	0.072048	0.085038
0.041015	0.029139	0.027252	0.078556	0.049021	0.05709	0.083258	0.0646	0.015732	0.038475
0.002724	0.00347	0.056838	0.048508	0.019397	0.079474	0.070276	0.034798	0.021234	0.056893
0.037376	0.025223	0.079785	0.086621	0.023479	0.050108	0.036057	0.042376	0.033723	0.045741
0.045129	0.027088	0.029489	0.062195	0.039413	0.034126	0.025695	0.027908	0.019808	0.016076
0.011608	0.022503	0.023373	0.00464	0.047777	0.037486	0.012949	0.020204	0.04883	0.028055
0.07175	0.076666	0.053778	0.009573	0.03187	0.063261	0.056834	0.042301	0.080032	0.051562
0.083577	0.057068	0.063216	0.047034	0.032276	0.050033	0.059838	0.070866	0.014844	-0.0025
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0.070314	0.039341	0.071	0.052606	-0.03434	0.035406	0.082618	0.066804	0.028293	0.021041
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0.013172	-0.01826	0.020801	0.029637	1.43E-04	0.00571	0.005563	0.01389	0.070228	0.032104
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0.03469	0.046744	0.04548	0.028419	0.048447	0.049231	0.035779	0.014869	0.051772	0.043761
0.053571	0.005785	0.037121	0.012519	0.061342	0.028957	0.047623	0.035348	0.017809	0.029928
0.032235	-0.03313	0.009707	0.007671	0.035365	0.009519	0.060896	0.059411	0.018229	0.064696
0.024884	0.001419	0.037067	0.060199	0.06148	0.049269	0.060739	0.062642	0.044082	0.069607
0.053042	0.052686	0.016685	0.057026	0.093788	0.079794	0.055592	0.063111	0.066317	0.036453
0.015105	0.021659	-0.00711	0.020821	0.039582	0.043623	0.034928	0.03445	0.058714	0.050268
0.023983	0.024621	0.032616	-0.00192	-0.00412	0.073109	0.056873	0.045538	0.074613	0.075248
0.092974	0.067215	0.054399	0.022243	0.040164	0.097668	0.076515	0.058501	0.06382	0.067114
0.055902	0.03526	0.013071	0.035508	0.04975	0.024341	0.018803	0.016535	-0.0047	0.004418
0.023418	-8.56E-04	-0.01561	0.031852	0.006229	-0.08224	-0.00554	0.020718	-0.01037	0.009426
0.041566	0.013649	0.010848	0.067657	0.003736	-0.08163	0.024918	0.057998	0.040915	0.033568
0.047061	0.041451	0.037121	0.059347	0.051866	0.025098	0.011283	0.05767	0.049319	0.016557
0.005541	0.010812	0.020051	0.013438	0.013107	0.025186	6.17E-04	0.025211	0.013179	0.003309
-0.01072	-0.00618	0.034268	0.023078	-0.03	0.016184	0.015062	-0.0104	-0.00138	0.02169
0.034093	0.021659	0.052105	0.050061	-0.00914	-0.00678	0.003427	-0.00531	0.004269	0.00757
0.07114	0.068153	0.035602	0.02442	0.011312	0.015545	-0.00796	-0.00641	0.008376	0.001806
0.011831	0.055641	0.003946	-0.00292	0.007133	-9.31E-04	0.007623	0.014834	-0.00335	-0.00395
-0.00496	0.014029	-0.0081	0.001267	0.01713	-0.02436	0.016016	0.049804	0.015801	-0.00788
-0.0177	-0.02065	-0.02581	-0.01695	0.011048	-0.01131	-0.00581	-4.85E-04	0.00454	-0.0178
-0.02192	-0.03186	-0.05174	-0.03764	-0.0257	-0.02694	-0.00994	-0.02864	-0.05365	-0.02503
-0.00113	-0.01217	-0.00422	-9.79E-04	-0.03574	-0.00265	0.018928	0.014991	-0.00441	0.020608
0.023912	0.025666	0.013929	0.02089	-0.01264	0.011718	-0.00493	0.024692	0.051337	0.010357
-0.02048	0.002948	0.002906	-0.01896	-0.01959	0.006841	-0.00592	-0.00187	0.009421	-0.06111
-0.02184	-0.00141	-0.00265	-0.03167	-0.01425	0.005204	5.83E-04	-0.00293	-0.01533	-0.09274
0.001331	0.030733	0.008332	0.007083	0.026088	0.014254	0.005011	0.008873	0.008068	-0.02919
-0.0446	0.006837	-1.40E-05	0.009202	0.008597	0.01906	7.02E-04	-0.02146	-0.02562	-0.03154
-0.05553	-0.03091	-0.05351	-0.01852	-0.03689	-0.02832	-0.01542	-0.03611	-0.02487	-0.03247
-0.02437	-0.0502	-0.04368	-0.00174	-0.02492	-0.02459	0.002705	0.031585	0.037277	0.016254
-0.0379	-0.02306	-0.02113	0.011247	0.01954	0.0019	-0.00297	0.03348	0.024581	0.040601
-0.05441	-0.04369	-0.03782	-0.03224	-0.01497	-0.02669	-0.0286	-0.03178	7.72E-04	0.055759
-0.04068	-0.04321	-0.02254	-0.06753	-0.01965	-0.01559	-0.03733	-0.03642	0.05739	0.054278
-0.01945	0.007159	0.009469	-0.03702	0.019558	0.019425	-0.00572	8.69E-04	0.086132	0.066634
-0.01081	-0.00476	0.009418	-0.02191	-0.00364	-0.00778	-0.00896	-0.00785	0.03211	0.014866

-0.02688	-0.03577	-0.01356	-0.03012	-0.02036	-0.02476	-0.02261	-0.00497	-4.71E-04	-0.02567
0.005271	0.022926	0.028618	0.020232	0.023569	0.00334	0.011283	0.039662	0.013751	-0.00921
0.029241	0.039231	0.047183	0.019282	0.022144	0.013567	0.023673	0.006635	0.009782	-0.01054
0.001247	-0.02158	-0.01339	-0.00336	-0.01939	-0.01666	-0.00306	-0.03822	3.18E-04	0.015186
-7.25E-04	-0.03203	-0.02002	-0.00967	-0.053	0.010114	0.017789	-0.02984	0.018211	0.002825
-0.01442	-0.02736	-0.00575	0.004174	-0.04321	0.024429	0.04953	0.029227	0.040841	0.011873
-0.01672	-0.03259	-0.04824	-0.01122	-0.04493	-0.02596	0.001472	0.025606	0.044733	0.023445
-0.04705	-0.05118	-0.05454	-0.04782	-0.04009	-0.01432	-0.02089	0.007752	0.036728	0.021239
-0.05686	-0.01699	-0.00908	-0.03696	0.008213	0.028797	-0.00262	0.018083	0.059638	0.060254
-0.00471	0.029246	0.048018	0.015605	0.028092	0.025927	0.008492	0.032386	0.033596	0.024134
0.005914	-0.00794	-0.00502	0.00261	0.012349	-0.02055	0.006583	0.006703	-0.03057	-0.04873
-0.00895	-0.03426	-0.04068	-0.02424	-0.02393	-0.01727	-0.00485	-0.02189	-0.02707	0.005965
0.013827	-0.04831	-0.01402	-0.01763	-0.06069	0.007415	0.03123	0.018471	-9.41E-04	0.044198
0.019451	-0.03288	-0.01645	0.008108	-0.05036	-0.00257	0.028818	0.006686	2.84E-04	0.006575
-0.01194	7.82E-04	-0.03952	-0.00103	-0.02345	-0.00677	-0.00424	-0.00116	0.029478	0.010533
-0.05181	-0.00786	-0.02744	-0.00224	-0.00594	0.006452	0.002465	0.026306	0.045703	0.044408
-0.05789	-0.02505	-0.01234	-0.01289	0.002788	0.008805	0.011178	0.03064	0.002796	0.015631
-0.03162	-0.02511	-0.01717	0.001764	0.009069	-0.02984	-0.0066	0.014257	-0.00486	-0.01249
-0.02147	-0.05658	-0.01204	0.02916	-0.00401	-0.04645	0.023655	0.011122	0.009336	0.013128
0.007254	-0.03643	-0.00978	-0.00766	0.011364	-0.00879	0.030278	0.015499	0.014775	0.007273
0.037376	0.022362	-0.00789	-0.04911	-0.00134	0.004162	0.0087	0.011973	-0.01578	-0.0226
0.030906	-0.01061	0.019929	-0.0239	-0.0517	-0.0218	-4.74E-04	0.008562	-0.0069	-0.01106
0.048796	-0.01744	0.038482	0.012961	-0.00931	0.01331	-0.00854	-0.02065	0.007162	0.017665
0.081617	0.037952	0.042957	0.043863	0.065004	0.04027	0.012492	0.006223	0.032925	0.029358
0.060909	0.06451	0.038955	0.049709	0.071958	0.02545	0.027362	0.05005	0.020741	0.014617
0.089696	0.081681	0.045333	0.087085	0.064905	0.021744	0.061387	0.061842	0.016743	1.71E-04
0.137848	0.120227	0.088792	0.099982	0.081124	0.050089	0.068196	0.079675	0.058387	-0.00264
0.125451	0.131033	0.112161	0.098861	0.10861	0.088211	0.075134	0.042413	0.068848	0.03664
0.143669	0.098257	0.133658	0.131274	0.109578	0.137678	0.130036	0.069356	0.073617	0.081543
0.202936	0.144324	0.206744	0.191006	0.161385	0.164334	0.142119	0.117479	0.080294	0.084933
0.187692	0.214992	0.185225	0.179426	0.230922	0.214341	0.191463	0.148483	0.132398	0.103297
0.192298	0.20405	0.129716	0.168487	0.237555	0.241089	0.238698	0.21015	0.175925	0.108822
0.246446	0.249071	0.175824	0.234949	0.233815	0.176375	0.186116	0.203804	0.228377	0.18202
0.209788	0.254114	0.263462	0.220834	0.184631	0.134968	0.135616	0.158427	0.168237	0.21174
0.206981	0.196284	0.204021	0.172471	0.162354	0.137861	0.165366	0.188581	0.145629	0.218476
0.276424	0.211686	0.187883	0.190366	0.228511	0.25153	0.293343	0.284743	0.261981	0.253846
0.258851	0.286635	0.212077	0.233929	0.31765	0.331057	0.316357	0.285558	0.294516	0.199063
0.212996	0.279545	0.246324	0.296954	0.309442	0.241611	0.187768	0.228447	0.279172	0.159007
0.236915	0.322036	0.279845	0.293533	0.263672	0.231289	0.191966	0.247937	0.299676	0.259365
0.275951	0.328008	0.295948	0.199467	0.199899	0.232197	0.211973	0.214757	0.251606	0.311138
0.245651	0.232882	0.217642	0.209324	0.197573	0.187835	0.191489	0.201754	0.220242	0.210066
0.303858	0.213541	0.13887	0.272691	0.272654	0.196117	0.2374	0.243471	0.263026	0.1664
0.339047	0.262508	0.246089	0.295908	0.324497	0.315544	0.285606	0.261002	0.284151	0.264135
0.258911	0.271567	0.305455	0.23492	0.262011	0.303433	0.236135	0.244509	0.292107	0.286469
0.192089	0.310368	0.299182	0.232207	0.291494	0.312459	0.259081	0.226192	0.290367	0.308614
0.266251	0.337832	0.318208	0.257497	0.286964	0.303333	0.30105	0.237001	0.27618	0.332576
0.31683	0.263979	0.287193	0.241951	0.214965	0.226919	0.26247	0.282371	0.278215	0.286934

0.353471	0.260615	0.227246	0.269487	0.261011	0.251382	0.286693	0.339236	0.286257	0.250073
0.296687	0.293778	0.309201	0.343257	0.336179	0.371257	0.339131	0.35065	0.336705	0.319192
0.221342	0.28871	0.377441	0.296039	0.292333	0.366589	0.343509	0.295662	0.352335	0.355362
0.229399	0.326552	0.37114	0.2894	0.265971	0.304908	0.344111	0.271745	0.417247	0.38843
0.313173	0.360274	0.363776	0.354125	0.340094	0.369384	0.429253	0.424452	0.417555	0.410532
0.362885	0.273414	0.270071	0.342494	0.313262	0.32786	0.351594	0.464388	0.355522	0.357821
0.322446	0.312972	0.226377	0.263481	0.365505	0.356002	0.263188	0.377392	0.356589	0.299141
0.343188	0.373425	0.333709	0.336973	0.404752	0.404402	0.373679	0.295362	0.295643	0.345929
0.306896	0.301073	0.416119	0.360514	0.322947	0.35142	0.395716	0.323211	0.315428	0.333131
0.248691	0.299404	0.362701	0.289303	0.288225	0.377917	0.324344	0.254117	0.322041	0.282435
0.26505	0.35091	0.340577	0.287764	0.289823	0.35604	0.303959	0.291341	0.342579	0.319049
0.374482	0.260402	0.274555	0.335541	0.290424	0.2752	0.23059	0.256461	0.288503	0.301541
0.276203	0.29731	0.271002	0.246615	0.340581	0.268481	0.159837	0.21874	0.32519	0.296448
0.234988	0.27188	0.237958	0.215244	0.33722	0.264762	0.248075	0.286015	0.316785	0.294447
0.251783	0.188499	0.219927	0.266428	0.238266	0.200318	0.23059	0.235196	0.273051	0.290943
0.256311	0.218987	0.245298	0.201247	0.153271	0.215569	0.182623	0.182746	0.194709	0.301129
0.182167	0.165972	0.22314	0.209377	0.12688	0.250019	0.237311	0.212185	0.211873	0.291346
0.178447	0.209676	0.143498	0.21093	0.20489	0.223873	0.224944	0.247698	0.218877	0.180066
0.149335	0.187133	0.140729	0.145092	0.202047	0.157898	0.181404	0.191331	0.189715	0.130468
0.044203	0.156425	0.157157	0.08646	0.158392	0.163024	0.096832	0.123618	0.180863	0.154669
0.10296	0.160519	0.148947	0.09992	0.109754	0.079834	0.056621	0.091873	0.132923	0.159155
0.173437	0.101244	0.146284	0.137958	0.124867	0.114616	0.100728	0.091163	0.060564	0.109108
0.159466	0.120448	0.092151	0.12434	0.115745	0.10238	0.130542	0.115776	0.057332	0.113101
0.114701	0.068838	0.118451	0.118381	0.115522	0.129219	0.134104	0.100526	0.089256	0.128963
0.098766	0.062016	0.049432	0.049432	0.10949	0.098001	0.049912	0.06785	0.071058	0.033401
0.046354	0.036914	-0.01442	-0.02447	0.00384	0.034144	0.067041	0.075812	0.05234	0.024352
0.053495	0.04228	0.039264	0.006949	0.012033	0.072578	0.068116	0.008597	0.064813	0.053014
0.071356	0.072615	0.105749	0.106092	0.0915	0.16611	0.136876	0.083061	0.104752	0.080446
0.065878	0.093172	0.056838	0.065694	0.068397	0.064013	0.072426	0.132865	0.102471	0.017719
0.007033	0.092654	0.053044	0.060218	0.078675	0.048617	-0.01207	0.038256	0.078842	0.012721
0.077903	0.069661	0.007011	0.092667	0.069139	0.02869	0.012966	0.013035	0.074933	0.030351
0.134715	0.067156	0.024533	0.042205	0.04975	0.049753	0.035335	0.012356	0.054181	0.016129
0.058551	0.022926	0.044595	-0.00902	0.018557	0.022865	0.026165	0.002091	-0.03795	-0.00449
-0.00292	0.002729	0.045591	0.032189	0.012437	-0.00206	0.06239	0.031512	-0.01351	0.039546
0.019976	0.015378	0.078249	0.061681	0.033014	0.023514	0.058841	0.050544	-0.00845	-0.00483
0.062855	0.047825	0.017031	-0.00475	-0.03429	0.01008	-7.98E-04	0.0126	0.022825	-0.01922
-0.02017	-0.01837	-0.02295	-0.03893	-0.06161	0.001867	-0.01539	0.004391	0.035633	-0.04536
-0.04877	-0.03408	-0.00626	-0.01306	0.00265	-6.32E-04	-0.03588	0.050031	0.047666	-0.00103
0.006354	0.030123	0.037484	-0.0107	0.020329	0.05431	-0.01705	-0.01502	-0.03232	0.017468
-0.0057	-0.00687	-0.00812	-0.04348	-0.03481	-0.03062	-0.02286	-0.02403	-0.05767	-0.0504
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-0.0191	0.004499	-0.00149	-0.02196	-0.02085	-0.02109	-0.00574	-0.03914	-0.05833	-0.01341
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-0.01208	-0.0237	-0.04089	-0.05739	-0.01836	-0.00951	-0.01625	-0.00444	-0.00995	-0.02609
0.011076	0.001654	-0.01288	-0.04442	0.031336	0.040489	-0.00523	0.030785	0.042024	-0.02916
0.020151	0.033595	0.008501	-0.03064	-0.01003	0.006047	-0.024	-0.00662	-5.89E-04	-0.0612
-0.04915	-0.03794	-0.01296	0.009034	-0.03651	-0.05315	-0.03461	-0.04425	-0.02566	-0.01686
-0.06322	-0.03016	0.023303	-0.01043	-0.04115	0.017654	0.011773	-0.02481	-0.02841	0.032808
0.007781	0.027105	0.046201	3.24E-04	-0.05932	0.027785	0.033968	-0.01504	-0.06	-0.019
-0.0239	-0.00192	-0.03385	-0.01407	-0.04678	-0.03688	-0.04999	-0.05944	-0.04811	-0.04646
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0.04315	-0.01581	-0.05482	-0.03459	-0.0365	-0.0352	-0.01493	-0.01113	-0.02151	-0.00315
-0.00502	-0.03319	0.020574	0.006446	-0.00513	0.024429	0.052233	0.012478	0.038376	0.042528
-0.03675	-0.00201	0.030237	0.0198	0.023895	-0.00506	-0.03254	0.020576	0.008924	0.057638
-0.02312	-0.00569	0.006336	-0.0148	-0.0696	-0.03085	-0.03237	0.023494	-0.02492	0.089573
-0.00713	-0.01185	0.015064	0.022417	-0.03443	0.059258	0.094028	0.109115	0.047741	0.092517
0.023171	-0.01726	-0.02042	0.033328	0.05098	0.050052	0.070697	0.052944	0.075892	0.033883
0.04803	0.049583	-0.01828	0.037267	0.071493	0.043751	0.053254	0.063581	0.096054	0.06991
0.079184	0.09554	0.046497	0.097682	0.097093	0.011496	0.070437	0.060363	0.057428	0.071
0.126589	0.128824	0.091001	0.096979	0.115477	0.073543	0.025315	0.073382	0.063625	0.091795
0.043612	0.042335	0.040376	0.029761	0.072767	0.078955	0.068695	0.074525	0.072088	0.135577
0.011676	-0.02921	0.065705	0.14014	0.061362	0.066506	0.137531	0.103649	0.100307	0.135764
0.090662	0.070604	0.130322	0.154271	0.125918	0.143703	0.147066	0.129844	0.122021	0.049382
0.135604	0.147599	0.106258	0.08233	0.120011	0.155988	0.112608	0.122831	0.131806	0.069506
0.13052	0.140472	0.082914	0.082211	0.132347	0.076786	0.048004	0.139669	0.145136	0.051639
0.129281	0.107837	0.065338	0.120054	0.096965	0.065287	0.068416	0.093233	0.103173	0.101796
0.069235	0.084982	0.080745	0.017319	-0.05482	0.009655	0.029292	0.024638	0.040159	0.035427
0.014638	0.040478	-0.02408	-0.02689	-0.05808	-0.07948	0.010374	0.029516	0.014931	-0.01806
0.036412	7.89E-05	-0.04553	-0.0063	-0.0081	-0.03468	-0.02815	0.00187	-0.0239	-0.02309
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0.282337	0.363699	0.362931	0.291494	0.284452	0.346922	0.356565	0.317131	0.349134	0.396015
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0.51066	0.438459	0.387715	0.381812	0.435736	0.417732	0.380997	0.44038	0.573084	0.590124
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-0.12016	-0.10541	-0.10253	-0.10153	-0.09389	-0.09611	-0.08567	-0.10889	-0.13472	-0.11047
-0.09329	-0.05425	-0.0293	-0.01335	-0.00998	-0.024	-0.05684	-0.06813	-0.05191	-0.05626
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-7.56E-04	-0.0664	-0.09679	-0.06384	-0.05994	-0.02893	-0.00648	-0.01547	-0.02266	-4.56E-05
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0.039162	0.020451	0.033747	0.021208	-0.00854	-0.01055	0.030512	0.02972	0.004436	0.026227
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0.060081	0.059672	0.019322	-0.0067	0.071626	0.063252	0.074466	0.069685	0.015608	9.09E-04
0.02886	0.063381	-0.0034	-0.01058	0.067608	0.049798	0.04489	0.061301	0.028809	0.030993
0.073419	0.051063	0.010542	0.032375	0.038303	-0.00695	0.017755	0.050069	0.014548	0.047281
0.12283	0.061171	0.047648	0.056237	0.048639	0.006761	0.056015	0.060809	0.018555	0.067017
0.123145	0.121992	0.111029	0.094641	0.124063	0.108097	0.102624	0.092554	0.076793	0.077904
0.070145	0.10617	0.091632	0.074197	0.137803	0.101632	0.064336	0.073928	0.089877	0.066878
0.092213	0.106064	0.079815	0.066245	0.1013	0.039887	0.017505	0.088966	0.109862	0.044649
0.094794	0.11207	0.091736	0.116139	0.10792	0.058385	0.051817	0.091305	0.109452	0.086756
0.048615	0.079593	0.068232	0.102284	0.082024	0.047058	0.055664	0.054531	0.06731	0.115381
0.07138	0.080904	0.01259	0.072282	0.053128	0.009095	0.060353	0.070691	0.054423	0.08836
0.127616	0.145855	0.091486	0.1096	0.040176	0.045137	0.13113	0.124197	0.062094	0.069528
0.083698	0.156541	0.148903	0.121981	0.079588	0.106449	0.130573	0.122764	0.053208	0.042766
0.068201	0.13712	0.143978	0.119503	0.11195	0.105167	0.054825	0.097284	0.093335	0.019352
0.107696	0.115654	0.119224	0.128133	0.124293	0.123894	0.05393	0.132854	0.142527	0.094901
0.092401	0.093681	0.096311	0.079559	0.106504	0.138902	0.134697	0.141781	0.142527	0.106454
0.085363	0.096723	0.052617	0.056119	0.079484	0.068278	0.097158	0.065941	0.062462	0.046769
0.136143	0.070566	0.040725	0.11162	0.084558	0.014129	0.065552	0.092872	0.04872	0.056048
0.152297	0.121729	0.141279	0.159876	0.1292	0.092526	0.150427	0.145572	0.117795	0.097857
0.097433	0.136125	0.15659	0.102568	0.104037	0.108006	0.162586	0.096899	0.145682	0.122119
0.074502	0.111067	0.108657	0.058791	0.106924	0.059253	0.09444	0.065642	0.137872	0.083049
0.109979	0.150313	0.110527	0.08411	0.169742	0.128539	0.10805	0.140928	0.152299	0.077863
0.116899	0.132929	0.073104	0.095262	0.115928	0.150888	0.151253	0.144186	0.132811	0.097217
0.110153	0.086227	0.035999	0.091357	0.090415	0.084378	0.123809	0.10954	0.087778	0.063829
0.12689	0.119919	0.07686	0.096464	0.100559	0.045587	0.117508	0.129726	0.089773	0.080869
0.133765	0.10457	0.071746	0.060015	0.07128	0.021144	0.132548	0.117996	0.131288	0.140296
0.099598	0.07592	0.071966	0.063428	0.097735	0.072696	0.10169	0.081898	0.119735	0.125744
0.102352	0.122626	0.097536	0.084215	0.161265	0.102457	0.07221	0.108835	0.115033	0.10249
0.114228	0.16025	0.154245	0.123831	0.176048	0.074995	0.079158	0.12832	0.115011	0.080192
0.057447	0.114019	0.144378	0.122665	0.115229	0.078783	0.073835	0.097842	0.091675	0.033837
0.074141	0.084479	0.053457	0.085659	0.069572	0.05053	0.078232	0.13652	0.092753	0.076459
0.111551	0.086529	0.043986	0.099721	0.109163	0.086761	0.11625	0.140454	0.076953	0.07874
0.085075	0.091291	0.080425	0.041957	0.109541	0.123238	0.103647	0.094316	0.083224	0.071813
0.039403	0.067701	0.079308	0.033843	0.09605	0.133497	0.079611	0.056672	0.08136	0.091124
0.063573	0.096909	0.106319	0.070861	0.109675	0.114659	0.049387	0.087623	0.116149	0.115759
0.083616	0.099704	0.109352	0.068537	0.083509	0.115624	0.099116	0.095574	0.126796	0.123656
0.077141	0.061494	0.053725	0.033638	0.045364	0.076674	0.087098	0.054181	0.075394	0.077028
0.083021	0.076786	0.049292	0.077785	0.04669	0.04066	0.084547	0.079609	0.070909	0.063987
0.095826	0.09759	0.076275	0.101066	0.083425	0.082072	0.095722	0.085053	0.096926	0.096068
0.057003	0.056125	0.088886	0.060371	0.083216	0.11157	0.075548	0.078151	0.098206	0.111489
0.049126	0.045015	0.070532	0.041862	0.047307	0.05445	0.057659	0.093381	0.081198	0.094414
0.05681	0.002351	0.051969	0.07567	0.083111	0.058022	0.061993	0.110687	0.082251	0.072497
0.016735	0.003748	0.042045	0.054633	0.058534	0.043399	0.058876	0.038089	0.065961	0.049757
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0.029929	0.021994	-0.0076	-0.002	0.012163	-0.03075	0.032746	0.069443	0.039991	0.030664
0.039051	0.043443	0.032488	0.031449	0.002703	-0.04007	0.036184	0.050819	0.05715	0.060684

0.013424	0.033254	0.053496	0.022838	0.010018	-0.01201	0.030972	0.025941	0.055032	0.051997
8.85E-04	0.032827	0.052827	-0.01689	0.053949	0.022887	0.016416	0.036522	0.041944	0.045859
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0.017157	0.032969	0.027923	0.008948	0.058237	0.038902	-0.0091	-0.00667	0.042166	0.044008
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0.088131	0.041586	0.028789	0.067571	0.020039	0.001085	0.025258	0.046947	0.027253	0.054558
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0.056752	0.036115	0.06406	0.048239	0.032806	0.029705	0.035289	0.042789	0.02103	0.056086
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0.048672	0.037949	0.072245	0.091697	0.02865	0.025534	0.027356	0.051339	0.045338	0.065806
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0.050435	0.055093	0.035504	0.051444	0.062488	0.029536	0.027502	0.003981	0.011817	-0.02308
0.014385	0.04474	0.045278	0.020053	0.011329	0.030783	3.51E-04	-0.05432	-0.02731	0.004319
0.028933	0.063037	0.084902	0.045402	0.021489	0.042426	0.029023	0.001087	0.035928	0.081957
0.060762	0.069712	0.080079	0.073462	0.050538	0.006564	0.032265	0.06312	0.091364	0.069388
0.050759	0.041404	0.019959	0.036999	0.050926	-0.015	1.79E-04	0.003187	0.048401	0.011867
0.028824	0.012954	0.005738	0.031394	0.029204	-0.01731	0.012017	0.012745	0.026236	0.032936
-0.01765	0.023979	0.018351	0.026079	0.029722	0.00567	0.029647	0.046547	0.052943	0.03559
-0.0237	-0.01975	0.012781	0.008509	0.00977	0.023129	-0.00155	-0.05736	-0.01094	0.004164
0.015962	-0.01871	0.016171	0.030229	0.001626	0.042426	0.007418	-0.05233	-0.01537	0.021477
0.050663	0.040261	0.037102	0.044543	0.041505	0.033079	0.018865	0.031927	0.064228	0.055099
0.092757	0.069266	0.047422	0.027819	0.049374	0.002998	0.003662	0.037921	0.063315	0.039751
0.099875	0.081143	0.068905	0.053678	0.062968	0.005509	0.023878	0.051281	0.040506	0.026498
0.102266	0.086812	0.094017	0.089111	0.048735	0.019407	0.069684	0.060257	0.050092	0.008728
0.079553	0.089867	0.072764	0.072994	0.052835	0.028198	0.029757	0.04932	0.018415	0.006198
0.062693	0.065315	0.06687	0.048585	0.040479	0.030688	0.010062	0.027635	0.010613	0.066759
0.07382	0.070702	0.101809	0.056786	0.045345	0.069622	0.042536	0.040301	0.074617	0.089803
0.098493	0.079534	0.087664	0.076921	0.092228	0.064049	0.010713	0.04649	0.076053	0.07117
0.083862	0.044814	0.044884	0.088414	0.111436	0.032832	-0.0163	0.082747	0.0541	0.037721
0.079269	0.029262	0.068054	0.09274	0.092891	-0.00561	0.01874	0.092702	0.040727	0.019851
0.089751	0.049803	0.074667	0.056805	0.059108	-0.00996	0.017665	0.075881	0.059932	0.057406
0.104155	0.094624	0.078112	0.050592	0.059207	0.027859	0.048733	0.069604	0.065805	0.053748
0.066147	0.089177	0.11068	0.093892	0.071035	0.06834	0.105066	0.0549	0.054081	0.085302
0.083636	0.092045	0.111903	0.110664	0.117964	0.106494	0.106007	0.054278	0.056118	0.099953
0.093155	0.098894	0.097727	0.080221	0.125076	0.053232	0.087833	0.082105	0.074716	0.058301
0.07378	0.114277	0.086982	0.089576	0.108519	0.038459	0.089222	0.127148	0.10358	0.038651
0.118875	0.154487	0.100274	0.102459	0.105996	0.095087	0.128745	0.130859	0.136194	0.064658
0.136375	0.172872	0.08843	0.076408	0.095425	0.077622	0.117104	0.12662	0.161882	0.107849
0.098811	0.109089	0.099657	0.088773	0.070344	0.048101	0.110832	0.106399	0.095753	0.113032
0.122494	0.10371	0.157974	0.139802	0.104631	0.097111	0.116003	0.098894	0.102474	0.156986
0.155844	0.159487	0.156711	0.183488	0.182894	0.101209	0.095786	0.08905	0.121617	0.135383
0.157591	0.133782	0.107746	0.121958	0.118986	0.073405	0.08859	0.091157	0.110532	0.069089
0.15937	0.079732	0.105737	0.10124	0.06941	0.0718	0.110168	0.131762	0.144113	0.073968
0.152033	0.119376	0.094248	0.093124	0.100101	0.076275	0.097287	0.114794	0.10275	0.078148
0.082939	0.112583	0.11164	0.108029	0.119054	0.102234	0.059368	0.076616	0.051241	0.059061
0.106938	0.117489	0.161122	0.13421	0.147187	0.134938	0.092609	0.108153	0.082798	0.117362
0.147471	0.143069	0.136625	0.135595	0.176463	0.147334	0.137114	0.134812	0.119757	0.143483
0.111551	0.098832	0.117869	0.147541	0.165267	0.112506	0.08859	0.105089	0.115033	0.105324
0.128912	0.103542	0.135192	0.160523	0.174004	0.089179	0.080044	0.122128	0.104773	0.077272
0.176709	0.160896	0.13026	0.131009	0.183105	0.14273	0.107632	0.121878	0.120421	0.078597
0.111901	0.076334	0.093703	0.085554	0.131557	0.096119	0.059249	0.081898	0.114116	0.114072
0.090855	0.048471	0.095889	0.087845	0.059484	0.051264	0.082321	0.092067	0.073324	0.117921
0.148827	0.112391	0.128666	0.087445	0.07597	0.13285	0.136785	0.145716	0.103218	0.127134
0.15432	0.109598	0.105133	0.105038	0.111861	0.140093	0.116969	0.16172	0.122372	0.073141
0.134226	0.065699	0.069936	0.139517	0.14918	0.078804	0.113343	0.161149	0.121041	0.052862
0.135634	0.100993	0.101959	0.151647	0.182736	0.108708	0.143302	0.17137	0.16359	0.109994
0.128616	0.120922	0.118957	0.111843	0.157125	0.151013	0.112631	0.087769	0.114094	0.158284
0.120011	0.069809	0.130648	0.091803	0.113766	0.090741	0.123809	0.062743	0.003404	0.108461

0.13028	0.066045	0.117847	0.103681	0.152827	0.090958	0.144617	0.105853	0.034618	0.120498
0.13656	0.117467	0.084409	0.07483	0.135742	0.089656	0.112142	0.108131	0.113027	0.117586
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0.126143	0.115632	0.024477	0.090847	0.130575	0.119925	0.093864	0.1229	0.087614	0.046901
0.130166	0.13538	0.073324	0.075833	0.133833	0.158339	0.135001	0.081795	0.090331	0.094647
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0.0866	0.087114	0.152057	0.086961	0.086769	0.084571	0.124106	0.08447	0.069391	0.10689
0.147281	0.111536	0.150214	0.112712	0.0978	0.108142	0.150597	0.112658	0.109581	0.102662
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0.132983	0.134974	0.090944	0.142757	0.118895	0.049837	0.111431	0.146315	0.132856	0.106476
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0.015331	0.094419	0.073144	0.064764	0.067063	0.04037	0.018023	0.069484	0.069883	0.051249
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0.041799	0.076806	0.058088	0.021497	0.117126	0.137085	0.135282	0.123947	0.064539	0.085551
0.018798	0.052626	0.074847	0.077661	0.075414	0.145112	0.168113	0.108593	0.001111	0.062726
0.002789	0.032987	0.080486	0.071591	0.065573	0.110455	0.116026	0.070167	0.030119	0.069209
0.03335	0.099683	0.098574	0.070375	0.091352	0.096978	0.089518	0.04017	-0.00104	0.05951
0.069966	0.114406	0.09276	0.101914	0.095532	0.039172	0.060155	0.039531	-0.01441	0.027695
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0.085548	0.091433	0.057876	0.030562	0.028687	-0.01058	-9.18E-04	-0.0079	0.003657	0.013533
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0.004974	0.034325	0.016311	-0.00665	-0.00317	0.013765	0.010168	-0.01398	0.020204	-0.00985
0.037259	0.069906	0.069638	0.058614	0.043832	0.05551	0.054242	0.001517	0.018695	0.009963

0.094247	0.088286	0.096839	0.112378	0.080399	0.066015	0.07741	0.02758	0.011249	0.01241
0.079939	0.049155	0.023548	0.088604	0.078448	0.035636	0.05062	0.030216	-0.0228	0.016035
0.058898	0.016181	0.036937	0.064624	0.064309	0.040254	0.044434	0.020036	-0.03315	0.036367
0.065556	0.027834	0.048762	0.055669	0.056679	0.035254	0.03358	0.029555	0.005199	0.032092
0.051044	0.055393	0.011547	0.028112	0.016128	0.014312	-0.00464	0.007034	0.009171	0.005007
-0.00143	0.033201	0.034954	0.010338	-0.01407	0.019333	0.004806	-0.01875	0.020011	0.022247
0.01818	0.05667	0.065826	0.024965	0.017296	0.05423	0.038016	0.01864	0.064364	0.048689
0.023523	0.030748	0.028013	0.009651	0.02576	0.020663	0.029408	0.062585	0.048233	0.030682
0.024435	0.004164	-0.01411	-0.01275	0.03154	-0.00375	0.008694	0.052053	0.010012	0.014395
0.018356	5.46E-04	0.012155	0.020702	0.04804	0.026133	0.048676	0.052226	0.003623	0.028294
0.017298	0.024974	0.029548	0.031338	0.046883	0.048692	0.040346	0.036895	0.008538	0.009545
0.00879	0.034343	0.011183	-0.01256	-0.01861	0.004831	9.53E-04	-0.00672	0.007189	0.022354
0.005367	-0.00445	0.014665	-0.00354	-0.02314	0.025628	0.043162	0.007922	0.035545	0.074959
0.041818	0.04144	0.082954	0.044257	0.027469	0.076065	0.093268	0.070188	0.052489	0.067057
0.062439	0.063706	0.051056	0.031486	0.035067	0.033593	0.041591	0.064786	0.028988	-8.79E-04
0.051291	0.037067	0.01526	0.01145	0.028004	-0.0014	0.022285	0.048802	0.02133	0.005628
0.074884	0.055337	0.043855	0.028848	0.040973	0.015005	0.056308	0.038763	0.032318	0.023036
0.079777	0.033094	0.057104	0.023564	0.030426	0.011315	0.009395	0.029812	0.017454	-8.62E-04
0.059092	-0.01712	0.014036	-0.00672	-0.0071	-0.01785	-0.01746	0.009057	-0.0322	-0.02434
0.052359	0.005316	0.016469	0.013026	0.014498	0.028424	0.01987	0.017159	-0.01965	0.029149
0.051387	0.033504	0.07085	0.06295	0.057211	0.05429	0.044453	0.050415	0.043925	0.042428
0.049752	0.067219	0.048119	0.004508	0.020636	0.021236	0.015365	0.013769	0.041317	-0.00523
0.007497	0.069751	0.013565	-0.03232	7.77E-04	-0.0144	-0.00321	0.004846	0.039036	-0.02334
0.022684	0.038688	0.016469	0.036624	0.017134	0.002271	0.02699	0.065284	0.064714	-0.00259
0.043143	0.042331	0.046518	0.032153	0.02554	0.017457	0.010977	0.019445	0.057456	0.023
-0.00606	-0.00393	0.024995	0.001509	-0.00109	-0.03596	-0.02734	-0.0174	0.003691	0.008293
-0.01589	-0.01627	0.01519	0.030359	0.014409	-0.01249	0.025422	0.030712	-0.00299	0.045178
0.0304	0.025622	0.056565	0.058141	0.042438	0.042834	0.065332	0.05028	0.031506	0.051863
-0.0042	0.022203	0.040261	0.022946	0.012928	0.049837	0.001917	-0.00908	0.030947	0.028858
-0.00263	0.018828	-0.0033	0.009334	0.011009	0.008645	-0.0283	-0.02445	0.022494	0.008884
0.048842	0.042186	-0.00207	0.021533	0.040783	-0.01668	-0.00413	0.011336	0.023095	0.007149
0.037296	0.066294	0.02634	0.009458	0.029112	0.003603	0.00361	-0.01425	0.007923	-0.03444
-0.00656	0.007864	-0.00338	-0.01628	0.007988	-6.08E-04	-0.03327	-0.05811	-0.03251	-0.04136
-0.02801	-0.02528	-0.00324	-0.00806	0.006459	0.018707	0.019942	-0.0142	-0.01196	0.010835
0.015383	-0.00306	0.015628	-0.00785	0.009505	0.02259	0.056191	0.056926	0.046605	0.02735
0.026966	-0.0102	0.020561	-0.04749	-0.0267	-0.00822	0.018919	0.028384	0.031542	0.019958
-0.00118	-0.01243	0.007282	-0.01894	0.00518	-0.00629	-0.00762	0.02018	0.001919	0.012217
0.014071	0.037265	0.010161	0.013718	0.050266	0.005402	-0.01737	0.01146	0.017559	8.41E-04
-0.01914	0.029969	0.015207	0.026829	-0.00555	0.003869	-0.00827	-0.01434	0.015191	-0.0317
-0.05018	-0.04906	-0.06543	9.50E-05	-0.02968	-0.01949	-0.02429	0.002842	0.027092	6.87E-04
-6.04E-04	-0.04209	-0.06293	0.014625	0.032098	0.003425	-0.0029	0.023078	0.057743	0.046996
0.068597	0.033272	0.012799	0.010603	0.019369	0.01362	0.005953	0.01234	0.026112	0.052554
0.022631	0.003715	0.01367	-0.01533	-0.00458	0.026545	0.005432	-0.00363	0.001077	0.032422
0.002533	0.002634	4.61E-04	-0.02686	0.02666	0.003123	-0.01795	0.023204	0.061108	0.037814
-0.00172	-0.02656	0.017313	-2.66E-04	0.013784	0.007334	0.003783	0.041148	0.072333	0.053093
0.013843	-0.04496	0.004814	0.007177	-0.02203	0.002165	-0.00348	0.033774	0.02207	0.001319
0.001004	-0.0167	-0.00138	0.002962	-0.00898	-0.01368	-0.01663	0.035759	-0.00546	-0.02897

0.005042	0.008032	0.006646	0.013682	0.023711	0.022233	0.039424	0.059432	0.035127	0.017522
0.024488	9.97E-05	0.003074	0.002633	0.00901	0.01342	0.037118	0.058314	0.053076	0.059862
0.013948	-0.02404	-0.02632	0.004594	-0.00758	1.32E-04	0.027301	0.030344	-0.00281	0.024583
0.003163	-0.01819	-0.04318	-0.02889	-0.02829	0.030575	0.031674	-0.00924	-0.02063	0.025919
2.25E-04	-0.02574	-0.01198	-0.01281	-0.0292	0.016357	0.007959	-0.02849	-0.0266	-0.01456
0.039477	0.003981	-0.00341	-0.00173	-0.03028	-0.02107	0.00465	-0.00393	-0.01053	-0.06786
-0.0019	0.023264	-0.00202	-0.0431	-0.0236	-0.00459	0.020842	0.010283	0.009703	-0.01629
-0.01029	0.038923	0.028428	-0.00687	0.022198	0.038324	0.072332	0.041732	0.062152	0.059784
0.047538	0.060981	0.050068	0.040027	0.048407	0.046508	0.057306	0.056984	0.036548	0.063967
0.062146	0.057933	0.050638	0.036138	0.05599	0.004029	0.031544	0.029006	0.004453	0.08052
0.013896	0.044832	0.065571	0.057296	0.059584	0.041222	0.070289	0.035833	0.007206	0.076581
0.017281	0.014146	0.015015	0.046148	0.040517	0.050768	0.07854	0.06642	0.055127	0.037424
0.047311	0.007662	-0.00582	0.012264	0.009965	0.025983	0.03007	0.013221	0.055603	0.035331
0.01435	0.007561	-0.0058	-0.03876	-0.04685	0.011949	3.85E-04	-0.00335	0.066939	0.094181
-0.01199	0.024328	-0.00655	-0.02627	-0.02326	0.040564	0.030512	0.00794	0.04034	0.129354
0.020568	0.050971	0.008159	0.032728	0.039267	0.027389	0.038597	0.006894	0.001784	0.039452
0.034887	0.034539	-0.01334	0.039819	0.053304	0.011315	0.027575	0.046547	0.038669	0.0223
-0.00343	0.018087	0.013809	0.031172	0.013606	-6.61E-04	0.0636	0.073867	0.063179	0.06139
0.011335	0.007377	0.032106	0.025823	0.027267	0.011279	0.044073	0.065184	0.057628	0.046882
0.001377	0.001489	-0.00293	-0.01027	0.017368	0.014184	0.007715	0.015824	0.003522	0.02601
-0.02229	-0.02377	-0.01236	-0.02622	-0.00632	0.020681	0.016344	0.00217	-0.03195	0.054674
-0.01	-0.00381	0.047384	0.021334	0.005163	0.034986	0.040647	0.019284	-0.01129	0.037312
0.012692	0.033058	0.056334	0.025713	0.022599	-0.00963	-0.00224	-0.00452	0.002745	-0.03477
0.016647	0.040878	5.63E-04	-0.01576	-1.06E-04	-0.04535	-0.04111	-0.00112	-0.0088	-0.02716
0.015015	0.009447	-0.02431	0.003448	0.030778	5.55E-04	0.009115	0.047979	-0.00217	-0.01359
0.030473	0.029916	0.003466	0.023637	0.035123	8.20E-04	0.023099	0.015061	0.002475	0.0108
0.040757	0.032293	0.01463	-0.00863	-0.01435	-0.05333	0.007645	-0.02632	-0.03994	-0.03495
0.035236	0.01919	0.042772	0.017465	-0.00805	0.005902	0.076877	0.033496	0.009737	-0.03982
0.078903	0.074801	0.093724	0.066526	0.037378	0.05515	0.071683	0.072529	0.075793	0.033285
0.128161	0.139253	0.089508	0.0829	0.087043	0.09035	0.051817	0.067979	0.102113	0.04768
0.117342	0.15216	0.10714	0.1124	0.133222	0.104561	0.043427	0.098937	0.093834	0.053131
0.173518	0.210117	0.169429	0.124633	0.143852	0.11459	0.063659	0.108967	0.098101	0.08464
0.188064	0.187242	0.150955	0.11596	0.140614	0.089526	0.113522	0.106618	0.101012	0.118211
0.17959	0.15331	0.097536	0.144746	0.121746	0.048534	0.154966	0.148913	0.13063	0.143981
0.223265	0.14838	0.144638	0.203893	0.168644	0.125068	0.209402	0.186864	0.164985	0.137108
0.231721	0.169274	0.188411	0.214312	0.218817	0.23258	0.208846	0.19723	0.197986	0.149521
0.234935	0.22588	0.193052	0.175783	0.211695	0.213689	0.176691	0.205233	0.20264	0.183239
0.239404	0.270844	0.213203	0.209378	0.220796	0.21343	0.199833	0.226456	0.19338	0.233748
0.273857	0.248628	0.226406	0.185515	0.175711	0.205151	0.232907	0.178595	0.166459	0.242888
0.26315	0.209716	0.176628	0.143523	0.186252	0.146123	0.196608	0.179578	0.195506	0.205102
0.269177	0.215751	0.173039	0.193128	0.25508	0.208928	0.231209	0.257109	0.283886	0.244141
0.247226	0.265608	0.279248	0.22317	0.290613	0.329088	0.28303	0.306982	0.370521	0.330613
0.256747	0.315953	0.348979	0.214848	0.302312	0.368145	0.284912	0.322932	0.385212	0.330613
0.24061	0.305987	0.315013	0.21697	0.371724	0.367693	0.264934	0.338742	0.357379	0.361749
0.274302	0.335096	0.317113	0.248619	0.342311	0.376036	0.319787	0.326295	0.332699	0.357655
0.27208	0.301535	0.326043	0.312112	0.265403	0.261955	0.180836	0.351633	0.357455	0.307363
0.290477	0.320868	0.283188	0.322367	0.27945	0.184148	0.18405	0.326586	0.290906	0.268507

0.317069	0.340523	0.296662	0.335807	0.292236	0.294573	0.249539	0.289291	0.279842	0.294021
0.276855	0.339836	0.371959	0.324324	0.311706	0.362462	0.262477	0.32826	0.397182	0.329193
0.278523	0.384118	0.385992	0.288906	0.409354	0.387373	0.311901	0.329977	0.404016	0.32227
0.289587	0.402493	0.354181	0.312925	0.418681	0.355731	0.400382	0.364919	0.319377	0.334643
0.434023	0.380098	0.313132	0.350563	0.38793	0.341837	0.396045	0.422949	0.328499	0.269488
0.447751	0.361603	0.315712	0.325743	0.403624	0.327548	0.320109	0.394726	0.33306	0.276481
0.387349	0.358087	0.394627	0.370014	0.337246	0.289393	0.34911	0.337995	0.313297	0.336524
0.324149	0.363619	0.399222	0.28981	0.280702	0.298166	0.36788	0.28048	0.314575	0.324386
0.284052	0.323468	0.348941	0.284343	0.253094	0.322591	0.339439	0.298489	0.313055	0.296576
0.156256	0.314861	0.334758	0.346913	0.329093	0.32969	0.318856	0.324195	0.23121	0.18394
0.233629	0.279681	0.257799	0.256749	0.28772	0.259673	0.272391	0.258256	0.220574	0.196556
0.287548	0.259054	0.266545	0.204251	0.242693	0.258073	0.199425	0.200126	0.25048	0.253016
0.305395	0.343972	0.27423	0.244579	0.276663	0.259545	0.212415	0.249682	0.294757	0.263855
0.271416	0.261972	0.232887	0.235456	0.226495	0.192829	0.213003	0.230746	0.156078	0.206388
0.219714	0.215344	0.250096	0.200439	0.122914	0.171771	0.210014	0.195642	0.08573	0.190361
0.237208	0.180785	0.254234	0.203013	0.168848	0.236088	0.229662	0.246106	0.191135	0.168431
0.276599	0.188897	0.21664	0.212174	0.253279	0.250694	0.220297	0.230135	0.204301	0.108701
0.225648	0.200817	0.143837	0.194418	0.20267	0.157172	0.136432	0.174839	0.190745	0.161335
0.152105	0.223968	0.222383	0.148219	0.114193	0.163189	0.132805	0.136309	0.14886	0.204256
0.116943	0.205429	0.188594	0.133109	0.162067	0.146172	0.154524	0.136614	0.106099	0.115625
0.115506	0.124447	0.107378	0.112779	0.203167	0.063558	0.086051	0.101007	0.08573	0.071431
0.124991	0.129067	0.11557	0.077291	0.120444	0.064662	0.092184	0.119256	0.095335	0.079373
0.109303	0.085242	0.080954	0.086562	0.064991	0.075645	0.126327	0.069604	0.08967	0.061468
0.084375	0.094501	0.074807	0.080615	0.09947	0.065953	0.040478	0.058726	0.030137	0.016831
0.053429	0.060107	0.028608	0.018308	0.066257	0.066487	0.044605	0.072043	0.044891	-0.00786
0.051844	0.02634	0.046104	0.021551	-0.01373	0.06799	0.05621	0.040828	0.047989	0.083338
0.095426	0.041404	0.085416	-0.00241	-0.03921	0.083117	0.071077	0.050703	0.056576	0.080233
0.111967	0.104108	0.045259	0.001993	-0.01739	0.025441	0.004928	0.049435	0.091219	0.02986
-0.0015	0.060411	0.038116	0.031098	0.042629	0.02233	-0.00104	0.06842	0.087183	0.006976
0.009741	0.028997	0.005139	0.063866	0.087339	0.050431	0.044681	0.091855	-0.00578	0.011639
0.042881	0.079573	0.051531	0.051638	0.108231	0.079841	0.028454	0.05186	0.030389	0.045273
0.010087	0.060392	0.049121	-0.00443	0.020364	-0.00345	0.019439	0.013027	4.89E-04	0.006301
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0.020337	0.034218	0.020773	0.045516	0.016128	0.024097	0.036538	0.036243	0.008726	0.033672
0.031527	0.010038	0.018246	0.01191	-0.01313	0.04455	0.001641	0.010967	0.020608	0.035165
0.01848	0.01838	0.018017	-0.05644	-0.06125	-0.02026	-0.06276	-0.00724	0.009394	0.02735
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0.028933	-0.00345	-0.04273	0.002616	-0.02641	-0.03839	-0.02307	-0.01784	0.009909	-0.03452
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0.003931	0.017502	-0.01149	0.004438	-0.06646	-0.01738	0.019134	0.019176	0.00707	-0.01353
0.010745	-0.02441	-0.09276	-0.04854	-0.02386	-0.04265	-0.00758	-0.01845	-0.07063	-0.06031
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0.006294	0.033753	0.021288	0.0035	0.019966	-0.00159	-0.01363	0.03751	0.020116	-0.01834
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0.038182	0.02585	0.028482	0.014429	0.038076	0.013565	0.034526	0.045081	0.04739	0.055022
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-0.01887	0.019742	0.074687	0.00646	-0.01714	0.012747	0.028436	3.84E-04	0.035527	0.009754
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0.08	0.085543	0.018052	0.084487	0.091203	0.021625	0.039461	0.09158	0.096758	0.088903
0.088774	0.098107	0.084429	0.040839	0.059009	0.05172	0.052243	0.060553	0.036949	0.034501
0.032237	0.0384	0.044678	0.043457	0.0295	0.033688	0.075527	0.043886	0.037589	0.029295
0.033058	0.006504	0.057509	0.073238	0.048252	0.042407	0.095208	0.09536	0.115186	0.085738
0.064161	0.050303	0.076376	0.056766	0.04065	0.061015	0.076959	0.060848	0.072987	0.06851
0.066068	0.060867	0.021572	0.003656	0.045575	0.078276	0.001555	0.021204	0.068251	0.074777
0.075749	0.071733	-0.02427	0.012707	0.08119	0.056072	-0.02527	0.051975	0.087511	0.097558
0.104843	0.062084	0.041952	0.080615	0.119464	0.117469	0.079199	0.04588	0.068998	0.099374
0.075125	0.113311	0.138016	0.127717	0.085841	0.077727	0.080767	0.09615	0.081825	0.045481
0.131149	0.107605	0.079308	0.143738	0.124569	0.070471	0.065272	0.14126	0.133084	0.075729
0.11932	0.121817	0.148712	0.142685	0.125584	0.124481	0.108777	0.084595	0.129138	0.122142
0.107241	0.115632	0.171456	0.112511	0.10106	0.102435	0.067673	0.047692	0.110035	0.108986
0.067094	0.152911	0.106686	0.026463	0.101191	0.109614	0.067914	0.087329	0.139441	0.105172
0.104241	0.143115	0.097451	0.068335	0.109319	0.130439	0.139593	0.087832	0.071126	0.089447
0.053391	0.0366	0.041078	0.055767	0.006038	0.022367	0.070915	0.051879	0.003083	0.009336
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0.010867	0.009127	0.014385	-0.00909	-0.03359	-0.05177	-0.0556	-0.02406	-0.05104	-0.0389
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0.105274	0.061608	0.059578	0.096292	0.05597	0.098104	0.148442	0.093742	0.124154	0.141474
0.132823	0.158392	0.144002	0.163021	0.180373	0.158288	0.164513	0.237943	0.256553	0.270376
0.212314	0.255739	0.198489	0.208097	0.255515	0.231858	0.221753	0.296281	0.352065	0.356338
0.228932	0.319832	0.249405	0.243493	0.269981	0.315935	0.33075	0.338443	0.316552	0.365922
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0.349577	0.263544	0.310741	0.350408	0.303215	0.329314	0.360456	0.359948	0.310786	0.376086
0.317105	0.261097	0.361733	0.380882	0.354846	0.351235	0.383246	0.370309	0.353312	0.359249
0.318019	0.310115	0.389749	0.391139	0.42489	0.379909	0.337008	0.352172	0.396012	0.344469
0.390748	0.405506	0.433599	0.353311	0.427196	0.415312	0.396943	0.415084	0.415955	0.415386
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0.001413	-0.00857	-0.04602	-0.01551	-0.00205	-0.02557	-0.03941	-0.02169	-0.02654	-0.03431
0.035814	0.012089	-0.02387	0.009291	0.052123	0.007344	-0.00953	-0.0034	-0.02581	-0.03196
0.003268	-0.00929	-0.03565	-0.00521	0.006552	-0.01544	-0.02485	-0.03375	-0.05393	-0.04704
-0.01328	-0.03893	-0.03274	-0.00242	-0.02615	-0.04868	-0.04524	-0.03273	-0.04994	-0.00365
0.003536	-0.0051	-0.00909	0.005192	-0.00531	-0.02536	-0.02453	0.015555	0.019817	0.033447
0.015792	-0.00487	-0.02632	-0.02734	0.002264	-0.01245	-0.03645	-0.01112	0.004046	-0.00342
0.028687	-0.00199	-0.02448	-0.03235	0.014251	-0.00177	-0.03945	-0.03436	-0.01873	-0.03069
0.070392	0.05068	-0.00712	0.022426	0.058278	-0.00183	-0.00701	0.005515	-0.00679	-0.03114
0.054178	0.06182	0.034637	0.01731	0.041791	0.022411	0.014464	0.005463	0.003282	-0.0236
0.020367	0.006858	0.022846	-0.01862	-0.00771	-0.01624	-0.016	-0.0128	-0.0074	-0.01614
0.025785	-0.03815	0.027027	0.025034	0.008042	-0.01662	0.022147	0.020646	-0.00453	-0.00491
0.001279	-0.02601	0.040997	0.078135	0.063652	0.037666	0.053813	0.045434	8.25E-04	-0.02585

6.13E-04	0.027727	0.010919	0.025016	0.065531	0.064173	0.035312	0.026124	0.020015	0.002061
0.024428	0.040843	-0.01887	0.002987	0.050358	0.043546	0.036835	0.058134	0.070788	0.031203
0.062852	0.073411	0.018355	0.025319	0.062765	0.046488	0.057895	0.081099	0.068019	0.035887
0.064373	0.087435	0.056883	0.010803	0.04354	0.050659	0.065618	0.032004	0.029607	0.049929
0.049477	0.024823	0.033801	0.031325	0.031407	0.016755	0.041079	0.013783	-0.02589	0.011455
0.060209	0.02417	0.037228	0.06401	0.046774	0.045822	0.06891	0.058134	0.007326	0.010986
0.070744	0.074657	0.091135	0.117003	0.099984	0.099015	0.078264	0.078484	0.069129	0.040214
0.038258	0.08118	0.102045	0.062378	0.059586	0.056408	0.02037	0.015804	0.059444	0.039471
0.04903	0.083376	0.076507	0.028949	0.077203	0.056817	0.013934	0.044616	0.04248	0.015421
0.134507	0.149682	0.096451	0.081851	0.138931	0.110337	0.070013	0.098565	0.068443	0.067378
0.135687	0.136745	0.098595	0.086418	0.072404	0.09376	0.093976	0.073565	0.083124	0.067556
0.105645	0.076422	0.033529	0.073296	0.04505	0.027449	0.067371	0.056336	0.063411	0.051796
0.110978	0.062686	0.058995	0.100265	0.099898	0.06103	0.073927	0.076069	0.09724	0.067814
0.100418	0.066827	0.110953	0.09066	0.08611	0.094504	0.063635	0.052201	0.114019	0.079576
0.084579	0.111089	0.125508	0.085006	0.064205	0.086183	0.049827	0.053943	0.113035	0.08041
0.125825	0.15831	0.072657	0.093359	0.105556	0.095334	0.051171	0.104539	0.118453	0.094225
0.094715	0.12272	0.083739	0.106488	0.120188	0.097942	0.11293	0.111659	0.096164	0.117235
0.070568	0.073174	0.100645	0.125486	0.112258	0.068018	0.087092	0.098931	0.062953	0.096419
0.09837	0.045188	0.072141	0.141637	0.121742	0.068699	0.051517	0.109471	0.069391	0.099539
0.110656	0.073312	0.106144	0.153744	0.139095	0.118734	0.097342	0.119236	0.089912	0.135405
0.114924	0.104783	0.116234	0.139408	0.150466	0.139792	0.088452	0.107689	0.083144	0.131077
0.118841	0.11533	0.133749	0.088204	0.171352	0.136945	0.041323	0.102908	0.118906	0.114537
0.112957	0.133718	0.15863	0.112062	0.165973	0.151371	0.093679	0.093648	0.14581	0.152055
0.081761	0.097064	0.106251	0.111497	0.077773	0.123051	0.130874	0.085374	0.116647	0.153645
0.075821	0.046336	0.028029	0.084353	0.074625	0.063241	0.100669	0.08864	0.097541	0.121763
0.118819	0.088988	0.066682	0.116344	0.120054	0.060617	0.135309	0.137046	0.13616	0.145399
0.143968	0.131275	0.109351	0.113303	0.1313	0.106866	0.152859	0.134914	0.132734	0.150903
0.109307	0.109563	0.080067	0.029092	0.103539	0.107435	0.08927	0.064051	0.11034	0.119594
0.071527	0.121925	0.091176	-0.00648	0.110232	0.110249	0.074596	0.077787	0.157259	0.135197
0.088638	0.1208	0.122246	0.072779	0.142726	0.15176	0.115286	0.13754	0.183673	0.198148
0.070372	0.100875	0.108919	0.121224	0.089804	0.10783	0.080624	0.083979	0.109697	0.16479
0.090702	0.079895	0.10126	0.146623	0.100478	0.095889	0.093086	0.076294	0.080483	0.12711
0.091379	0.05143	0.11304	0.155278	0.158519	0.149629	0.157378	0.144629	0.124421	0.141018
0.095523	0.066225	0.115313	0.124456	0.12978	0.138567	0.126163	0.110553	0.14128	0.136193
0.098745	0.119833	0.122536	0.056733	0.067956	0.099703	0.114018	0.08552	0.123596	0.114338
0.124406	0.170136	0.152287	0.07703	0.111949	0.128054	0.116312	0.082837	0.105548	0.128064
0.110163	0.11751	0.14792	0.144954	0.122849	0.126907	0.134143	0.081326	0.095412	0.141158
0.093106	0.085056	0.105715	0.13213	0.043126	0.072726	0.062409	0.109119	0.103751	0.115707
0.13254	0.099258	0.058283	0.118038	0.076287	0.09461	0.075429	0.130912	0.101635	0.119215
0.128186	0.101317	0.07125	0.100879	0.078896	0.108246	0.096146	0.096271	0.0978	0.141839
0.07047	0.06257	0.098617	0.080777	0.046243	0.077874	0.078264	0.037722	0.105241	0.152007
0.074319	0.067333	0.097816	0.076389	0.084616	0.091578	0.081964	0.040253	0.136231	0.120688
0.081339	0.084124	0.073214	0.089296	0.098014	0.117589	0.119879	0.029999	0.113326	0.081349
0.056956	0.059691	0.062977	0.077552	0.034238	0.060067	0.10322	0.064587	0.058024	0.041163
0.077288	0.047191	0.016589	0.022621	0.027539	0.033414	0.067291	0.101932	0.040113	0.007784
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0.006024	0.01422	0.059495	0.02646	0.041979	0.075893	0.045288	0.053614	0.071457	0.063793
0.021973	0.032481	0.041884	2.73E-04	0.04841	0.048129	0.031473	0.050312	0.108125	0.114184
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0.027747	0.022323	0.004779	-0.01089	-0.0087	-0.00535	-0.01979	-0.04634	-0.04201	-0.02652
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0.067721	0.03058	0.05163	0.045081	0.0123	-0.05133	-0.04252	-0.02733	-0.06525	-0.08138
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0.123566	0.098526	0.095948	0.045715	0.039041	-0.04309	-0.02825	-0.05271	-0.0861	-0.01994
0.088373	0.075568	0.088161	0.024128	0.005566	-0.024	-0.01702	-0.05017	-0.10684	-0.04079
0.079219	0.094839	0.107045	0.043946	0.016777	0.032398	0.00848	-0.03063	-0.05117	-0.03646
0.087783	0.098546	0.118258	0.096914	0.074382	0.04181	0.030097	0.014048	0.016084	0.017568
0.058475	0.048997	0.065645	0.086889	0.109925	0.04899	0.028963	0.018477	0.017677	-0.00411
0.070646	0.055238	0.091446	0.133384	0.129298	0.074043	0.076671	0.035988	0.005404	-0.0147
0.074023	0.057573	0.098385	0.143036	0.164527	0.112593	0.10424	0.077849	0.037814	0.022481
0.006682	0.030151	0.065997	0.064224	0.117857	0.152707	0.108892	0.080377	0.068846	0.048506
0.013196	0.054652	0.076607	0.054138	0.095055	0.191848	0.135799	0.091465	0.068644	0.046522
0.048528	0.084063	0.098195	0.10262	0.11536	0.161353	0.173538	0.167549	0.073921	0.039082
0.04396	0.021919	0.030726	0.091302	0.122646	0.080709	0.135379	0.200085	0.122156	0.08311
0.061605	-0.00277	-0.01834	0.098534	0.093044	0.045233	0.127285	0.170051	0.167521	0.099944
0.080859	0.035076	0.042828	0.120093	0.082097	0.093972	0.186157	0.163286	0.191284	0.113677
0.067955	0.024875	0.028567	0.046986	0.059957	0.112549	0.128937	0.109912	0.100744	0.082925
0.051793	0.011062	0.017375	0.011821	0.022807	0.043925	0.04168	0.025179	-0.0143	0.024771
0.035922	0.047116	0.051195	0.013377	0.01621	0.032823	0.023715	0.027017	-0.01008	0.069759
0.042913	0.06948	0.033366	0.032446	0.037794	0.057852	0.035609	0.062861	0.055003	0.077931
0.08158	0.059691	-0.00607	0.055033	0.05517	0.033635	0.022435	0.015484	0.051266	0.02637
0.093332	0.045595	0.01867	0.069909	0.061427	0.005347	0.039485	0.032577	0.056041	0.063361
0.047247	0.033776	0.040019	0.077372	0.067498	0.013284	0.055053	0.091486	0.065149	0.103864

0.013402	-0.01535	0.020886	0.044224	0.066523	0.056174	0.039841	0.047952	0.022004	0.073354
0.023146	-0.02151	0.038016	0.037361	0.035253	0.042488	0.02565	0.009804	0.001792	0.068845
0.082544	0.046355	0.060286	0.04984	0.019889	0.029147	0.052963	0.055265	0.051771	0.108449
0.091071	0.063766	0.052027	0.046499	0.04151	0.047441	0.039803	0.076008	0.08877	0.092943
0.040807	0.041302	0.023165	0.022002	0.026524	0.031698	0.003714	0.038471	0.060927	0.021484
0.047506	0.051825	0.018075	0.04888	0.053566	0.026393	0.025397	0.06122	0.064549	0.027957
0.01426	0.048624	0.03626	0.05101	0.069273	0.047804	0.02785	0.065343	0.086431	0.073033
-0.02286	0.01072	0.018986	-0.00259	0.032232	0.032362	0.003593	0.018942	0.033421	0.074297
0.013625	0.016517	0.054496	0.005294	0.009591	0.035785	0.055577	0.040685	0.013287	0.0835
0.064682	0.060917	0.096178	0.062126	0.03137	0.039217	0.07249	0.053536	0.030677	0.080003
0.061739	0.055882	0.04268	0.070857	0.056915	0.042262	-0.00899	-0.02366	-0.01347	0.017885
0.017866	0.032121	0.01417	0.071094	0.062922	0.017574	-0.02056	-0.01835	0.001274	-7.38E-04
0.028936	0.039089	0.03864	0.07461	0.082529	0.033377	0.060146	0.064627	0.046314	0.027163
0.035399	0.048046	0.03864	0.022833	0.067199	0.073414	0.058031	0.063971	0.044975	0.034088
0.063506	0.026609	0.030329	0.016367	0.032783	0.038619	0.034294	0.016444	0.010085	0.033539
0.062238	0.027674	0.053013	0.063991	0.043446	0.045936	0.044644	0.02729	0.03998	0.069421
0.041081	0.035691	0.04629	0.054214	0.03579	0.035098	0.032356	0.042155	0.066973	0.05233
0.038385	0.029776	-0.01281	0.007219	0.036327	0.007866	-0.00523	0.016818	0.023601	0.011125
0.054009	0.045169	0.001193	0.025461	0.036642	0.027631	0.025451	0.074744	0.064669	0.044697
0.065996	0.064075	0.073831	0.054005	0.020925	0.052085	0.072551	0.098608	0.093486	0.061191
0.035489	0.03887	0.048407	0.069929	0.038538	0.041565	0.075958	0.074948	0.051771	0.050842
0.038585	0.009014	0.04083	0.09574	0.067139	0.03586	0.089984	0.055089	0.025259	0.069918
0.054668	0.007688	0.092484	0.101346	0.094525	0.064292	0.083307	0.04692	0.04364	0.079494
0.052975	0.022393	0.095068	0.026014	0.066523	0.050237	0.024853	0.031562	0.036988	0.063891
0.10484	0.099929	0.058322	0.024785	0.091106	0.057266	0.00721	0.028807	0.040793	0.037269
0.099623	0.100139	0.041311	0.070877	0.095756	0.090544	0.060048	0.089397	0.072982	0.049189
0.055291	0.085482	0.057842	0.067587	0.020371	0.112327	0.130366	0.078834	0.054476	0.060081
0.066848	0.075092	0.04573	0.110911	0.05818	0.084641	0.124726	0.04259	0.058694	0.057908
0.136005	0.122389	0.113564	0.19017	0.125913	0.087102	0.105458	0.060491	0.109431	0.072532
0.120571	0.131816	0.153242	0.144205	0.098079	0.072342	0.088201	0.062267	0.085675	0.091414
0.088862	0.111671	0.10623	0.049238	0.068474	0.076995	0.071744	0.094223	0.064729	0.080818
0.116486	0.111973	0.112692	0.057135	0.090917	0.1044	0.062133	0.121156	0.117165	0.099795
0.073511	0.090135	0.112104	0.064887	0.083066	0.10761	0.095017	0.092523	0.133061	0.147226
0.04501	0.054765	0.05199	0.045454	0.05486	0.03321	0.065121	0.048431	0.055003	0.083069
0.08464	0.053783	0.061116	0.088966	0.051028	0.01569	0.064526	0.070149	0.047062	0.060081
0.13227	0.075866	0.077048	0.071391	0.059332	0.036827	0.041511	0.030899	0.057296	0.09454
0.078303	0.090238	0.079059	0.032917	0.067438	0.036752	0.014499	0.006487	0.028667	0.073534
0.089965	0.098442	0.082072	0.05488	0.076166	0.058145	0.011225	0.038958	0.049989	0.056902
0.105857	0.102603	0.084656	0.065219	0.062489	0.074977	0.071945	0.034316	0.068644	0.081738
0.086787	0.079795	0.033112	0.080696	0.066702	0.072342	0.095358	0.047378	0.048177	0.039064
0.113259	0.078335	0.030978	0.125666	0.061447	0.064331	0.071643	0.075906	0.056805	0.006612
0.113821	0.119942	0.096052	0.121468	0.056799	0.030027	0.060598	0.070028	0.079159	0.067259
0.053614	0.054009	0.104004	0.071926	0.04437	0.024452	0.043037	0.025779	0.0528	0.091749
0.070001	0.058946	0.082498	0.056982	0.044408	0.041132	0.029438	0.030807	0.034371	0.018521
0.144177	0.100643	0.093878	0.079464	0.098356	0.086788	0.051786	0.049389	0.053034	0.034235
0.124008	0.084853	0.086662	0.088287	0.088465	0.101321	0.06879	0.026707	0.060076	0.076292
0.105772	0.089848	0.063035	0.080231	0.049536	0.029843	0.045099	0.045053	0.047485	0.049758

0.134054	0.115569	0.07226	0.096389	0.041266	0.020649	0.062192	0.08623	0.040623	0.047598
0.139934	0.104762	0.100306	0.087896	0.062017	0.013231	0.063674	0.067239	0.039395	0.084178
0.066615	0.102117	0.124724	0.073535	0.05053	0.018341	0.06536	0.037442	0.035416	0.083294
0.082886	0.155725	0.152597	0.081445	0.083768	0.0665	0.077998	0.040046	0.044307	0.073053
0.102329	0.161466	0.152144	0.112105	0.078426	0.081472	0.078633	0.08015	0.070322	0.077222
0.085388	0.091883	0.090658	0.103558	0.061683	0.075262	0.06759	0.062188	0.074002	0.056902
0.142281	0.085279	0.071487	0.106703	0.107604	0.090397	0.048315	0.063039	0.047139	0.020754
0.108431	0.08993	0.088429	0.085639	0.106208	0.094738	0.071623	0.079368	0.056315	0.056806
0.06811	0.070401	0.092006	0.087731	0.081953	0.077608	0.069913	0.061497	0.048004	0.063812
0.090518	0.110788	0.094379	0.058114	0.072645	0.055882	0.060775	0.011173	0.017157	0.054207
0.140209	0.16829	0.133292	0.058728	0.092306	0.037367	0.052326	0.030531	0.053481	0.072993
0.121625	0.096543	0.111214	0.083986	0.062844	0.036287	0.075144	0.083169	0.063152	0.081513
0.097932	0.060381	0.046589	0.062262	0.0482	0.033987	0.041041	0.03705	0.009803	0.056111
0.129125	0.097773	0.059534	0.107348	0.088862	0.054425	0.018743	0.036901	0.025807	0.0369
0.079199	0.093637	0.110693	0.088019	0.085861	0.07571	0.083784	0.0783	0.052567	0.0564
0.012203	0.040605	0.091135	0.038515	0.039676	0.056096	0.050095	0.007933	0.006416	0.047542
0.055877	0.054009	0.070024	0.0148	0.049937	0.060617	0.028142	-0.02936	-0.01069	0.030693
0.051812	0.047339	0.059688	0.036684	0.026614	0.047766	0.06048	0.023584	0.041153	0.043235
0.013471	0.002124	0.013337	0.026674	0.004876	0.041057	0.038121	0.030476	-0.01008	0.023857
0.014793	-0.00604	0.013285	0.016751	-0.00872	0.011593	0.022417	0.016711	-0.06363	-0.01404
0.066673	0.058412	0.056233	0.02001	-0.03156	-0.03595	0.005545	0.022013	-0.03149	0.00663
0.046395	0.058145	0.033801	0.001771	-0.0021	-0.02689	-0.00849	0.018602	-0.00114	0.015755
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0.008661	0.01579	0.034546	0.02255	1.45E-04	0.011892	-0.02685	-0.0407	-0.00614	0.003289
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0.001429	-0.0207	-0.05793	-0.02574	-0.00619	-0.01565	-0.03394	-0.00817	-0.0152	-0.01291
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0.004711	0.012106	0.034328	0.014869	0.025257	-0.0209	-0.04661	-0.04735	-0.0736	-0.05196
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0.027605	0.016829	0.028316	-0.02178	-0.02198	-0.01547	-0.02574	-0.07934	-0.0742	-0.06327
0.01868	-0.00816	0.00884	0.006298	-0.02935	-0.04346	-0.02881	-0.05256	-0.07667	-0.05068
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0.042033	0.065914	0.026991	-0.01338	-0.01085	-0.01938	-0.03199	-0.05616	-0.06066	-0.06541
0.07709	0.051186	0.072102	0.049972	0.001785	0.008861	-0.01595	-0.03241	-0.06044	-0.0394
0.061222	0.016396	0.042254	0.056504	-0.01426	-0.01596	-0.02597	-0.05895	-0.09443	-0.06749
0.034894	0.009917	0.024923	0.033733	-0.03569	-0.01705	0.015526	-0.02169	-0.06898	-0.05529
0.026155	0.01541	0.025475	0.033225	-0.02495	-0.00922	0.035145	0.01536	-0.02453	-0.01248
0.027535	-7.32E-04	-0.00415	0.012235	-0.03357	-0.03337	-0.00819	-0.01763	-0.04256	-0.0371
0.004677	-0.02216	-0.02548	-0.04693	-0.04643	-0.02909	-0.02849	-0.05792	-0.03428	-0.05731
-0.00193	0.002057	-0.01356	-0.0299	-0.00103	-0.02147	-0.04951	-0.04872	-0.01307	-0.01158
0.003771	-0.01868	-0.02219	0.017834	0.004428	-0.01469	-0.04515	-0.04068	-0.02221	-0.00496
-0.00912	-0.06529	-0.03387	0.014418	-0.01584	-0.0391	-0.02962	-0.02633	-0.03217	-0.01077
-0.00247	-0.02461	0.010368	-0.00227	-0.01372	-0.03711	0.008288	0.007306	-0.02034	-0.00114
0.047414	0.027781	0.012714	-0.00686	0.002813	-0.02709	-0.01268	0.00304	-0.00772	-0.01367
0.020977	0.004257	-0.0049	-0.00835	-0.0222	-0.03824	-0.05367	-0.05941	-0.02183	-0.01073
-0.03798	-0.01617	-0.01459	-0.02306	-0.02863	-0.0308	-0.05716	-0.08209	-0.01415	-0.02141
-0.02239	0.025989	0.023077	0.022922	0.020103	0.010908	-0.02516	-0.05197	-0.02096	-0.0278
0.027216	0.016846	0.035566	0.073674	0.043239	0.014821	-0.01271	-0.03392	-0.0703	-0.03734
0.041063	0.002426	0.004439	0.035097	0.02139	-0.00525	0.006411	5.80E-04	-0.07837	-0.01835
0.059179	0.019977	0.007163	0.011648	-4.18E-04	-0.00372	0.007349	0.028167	-0.03447	0.014159
0.048044	0.019873	-0.03364	-0.02601	-0.03291	-0.02594	-0.03509	-0.01275	-0.02267	-0.0148
-0.02155	-0.03273	-0.03851	-0.03279	-0.04676	-0.00823	-0.0058	-0.04222	-0.02505	-0.02102
-0.02558	-0.03093	0.016135	0.017974	-0.00912	0.037013	0.018868	-0.01323	0.010526	0.015123
0.017398	0.014065	0.056902	0.052922	0.036587	0.026139	0.005804	-0.01036	0.008677	0.030893

0.002766	0.006773	0.004151	0.020344	0.032122	-0.06238	-0.04501	-0.02855	-0.02262	3.29E-04
0.016568	-0.0038	-0.02819	0.006861	-0.01666	-0.09299	-0.02898	-0.02109	-0.0685	-0.02015
0.047766	0.010054	0.016118	0.015304	-0.03387	-0.04702	0.00487	-0.01341	-0.0431	-0.00523
0.01764	0.009593	0.01358	0.001451	-0.01309	-0.01195	-0.00896	-0.00608	-0.01283	-0.01376
-0.01943	-0.02485	-9.91E-04	-0.00685	0.012318	0.020129	0.003921	-0.00432	-0.01337	0.004793
0.013231	-0.00553	0.052312	0.03846	0.033961	0.06107	0.048984	0.005636	0.002484	0.004742
0.049123	0.053236	0.093108	0.080797	0.047763	0.036622	0.072248	0.029485	0.009486	-0.00808
0.042069	0.046151	0.011195	0.041388	0.041998	0.012455	0.053658	0.030127	-0.0011	-0.05952
0.039822	0.024152	-0.01559	0.019061	0.044502	0.004119	0.028488	0.037424	0.011798	-0.04954
0.043298	0.036959	0.029429	0.02798	0.037329	0.041376	0.038158	0.05087	0.047446	0.01076
0.031824	0.025176	0.023094	-0.02423	-0.00278	0.037591	0.028616	0.03452	0.014194	0.007094
0.015861	-0.01025	0.001513	-0.01665	-0.01183	2.50E-04	0.025886	0.020287	0.004829	0.019158
0.04466	0.04578	0.072856	0.064088	0.034718	0.036194	0.047189	-0.03912	-0.01623	0.053632
0.056596	0.074201	0.051327	0.072541	0.072323	0.052316	0.032135	-0.04056	0.001291	0.032826
0.013419	0.03457	-0.02726	0.041388	0.075962	0.019807	-0.016	-0.03346	0.009486	-0.00986
-0.00657	-0.01065	-0.0451	0.030009	0.013758	-0.04284	-0.00575	0.015111	0.027125	0.00749
0.022533	0.016708	0.008137	0.04796	0.031663	-0.00671	0.02878	0.074215	0.051635	0.043853
0.030574	0.036071	0.030581	0.015966	0.025691	-0.0267	0.003248	-9.10E-04	-0.03936	0.012238
0.005518	-0.01297	0.001968	-0.01554	-0.01724	-0.05198	3.31E-04	-0.02779	-0.07232	0.006423
0.022288	0.005623	0.037668	0.028949	0.023418	0.034616	0.039298	0.011631	-0.02399	0.036053
0.038349	0.040294	0.047207	0.045696	0.025781	0.050909	-0.01959	-0.01087	-0.0085	0.014702
-1.85E-04	0.022832	0.004643	-0.01145	-0.01279	0.006753	-0.0916	-0.05748	-0.00449	-5.35E-04
0.008441	0.013893	-0.01673	-0.00851	0.02139	-0.01027	-0.08547	-0.02526	-0.0023	-0.01955
0.063891	0.048811	0.012403	0.002041	0.050492	0.011242	-0.0034	0.02667	0.037232	0.01325
0.030164	0.023149	0.007351	-0.01494	0.005739	-0.00377	-0.0081	7.86E-04	0.026191	-2.30E-04
0.003804	-0.0225	-0.01892	-0.00254	-0.01517	-0.03794	0.00688	0.011824	-0.00224	-0.0104
0.04584	0.010344	0.020287	0.042999	0.02403	-0.00673	0.037487	0.047474	0.021931	-0.00433
0.060974	0.040862	0.049046	0.031	0.01793	0.012596	0.026831	0.017228	-0.00689	-0.02648
0.019028	0.021026	0.042494	-0.01373	-0.01166	0.017627	0.025777	-0.0326	-0.01226	-0.03227
0.015792	0.027532	0.013233	-0.00843	-0.00251	0.002894	-0.01123	0.005289	0.03637	-0.01293
0.006834	0.030938	0.023999	0.015809	0.010498	-0.00194	-0.03805	0.012053	0.029478	-7.04E-04
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-6.01E-04	-0.02659	-0.05979	-0.00359	0.001785	-0.01897	-0.05034	-0.0724	-0.00701	-0.00338
0.032756	0.016379	0.004626	0.048486	0.029925	-0.02939	0.027431	0.001318	0.028079	0.017709
0.02619	0.019471	0.042106	0.027676	0.008581	0.004067	0.033591	0.006261	0.019511	0.010101
-0.01142	-0.02766	0.013909	-1.14E-04	-0.00346	0.011014	0.004421	8.89E-04	0.003507	0.008422
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-0.03753	-0.02763	-0.01262	-0.02309	-0.05568	0.00212	-0.03258	-0.02158	-0.01952	-0.02609
0.03061	-0.0013	-0.00784	0.007835	0.016582	0.014733	-0.03182	-0.00141	0.004098	-0.0065
0.064739	0.02974	0.027868	0.065101	0.091969	0.059713	0.021303	0.031323	0.035491	0.027127
0.040388	0.01453	0.020604	0.036081	0.02874	0.031183	0.040666	0.020915	0.001377	2.78E-04
0.004694	-1.99E-04	0.014691	0.010115	0.001015	0.022447	0.045972	0.004925	-0.02448	-0.02765
0.008034	0.051843	0.064513	0.06647	0.05546	0.043168	0.061129	0.030605	0.026868	0.026604
0.036446	0.016777	0.049686	0.054976	0.042167	0.007884	0.009213	0.039652	0.015245	0.004365
0.011435	-0.02538	-0.02348	-0.02258	0.01302	0.010838	-0.02616	0.02729	0.009117	-0.00468
0.025855	0.013944	-0.01088	-0.0093	0.053894	0.043754	0.036203	0.074358	0.07284	0.062167

0.047061	0.040221	0.025119	0.031217	0.060251	0.045176	0.041774	0.057039	0.06597	0.063009
0.052187	0.013669	0.01011	0.032899	-0.01277	-0.04782	-0.00474	0.027308	0.003577	0.026226
0.05743	0.027923	0.025332	0.012287	-0.02147	-0.00811	0.033333	0.009366	0.013465	0.053153
0.057107	0.040185	0.031845	0.036264	0.044464	0.079782	0.074575	0.03999	0.039018	0.0369
0.030788	-0.00589	0.007812	0.052182	0.065809	0.03297	0.003111	-0.01486	-0.00254	-0.00392
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0.05431	0.051168	0.049554	0.063504	0.040592	0.05672	0.059029	0.075192	0.048581	0.095975
0.085206	0.035835	0.037924	0.058536	0.01793	0.014432	0.06785	0.076151	0.037814	0.028752
0.080718	0.048214	0.075007	0.087341	0.051067	0.049411	0.115219	0.099684	0.040528	0.040307
0.074951	0.089766	0.108725	0.131902	0.112877	0.114593	0.124931	0.096485	0.043278	0.013285
0.060744	0.081844	0.069847	0.079969	0.068155	0.104204	0.082129	0.050812	0.037946	0.020577
0.020089	0.0182	0.071646	0.056274	0.023562	0.101905	0.084531	0.040365	0.08423	0.098964
0.057202	0.06157	0.10668	0.086705	0.03757	0.113148	0.070697	0.072026	0.14233	0.135544
0.123433	0.104911	0.103663	0.073177	0.066503	0.08236	0.061247	0.077992	0.111118	0.097796
0.08819	0.054236	0.057554	0.050594	0.09277	0.032417	0.028853	0.069083	0.090548	0.064971
0.079738	0.051224	0.068783	0.1078	0.085674	0.052954	0.076508	0.084791	0.0964	0.094393
0.060706	0.068894	0.092193	0.09484	0.094059	0.10906	0.089648	0.064488	0.064989	0.062304
0.032953	0.026237	0.054896	0.039471	0.044956	0.07216	0.06534	0.038022	0.040736	0.06817
0.025326	-0.0101	0.058475	0.052429	0.028649	0.063083	0.102765	0.077214	0.034688	0.107906
0.042491	-0.00652	0.079442	0.053112	0.022843	0.067098	0.086737	0.091084	0.080089	0.102982
0.057335	0.039089	0.043013	0.042609	0.01738	0.036771	-8.99E-04	0.031857	0.07889	0.068785
8.96E-04	0.034425	0.002289	0.030856	0.038612	0.021583	0.002268	0.033279	0.06609	0.064893
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0.02427	-0.00439	-0.02962	-0.00736	0.05457	0.034598	0.041661	0.050928	0.056295	0.052751
0.013282	0.023641	0.003304	-0.02436	0.016104	0.009472	0.011874	0.009559	0.017122	0.03988
0.006496	0.028991	0.015769	0.010959	-0.00837	-5.03E-04	0.033148	0.03376	0.01382	0.052904
0.034084	0.040862	0.005629	0.0148	0.00714	0.008023	0.027504	0.028277	0.021189	0.039694
0.046784	0.04924	0.03875	0.021031	0.01237	0.004465	-0.01254	0.035858	0.040396	0.019548
0.064219	0.076104	0.040867	0.033624	0.031205	0.004845	-0.01437	0.044996	0.013678	-0.00207
0.066228	0.083114	0.047638	0.069376	0.087692	0.041376	0.028671	0.075641	0.033645	-0.00484
0.029879	0.062358	0.061329	0.050028	0.09514	0.055124	0.036779	0.020664	0.014354	-0.009
0.070626	0.056072	0.045972	0.06364	0.086193	0.042224	0.060421	-0.0011	0.02302	0.034748
0.123124	0.079074	0.082762	0.121158	0.115805	0.080235	0.109618	0.058389	0.085654	0.087066
0.12736	0.128644	0.144205	0.110868	0.146102	0.155366	0.126369	0.096292	0.130751	0.109494
0.135687	0.163745	0.168471	0.065883	0.160241	0.200286	0.10231	0.129156	0.186707	0.149132
0.161164	0.194044	0.178033	0.098534	0.215449	0.239744	0.139766	0.163786	0.211631	0.195111
0.196696	0.199236	0.220795	0.204645	0.198404	0.2239	0.196136	0.146762	0.161035	0.216327
0.191007	0.169028	0.187345	0.247156	0.160981	0.152172	0.144794	0.163461	0.169807	0.217751
0.229097	0.233813	0.178211	0.269815	0.217638	0.180733	0.208996	0.307957	0.26243	0.294853
0.281527	0.31924	0.290243	0.306256	0.302642	0.343698	0.337709	0.33256	0.316992	0.335802
0.334257	0.369974	0.356191	0.314979	0.380252	0.429671	0.4021	0.351463	0.412308	0.404922
0.304571	0.442173	0.401418	0.382151	0.408043	0.41863	0.427642	0.415184	0.425409	0.454369
0.325094	0.375559	0.412827	0.395766	0.344833	0.380391	0.417602	0.420881	0.370344	0.33971
0.363888	0.332946	0.384603	0.382354	0.382837	0.372413	0.344154	0.43567	0.431832	0.360806
0.409211	0.338109	0.348515	0.421057	0.427945	0.429165	0.407745	0.460176	0.469647	0.459804
0.390878	0.301491	0.394364	0.39389	0.396084	0.433044	0.432287	0.368975	0.421165	0.423923

0.351463	0.37013	0.374858	0.351511	0.408785	0.410849	0.317009	0.255699	0.339544	0.315335
0.34073	0.382623	0.348328	0.314078	0.344719	0.36209	0.314287	0.247049	0.207695	0.217527
0.305443	0.253235	0.26525	0.283245	0.243638	0.233811	0.229668	0.198026	0.150826	0.243057
0.298876	0.236765	0.196359	0.141846	0.222447	0.17704	0.124248	0.168887	0.235162	0.245614
0.284942	0.305819	0.269041	0.176843	0.271995	0.204786	0.195921	0.284047	0.304003	0.256087
0.318364	0.302059	0.310605	0.332789	0.26961	0.251094	0.276832	0.256657	0.222762	0.274209
0.36113	0.275733	0.266211	0.249268	0.215141	0.226833	0.250795	0.175406	0.148686	0.248427
0.251144	0.252788	0.293005	0.266296	0.147631	0.271772	0.242292	0.155227	0.193242	0.267007
0.217422	0.228447	0.286751	0.249984	0.18234	0.229698	0.247156	0.217287	0.189282	0.132408
0.258256	0.208568	0.23496	0.236805	0.19959	0.213706	0.213388	0.183068	0.172437	0.104553
0.249841	0.250288	0.228914	0.213507	0.159059	0.233255	0.171681	0.141272	0.227214	0.20472
0.206614	0.240229	0.24506	0.255757	0.220376	0.268966	0.22425	0.207895	0.245858	0.216048
0.207096	0.16149	0.174931	0.237501	0.206609	0.171138	0.198856	0.225272	0.172847	0.199084
0.240804	0.134944	0.126294	0.168791	0.175775	0.10353	0.156103	0.189939	0.118634	0.207497
0.168184	0.125093	0.184305	0.185176	0.173507	0.129228	0.187023	0.202045	0.174929	0.162346
0.206186	0.188014	0.180674	0.187601	0.192018	0.16449	0.154076	0.166517	0.172258	0.1208
0.212459	0.210865	0.124702	0.109785	0.119425	0.191023	0.122273	0.137658	0.115387	0.153741
0.158043	0.154415	0.127419	0.099864	0.099555	0.171544	0.161152	0.092057	0.109032	0.160969
0.147503	0.145863	0.188122	0.170355	0.130217	0.120311	0.129974	0.103038	0.121563	0.089141
0.125847	0.135331	0.150621	0.128569	0.146842	0.112526	0.085674	0.126144	0.137222	0.082372
0.092776	0.136403	0.128185	0.141102	0.126734	0.071534	0.081984	0.162016	0.099876	0.063126
0.082423	0.079315	0.082478	0.147636	0.081212	0.09006	0.110851	0.122676	0.089912	0.048639
0.091461	0.117991	0.099651	0.082135	0.091022	0.095825	0.093891	0.089123	0.098124	0.079311
0.036464	0.088272	0.088058	0.087074	0.117991	0.099919	0.101813	0.005064	0.01366	0.078377
0.029932	0.032391	0.088717	0.108921	0.107495	0.065643	0.043396	0.049293	0.030345	0.129271
0.112462	0.07345	0.105608	0.117201	0.142442	0.096764	0.027176	0.03748	0.068987	0.120107
0.105284	0.094942	0.04644	0.04174	0.069233	0.096123	0.050748	0.001525	0.039584	0.068884
0.039058	0.060361	0.020974	-0.036	-0.00406	0.058595	0.037431	0.071157	0.068402	0.032004
0.03576	0.057649	0.012507	0.025853	0.036457	0.073597	0.085799	0.108194	0.087504	0.111132
0.072253	0.104677	0.095927	0.030135	0.014392	0.057344	0.06753	0.018763	0.06601	0.095278
0.027836	0.032193	0.020938	0.00804	-0.01398	0.003826	-0.00541	-0.02489	0.061939	0.070455
0.011913	0.003904	-0.03769	0.017082	0.058843	0.036027	0.038102	0.053982	0.088622	0.0634
0.050671	0.069637	0.051762	0.067724	0.04181	0.080667	0.060323	0.029448	0.029939	0.080023
0.01031	-0.0078	0.022563	0.02539	0.029797	0.041904	0.010927	-0.02554	-0.01147	0.027181
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0.036555	0.052897	0.050402	-0.00348	0.009329	0.088421	0.042754	0.02976	0.035977	0.053747
0.035597	0.038852	0.064007	-0.02306	-0.03985	-0.01544	-0.05875	0.009104	-0.03385	-0.02561
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0.011452	0.016396	-0.00825	-0.0347	-0.0878	-0.0914	0.012806	-0.02951	-0.05729	-0.05259
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0.008814	-0.01715	-0.00143	-0.03422	-0.01584	-0.01917	-0.01437	-0.04399	-0.04279	-0.05414
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0.018004	0.022463	-0.03217	0.001771	0.021372	-0.03069	0.017941	0.062386	-0.01423	0.02225
0.029754	0.022446	0.032243	0.062126	0.033298	0.001982	0.046656	0.065064	0.060888	0.079698
0.090497	0.04667	0.08574	0.028195	0.036179	0.019932	0.025868	-0.01157	-0.00519	0.054341
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0.032594	0.017644	0.057976	0.134207	0.080637	0.077465	0.026122	0.057	0.030659	0.055938
0.021344	0.021692	0.040148	0.059132	0.045675	0.099682	0.07665	0.077685	0.080359	0.061796
0.011759	0.062205	0.06725	0.028446	0.058434	0.082257	0.033001	0.086774	0.096228	0.085454
0.054103	0.055333	0.056615	0.060289	0.068295	0.054037	0.055363	0.044977	0.058044	0.074277
0.082745	0.085604	0.00185	0.017292	0.023112	0.043338	0.022723	0.033927	2.90E-04	0.005067
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0.135119	0.092171	0.034819	0.067783	0.074928	0.044266	0.032835	0.034557	0.039471	0.091226
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0.079679	0.109456	0.130493	0.157035	0.132709	0.088085	0.088955	0.070552	0.019007	0.075949
0.083409	0.009542	0.056653	0.085415	0.094313	0.009717	0.035331	0.072208	0.095498	0.044434
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-0.03164	-0.05293	-0.05549	-0.00298	0.004315	-0.0407	-0.04476	-0.04242	-0.08722	-0.06867
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-0.04497	-0.05314	-0.02091	-0.01002	-0.01409	-0.02793	-0.0741	-0.0697	-0.09312	-0.05078
0.001124	-0.0126	-0.012	-0.00442	0.015276	-0.02159	-0.07011	-0.02621	-0.04728	-0.04729
-0.01721	0.013995	-0.01015	0.003621	0.018582	-0.01395	-0.07018	-0.00802	-0.00746	-0.07754
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0.004995	0.007366	-0.01732	-0.01243	0.005067	-0.02993	-0.0682	-0.02891	-0.05666	-0.05201
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0.030133	0.042146	0.051303	0.027033	0.011887	-0.00656	-0.02879	-0.02688	-0.01895	-0.05885

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0.03077	0.010435	0.019137	0.017363	0.014239	0.023622	0.006373	0.034496	0.046362	0.004792
0.041324	0.035817	0.036609	0.008234	0.003775	0.017177	-5.33E-04	0.005619	0.016814	0.005731
0.052753	0.0537	0.037201	0.023654	0.023371	-0.02832	-0.00615	0.00884	-0.03486	-0.03235
0.057932	0.05612	0.039911	0.044504	0.045561	-0.00624	0.008572	0.014863	-0.03016	-0.03471
0.041094	0.030253	0.034086	0.028013	0.04994	0.03386	0.02913	0.005797	0.012085	-0.00311
0.017965	0.039266	0.04335	0.01494	0.052332	0.036212	0.014442	-0.01672	-0.00823	-0.00458
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0.057753	0.060418	0.082005	0.062787	0.033446	0.049924	0.034474	0.009847	0.05845	0.063325
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0.054354	0.064758	0.093478	0.089075	0.088036	0.074989	0.072975	0.070556	0.061673	0.06971
0.045767	0.060357	0.101234	0.074851	0.074429	0.105339	0.054238	0.049974	0.063378	0.061019
0.053187	0.064312	0.082724	0.05684	0.074491	0.089626	0.020711	0.026921	0.044157	0.039641
0.103704	0.097579	0.06036	0.06778	0.109048	0.1327	0.071604	0.05233	0.05329	0.052256
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0.095747	0.069512	0.049929	0.08433	0.091095	0.083993	0.081361	0.095899	0.011037	-0.03316
0.121753	0.106779	0.075612	0.129694	0.1041	0.086259	0.079684	0.125953	0.068724	-0.01974
0.127854	0.110325	0.127528	0.127997	0.098969	0.123863	0.089605	0.114738	0.100652	0.101882
0.118321	0.113242	0.131739	0.102571	0.069493	0.104578	0.101673	0.087831	0.082408	0.087502
0.114575	0.144953	0.13296	0.09345	0.055129	0.093613	0.072173	0.09546	0.110458	0.082704
0.125632	0.130953	0.164228	0.141834	0.08286	0.122095	0.085214	0.076056	0.114685	0.121875
0.129711	0.097974	0.098925	0.090753	0.064692	0.091351	0.089473	0.072132	0.068938	0.080787
0.137554	0.110776	0.049263	0.093323	0.104386	0.090593	0.075519	0.133522	0.087237	0.05395
0.145077	0.131923	0.110859	0.154298	0.129636	0.108091	0.095085	0.142762	0.114424	0.088332
0.10624	0.090116	0.129102	0.121004	0.084075	0.115805	0.093288	0.102756	0.123095	0.103306
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0.146519	0.154827	0.185643	0.178551	0.102434	0.119546	0.147666	0.131158	0.153093	0.160881
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0.105281	0.072228	0.11713	0.125896	0.107363	0.086071	0.078848	0.155489	0.113193	0.110197
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0.122981	0.119618	0.11693	0.109425	0.118005	0.12621	0.118287	0.053483	0.105574	0.149982
0.123421	0.131213	0.129239	0.078409	0.110116	0.123909	0.130225	0.091314	0.09021	0.105348
0.07317	0.108773	0.129217	0.0834	0.117552	0.113115	0.088311	0.085618	0.108301	0.109002
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0.041613	0.067955	0.045004	0.045677	0.056229	0.070264	0.032256	0.079889	0.067445	0.047512
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-0.12722	-0.10998	-0.0811	-0.08476	-0.09515	-0.09164	-0.1375	-0.12415	-0.1385	-0.14375
-0.10629	-0.08843	-0.05737	-0.07475	-0.10188	-0.09053	-0.10702	-0.10654	-0.10917	-0.11437
-0.08599	-0.07479	-0.08312	-0.08266	-0.09278	-0.10814	-0.1019	-0.09236	-0.09507	-0.08636
-0.07611	-0.07025	-0.11086	-0.10436	-0.09998	-0.08083	-0.09318	-0.08184	-0.07489	-0.099
-0.05886	-0.08309	-0.08705	-0.07323	-0.07359	-0.06619	-0.06716	-0.07703	-0.08692	-0.10349
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-0.07094	-0.08961	-0.03061	-0.05769	-0.06343	-0.0829	-0.10312	-0.1021	-0.08948	-0.06667
-0.04728	-0.07727	-0.01815	-0.03115	-0.03702	-0.05277	-0.06977	-0.06827	-0.08306	-0.05876
0.007992	-0.01127	-0.03577	-0.02692	-0.05561	-0.04167	-0.03167	-0.03005	-0.07049	-0.09439
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0.019077	0.009416	-0.01944	-0.0136	-0.03464	-0.05235	-0.0766	-0.04279	-0.06216	-0.04013
0.043038	0.014952	-0.0149	0.008391	0.009107	-0.0197	-0.03193	-0.03087	-0.06087	-0.05112
0.02372	-0.01773	-0.03284	-0.01589	-0.01519	-0.04579	-0.04825	-0.05292	-0.06294	-0.06292
0.00705	-0.02964	-0.0058	-0.00686	-0.03253	-0.06691	-0.03862	-0.05334	-0.09502	-0.06025
0.009597	-0.01529	0.013249	0.00612	0.01456	-0.0263	-0.00987	-0.02503	-0.05688	-0.03195
0.025106	-0.00413	-0.02272	-0.008	0.016208	-0.00354	-0.0522	-0.02293	-0.01829	-0.02829
0.058872	0.014898	-0.03917	-0.02587	-0.02693	-0.04772	-0.09052	-0.02179	-0.00921	-0.03256
0.10169	0.035304	-0.00331	0.019961	-0.01767	-0.02541	-0.06365	0.025389	-0.00457	-0.03202
0.077346	0.043245	0.015883	0.031775	0.01619	0.015545	-0.03077	0.028366	0.008651	-0.01839
0.052083	0.021276	0.008236	-0.01274	-0.00506	-0.00452	-0.02401	-0.01428	-0.01025	-0.02255
0.046738	0.01031	0.035687	0.004446	-0.02789	-0.02845	-0.03069	-0.00348	-0.00647	-0.00261
0.091585	0.081829	0.060556	0.048527	0.029784	-0.0078	-0.01316	0.036635	0.031376	0.006835
0.092535	0.120171	0.05272	0.05105	0.067348	0.030457	-0.02011	0.002209	-0.00698	-0.01687
0.093834	0.105218	0.045796	0.049118	0.0421	0.033251	-0.02496	-0.00528	-0.01594	-0.03327
0.086566	0.132634	0.102501	0.038689	0.020662	0.03996	0.014184	0.036233	0.034403	-0.00254

0.029852	0.116407	0.137155	0.030786	0.005242	0.019279	0.010636	0.003857	0.01385	0.012878
0.04598	0.068774	0.102243	0.068717	0.028545	-0.016	-0.00384	-0.01484	-0.04043	-0.00308
0.08112	0.095462	0.117241	0.138796	0.07486	0.003171	0.026939	0.02375	-0.01761	0.013945
0.092405	0.133394	0.14593	0.123942	0.094026	0.041479	0.029991	0.01339	-0.01326	0.01022
0.052378	0.090374	0.108607	0.045374	0.061076	0.03031	-0.02096	-0.02556	-0.01701	-0.00382
0.059472	0.091646	0.07422	0.081915	0.113784	0.062798	0.01005	0.00893	0.044218	0.031794
0.046038	0.062653	0.089516	0.11679	0.139484	0.142952	0.048588	-0.00551	0.056848	0.04801
0.033309	0.004549	0.024081	0.08755	0.087761	0.109979	0.050349	0.021784	0.03763	0.026451
0.045689	0.005114	0.025915	0.102269	0.097235	0.093379	0.075987	0.07261	-0.00211	0.004377
0.06748	0.057754	0.070089	0.075519	0.110094	0.122299	0.090396	0.070349	-0.00381	-0.0096
0.045728	0.059414	0.055625	0.022252	0.044966	0.103948	0.071541	0.046297	0.012685	-0.00869
0.03912	0.049253	0.056088	0.037461	0.037045	0.06436	0.044511	0.045867	-0.02668	-0.02382
0.059673	0.048568	0.066353	0.08173	0.081044	0.05573	0.042497	0.021192	-0.035	0.028085
0.05376	0.061182	0.072731	0.084599	0.058142	0.041122	0.035752	0.01797	0.029968	0.053829
0.056736	0.036558	0.025969	0.037275	0.0272	0.026463	0.044036	0.061885	0.055397	0.023672
0.05163	1.90E-04	-0.00405	0.041249	0.069817	0.081988	0.083825	0.081033	0.060519	0.024408
0.041824	0.012103	0.001095	0.049481	0.082525	0.112097	0.057163	0.063573	0.07267	0.049728
0.012159	0.040185	0.036536	0.058456	0.094004	0.103753	0.022006	0.064205	0.108418	0.073836
0.039503	0.091172	0.070209	0.086072	0.126687	0.114291	0.049848	0.140762	0.155067	0.122702
0.067582	0.124899	0.119896	0.118712	0.117302	0.151801	0.129406	0.146347	0.124695	0.170313
0.061118	0.069532	0.061005	0.114499	0.082567	0.09963	0.09631	0.115702	0.104228	0.100305
0.091283	0.057495	0.043387	0.106976	0.07363	0.074908	0.114736	0.139426	0.157601	0.08476
0.068747	0.0562	0.063848	0.109074	0.1052	0.111986	0.144266	0.161702	0.136935	0.196132
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0.067214	0.071403	0.073234	0.048127	0.094993	0.085738	0.108545	0.122415	0.155928	0.191004
0.087997	0.083541	0.096436	0.075073	0.049785	0.04744	0.07812	0.083522	0.115802	0.188326
0.114439	0.07901	0.064635	0.054747	0.027937	0.017532	-0.01465	0.033069	0.067466	0.105348
0.122008	0.090116	0.080204	0.091994	0.06634	0.041611	0.017463	0.090923	0.100423	0.177074
0.065423	0.079828	0.099971	0.082018	0.06279	0.071672	0.080242	0.119463	0.136511	0.263494
0.028619	0.071444	0.071588	0.050533	0.041377	0.044667	0.076668	0.068717	0.142415	0.222689
0.049216	0.096465	0.074643	0.081997	0.100513	0.082277	0.101311	0.116829	0.20127	0.24768
0.088275	0.05214	0.044948	0.081853	0.079464	0.032919	0.069418	0.127201	0.173528	0.227844
0.076324	0.031003	0.019723	0.060528	0.044621	-0.03141	-0.00518	0.078369	0.107297	0.12787
0.088447	0.081091	0.054719	0.059158	0.065837	0.057462	0.048528	0.107059	0.110059	0.145194
0.077513	0.061403	0.062944	0.054921	0.020571	0.088871	0.078784	0.060244	0.12126	0.19616
0.03233	0.029504	0.075329	0.057482	-0.00333	0.081019	0.024569	-0.01278	0.05689	0.137534
0.01873	0.094244	0.129857	0.070418	0.067166	0.099952	0.047231	0.025874	0.090928	0.166866
0.052496	0.075481	0.130339	0.097016	0.089075	0.088745	0.118803	0.091618	0.128524	0.214044
0.071807	0.04126	0.05818	0.073133	0.050037	0.050135	0.089715	0.095657	0.082297	0.127128
0.058732	0.054869	0.029918	0.042488	0.04292	0.038651	0.032968	0.06079	0.087571	0.072084
0.08321	0.069532	0.055374	0.04526	0.058577	0.067621	0.027224	0.070266	0.089717	0.092529
0.054076	0.041434	0.023489	0.023024	0.036161	0.040484	0.020824	0.030683	0.079312	0.091405
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0.003848	0.075003	0.057521	0.069337	0.075641	0.044572	0.014627	0.020066	0.08089	0.090657
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0.04633	0.01782	0.029627	0.036867	0.037365	0.062917	0.011479	0.065144	0.050456	0.081626

0.080783	0.049214	0.045117	0.021624	0.036124	0.074623	0.009082	0.083138	0.054053	0.036835
0.096619	0.074484	0.091314	0.058827	0.046233	0.069442	0.046256	0.065902	0.036856	0.070402
0.045456	0.051471	0.092531	0.082327	0.048237	0.050864	0.068832	0.02271	0.050886	0.110979
0.006873	0.047299	0.070828	0.06776	0.061355	0.089017	0.064582	0.019164	0.084129	0.108635
0.03501	0.085006	0.098413	0.074547	0.092483	0.129949	0.068455	0.043604	0.082716	0.096812
0.04906	0.065286	0.098306	0.075013	0.054776	0.056041	0.062886	0.066004	0.038505	0.047313
0.027687	0.072228	0.067562	0.017026	0.018564	-0.00604	-0.01132	0.044207	0.030867	0.016143
0.088489	0.090525	0.051418	0.015028	0.051008	0.011422	-0.00938	0.057604	0.067999	0.105075
0.095246	0.041838	0.046098	0.042752	0.059071	0.073327	0.063093	0.056299	0.080254	0.137926
0.044158	0.00584	0.029681	0.044467	0.020028	0.043721	0.071246	-5.42E-04	0.035805	0.068497
0.038719	0.052298	0.055953	0.051338	0.020589	0.013602	0.04061	-0.01759	0.042687	0.068601
0.079711	0.072786	0.075814	0.061489	0.056465	0.064995	0.057795	0.048633	0.054197	0.096701
0.064267	0.045141	0.067165	0.023114	0.024339	0.028519	0.022119	0.046513	0.027165	0.067328
0.049275	0.056001	0.016588	-0.01995	0.016513	-0.00367	-0.02607	0.032633	0.045531	0.09679
0.085991	0.067465	0.040563	0.026833	0.061833	0.038315	0.002259	0.014608	0.009526	0.158355
0.025458	0.009845	0.050253	0.051837	0.056229	0.057053	0.044214	-0.05025	-0.06401	0.105712
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0.036243	0.038884	0.072952	0.077919	0.011497	0.061478	0.055373	0.05424	0.075306	0.1036
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0.016855	0.004372	0.018073	0.005395	-0.01529	0.010179	-0.00428	0.043059	0.040041	0.018223
0.033234	0.054869	0.028737	0.021016	0.036593	0.05838	0.02936	0.069811	0.094878	0.056179
0.022541	0.046559	0.05115	0.037108	0.021043	0.060259	0.044491	0.049244	0.07267	0.043056
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0.00339	0.026911	7.38E-04	-0.01466	0.04292	0.060495	0.052884	0.092706	0.066807	0.046717
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-0.02897	-0.02702	-0.02274	-0.0515	-0.01901	-0.01045	0.016033	0.025333	0.014302	0.009107
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0.019771	0.016148	0.041702	0.027051	0.041776	0.131172	0.132934	0.124919	0.126618	0.05077
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0.017037	0.036976	0.02979	0.063615	0.150416	0.135864	0.109119	0.083565	0.049781	0.054577
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-0.03239	-0.07433	-0.06166	-0.04374	-0.08795	-0.09767	-0.1121	-0.08402	-0.08752	-0.05664
-0.05542	-0.05532	-0.03945	-0.03754	-0.07658	-0.07574	-0.07368	-0.07721	-0.09669	-0.07392
-0.10752	-0.06462	-0.0252	-0.02918	-0.05456	-0.08996	-0.07657	-0.0776	-0.10016	-0.09957
-0.11892	-0.07124	-0.05985	-0.06749	-0.07385	-0.10024	-0.08965	-0.09356	-0.10325	-0.08348
-0.11415	-0.07213	-0.08027	-0.08163	-0.06782	-0.0827	-0.10671	-0.11255	-0.10395	-0.10088
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-0.05794	-0.08328	-0.08006	-0.10836	-0.0687	-0.09103	-0.12141	-0.09102	-0.10123	-0.10432
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-0.07787	-0.03375	-0.0678	-0.07371	-0.07887	-0.06443	-0.08256	-0.10096	-0.08742	-0.10206
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-0.06185	-0.10773	-0.01388	-0.02601	-0.09103	-0.09596	-0.06469	-0.06547	-0.07768	-0.07464
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-0.03887	-0.03435	-0.02119	-0.04711	-0.03431	-0.02953	-0.04103	-0.01596	-0.02038	-0.03042
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0.006252	-0.01013	-0.03861	-0.01832	-0.0088	-0.03527	-0.04298	-0.04924	-0.04092	-0.05873
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-0.02822	-0.05458	-0.04856	-0.07475	-0.07079	-0.08301	-0.13122	-0.07443	-0.07847	-0.05674
-0.01438	-0.03464	-6.11E-05	-0.05485	-0.08479	-0.0578	-0.04596	-0.05637	-0.06557	-0.02777
-0.015	0.006585	0.021557	0.01288	-0.01	-0.02068	0.004275	-0.0421	-0.04806	-0.01673
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0.010437	-0.04086	-0.03082	-0.00118	0.001081	-0.00486	-0.02724	0.00439	-0.04283	-0.04555
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0.031653	0.004637	-0.00491	0.006241	0.017681	4.78E-04	0.020056	0.038439	-0.0128	-0.02675

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0.016111	0.016039	0.022236	0.035422	0.041776	0.004015	-0.00146	0.014517	0.011261	0.007252
-0.00101	-0.00776	0.015883	0.014463	-0.00556	-0.01887	-0.02887	-0.00767	-0.01252	0.006256
-0.0051	-0.03811	-0.00715	0.008756	-0.01352	-0.0272	-0.00571	-0.01375	-0.0383	0.013374
0.002001	0.00196	0.036406	0.041868	0.008596	0.004015	0.013464	0.002864	-0.0206	0.011959
7.04E-04	0.032734	0.078166	0.056025	-0.00923	0.001488	-0.00833	8.49E-04	6.76E-04	-0.02851
0.0023	0.037109	0.024476	-0.00425	-0.01236	-0.0058	-0.01506	0.01408	0.014151	-0.03162
0.054235	0.024371	-0.01329	0.006414	0.004752	-0.01652	-0.0121	-7.17E-04	0.039083	0.038879
0.035579	0.011331	0.003605	0.017328	0.034268	-9.05E-04	-0.01238	-0.03743	0.008558	0.055915
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0.052772	0.009809	0.047972	0.048889	0.001861	0.02719	0.012176	0.01709	0.01057	-0.00481
0.038834	0.037814	0.033939	0.018056	-0.041	0.023496	-0.02065	-0.00726	0.029382	-0.00231
0.003601	0.042184	0.032545	0.006985	-0.03673	0.011878	-0.02342	0.008553	0.033654	0.005876
0.049275	0.057894	0.059775	0.062728	0.047446	0.022091	-0.00203	0.025669	0.045673	0.039367
0.042787	0.055544	0.043106	0.059862	0.048817	0.007425	-0.00306	-0.02501	-0.02396	-0.00944
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0.022596	-0.0276	-0.02271	0.043184	0.022151	-0.01836	0.001093	0.005262	-0.04728	-0.04235
0.042556	0.024389	0.011031	0.044939	0.026061	0.019618	0.026635	0.019937	-0.01559	-0.00112
0.025921	-0.00433	0.001589	-0.01666	-0.01944	-0.0115	1.27E-04	-0.0233	-0.03407	0.00152
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0.012266	0.024131	-0.0044	0.00947	0.032737	0.060102	0.016664	0.02621	0.049618	0.03072
0.02131	0.048412	0.024152	0.045298	0.025859	0.041554	0.004582	0.009793	0.00212	-0.01872
0.010419	0.001363	-0.02909	0.02227	-0.02174	-0.00621	-0.02541	0.002598	-0.04523	-0.06132
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0.001282	0.001925	0.005716	-0.01075	0.034249	0.037681	-0.00497	0.00619	0.032552	-0.00803
0.033441	0.033866	0.032253	0.039248	0.030896	0.032809	-0.00726	-0.03992	-0.02887	-0.04553
0.008776	0.005982	0.012637	0.039752	-0.02599	-0.02675	-0.00943	-0.03623	-0.03547	-0.02323
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7.74E-04	-0.01628	-0.00128	0.009348	-0.00673	0.013637	0.011185	-0.03405	-0.019	-0.01586
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0.025959	0.033035	0.050559	0.038969	0.056052	-0.00291	0.0401	0.0546	0.059766	0.060198
0.001072	0.026707	0.057889	0.056452	0.028416	0.025574	0.049167	0.043079	-0.01064	0.02611
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0.048708	0.018258	0.018924	0.046587	0.045945	0.007286	0.016367	0.035106	0.018998	-0.0156
0.044894	-0.00298	-0.02354	-0.02004	0.011941	0.015457	0.009922	-0.00354	0.006833	0.020368
0.00572	-0.00824	-0.01061	-0.04317	0.012741	0.051517	0.023512	-0.01912	0.01955	0.066828
0.037918	0.047865	0.052624	0.01948	0.023006	0.041442	0.009831	0.001908	0.006907	0.03666

0.051276	0.038521	0.051494	0.031537	-0.00378	-0.01115	-0.00629	0.015245	-0.04899	-0.01672
0.04598	0.00196	0.004891	0.011495	-0.02646	-0.02955	0.013962	0.027071	-0.02147	0.023559
0.053424	1.03E-04	0.03648	0.041231	0.012776	0.006227	0.036898	0.038016	0.046118	0.044378
0.06136	0.044618	0.034472	0.020301	0.003496	0.014378	0.02088	0.022766	0.032356	0.019303
0.010724	0.028271	0.025843	0.005188	-0.03928	0.012581	0.013114	0.016816	-0.02211	0.007579
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0.090271	0.067241	0.08094	0.044467	0.01716	0.072317	0.086389	0.095394	0.017231	-0.00811
0.119539	0.061544	0.029827	0.046435	0.056367	0.009847	0.033836	0.054081	-0.01266	-0.01155
0.045456	0.050213	0.030318	0.070538	0.066239	0.033915	0.041867	0.060831	0.028272	0.047234
0.043134	0.066955	0.068078	0.072488	0.081523	0.07629	0.029321	0.062677	0.039961	0.047333
0.035276	0.047865	0.061181	0.024032	0.043053	0.052249	0.020805	0.010099	-0.00227	0.014664
0.006022	-0.01923	0.057269	0.053087	0.018096	0.027499	0.022232	0.030758	0.027243	0.057195
0.065281	0.030628	0.091356	0.096271	0.058774	0.073793	0.054583	0.069935	0.06492	0.078986
0.137914	0.099422	0.084845	0.120621	0.114774	0.098793	0.05582	0.042282	0.060603	0.045625
0.092189	0.103706	0.055393	0.094996	0.102281	0.07686	0.045085	0.065022	0.083952	0.049988
0.052299	0.105106	0.038331	0.096037	0.115856	0.085759	0.052219	0.098761	0.129751	0.113452
0.089862	0.144246	0.113321	0.146227	0.162282	0.155011	0.059206	0.063899	0.123894	0.1572
0.062145	0.09329	0.118533	0.103565	0.11083	0.095162	0.079705	0.068964	0.085281	0.124505
0.054116	0.044424	0.099437	0.091257	0.078572	0.043023	0.12943	0.122392	0.098887	0.128805
0.100455	0.087521	0.142521	0.126557	0.134461	0.131172	0.114876	0.131897	0.11747	0.134751
0.097821	0.11406	0.131211	0.099474	0.120667	0.142335	0.070909	0.103538	0.128133	0.100081
0.050804	0.093723	0.087143	0.065395	0.111298	0.106342	0.04226	0.109928	0.091041	0.052035
0.025606	0.093572	0.075936	0.061745	0.127011	0.123546	0.087393	0.109543	0.067211	0.077874
0.086907	0.102	0.113983	0.075438	0.077228	0.136005	0.116648	0.097702	0.091221	0.055732
0.059192	0.064413	0.04557	0.057054	0.035148	0.068141	0.103709	0.097592	0.055107	0.030548
0.049764	0.050037	0.009953	0.071441	0.060221	0.054489	0.080114	0.087702	0.076087	0.078023
0.067133	0.045025	0.032948	0.069457	0.073507	0.060102	0.023908	0.064409	0.05939	0.086303
0.032217	0.030234	0.038999	-0.01546	0.01299	0.051363	0.02043	0.067173	0.028486	0.064131
-0.00707	0.026632	0.039687	-8.26E-04	0.019974	0.058458	0.025402	0.061662	0.045207	0.07668
1.27E-04	0.036253	0.017896	0.032252	0.073568	0.098514	0.059943	0.051101	0.056557	0.069773
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0.057254	0.059735	0.030482	0.029124	0.026998	-0.00533	-0.02738	-0.01404	0.012348	-2.49E-04
0.080825	0.074671	0.066254	-0.0164	0.025419	0.031613	-0.00368	-0.01554	-0.0159	-0.02436
0.068092	0.105151	0.086003	-1.62E-04	0.048566	0.087093	0.022947	0.024382	0.014471	0.033815
0.09896	0.158185	0.155711	0.130591	0.129123	0.14648	0.12005	0.064531	0.039143	0.110289
0.190241	0.196236	0.191383	0.238512	0.203452	0.191557	0.167751	0.173717	0.13261	0.140928
0.285524	0.257167	0.175452	0.268831	0.294613	0.272873	0.269845	0.32726	0.261447	0.254649
0.346528	0.353142	0.331399	0.376321	0.398212	0.441946	0.41391	0.422026	0.433017	0.456847
0.310076	0.412022	0.516745	0.472561	0.503973	0.53697	0.471234	0.488918	0.543684	0.54912
0.300898	0.454226	0.553777	0.511998	0.516678	0.518997	0.498847	0.52059	0.533233	0.540053
0.493529	0.493998	0.49753	0.500137	0.48997	0.44708	0.46058	0.493939	0.481896	0.403227
0.472388	0.499153	0.385603	0.359735	0.437652	0.431303	0.438012	0.501356	0.409794	0.337786
0.340861	0.414376	0.331909	0.330131	0.346812	0.371878	0.438404	0.444454	0.349399	0.36686
0.318688	0.376876	0.356825	0.340461	0.303456	0.279845	0.349199	0.332829	0.315026	0.33001
0.314703	0.268208	0.323423	0.266369	0.212718	0.286831	0.26528	0.229685	0.260683	0.314974

0.27569	0.211894	0.330708	0.29986	0.227552	0.29873	0.261088	0.250735	0.254418	0.293266
0.249097	0.312856	0.350575	0.334454	0.273603	0.207429	0.183599	0.201583	0.157025	0.174826
0.233088	0.256409	0.232303	0.22514	0.215576	0.154036	0.118756	0.115541	0.159939	0.109898
0.203268	0.220463	0.181548	0.128753	0.187673	0.18891	0.167331	0.159257	0.191192	0.127582
0.219179	0.19706	0.177747	0.157618	0.152547	0.163316	0.198972	0.22864	0.196631	0.180143
0.264015	0.13145	0.1343	0.169668	0.127683	0.099415	0.166439	0.204561	0.10171	0.150386
0.234015	0.081217	0.153142	0.206537	0.151737	0.133489	0.200472	0.137851	0.03539	0.143205
0.223571	0.215497	0.249725	0.251031	0.194922	0.172747	0.156951	0.13865	0.1314	0.124291
0.158583	0.215324	0.203043	0.155418	0.136942	0.140348	0.06856	0.115817	0.141076	0.077106
0.119194	0.157305	0.166265	0.102377	0.113605	0.169707	0.133517	0.068552	0.095627	0.114194
0.139308	0.188505	0.173447	0.112948	0.105773	0.209472	0.183708	0.158648	0.168583	0.135677
0.202181	0.23042	0.188543	0.135407	0.102916	0.123614	0.122791	0.18575	0.163615	0.115985
0.219787	0.213635	0.149725	0.169694	0.171547	0.119568	0.116858	0.163673	0.090232	0.023672
0.251616	0.214149	0.129651	0.226804	0.203839	0.126575	0.159832	0.166763	0.078722	0.098018
0.19495	0.221277	0.221197	0.244487	0.242789	0.195478	0.245342	0.214367	0.161813	0.202514
0.118069	0.16811	0.179232	0.152043	0.196305	0.19318	0.184363	0.160274	0.136111	0.206543
0.126146	0.079954	0.145099	0.119318	0.114931	0.135141	0.152157	0.139523	0.120586	0.196917
0.144759	0.111567	0.158222	0.128936	0.129403	0.147774	0.132086	0.140033	0.125765	0.145519
0.115212	0.148187	0.164079	0.145583	0.142785	0.158368	0.099017	0.103694	0.12167	0.104893
0.094246	0.12448	0.094406	0.106605	0.146499	0.119366	0.044234	0.056139	0.132512	0.067703
0.118528	0.115084	0.036702	0.107412	0.152056	0.098257	0.063961	0.131969	0.171305	0.118861
0.063741	0.107988	0.08706	0.106474	0.149098	0.134442	0.105414	0.105239	0.108535	0.14004
0.032348	0.079387	0.093141	0.065078	0.103859	0.097187	0.067536	0.020472	-0.01851	0.061122
0.070387	0.083944	0.063868	0.071582	0.08641	-0.00415	0.084909	0.053245	-0.02118	0.029668
0.133591	0.104728	0.087018	0.072488	0.089584	0.09171	0.142228	0.132924	0.078155	0.060096
0.092924	0.083732	0.081268	0.069517	0.054815	0.100189	0.097784	0.09546	0.051563	0.098981
-0.00519	0.04689	0.087621	0.058144	0.045695	0.058849	0.083695	0.049718	0.057992	0.102243
0.049647	0.081407	0.101577	0.05128	0.111611	0.084346	0.079555	0.065943	0.127888	0.134021
0.110568	0.035988	0.062159	0.094063	0.119277	0.107237	0.099196	0.07799	0.070928	0.113892
0.069013	0.002927	0.040525	0.077145	0.06369	0.039211	0.072827	0.112589	0.043351	0.078451
0.070449	0.067343	0.042431	0.063063	0.068419	0.078802	0.049067	0.074633	0.024863	0.057582
0.056398	0.101779	0.09033	0.096356	0.088015	0.070083	0.014867	0.044383	0.030984	0.054597
0.030826	0.070107	0.075693	0.106583	0.045849	0.047935	0.068895	0.049165	-0.01317	0.020518
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-0.00139	0.065855	0.097094	0.045563	0.04443	0.099114	0.08932	0.043234	0.04762	0.098667
0.055127	9.95E-04	0.056456	0.002642	0.030525	0.037606	0.010471	0.043156	0.045248	0.015736
0.005367	-0.03209	0.028338	-0.00398	-0.01996	-0.03222	-0.02972	-0.00712	0.048516	0.036
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0.014934	-0.03561	-0.06134	0.014411	-0.0217	-0.06725	-0.03958	0.002333	-0.03313	-0.04096
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0.027687	0.047046	0.033627	0.131144	0.120872	0.090235	0.026464	0.022858	0.034896	0.009399
0.089197	0.080059	0.084144	0.08985	0.016567	0.015457	0.022326	0.0183	0.011729	-0.00963
0.02672	-0.0049	0.021557	0.074466	0.053933	0.032901	0.080328	0.104186	0.097835	0.098533
0.095028	0.053463	0.048161	0.111734	0.075168	0.0863	0.083543	0.025949	0.06802	0.100958
0.129688	0.099048	0.10334	0.055734	0.022751	0.070947	0.035481	-0.07939	-0.00435	0.075617
0.033347	0.026391	0.057909	0.033024	0.043397	0.063015	0.060929	-8.93E-04	0.080539	0.104712
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0.007619	0.091279	0.105002	0.075824	0.051455	0.086259	0.075668	0.097548	0.001735	-0.00362
0.052615	0.035893	0.095378	0.045317	0.003304	7.69E-04	0.001165	0.006761	0.039741	0.04515
0.002282	0.034869	0.066096	0.052702	0.095337	0.024308	0.025516	0.036693	0.090749	0.075681
0.071642	0.087137	0.06788	0.026779	0.099055	0.051152	0.012691	0.046101	-0.0237	0.020967
0.077471	0.066242	0.068674	0.0677	0.060539	0.008643	-0.03802	0.002015	-0.04734	-0.01401
0.082237	0.053839	0.07225	0.025006	0.012278	0.053078	0.055617	-0.0031	-0.05465	0.024125
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0.042672	-0.04134	0.078695	0.057832	0.016585	0.036323	0.020337	0.022914	0.032297	0.090041
0.036243	0.034225	0.129034	0.086176	0.089457	0.084325	0.074945	0.053344	0.091535	0.032832
0.125516	0.064495	0.109546	0.079472	0.101428	-0.00315	0.053046	0.030418	0.045086	-0.01389
0.069812	-0.00501	0.025537	0.036885	0.042271	-0.0723	0.014997	0.037651	0.04323	-0.02184
0.0125	-0.02389	0.018729	0.094445	0.059785	0.003946	0.033547	0.040733	0.020199	0.023785
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0.127152	0.163628	0.198674	0.209923	0.226531	0.195344	0.190663	0.279105	0.306343	0.34381
0.326584	0.349414	0.360704	0.362122	0.389183	0.40967	0.383017	0.398535	0.432326	0.449451
0.419172	0.441626	0.447312	0.442645	0.470083	0.466242	0.449074	0.452311	0.45928	0.469129
0.441282	0.453282	0.442816	0.451907	0.47874	0.44967	0.455961	0.472679	0.453184	0.431397
0.425454	0.39694	0.422312	0.431685	0.428656	0.407351	0.417679	0.430242	0.400621	0.376773
0.381879	0.345213	0.339042	0.407064	0.384592	0.335556	0.388708	0.441088	0.411294	0.427798
0.338608	0.283615	0.179361	0.360125	0.304395	0.322332	0.393854	0.37558	0.357707	0.414991
0.355862	0.314908	0.302888	0.256411	0.248203	0.379628	0.360318	0.302268	0.336475	0.352602
0.273061	0.28486	0.33337	0.305714	0.348775	0.343244	0.306136	0.285646	0.271477	0.245728
0.284211	0.315125	0.34049	0.326537	0.348621	0.311349	0.290584	0.268656	0.192837	0.210031
0.329074	0.336364	0.310979	0.352574	0.300062	0.286137	0.316934	0.336366	0.276856	0.223942
0.345675	0.352984	0.367894	0.409027	0.375757	0.346114	0.357298	0.322796	0.180071	0.128805
0.398832	0.413288	0.401831	0.406064	0.373056	0.321794	0.308275	0.237551	0.147964	0.132493
0.395345	0.34626	0.317174	0.302213	0.265214	0.23371	0.204344	0.125342	0.077631	0.033295
0.250215	0.214436	0.207428	0.166205	0.14185	0.113958	0.078762	0.049954	0.006019	-0.06363
0.108073	0.082166	0.069033	0.057462	0.03008	1.36E-04	-0.06927	-0.06037	-0.1001	-0.14375
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[illegible]

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7.79E-11	3.90E-11	1.95E-11	9.74E-12	4.87E-12	0.155744	2.809838	0.155744	0.257783	1.50527
0.415224	0.543084	0.384165	0.375577	0.509485	0.600951	0.311487	0.40287	0.488306	0.359823
0.077141	0.131941	0.131633	0.118292	0.134292	0.146335	0.071209	0.060728	0.072121	0.081286
-0.01205	0.002644	0.011363	0.01891	0.002793	0.017217	0.009576	-0.04103	-0.05425	-0.02549
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-0.12012	-0.10409	-0.1179	-0.16063	-0.13867	-0.08792	-0.09681	-0.09814	-0.0659	-0.08964
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0.050755	0.055009	0.019005	0.013038	0.044436	0.019458	-0.01218	-0.0071	-0.00108	-0.02055
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0.052058	0.070991	0.063308	0.041422	0.030119	0.006446	0.009299	0.079595	0.066001	0.03616
0.057736	0.043636	0.04016	0.073196	0.062785	0.020344	0.014325	0.073394	0.021065	0.010679
0.090686	0.04981	0.065879	0.128498	0.111855	0.112617	0.105673	0.083503	0.030271	0.014181
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0.068027	0.105422	0.101761	0.020878	0.043913	0.074019	0.06704	0.058078	0.113454	0.082556
0.094588	0.076052	0.116394	0.078647	0.044805	0.085577	0.094694	0.101437	0.115681	0.093092
0.062358	0.039188	0.096017	0.099443	0.051175	0.07358	0.09629	0.100201	0.070064	0.051375
0.093217	0.065619	0.048672	0.074921	0.107867	0.050181	0.078457	0.113773	0.084212	0.057191
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0.121251	0.125246	0.125292	0.081292	0.05088	0.102128	0.091875	0.03632	0.041414	0.091373
0.076333	0.113715	0.136231	0.09864	0.075047	0.10873	0.099479	0.043304	0.066252	0.097464
0.112673	0.150066	0.141867	0.107934	0.129621	0.133212	0.148361	0.11514	0.162267	0.142179
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0.116009	0.141642	0.116674	0.11583	0.155466	0.098864	0.109466	0.107315	0.068649	0.094309
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0.087952	0.130675	0.150803	0.156344	0.107083	0.14958	0.123844	0.122319	0.147405	0.138633
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0.160708	0.146316	0.151866	0.099331	0.053939	0.112959	0.098255	0.065995	0.097977	0.130254
0.118015	0.080769	0.083753	0.094409	0.091536	0.121101	0.120425	0.145087	0.149584	0.089705
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-0.11719	-0.11135	-0.12739	-0.10828	-0.12131	-0.1102	-0.12061	-0.13022	-0.12768	-0.12532
-0.12042	-0.09594	-0.12352	-0.12776	-0.12867	-0.11126	-0.1361	-0.11308	-0.11286	-0.13029
-0.1065	-0.09883	-0.13709	-0.13005	-0.11687	-0.11835	-0.14361	-0.11831	-0.1111	-0.13469
-0.10446	-0.0999	-0.1405	-0.11812	-0.09954	-0.12073	-0.13276	-0.09869	-0.10854	-0.14119
-0.12025	-0.11435	-0.1441	-0.12887	-0.08626	-0.13744	-0.15067	-0.11645	-0.11435	-0.14439
-0.1176	-0.14299	-0.15007	-0.15453	-0.09478	-0.12444	-0.15503	-0.12278	-0.12408	-0.12291
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-0.05064	-0.09313	-0.08222	-0.04655	-0.05445	-0.09223	-0.07127	-0.06089	-0.10891	-0.08543
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-0.04975	-0.06214	-0.06009	-0.05915	-0.05003	-0.04744	-0.07891	-0.06626	-0.07025	-0.07199
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-0.01923	-0.01862	-0.02617	-0.04829	-0.0646	-0.03637	-0.01328	-0.02865	-0.06349	-0.06378
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0.008339	-0.05038	-0.04943	0.005176	-0.04478	-0.06545	-0.08891	-0.0514	-0.03956	-0.03933
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0.014979	-0.01879	-0.0513	-0.01769	-0.04574	-0.05686	-0.06191	-0.05135	-0.04849	-0.02037
0.012828	0.012217	-0.01208	0.012107	-0.01612	-0.03369	-0.02293	-0.01232	-0.01047	0.010058
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0.007994	0.032877	-0.00321	-0.00394	0.034056	0.004359	-0.03595	-0.00442	-0.01075	-0.0032
0.042664	0.032819	0.004953	0.004907	0.04634	0.045501	0.001079	0.004774	-0.04881	-0.01233
0.038558	0.020689	0.017254	0.018521	0.033206	0.031734	-0.01517	-0.01415	-0.07736	-0.04818
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0.032201	0.026299	0.015621	0.021717	0.018134	0.028769	-0.00367	-0.00515	0.048563	0.021815
0.029944	-0.01132	-0.02565	0.020041	0.015842	0.013512	-6.18E-04	0.012957	0.019085	0.016859
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0.02503	0.023438	0.021251	0.019484	0.011508	-0.02783	-0.04559	-0.01606	-0.00201	-0.00141
0.010925	0.071179	0.053112	0.006075	-0.00905	0.011445	-0.00342	-0.02482	-0.00374	0.023656
0.042448	0.085645	0.066233	0.023923	0.010181	0.003062	-0.00507	-0.0262	0.009964	0.00922
0.106462	0.083521	0.077492	0.043241	0.010844	-0.02958	0.018694	-0.00202	0.017077	0.014586
0.119161	0.084828	0.034803	9.60E-04	0.017733	0.006535	0.02822	0.005731	-0.00615	-0.00852
0.165113	0.118235	0.051379	0.020432	0.047197	-0.0048	0.003347	0.018805	-0.00263	-0.01277
0.170249	0.103513	0.072649	0.067875	0.068217	0.007968	0.005974	-0.01293	-0.0052	0.032227
0.173051	0.081983	0.063846	0.07389	0.057101	0.047009	0.030266	-0.02053	-0.01053	0.041774
0.118576	0.123178	0.119277	0.080522	0.027185	0.05137	0.048546	0.00419	0.016067	0.022528
0.156526	0.148199	0.14157	0.075132	0.015697	0.056215	0.061681	0.038036	0.049207	0.001069
0.205623	0.152593	0.127899	0.10732	0.044359	0.056275	0.050205	0.0588	0.021538	0.002967
0.184937	0.216512	0.137725	0.092451	0.071835	0.045325	-0.01526	0.015254	0.023111	0.008002
0.181976	0.138571	0.125674	0.118246	0.099603	0.053038	0.020753	0.044214	0.071824	0.004873
0.224379	0.121703	0.073791	0.101455	0.064	0.053676	0.075698	0.075577	0.080577	0.023768
0.209097	0.209105	0.102032	0.074563	0.016423	0.028957	0.048526	0.039874	0.051755	0.035657
0.212424	0.269825	0.15474	0.096863	0.025456	0.050458	0.044388	0.005075	0.042406	0.066208
0.249861	0.234009	0.160494	0.137558	0.060024	0.080225	0.028836	-0.02937	0.003311	0.058861
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0.214608	0.198351	0.148583	0.055081	0.105474	0.078153	0.051971	-0.00801	0.033487	0.012527
0.251288	0.227342	0.165881	0.111658	0.105184	0.093522	0.053581	0.034079	0.064014	0.044431
0.181976	0.174672	0.151587	0.14322	0.070825	0.067858	0.045149	0.009329	0.016553	0.041303
0.190728	0.187749	0.1716	0.111061	0.019066	0.051132	0.038629	-0.01622	0.010757	0.065027
0.221582	0.18593	0.11553	0.085981	0.036524	0.058789	0.053296	0.037998	0.041692	0.065296
0.117407	0.141055	0.059111	0.071938	0.029782	0.038823	0.059068	0.056361	0.030328	0.005992
0.090028	0.109696	0.090722	0.055706	0.032507	0.02843	0.020829	0.031982	0.03565	-0.00447
0.128516	0.111747	0.099778	0.065909	0.077989	0.054634	0.041519	0.060668	0.082075	0.062838
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0.127225	0.103714	0.104913	0.05486	0.024049	0.088008	0.07727	0.034932	0.027001	0.028881
0.187672	0.123389	0.110915	0.098841	0.063028	0.062577	0.065149	0.047365	0.025968	0.035096
0.104758	0.084656	0.084122	0.036262	0.041115	0.030448	0.035092	0.053698	0.033545	-0.0098

0.062152	0.117934	0.080837	0.019874	0.040981	0.047147	0.031953	0.048421	0.044116	0.003344
0.099643	0.149891	0.112927	0.079754	0.061654	0.066234	0.076257	0.048088	0.029191	0.035869
0.12456	0.105174	0.123982	0.120417	0.038316	0.018924	0.068158	0.057738	0.024995	0.021928
0.090752	0.089468	0.106851	0.097351	0.027726	0.02003	0.02081	0.052215	0.029287	0.025428
0.110072	0.106165	0.078562	0.049956	0.017679	0.036422	0.008102	0.02071	0.0237	0.019554
0.064832	0.06259	0.063349	0.029754	0.014447	-0.00949	-0.01816	0.00865	0.014501	0.012161
0.008557	0.030427	0.034339	0.005805	0.016677	-0.00875	-0.01402	0.004615	0.03002	0.004189
0.081201	0.074205	0.052023	0.036995	0.039215	0.001857	0.017866	0.025548	0.028421	0.006317
0.110141	0.095454	0.077834	0.061533	0.042676	-0.025	-0.01244	0.036491	0.023282	-9.27E-04
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0.063181	0.051576	0.071953	0.054377	0.016169	0.054055	0.084072	0.0206	0.037236	0.050674
0.105643	0.077527	0.073347	0.051571	0.032753	0.029353	0.08779	0.03573	0.047999	0.059985
0.084325	0.09788	0.057353	0.018669	0.012912	-0.00645	0.029145	0.002021	-0.01587	0.023373
0.104169	0.10981	0.060218	0.024185	0.027632	-0.02965	-0.00524	-0.00973	-0.0189	-0.02313
0.172707	0.062998	0.048452	0.033685	0.030176	-0.0124	-0.00283	0.004332	0.003329	-0.01824
0.147129	0.027972	0.02037	0.023717	0.006311	-0.00794	-0.01983	-0.01121	-0.00312	-0.00244
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0.134082	0.087433	0.05601	0.023398	0.005265	0.006374	0.010444	0.009812	-0.00195	0.029872
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0.051937	0.065229	0.041751	-0.00145	0.017387	0.009568	0.004841	-0.0056	-0.0348	-0.00546
0.065473	0.037626	8.51E-04	0.0041	-0.00528	-0.02087	-0.01576	0.004491	-0.05116	-0.06044
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0.07045	0.027878	0.010721	0.007914	0.027222	0.027904	-0.01279	0.01368	0.023396	0.020543
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0.019389	-0.00381	0.026025	0.047891	0.016259	0.004021	0.009447	0.008668	-0.00406	0.013427
0.00485	0.005299	0.00173	0.003438	-0.0057	-0.04076	-0.00118	0.013517	-0.00229	-0.00798
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0.040195	-1.01E-04	0.015547	0.036571	0.042966	0.031886	0.001622	0.010906	-0.0323	-0.02446
0.038772	0.030351	0.001263	0.011815	0.041192	0.019735	-0.00426	0.03497	-0.02019	-0.0151
0.034374	0.016047	0.044633	0.019856	0.023845	0.001946	-0.00911	0.046254	-0.00579	0.020917
0.054151	0.045926	0.050455	0.047218	0.054594	-0.00542	0.01278	0.02425	0.0042	0.001695
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0.029982	0.02156	-0.00341	-0.0241	-0.01952	0.003257	-0.00565	0.008239	0.040999	0.021665
0.030269	0.007844	0.013017	-0.00751	0.011131	0.019348	0.007275	0.037444	0.068987	0.017991
0.020657	-0.01275	-0.02703	-0.00152	0.030833	0.03472	0.017659	0.042376	0.027538	0.031057
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0.011564	-0.0517	-0.04234	-0.01676	-0.00773	0.027378	0.015502	0.024139	-0.02364	0.028177
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0.022904	0.015699	0.025475	0.001066	0.010754	0.017088	0.01582	0.028697	0.038415	0.025617
0.045305	0.008474	0.026025	-0.02583	0.01766	3.91E-04	0.034037	0.024176	0.017227	0.007277
0.007704	-0.00956	0.038029	0.031391	0.031641	0.007179	0.04593	0.027502	0.014687	0.007476
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-0.02361	-0.04445	-0.05673	-0.02653	-0.01585	-0.01322	-0.02668	-0.0022	0.014575	-0.00767
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-0.03493	-0.09661	-0.04403	-0.00651	-0.03622	-0.02664	0.004021	-0.05241	-0.0594	-0.02055
-0.03125	-0.05788	-0.02187	0.012527	-0.00573	-0.04005	-0.02579	-0.02668	-0.0343	-0.04862
-0.08001	-0.06986	-0.05165	-0.04724	-0.04362	-0.06958	-0.06831	-0.06209	-0.04099	-0.05746
-0.10966	-0.08808	-0.08713	-0.06389	-0.08014	-0.08915	-0.07559	-0.0521	-0.05167	-0.04162
-0.08342	-0.0619	-0.08306	-0.06343	-0.09078	-0.09386	-0.07378	-0.04382	-0.05913	-0.05197
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0.019203	0.051417	0.029511	-0.01166	0.018499	0.029278	-0.00896	0.036034	0.034285	-0.00295
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0.022773	0.010676	0.018595	0.03632	0.021504	0.005571	0.007184	0.011481	0.011921	-0.0095
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0.053063	0.044046	0.009715	0.017171	0.035231	0.005803	-0.01279	0.009651	-0.00203	-0.00134
0.033142	0.00691	-0.00683	0.005679	-0.00345	0.001839	0.022194	0.021335	-0.01369	0.033514
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0.048778	4.47E-04	0.019528	0.03526	0.083319	0.034968	0.013803	0.036529	0.036237	-0.0253
0.049296	0.042505	0.034455	0.010923	0.048271	0.037784	-0.01176	-0.00606	0.018841	-0.02369
0.003627	0.013909	0.004303	-0.03192	-0.01174	0.022323	0.016083	-0.01561	-0.02657	0.004909
0.001031	-0.03252	-0.02458	-0.03144	6.50E-04	0.055513	0.025646	0.009991	0.00132	0.031709
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0.098949	0.117494	0.118854	0.149257	0.13182	0.109341	0.126179	0.191438	0.11747	0.142055
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0.049396	0.090489	0.087737	0.08217	0.120913	0.125971	0.122861	0.129596	0.191059	0.164629
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0.054252	0.053089	0.071278	0.062741	0.036352	0.001733	0.022498	0.070502	0.073483	0.090626
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0.363857	0.338162	0.343775	0.375409	0.336	0.288821	0.325428	0.370549	0.331302	0.294478
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0.264412	0.234827	0.197169	0.211671	0.264444	0.266684	0.262775	0.274204	0.283603	0.242431
0.16319	0.162798	0.12639	0.151213	0.181509	0.232576	0.160414	0.18989	0.240753	0.224076
0.097119	0.161464	0.157377	0.137899	0.131322	0.205086	0.192293	0.191656	0.205784	0.188001
0.12347	0.183175	0.192022	0.197773	0.146156	0.06213	0.150807	0.187592	0.157869	0.14092
0.185264	0.144711	0.137382	0.152572	0.171371	0.100837	0.110535	0.15847	0.134308	0.071239
0.182003	0.138255	0.111492	0.150158	0.135366	0.120659	0.122526	0.182685	0.110774	0.094951
0.132702	0.118189	0.170143	0.223826	0.158051	0.14314	0.199977	0.185896	0.14378	0.163953
0.126653	0.158478	0.149666	0.19504	0.1941	0.161475	0.135992	0.157111	0.169281	0.13315
0.112373	0.133355	0.149439	0.137826	0.119275	0.094178	0.133113	0.136397	0.11681	0.113295
0.116475	0.088861	0.135059	0.12425	0.085827	0.148016	0.17879	0.112887	0.105785	0.168631
0.145657	0.135762	0.152856	0.099287	0.103604	0.149282	0.133407	0.109337	0.148088	0.123761
0.120123	0.148025	0.124744	0.108754	0.095354	0.128592	0.082214	0.051958	0.116386	0.012527
0.114407	0.125576	0.081311	0.117013	0.140268	0.11486	0.081212	0.08497	0.07227	0.06451
0.191281	0.189002	0.168876	0.180122	0.205154	0.10046	0.142057	0.19008	0.162581	0.147202
0.240033	0.223988	0.219602	0.144827	0.180739	0.149257	0.110628	0.136469	0.103768	0.112117
0.17446	0.13947	0.163557	0.114281	0.125771	0.136793	0.109605	0.092833	0.029518	0.091748
0.164827	0.088817	0.151638	0.153177	0.144933	0.124279	0.118453	0.116397	0.083535	0.157938
0.120499	0.07318	0.133258	0.102801	0.120013	0.098908	0.074454	0.14845	0.150933	0.123666
0.104758	0.073159	0.139742	0.101253	0.13182	0.146015	0.097531	0.158925	0.117376	0.075481
0.102092	0.133787	0.073834	0.100783	0.175282	0.151798	0.094469	0.128794	0.078243	0.121963
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0.069843	0.096599	0.059725	0.030476	0.021228	0.076554	0.107727	0.040258	0.052994	0.105433
0.057472	0.098876	0.090149	0.037846	0.02579	0.160021	0.09241	0.075847	0.147759	0.156377
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0.123021	0.075821	0.074321	0.098707	0.091147	0.013112	0.081212	0.124599	0.115986	0.113319
0.09848	0.092341	0.062275	0.047079	0.098613	0.063473	0.064897	0.125697	0.17377	0.147878
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0.035687	0.015718	0.080213	0.087779	0.077612	0.094901	0.09539	0.087768	0.084977	0.125209
0.073962	0.093719	0.079333	0.041598	0.042136	0.046676	0.008765	0.087232	0.113151	0.065172
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-0.08894	-0.10118	-0.08355	-0.10491	-0.09404	-0.08461	-0.08686	-0.13667	-0.14645	-0.12364

[illegible]

190	191	192	193	194	195	196	197	198	199
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.864596	1.010404	1.490274	1.439389	1.684677	0.129423	0.176611	1.643677	0.111899	0.05595
0.233025	0.268385	0.288327	0.182507	0.258846	0.366205	0.37563	0.223798	0.354969	0.423461
0.069828	0.063912	0.0905	0.029138	0.042561	0.09054	0.084236	0.05572	0.05808	0.089351
0.010159	-0.00739	0.014974	0.035072	0.035977	0.015882	0.029122	0.059762	0.039842	0.042139
-0.07351	-0.05088	-0.04404	-0.05007	-0.03503	-0.05109	-0.04605	-0.01005	-0.01803	-0.02119
-0.09908	-0.06761	-0.08592	-0.12672	-0.05828	-0.06541	-0.08708	-0.0618	-0.03562	-0.04545
-0.05442	-0.09534	-0.11318	-0.09763	-0.03064	-0.02719	-0.02951	-0.03864	-0.03126	-0.06162
-0.06069	-0.09677	-0.11053	-0.07024	-0.07655	-0.06611	-0.06063	-0.03226	-0.04731	-0.07906
-0.10645	-0.09991	-0.10094	-0.07808	-0.117	-0.09843	-0.09137	-0.08502	-0.0887	-0.10746
-0.0808	-0.07553	-0.08569	-0.07127	-0.10675	-0.06961	-0.07282	-0.11679	-0.10844	-0.07657
-0.09327	-0.1017	-0.0809	-0.08903	-0.09508	-0.08605	-0.09872	-0.09386	-0.09239	-0.07372
-0.13223	-0.10198	-0.07943	-0.12017	-0.12538	-0.09097	-0.10985	-0.11512	-0.09451	-0.11238
-0.11821	-0.08497	-0.0688	-0.08998	-0.08525	-0.0779	-0.11245	-0.12315	-0.0822	-0.12267
-0.11184	-0.11009	-0.08832	-0.11306	-0.08655	-0.12391	-0.11557	-0.08751	-0.08697	-0.13098
-0.11991	-0.14534	-0.12705	-0.1263	-0.1136	-0.18817	-0.11762	-0.09339	-0.08483	-0.13889
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-0.12117	-0.15474	-0.18073	-0.14569	-0.09832	-0.09918	-0.09213	-0.10495	-0.07521	-0.06936
-0.16562	-0.15903	-0.15535	-0.14335	-0.13522	-0.12664	-0.09588	-0.11203	-0.10878	-0.07949
-0.1251	-0.13112	-0.14399	-0.1438	-0.13308	-0.13514	-0.10727	-0.09473	-0.12099	-0.10297
-0.11515	-0.11598	-0.14234	-0.14358	-0.14075	-0.13707	-0.12674	-0.10924	-0.08989	-0.1083
-0.15555	-0.11774	-0.1583	-0.11735	-0.11768	-0.13363	-0.15613	-0.14454	-0.11495	-0.0945
-0.10502	-0.09294	-0.12086	-0.07717	-0.05828	-0.08243	-0.14332	-0.12237	-0.10141	-0.11131
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-0.0515	-0.04812	-0.04467	-0.03842	-0.04382	-0.07239	-0.06035	-0.11145	-0.09058	-0.08008
-0.10648	-0.10998	-0.07597	-0.09972	-0.09037	-0.16232	-0.08908	-0.15994	-0.12194	-0.06734
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-0.07133	-0.07935	-0.11715	-0.087	-0.07006	-0.11507	-0.12446	-0.07932	-0.07161	-0.07883
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-0.03805	-0.0822	-0.09499	-0.038	-0.06024	-0.11476	-0.08695	-0.04531	-0.05792	-0.08385
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-0.13135	-0.1446	-0.12443	-0.10452	-0.10293	-0.09294	-0.09076	-0.09769	-0.09836	-0.0909
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-0.14411	-0.12969	-0.11898	-0.13246	-0.13523	-0.15614	-0.12293	-0.14511	-0.13055	-0.12591
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-0.1612	-0.1545	-0.15691	-0.14924	-0.16386	-0.15491	-0.15302	-0.13399	-0.16527	-0.15823
-0.16334	-0.15132	-0.15263	-0.15738	-0.15597	-0.14745	-0.15822	-0.12938	-0.15055	-0.16667
-0.17852	-0.17937	-0.16252	-0.16532	-0.19809	-0.16374	-0.15683	-0.15832	-0.14449	-0.17024
-0.1938	-0.19793	-0.18613	-0.19379	-0.17802	-0.15649	-0.15669	-0.17332	-0.14871	-0.16688
-0.2191	-0.20053	-0.20429	-0.21528	-0.178	-0.18537	-0.17666	-0.19517	-0.16261	-0.15865
-0.22574	-0.19871	-0.19276	-0.19904	-0.20414	-0.1953	-0.18919	-0.2097	-0.18147	-0.17193
-0.19307	-0.19297	-0.18188	-0.19336	-0.20647	-0.20969	-0.18919	-0.19432	-0.18401	-0.18784
-0.19352	-0.20119	-0.18393	-0.18562	-0.20191	-0.19478	-0.18408	-0.19158	-0.18951	-0.1921
-0.20256	-0.22486	-0.20976	-0.18628	-0.20003	-0.18404	-0.17961	-0.20137	-0.21576	-0.17966
-0.21231	-0.21084	-0.22113	-0.19189	-0.18154	-0.17954	-0.20467	-0.20417	-0.21166	-0.19368
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-0.17782	-0.205	-0.19953	-0.18507	-0.19449	-0.18223	-0.18943	-0.20099	-0.17127	-0.19082
-0.19842	-0.2212	-0.18589	-0.18548	-0.20351	-0.19551	-0.19019	-0.1976	-0.16729	-0.1821
-0.21534	-0.20836	-0.16197	-0.17696	-0.20041	-0.19174	-0.18059	-0.2032	-0.16861	-0.17048

-0.16573	-0.16282	-0.15202	-0.16248	-0.15549	-0.16956	-0.16476	-0.18011	-0.15599	-0.17278
-0.13687	-0.13607	-0.14718	-0.1533	-0.13294	-0.13966	-0.1492	-0.16314	-0.14945	-0.19563
-0.15145	-0.15102	-0.16032	-0.18551	-0.15071	-0.16463	-0.16759	-0.17412	-0.17163	-0.20664
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-0.15212	-0.15445	-0.12522	-0.12371	-0.12322	-0.16485	-0.14996	-0.11843	-0.11427	-0.15397
-0.1692	-0.14268	-0.10647	-0.13101	-0.16507	-0.15239	-0.13438	-0.15709	-0.14901	-0.15172
-0.1322	-0.12423	-0.11424	-0.12599	-0.15693	-0.15146	-0.13411	-0.14211	-0.14604	-0.15583
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0.025137	-0.01069	-0.0162	0.009702	0.006132	-0.03645	-0.02877	0.015678	0.020284	-0.03423
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-0.00958	0.003316	0.026856	0.032114	0.068088	0.042447	0.043464	0.039837	0.036916	0.018104
0.002433	0.002406	-0.0429	1.34E-04	0.040447	0.020484	0.00868	0.027589	0.035672	0.008107
0.043641	0.016447	-0.03113	0.018624	0.041248	0.01866	0.016506	0.032185	0.027318	0.024828
0.059782	0.039687	-0.01306	-0.01454	0.039783	0.031671	-0.0172	0.033631	0.052955	0.057731
0.014237	0.009723	0.002218	-0.01175	0.027079	0.047242	0.017834	0.033786	0.037281	0.066656
0.014948	-0.02327	0.0259	0.018551	0.024887	0.086829	0.097823	0.020992	0.008144	0.089529
0.057623	0.013054	0.041666	0.052248	0.058026	0.085116	0.069456	0.052178	0.049053	0.095283
0.046182	0.040951	0.020393	0.051219	0.06199	0.039825	0.021369	0.065461	0.087402	0.078309
0.044089	0.040601	0.020356	0.078124	0.036016	8.43E-04	0.049848	0.0557	0.060544	0.064769
0.040824	0.046677	0.032674	0.076196	0.032991	0.013783	0.07613	0.06515	0.075187	0.057423
0.032976	0.063317	0.035402	0.047229	0.054461	0.036328	0.041719	0.063967	0.085188	0.039919
0.00825	0.029872	0.017721	0.028201	0.030387	0.055211	0.045276	0.023174	0.041544	0.043531
0.019718	0.00927	0.017978	0.016996	0.01023	0.027196	0.035258	-0.01928	0.037531	0.035397
0.041464	0.020256	0.033055	0.007036	0.031056	0.001467	0.005829	0.013072	0.040847	0.017671
0.040108	0.024044	-0.00396	-0.01045	0.045555	0.030314	0.007033	0.020486	0.019418	-0.00691
0.010592	-0.02832	-0.01366	0.011771	0.015049	0.014923	0.025257	0.023287	-0.00838	0.024809
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-0.02716	-0.04804	-0.03878	-0.05217	-0.05106	-0.0066	-0.00331	0.003687	0.026906	0.010631
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0.0061	-0.05286	-0.04154	-0.01792	-0.02535	-0.00772	-0.006	-7.61E-04	-0.04174	-0.02827

-0.0071	-0.07033	-0.06808	-0.05161	-0.04043	-0.01716	0.001497	-0.00693	-0.02145	-0.02079
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-0.0604	-0.04021	-0.05555	-0.01496	-0.02459	-2.97E-04	-0.06685	-0.10806	-0.03591	-0.05236
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-0.07155	-0.09398	-0.06943	-0.05794	-0.07101	-0.08002	-0.07567	-0.07455	-0.10473	-0.07663
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0.050793	0.065311	0.072853	0.068278	0.061375	0.058905	0.035629	0.059475	0.053593	-0.01474
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0.168889	0.168177	0.17705	0.153242	0.16061	0.170434	0.135281	0.118212	0.068412	0.056354
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0.054934	-0.02515	-0.03502	0.048287	0.039783	-0.00488	0.036625	0.025499	0.022283	0.00245
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-0.00566	-0.01667	-0.0089	0.006323	0.028768	0.022485	0.011531	0.005259	-0.02314	-0.00647
0.026484	0.026618	0.018254	-0.01132	-0.00442	0.04467	0.037604	0.018634	0.01511	0.036572

0.04127	0.047764	0.032655	-0.04107	-0.01404	0.045895	0.037486	0.033863	0.058121	0.040157
-0.01633	0.011176	-0.00475	0.002564	0.021003	0.013379	0.002743	0.013423	0.023731	0.006695
-0.01236	0.009814	0.00863	0.054391	0.016895	-0.02429	0.029872	0.029709	-0.00309	0.00653
0.039857	0.050604	0.036878	0.060743	0.047496	0.01827	0.059387	0.05353	0.028182	0.008456
0.032691	0.017701	0.004921	0.025847	0.036016	0.045657	0.03947	0.030341	0.008215	0.003685
0.018336	0.015748	0.011682	-0.01101	-0.00184	0.034302	0.017441	0.021067	-0.02686	0.032668
0.028832	0.011012	0.028473	-0.04135	-0.01342	0.035845	0.005719	0.006454	0.015548	0.056272
0.005261	-0.00851	0.018015	-0.02086	-0.00405	-0.01286	-0.04961	-0.00844	0.020358	-0.00337
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0.022437	0.011686	0.030417	0.024415	0.006276	0.005035	0.018865	-0.01598	0.016425	0.030902
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0.008682	0.024813	0.038745	0.040568	0.016026	0.011913	-0.00539	0.013017	0.026943	0.011519
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3.29E-04	0.011522	-0.01884	-0.01617	0.005194	0.014003	0.028047	0.027094	0.061659	-0.02225
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0.061342	0.079426	0.047491	0.046759	0.091679	0.071561	0.064027	0.056615	0.084588	0.093893
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0.090408	0.088395	0.072623	0.063863	0.070217	0.05219	0.051808	0.128639	0.080519	0.052797
0.131441	0.081988	0.031743	0.092978	0.129836	0.069718	0.083081	0.133522	0.117783	0.109918
0.178831	0.158264	0.112787	0.129688	0.157786	0.140922	0.13757	0.144427	0.122078	0.167145
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0.091538	0.139752	0.147158	0.135092	0.149723	0.150807	0.143832	0.106908	0.177797	0.137998
0.078061	0.13897	0.17798	0.176009	0.152546	0.135175	0.13757	0.119128	0.127644	0.129438
0.086884	0.098174	0.058794	0.126928	0.119263	0.145625	0.12287	0.148358	0.113689	0.081625
0.155598	0.144869	0.07396	0.147214	0.167125	0.184356	0.135993	0.1605	0.12327	0.116516
0.191492	0.195524	0.156238	0.156275	0.172889	0.157251	0.141212	0.122884	0.098442	0.152634
0.07539	0.147326	0.13645	0.127375	0.12447	0.128641	0.127932	0.097924	0.135081	0.145897
0.076861	0.147973	0.143879	0.117901	0.099507	0.147945	0.137668	0.115358	0.205453	0.145595
0.123851	0.183025	0.181689	0.158873	0.128088	0.167258	0.156042	0.152757	0.158165	0.1357
0.152933	0.120356	0.133969	0.145959	0.116648	0.151563	0.122989	0.133595	0.117021	0.110336
0.115792	0.098218	0.06375	0.034103	0.112847	0.103354	0.074868	0.122623	0.106786	0.11115
0.082408	0.088199	0.066516	0.008412	0.095165	0.09155	0.036097	0.036966	0.059896	0.069969
0.045242	0.035453	0.040213	0.026201	0.034568	0.040313	0.031647	0.012428	0.050891	0.036808
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0.06766	0.022398	0.015942	0.053397	-0.02693	-0.0413	-0.04031	-0.0757	-0.04726	-0.02741
0.203686	0.146232	0.073646	0.103453	0.041229	0.028961	0.018359	-0.00879	-0.04577	-0.01786
0.336247	0.239011	0.192819	0.175904	0.16846	0.090781	0.053553	0.013773	-0.02916	-0.04165
0.330626	0.325979	0.276799	0.207897	0.231103	0.185037	0.132614	0.025044	0.031863	-0.00528
0.348616	0.37226	0.325804	0.301135	0.261081	0.256207	0.23669	0.154259	0.12484	0.070456
0.377061	0.369511	0.317114	0.325359	0.265355	0.284595	0.306121	0.270282	0.189875	0.135306
0.339663	0.23073	0.247172	0.338667	0.294367	0.25269	0.325573	0.283367	0.250393	0.202595
0.348341	0.265076	0.284949	0.328713	0.317844	0.285349	0.310067	0.320919	0.309629	0.222775

0.241979	0.297422	0.277467	0.247061	0.244706	0.25034	0.289704	0.316043	0.331556	0.284366
0.155951	0.177387	0.228209	0.260026	0.178275	0.154119	0.269652	0.218326	0.292436	0.324927
0.205522	0.199688	0.263978	0.316284	0.276883	0.256336	0.24451	0.225477	0.294306	0.248069
0.159423	0.242685	0.207358	0.230635	0.263229	0.228146	0.23271	0.199615	0.244445	0.170042
0.101175	0.168334	0.141404	0.181333	0.208435	0.161025	0.170756	0.210536	0.220439	0.184274
0.133714	0.12256	0.122992	0.210454	0.234816	0.198993	0.157718	0.225177	0.273114	0.245618
0.171052	0.145885	0.12815	0.129404	0.159941	0.175363	0.096452	0.125883	0.191816	0.219296
0.111054	0.074284	0.063586	0.054789	0.12147	0.173767	0.11596	0.04326	0.080944	0.149622
0.111009	0.048715	0.050869	0.068668	0.079905	0.102903	0.101963	0.036908	0.099017	0.134298
0.150334	0.12303	0.139917	0.146968	0.074336	0.082999	0.084302	0.069009	0.155335	0.109523
0.098248	0.157423	0.126565	0.106897	0.12599	0.158582	0.079937	0.023343	0.115524	0.076456
-0.0097	0.112246	0.068515	0.093784	0.146394	0.145276	0.12042	0.085125	0.081623	0.069059
0.099111	0.129169	0.066681	0.130066	0.116834	0.112965	0.149399	0.124976	0.146902	0.15087
0.146514	0.172244	0.158722	0.13206	0.090669	0.116022	0.114484	0.047865	0.09514	0.126702
0.055274	0.113786	0.073479	0.107189	0.076623	-0.00477	0.042155	0.057961	0.065452	0.077618
0.110008	0.096333	0.056136	0.112159	0.094169	-0.01697	0.078298	0.094156	0.076236	0.061849
0.165444	0.125177	0.103466	0.085905	0.096897	0.094062	0.089351	0.066085	0.0463	0.044929
0.103428	0.070056	0.06631	-0.00538	0.055612	0.117956	0.121203	0.024741	0.05453	0.066425
0.055495	0.082845	0.101055	0.050588	0.106069	0.175976	0.150008	0.076981	0.104539	0.10303
0.116552	0.115865	0.122524	0.129853	0.156917	0.163507	0.116595	0.118283	0.10275	0.078935
0.133786	0.05893	0.069631	0.147879	0.097765	0.094637	0.094079	0.033322	0.053752	0.045169
0.078083	0.069099	0.051385	0.074921	0.063945	0.071834	0.025428	0.074895	0.096546	0.067203
0.091146	0.101812	0.095723	0.111251	0.130172	0.128665	0.077696	0.167673	0.174889	0.149596
0.068629	0.088025	0.148299	0.156426	0.157402	0.137831	0.116759	0.119764	0.157329	0.167702
0.055655	0.092324	0.141453	0.126858	0.124968	0.137538	0.137002	0.094822	0.114514	0.172932
0.059903	0.111374	0.142922	0.088135	0.089421	0.148571	0.116242	0.092184	0.147125	0.201274
0.129276	0.14051	0.140697	0.110413	0.138489	0.116441	0.124088	0.108535	0.148561	0.158022
0.176628	0.099755	0.130525	0.066371	0.078133	0.09846	0.114859	0.054117	0.14304	0.140906
0.121	0.171717	0.138993	0.110436	0.09375	0.115627	0.147527	0.094111	0.173232	0.183971
0.151582	0.214714	0.132962	0.151148	0.137951	0.154855	0.152887	0.166806	0.172995	0.142255
0.174568	0.154351	0.123765	0.124818	0.13544	0.13372	0.158961	0.173258	0.144488	0.137082
0.097321	0.095338	0.13277	0.143363	0.103284	0.102047	0.178061	0.14856	0.08941	0.128225
0.132564	0.095007	0.13761	0.171036	0.160662	0.188841	0.141685	0.160526	0.168428	0.128831
0.127074	0.108747	0.097751	0.102763	0.11465	0.138345	0.081235	0.1184	0.170588	0.111616
0.019736	0.036397	0.074504	0.093566	0.085546	0.085419	0.120159	0.097723	0.107418	0.163899
0.033148	0.008564	0.079538	0.121508	0.145747	0.126445	0.140143	0.093601	0.08173	0.096812
0.045692	0.100447	0.119703	0.105417	0.130821	0.095501	0.116219	0.086628	0.068164	-0.04794
0.011858	0.086227	0.073751	0.081753	0.064584	0.049509	0.064194	0.119575	0.132492	-0.00972
0.029548	0.075569	0.058551	0.093413	0.113101	0.121002	0.07832	0.146701	0.175258	0.120424
0.114941	0.135856	0.107356	0.106156	0.160688	0.173475	0.139969	0.058145	0.068412	0.116186
0.091407	0.087288	0.006745	0.057626	0.047417	0.034745	0.054123	0.026125	-0.03498	-0.00496
0.070491	0.042415	-0.00718	0.059172	0.031687	0.002648	0.012159	0.013958	0.031049	-0.01467
0.044753	0.067087	0.023845	0.066924	0.047397	0.006388	0.040337	0.047048	0.071828	0.059072
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0.030776	0.053441	-0.03471	0.0017	0.046069	0.03513	0.0282	0.003597	0.033535	0.019987
-0.04322	0.069743	0.056437	0.032171	0.025698	0.047381	0.070829	0.041604	0.104114	0.081168
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0.016246	0.003084	0.049661	0.011447	-0.01573	0.046152	0.068319	0.079529	0.056352	0.057052
0.002416	0.054465	0.033188	-0.02366	0.052589	0.08855	0.046594	0.084147	0.102393	0.091883
0.042493	0.06215	0.052836	0.033553	0.070196	0.081193	0.045016	0.070436	0.08682	0.072795
0.017804	-0.026	0.029642	0.057285	0.020929	0.026779	0.024743	0.069953	0.063898	0.066089
0.018226	-0.05555	0.021652	0.041147	0.005699	0.050608	0.07085	0.028829	0.038088	0.074954
0.099975	0.036976	0.081427	0.063619	0.022388	0.074466	0.090036	0.094733	0.063287	0.033524
0.114023	0.1017	0.042716	0.066556	0.058453	0.053074	0.012455	0.066752	0.080116	0.026185
0.059721	0.033323	0.034122	0.022082	-0.00956	0.018121	0.02642	0.056432	0.079228	0.071454
0.011188	0.02195	0.063913	0.028913	0.013375	0.065642	0.01072	0.054482	0.041505	0.04196
0.020807	0.023313	0.039981	0.041494	0.051025	0.035343	-0.00525	-0.02028	0.017598	0.001382
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0.017161	0.002478	0.04592	0.034008	0.045338	0.040469	0.015369	0.053126	0.014126	0.026511
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0.007174	0.004515	7.32E-04	-0.03525	-0.02008	-0.05406	-0.05784	-0.06818	-0.05613	-0.0992
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0.040186	0.049629	0.032617	0.034445	0.002161	-0.02841	-0.0234	-0.02878	-0.0082	-0.02174
0.223456	0.173326	0.147703	0.146107	0.124399	0.093973	0.092386	0.119505	0.122405	0.091505
0.352131	0.308642	0.288533	0.304201	0.279009	0.261472	0.246439	0.255707	0.262475	0.215578
0.423605	0.41748	0.385312	0.390185	0.37841	0.365379	0.336629	0.339773	0.35461	0.309325
0.400175	0.393623	0.389487	0.38581	0.400081	0.400215	0.378672	0.360959	0.376309	0.369333
0.37434	0.36893	0.380118	0.3722	0.367904	0.394263	0.387311	0.371174	0.391661	0.363257
0.322921	0.33222	0.350508	0.34255	0.356068	0.355503	0.331702	0.337551	0.371226	0.317636
0.288748	0.297703	0.249453	0.263328	0.288518	0.284663	0.320957	0.325622	0.332578	0.320267
0.300347	0.30555	0.227285	0.228966	0.252562	0.284663	0.322578	0.305477	0.293786	0.29034
0.270528	0.23061	0.188197	0.230515	0.251512	0.242836	0.223051	0.22662	0.247673	0.231627
0.14285	0.168412	0.180752	0.204764	0.165741	0.171173	0.115491	0.090728	0.075062	0.129753
0.169513	0.204573	0.192956	0.107706	0.086848	0.082719	0.07718	0.005512	-0.02908	0.035104
0.136842	0.154351	0.129526	-0.02927	-0.031	-0.04379	0.010923	-0.01534	0.016315	-0.00281
0.049962	0.062477	0.05218	-0.05697	-0.08411	-0.03275	-0.02857	-0.06821	-0.05855	-0.05293
-0.0537	-0.03382	-0.04931	-0.05523	-0.07419	-0.04835	-0.10351	-0.13419	-0.11533	-0.11818
-0.12363	-0.10537	-0.13053	-0.10351	-0.07264	-0.09679	-0.12466	-0.12439	-0.11218	-0.14446
-0.13689	-0.15898	-0.1577	-0.112	-0.07868	-0.08596	-0.11484	-0.11084	-0.10474	-0.11322
-0.12106	-0.14214	-0.1366	-0.10561	-0.09365	-0.09284	-0.12917	-0.11288	-0.10948	-0.11629
-0.13858	-0.15678	-0.13951	-0.10995	-0.09972	-0.06251	-0.12283	-0.12081	-0.09705	-0.105
-0.11864	-0.12195	-0.14223	-0.07253	-0.04471	-0.00204	-0.01104	-0.03405	-0.00332	0.005671

[illegible]

200	201	202	203	204	205	206	207	208	209
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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.202268	3.79634	1.776506	1.525765	0.172484	0.258121	1.278344	1.624602	1.801945	1.789418
0.35706	0.348587	0.332685	0.344967	0.402541	0.408035	0.343758	0.3913	0.386027	0.405577
0.066466	0.042633	0.081609	0.098731	0.099088	0.118122	0.109197	0.121589	0.117865	0.146512
0.040579	-0.01148	0.019825	0.032194	0.015668	0.019635	0.041749	0.038801	0.040915	0.055267
-0.03087	-0.01557	-0.0191	-0.01607	-0.00818	-0.02213	-0.02107	-0.00216	0.013826	-0.0012
-0.09619	-0.08434	-0.04931	-0.06288	-0.04876	-0.05021	-0.05645	-0.04999	-0.02527	-0.02501
-0.05087	-0.04879	-0.02201	-0.08638	-0.06439	-0.03679	-0.02355	-0.07283	-0.07811	-0.01991
-0.06923	-0.05307	-0.06009	-0.05934	-0.04318	-0.04971	-0.05351	-0.06726	-0.08113	-0.05097
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-0.06548	-0.10022	-0.14114	-0.06584	-0.05915	-0.10902	-0.08752	-0.07342	-0.07893	-0.11959
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-0.09744	-0.09364	-0.10291	-0.12111	-0.12075	-0.09948	-0.10504	-0.14795	-0.1046	-0.06806
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-0.10833	-0.10575	-0.09395	-0.06688	-0.08814	-0.08879	-0.05457	-0.07356	-0.11907	-0.10385
-0.1515	-0.05978	-0.09309	-0.12	-0.11097	-0.09296	-0.1032	-0.10218	-0.13494	-0.10372
-0.11029	-0.079	-0.10605	-0.10793	-0.10512	-0.13851	-0.1528	-0.11259	-0.13027	-0.1079
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-0.09297	-0.09373	-0.12317	-0.10569	-0.11417	-0.09318	-0.11033	-0.11528	-0.13655	-0.09272
-0.08055	-0.12991	-0.14177	-0.09585	-0.09622	-0.13695	-0.11692	-0.10463	-0.11714	-0.13993
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0.007168	-0.02754	-0.00933	0.004724	-0.0228	0.004591	0.017632	0.009479	-0.00848	-0.01376
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-0.15524	-0.18175	-0.17329	-0.13731	-0.13944	-0.12473	-0.15248	-0.16207	-0.15259	-0.14098
-0.14806	-0.15819	-0.15478	-0.14069	-0.16574	-0.13882	-0.14557	-0.15503	-0.14747	-0.13837
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-0.18601	-0.18981	-0.15991	-0.16339	-0.17015	-0.15627	-0.18258	-0.20002	-0.18308	-0.14021
-0.20803	-0.20332	-0.17717	-0.20315	-0.19378	-0.16454	-0.16408	-0.21029	-0.18974	-0.16567
-0.20505	-0.21	-0.18816	-0.18333	-0.18502	-0.19395	-0.18366	-0.19801	-0.18603	-0.19111
-0.20311	-0.19037	-0.19527	-0.19794	-0.17611	-0.19761	-0.18227	-0.20327	-0.20781	-0.20873
-0.19458	-0.20132	-0.20201	-0.1961	-0.19289	-0.2115	-0.18483	-0.1955	-0.2325	-0.21918
-0.20146	-0.19764	-0.20851	-0.1909	-0.19229	-0.20873	-0.18912	-0.18693	-0.19929	-0.19266
-0.21886	-0.20206	-0.21059	-0.20039	-0.19614	-0.20733	-0.20774	-0.21765	-0.20167	-0.19419
-0.21049	-0.21932	-0.21892	-0.19428	-0.18088	-0.20663	-0.22608	-0.21814	-0.21702	-0.21729
-0.20462	-0.20244	-0.20819	-0.1917	-0.1822	-0.1954	-0.20543	-0.20311	-0.20284	-0.20226
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-0.16968	-0.16882	-0.17361	-0.18068	-0.17808	-0.17688	-0.18856	-0.19199	-0.17288	-0.16164
-0.1673	-0.13808	-0.13916	-0.18241	-0.16907	-0.17306	-0.19454	-0.19986	-0.16912	-0.17313
-0.18242	-0.14358	-0.14258	-0.17794	-0.1857	-0.19046	-0.20578	-0.19066	-0.17767	-0.18077
-0.16645	-0.14855	-0.15286	-0.14399	-0.17365	-0.16764	-0.16333	-0.15995	-0.18372	-0.18287
-0.12827	-0.13891	-0.15454	-0.13312	-0.1362	-0.14889	-0.14032	-0.15205	-0.17795	-0.15926
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-0.1603	-0.14503	-0.13127	-0.1258	-0.12527	-0.15092	-0.16111	-0.14364	-0.13532	-0.13228
-0.16536	-0.12492	-0.11349	-0.13313	-0.14176	-0.156	-0.1604	-0.15092	-0.12382	-0.12837
-0.15673	-0.13934	-0.11985	-0.14235	-0.16542	-0.15538	-0.13606	-0.15901	-0.14871	-0.13949
-0.15602	-0.14396	-0.14792	-0.12372	-0.13817	-0.13042	-0.1335	-0.14573	-0.14367	-0.1486
-0.10906	-0.08206	-0.10435	-0.08444	-0.11415	-0.10048	-0.10775	-0.11723	-0.11383	-0.12272
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-0.06249	-0.04675	-0.05497	-0.04455	-0.07987	-0.07898	-0.06221	-0.04261	-0.04628	-0.04446
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-0.0086	0.017073	-0.02295	-0.02739	0.014418	-0.01616	-0.02118	-0.00141	0.007295	0.004462
0.032649	0.029512	0.021786	-0.0102	0.005547	-0.01396	-0.02737	-7.38E-04	0.008198	0.007442
0.028297	0.019835	0.056921	0.026446	0.00701	-0.02592	-0.01408	0.005638	0.008367	0.002176
0.023893	0.001717	0.027445	0.024358	0.004763	-0.0211	0.014037	0.022288	-0.00466	0.015473
0.00951	0.023144	-0.00193	0.016681	0.032779	0.041498	0.05662	0.043413	0.053895	0.045747
-0.0244	0.03417	0.022573	0.032452	0.062937	0.080486	0.057764	0.06413	0.112446	0.06519
0.001258	0.035547	0.035181	0.045352	0.039991	0.050398	0.044428	0.091819	0.071045	0.058619
0.071283	0.040369	0.028322	0.077786	0.087184	0.079185	0.097648	0.135307	0.047336	0.037518
0.066466	0.070759	0.062952	0.043802	0.071733	0.106735	0.088854	0.078181	0.077644	0.061934
0.041328	0.05217	0.077611	0.057952	0.035587	0.055478	0.051415	7.83E-04	0.023019	0.079815
0.060812	0.031738	0.08603	0.079816	0.059595	0.078178	0.101203	0.054426	0.026422	0.096419
0.081363	0.072045	0.087491	0.070258	0.09719	0.080688	0.105949	0.130752	0.117308	0.102259
0.07957	0.077764	0.071706	0.082477	0.114669	0.060941	0.078241	0.120959	0.100828	0.051144
0.084274	0.069036	0.019473	0.093838	0.096222	0.049686	0.064124	0.115116	0.081103	0.050675
0.077462	0.080533	0.029561	0.095876	0.108194	0.058265	0.048386	0.100208	0.116462	0.10265
0.020079	0.033281	0.05007	0.031106	0.076952	0.074507	0.063596	0.057699	0.096792	0.111192
-0.03867	0.004221	0.074493	0.015001	0.014716	0.087003	0.08098	0.046666	0.087451	0.110958
-0.04731	-0.00302	0.040381	0.028544	0.032003	0.056944	0.070535	0.042341	0.059198	0.042473
0.001817	-0.02464	-0.03118	0.005767	-3.99E-04	-0.06444	0.017936	0.012316	-0.00991	-0.03305
-0.00406	-0.04736	-0.05355	0.007242	-0.00738	-0.06558	-1.23E-04	0.014129	-0.03019	-0.04098
0.006165	-0.07024	-0.07931	0.024047	-0.01172	-0.01962	0.008496	0.0083	-0.02447	0.023731
0.026748	-0.01856	-0.04953	0.016604	0.012688	-0.00396	0.009092	0.010547	0.021619	0.009812
0.025052	-0.02581	-0.01849	0.002886	-0.00575	-0.02243	-0.00687	-0.0135	-0.01625	-0.01857
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-0.02796	0.014143	0.010073	0.014164	0.02891	0.01086	0.00446	-0.01227	-0.02368	-0.02484
-0.01694	-7.54E-04	-0.00562	0.021275	-0.00484	-0.05789	-0.0194	-0.00769	-0.00271	-0.02122
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0.001943	0.049195	0.031869	0.028151	0.01019	0.018933	-0.02655	-0.00655	0.007577	-0.02434
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-0.04477	-0.06595	-0.00321	-0.01632	-0.0104	-0.03215	-0.01755	-0.0414	-0.05455	-0.01836
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0.011239	0.021919	-0.00103	0.01134	0.013023	-0.02453	-0.03492	-0.03578	-0.01084	-0.05481
0.028872	0.016905	-0.02302	-0.00559	-0.01588	-0.00836	-2.87E-04	0.026709	0.014532	-0.04814
0.00366	-0.01324	-0.03296	-0.03006	-0.02035	-0.013	5.98E-05	0.031253	0.019199	-0.01663
0.021661	-0.01148	-0.00746	-0.02155	-0.03455	-0.03794	-0.00388	-0.01504	-0.02052	0.0056
0.074596	0.051686	0.031748	0.009757	0.001948	0.00106	0.009427	0.007069	-0.00777	0.021972
0.043248	0.084426	0.048123	0.035417	0.059203	0.009485	0.015339	0.028368	0.028449	0.022889
0.008795	0.055186	0.026669	0.048427	0.042707	0.005838	-0.00412	7.83E-04	0.024229	-0.01958
0.015478	0.033011	0.008392	0.037518	0.043942	0.016852	-0.00136	0.01595	0.024737	-0.03047
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0.033831	0.014994	0.030623	0.025157	0.015892	0.022358	0.030315	-0.00771	0.0181	0.026115

0.022322	0.05759	0.041367	0.039367	0.022903	0.016174	0.011445	0.022385	0.05133	0.040954
0.030179	0.059104	0.004087	0.026739	0.059182	0.032094	-0.01253	0.032278	0.056622	0.026944
0.034336	0.051465	0.019903	0.056085	0.082844	0.032677	0.024602	0.047401	0.037236	-8.59E-04
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0.021265	0.002041	0.014496	0.020271	0.010375	0.030089	0.026362	0.002917	-0.00683	0.025806
0.007168	0.03759	0.019434	0.022475	0.025877	0.026305	5.53E-04	0.0056	0.032133	0.023291
0.011478	0.030316	0.002561	0.027425	0.027525	0.037045	0.009055	0.036124	0.059155	0.029306
0.009015	0.019892	0.005259	-0.0178	0.007688	0.047411	0.040446	0.050251	0.048161	0.031564
0.008356	0.006449	-0.00492	-0.00697	0.015313	0.013894	0.015547	0.030407	0.035729	0.030259
0.029045	0.005017	-0.00547	0.020985	0.026451	-0.00641	0.021314	0.019558	0.034707	0.012232
0.013825	0.01862	0.037783	0.021836	0.03504	0.008113	0.009055	0.013959	0.009574	0.008959
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0.015329	-0.00742	-0.03294	-0.01315	0.020704	0.005006	-0.05622	-0.01716	0.019411	0.008922
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8.63E-04	-0.03432	-0.01705	0.00923	-0.04001	-0.05645	-0.01593	-0.03096	-0.08502	-0.01815
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0.01157	-0.03301	-0.01858	-0.01694	0.001532	-0.0462	-0.03064	-0.03714	-0.04113	-0.0301
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0.03203	0.010755	-0.063	0.014316	0.00469	-6.39E-04	0.015623	0.026241	0.01314	-0.0038
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0.052873	0.067048	0.039889	0.041002	0.035705	0.091058	0.092089	0.03788	0.087903	0.072784
0.03041	0.068281	0.040997	0.051544	0.059699	0.115484	0.09245	0.06958	0.060597	0.058307
0.038651	0.050861	0.057945	0.053413	0.048009	0.060426	0.069292	0.051879	0.050043	0.051859
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0.142849	0.155877	0.103991	0.08731	0.109931	0.095732	0.106555	0.022964	0.047336	0.073428
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0.10198	0.138774	0.052468	0.102023	0.099495	0.107834	0.097968	0.051507	0.019566	0.083252
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0.131111	0.127232	0.053144	0.021662	0.135337	0.092741	0.081618	0.122657	0.088469	0.069939
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0.11636	0.140848	0.099878	0.058773	0.108865	0.101682	0.098449	0.073121	0.042827	0.014477
0.120747	0.133439	0.114643	0.137658	0.112072	0.098112	0.082102	0.052623	-0.00655	0.015924
0.06722	0.096634	0.120427	0.168786	0.109908	0.044858	0.009838	0.049141	0.035328	0.07988
0.05267	0.09621	0.114741	0.10682	0.053804	0.064758	0.065246	0.041655	0.048305	0.063359
0.005601	0.035721	0.055347	0.053642	-0.01351	0.04764	0.092472	0.027508	0.007935	0.026442
0.017268	-0.02193	-0.02167	0.017121	-0.0249	-0.00697	0.021639	-0.00569	0.005103	0.014928
-0.03129	-0.03295	-0.03049	-0.01269	0.008643	0.017843	-0.01727	-0.02505	0.0277	0.033148
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0.057931	-0.0155	-0.046	-0.03931	-0.04992	-0.07328	-0.08326	-0.07356	-0.08795	-0.13624
0.089625	0.047854	0.007726	0.028976	0.010874	-0.06244	-0.08316	-0.0637	-0.10518	-0.11556
0.146305	0.122747	0.078081	0.104965	0.033343	-0.00889	-0.01331	-0.02595	-0.07022	-0.07341
0.212064	0.224316	0.202664	0.162561	0.101836	0.074707	0.042674	0.00888	-0.00683	-0.01313

0.26933	0.245957	0.276303	0.215324	0.17033	0.161004	0.121375	0.088931	0.054209	0.085257
0.329636	0.308572	0.301459	0.267455	0.25304	0.24728	0.186664	0.172622	0.149135	0.153123
0.278129	0.349146	0.267907	0.251437	0.294138	0.296981	0.247277	0.223231	0.192481	0.155271
0.215382	0.322406	0.25723	0.224761	0.295453	0.254563	0.247632	0.243905	0.19994	0.181391
0.262311	0.278033	0.236021	0.291763	0.280552	0.26368	0.293131	0.305341	0.276792	0.295117
0.269998	0.24495	0.244309	0.295889	0.22738	0.186161	0.251	0.298329	0.261818	0.266808
0.19027	0.162302	0.169583	0.247027	0.223504	0.20373	0.288959	0.305304	0.231884	0.22161
0.167085	0.167585	0.141297	0.233745	0.223443	0.227709	0.266084	0.224427	0.243152	0.275482
0.158312	0.170543	0.157407	0.139811	0.167352	0.220208	0.19938	0.180213	0.213348	0.240263
0.061929	0.092475	0.123099	0.064221	0.112212	0.130117	0.132343	0.170446	0.20962	0.194029
0.041565	0.05849	0.061269	0.021294	0.09465	0.089129	0.098243	0.136159	0.187844	0.189148
0.124916	0.131449	0.133422	0.098269	0.125674	0.143101	0.144104	0.08566	0.069741	0.127993
0.139593	0.146501	0.112119	0.110649	0.052297	0.08179	0.066902	0.095708	0.072942	0.099968
0.118878	0.111733	0.087789	0.088121	0.053743	0.05533	0.007697	0.09947	0.12404	0.104793
0.137051	0.115334	0.090658	0.088008	0.096942	0.071416	0.04619	0.07085	0.108325	0.093236
0.121839	0.104209	0.091973	0.072361	0.068008	0.032677	0.047531	0.020153	0.041544	0.068619
0.056743	0.034267	0.051878	-0.00495	-0.00834	0.032415	0.063701	0.020498	0.052851	0.100677
0.00106	0.031123	0.046789	0.002201	0.069021	0.106735	0.112139	0.080712	0.123279	0.129189
0.05906	0.099032	0.10271	0.098823	0.056136	0.018329	0.084445	0.077699	0.065553	0.066098
0.088567	0.020773	0.061636	0.069998	0.056711	-0.00658	0.040807	0.030446	0.056433	0.04793
0.040618	0.029607	0.040115	0.032353	0.141783	0.104783	0.094168	0.055154	0.043133	0.060534
0.09967	0.111988	0.105204	0.116818	0.159814	0.131378	0.137219	0.068785	0.010728	0.023789
0.145601	0.105576	0.065988	0.126928	0.08069	0.048453	0.066179	0.067755	0.013921	0.036076
0.153377	0.052554	0.06425	0.113555	0.058604	0.040043	0.079488	0.055341	0.028232	0.107457
0.151185	0.077806	0.131925	0.143866	0.105267	0.085251	0.111219	0.072212	0.07522	0.062373
0.205704	0.143752	0.12744	0.137885	0.096177	0.05586	0.070599	0.080381	0.053749	0.011467
0.135699	0.139366	0.089669	0.074956	0.066178	0.05818	0.087424	0.074033	0.055005	0.054299
0.071431	0.141566	0.128167	0.096335	0.111373	0.142298	0.134377	0.117199	0.118593	0.128481
0.167164	0.187288	0.165541	0.142996	0.14346	0.139484	0.123649	0.12485	0.083784	0.111169
0.168088	0.132637	0.145014	0.112386	0.109954	0.056306	0.058974	0.075339	0.088832	0.100654
0.13201	0.106283	0.089968	0.131637	0.13276	0.055521	0.112706	0.113519	0.089558	0.121992
0.115844	0.139415	0.153024	0.202641	0.18861	0.171596	0.126788	0.110247	0.115231	0.096873
0.125227	0.112242	0.157085	0.135189	0.14886	0.145026	0.075824	0.071887	0.027503	0.074396
0.059884	0.048014	0.020099	0.08952	0.135287	0.073578	0.096121	0.132589	0.103024	0.127871
0.123911	0.134779	0.097742	0.123491	0.131709	0.142972	0.161212	0.144563	0.119273	0.09917
0.113553	0.140328	0.130509	0.099378	0.071478	0.112379	0.092224	0.033721	0.062791	0.065549
0.05265	0.091039	0.109585	0.056252	0.030531	0.091795	0.077761	0.02252	0.088129	0.085478
0.058793	0.14169	0.136893	0.12081	0.128451	0.154937	0.120749	0.153603	0.134187	0.170856
0.112133	0.164491	0.171106	0.180728	0.135017	0.135463	0.175729	0.134258	0.113789	0.116025
0.111158	0.057876	0.126013	0.137961	0.087581	0.036233	0.06942	0.124386	0.115858	0.088516
0.090774	0.055186	0.058501	0.108258	0.119412	0.102059	0.085509	0.160177	0.167216	0.171691
0.070163	0.061427	0.08267	0.108873	0.071245	0.121737	0.1495	0.082769	0.114774	0.158631
0.059204	0.043186	0.119392	0.120105	0.035274	0.095244	0.115458	0.062984	0.076959	0.095152
0.019571	0.004167	0.093362	0.113125	0.109351	0.099611	0.077194	0.071887	0.112638	0.127457
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0.017884	0.023408	0.033279	0.030296	0.05114	0.02913	0.02187	0.03023	0.01394	0.009645
0.026156	0.002364	-0.04595	-0.01853	-0.02558	0.008932	0.008887	0.015475	0.063774	0.068322

0.051032	0.02846	0.025637	0.004724	0.046983	0.066343	0.070642	0.076233	0.088265	0.101892
0.085081	0.119225	0.10985	0.118193	0.039517	0.053595	0.065797	0.0997	0.025618	0.00957
0.055109	0.034906	0.022416	0.079307	0.08004	0.034633	0.091368	0.107258	0.045506	0.056898
0.064004	0.012041	0.018399	0.055771	0.076801	0.051741	0.091435	0.107985	0.100316	0.126461
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0.055578	0.07802	0.075426	0.069826	0.078849	0.075039	0.058265	0.02171	-0.02126	0.063359
0.045834	9.99E-04	0.050721	0.062327	0.059368	-0.01569	0.018945	0.08828	0.062876	0.117544
0.085365	-0.01237	0.081135	0.111814	0.095525	0.03528	0.063405	0.054883	0.059155	0.060409
0.085868	0.082021	0.059593	0.054267	0.063625	0.084638	0.024351	0.00277	-0.00154	0.020029
0.021057	0.035605	0.026649	-0.0234	-0.03996	0.024169	0.024216	0.017474	-0.01616	-0.02077
0.023912	0.03001	-0.00984	-0.00771	-0.01079	-0.00135	0.004221	0.019539	0.040043	-0.00207
0.011921	0.032837	0.03433	0.012797	-0.01965	0.006197	-0.0429	-0.03456	-0.07953	-0.0774
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-0.0098	-0.04698	-0.0917	-0.10231	-0.09322	-0.12568	-0.12159	-0.16269	-0.19119	-0.20265
0.110254	0.071771	0.018185	-0.0074	-0.00584	-0.05487	-0.07341	-0.10797	-0.12882	-0.15824
0.248127	0.202817	0.134874	0.105739	0.057101	0.030129	-0.0044	-0.04435	-0.03234	-0.02389
0.327456	0.29025	0.26542	0.230355	0.146202	0.122504	0.136769	0.096028	0.073642	0.100083
0.365141	0.341539	0.337172	0.324604	0.286542	0.255604	0.248375	0.214346	0.158294	0.198878
0.33601	0.339814	0.348701	0.319351	0.27113	0.295505	0.276543	0.251228	0.244804	0.258864
0.300673	0.307481	0.302209	0.297529	0.27312	0.280973	0.247471	0.24458	0.26763	0.254701
0.322939	0.322293	0.304766	0.301821	0.284212	0.260438	0.229963	0.224581	0.201877	0.19885
0.284961	0.264865	0.273276	0.292015	0.24476	0.233454	0.230831	0.194199	0.089013	0.137328
0.238197	0.244259	0.26573	0.293134	0.257778	0.246588	0.22885	0.199011	0.129307	0.117164
0.172953	0.144176	0.155103	0.192233	0.229913	0.20233	0.184622	0.169741	0.123254	0.063338
0.094373	0.038332	0.073163	0.103585	0.117897	0.113638	0.105321	0.090553	0.065124	-0.00236
0.03603	-0.00275	0.020726	0.050406	0.020534	0.034552	0.051682	0.01654	-0.00119	-0.0275
0.005328	-0.01812	-0.04009	-0.01346	-0.01209	0.001715	-0.00276	-0.04463	-0.06401	-0.06617
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-0.10135	-0.12388	-0.14651	-0.13719	-0.11343	-0.08496	-0.11752	-0.10752	-0.11516	-0.12496
-0.10826	-0.12551	-0.14665	-0.106	-0.12341	-0.1212	-0.08349	-0.08861	-0.14601	-0.12793
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-0.05967	-0.07809	-0.06558	-0.04891	-0.08235	-0.08024	-0.07299	-0.07626	-0.02898	0.032267

[illegible]

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0	0	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0
0.202788	0.101394	0.242442	1.179898	1.699474	0.221076	0.110538	0.055269	0.244327	2.437311
0.458923	0.60264	0.529265	0.38349	0.442152	0.474967	0.45661	0.433386	0.456617	0.438093
0.164883	0.184484	0.176484	0.159109	0.172356	0.157538	0.156366	0.153073	0.152273	0.14007
0.074258	0.057679	0.02932	0.042504	0.065703	0.061289	0.05715	0.059679	0.056206	-0.00953
0.018535	-0.00755	0.007169	-0.0174	-7.93E-04	0.020536	0.027692	0.036473	0.027105	-0.02661
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-0.11519	-0.13215	-0.14647	-0.12468	-0.12741	-0.09921	-0.10635	-0.08422	-0.0873	-0.06673
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-0.20002	-0.20061	-0.21081	-0.21455	-0.19653	-0.20225	-0.20307	-0.20386	-0.17075	-0.1738
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0.022039	0.033011	0.004897	-0.03612	-0.01627	-0.00805	-0.01256	0.019109	0.024683	-0.02149
0.007079	-0.01257	-0.0647	-0.03732	-0.00835	-7.79E-04	0.009128	0.015943	0.035005	0.006412
0.04536	0.009321	-0.05258	-0.00804	0.001269	0.011816	0.021698	0.005609	0.031557	0.012919
0.058034	0.078097	0.048294	0.052662	0.033811	0.030212	0.102176	0.069486	0.041522	0.03317
0.060576	0.089993	0.0986	0.089364	0.108381	0.108455	0.12537	0.135834	0.115733	0.063155
0.125457	0.108023	0.086183	0.113754	0.136827	0.110536	0.074182	0.149687	0.187509	0.067616
0.103806	0.087133	0.064746	0.124234	0.151338	0.107074	0.088144	0.165027	0.181869	0.105723
0.07325	0.065325	0.050909	0.094745	0.144895	0.154397	0.160855	0.150096	0.15988	0.1146
0.090723	0.073715	0.068156	0.068304	0.083263	0.103756	0.154897	0.136032	0.147146	0.15231
0.10037	0.096267	0.125392	0.117285	0.083218	0.097755	0.169487	0.140662	0.12654	0.138754
0.110594	0.142265	0.113373	0.122574	0.111295	0.14957	0.129302	0.107715	0.098269	0.122197
0.102447	0.11496	0.06621	0.087739	0.092089	0.10286	0.050038	0.08859	0.117979	0.07977
0.120527	0.05324	0.057519	0.095593	0.11332	0.035788	0.038131	0.087681	0.079306	0.054177
0.120454	0.073603	0.077773	0.098956	0.121153	0.038664	0.082789	0.09824	0.063897	0.040505
0.090177	0.105622	0.107736	0.051766	0.070005	0.061717	0.055418	0.082529	0.066782	0.061534
0.062258	0.041003	0.105936	0.065919	0.047428	0.054682	0.105014	0.094399	0.059438	0.072853
0.037251	0.003567	0.064295	0.077053	0.117883	0.109483	0.125444	0.09485	0.014186	0.061125
0.020042	0.030441	0.014766	0.017776	0.098574	0.060199	0.031873	0.05495	0.044181	0.057028
0.019964	0.010855	-0.02201	-0.00478	0.053691	0.014037	0.006571	0.043257	0.063792	0.028867
0.046757	-0.02059	-0.04269	0.025374	0.051904	0.007539	0.044561	0.061719	0.024066	0.020859
0.035624	0.020826	0.002078	-0.00851	0.035884	0.018456	0.032169	0.052023	0.036968	-0.01602
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-0.00359	-0.01865	0.013981	-0.01378	-0.01563	0.039701	0.016927	-0.00282	0.014092	0.022946
0.014332	0.007851	0.013618	-0.01736	-0.01403	-0.00799	-0.00959	-0.02374	2.88E-04	0.00683
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-0.0341	-0.07714	-0.02967	-0.03051	-0.03594	-0.02242	-0.02053	-0.01423	-0.04486	-0.03191
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-0.0848	-0.12462	-0.14917	-0.13656	-0.10622	-0.0507	-0.07508	-0.09649	-0.12545	-0.08771
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0.012807	0.012023	-0.02206	-0.02316	-0.01029	-0.00719	-0.0125	0.001485	-0.04879	-0.09562
0.034442	0.016313	0.001371	0.012231	0.027512	0.015923	-0.01764	0.001322	-0.00843	-0.04978
0.063967	0.034426	0.034021	0.03217	0.025244	0.039253	0.020006	-0.00843	-4.97E-04	0.032604
0.044049	0.045254	0.053625	0.029569	0.013642	0.037081	0.037151	-0.01089	-0.00742	0.023539
0.044827	0.0517	0.082181	0.022594	0.04381	0.042582	-0.00514	0.013714	0.043354	0.0341
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0.101162	0.046097	0.061981	0.055836	0.109374	0.041354	0.063233	0.076358	0.04495	0.034141
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0.151872	0.158428	0.183068	0.080115	0.1244	0.186337	0.147782	0.106487	0.149483	0.154655
0.197636	0.14316	0.152049	0.149336	0.120182	0.141616	0.183156	0.184375	0.15482	0.144616
0.128005	0.127621	0.091706	0.080594	0.118003	0.101567	0.131777	0.174309	0.141169	0.091396
0.088158	0.157174	0.059404	2.30E-04	0.119091	0.090231	0.10698	0.169443	0.140538	0.075584
0.144027	0.155624	0.104779	0.095924	0.123984	0.068825	0.084456	0.086973	0.063137	0.124859
0.133473	0.097263	0.133299	0.15379	0.111509	0.074679	0.093771	0.056926	0.051722	0.096042
0.106608	0.085006	0.15998	0.134045	0.101446	0.135123	0.111647	0.057876	0.092992	0.120168

0.137258	0.142897	0.136889	0.139465	0.130843	0.120038	0.113904	0.089279	0.133036	0.148762
0.134127	0.137242	0.085619	0.113311	0.098158	0.049006	0.104851	0.151043	0.106773	0.073939
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0.144259	0.179181	0.143539	0.129379	0.152069	0.142416	0.108859	0.114847	0.147018	0.120316
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0.094749	0.1331	0.125491	0.108814	0.150401	0.158554	0.152209	0.139887	0.107638	0.065412
0.069721	0.12841	0.106077	0.082901	0.162	0.181681	0.126914	0.057814	0.09626	0.106583
0.123906	0.119056	0.074309	0.094698	0.117328	0.144174	0.127381	0.106002	0.151263	0.138445
0.116522	0.09876	0.058111	0.082856	0.079667	0.083871	0.130562	0.162836	0.093309	0.08712
0.079707	0.02011	0.08035	0.082535	0.061019	0.052579	0.157813	0.1569	0.059145	0.070094
0.054899	0.031398	0.066642	0.081232	0.098666	0.129101	0.151559	0.160525	0.120838	0.111323
0.026298	0.006386	0.005103	0.028193	0.075772	0.090163	0.093612	0.132998	0.138726	0.054347
0.005691	-0.00591	0.018229	0.016319	0.006057	0.051218	0.058867	0.042458	0.109442	0.065826
0.022273	0.036958	0.022304	0.040048	0.020821	0.038745	0.080136	0.089323	0.110382	0.095225
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0.060874	0.091372	0.061832	0.04038	0.08115	0.081779	0.094431	0.072256	0.077841	0.08284
0.101512	0.061769	0.056568	0.077121	0.052859	0.052034	0.061689	0.062533	0.034728	0.054093
0.096546	-0.0241	0.052035	0.066646	0.034727	0.070177	0.071473	0.052533	0.036868	0.069852
0.07964	0.030278	0.070938	0.083475	0.052672	0.063629	0.074791	0.051452	0.055874	0.048405
0.11493	0.063653	0.077795	0.071997	0.052547	0.003998	0.027653	-0.00536	0.047691	0.008984
0.078332	0.061682	0.051639	0.013811	0.044075	0.041558	0.032505	0.007041	0.06223	0.034992
0.050165	0.107464	0.048107	-0.03872	0.070048	0.091377	0.059602	0.045884	0.063876	0.06335
0.059748	0.017141	0.047012	0.014867	0.034328	0.085973	0.037131	0.068425	0.010375	0.029348
0.06324	-0.05135	0.017341	0.041024	0.038068	0.068999	0.033434	0.043397	0.030772	0.054156
0.061342	0.011906	0.062687	0.066381	0.053858	0.049089	0.041727	0.01598	0.004527	0.030993
0.077051	0.05885	0.089698	0.09524	0.075728	0.086336	0.083033	0.049054	6.86E-05	0.00761
0.098025	0.032275	0.062559	0.077212	0.044584	0.054303	0.054461	-0.01461	0.009927	0.032685
0.071286	0.062688	0.06974	0.038411	-0.01277	0.035969	0.047332	-0.01221	0.054155	0.059662
0.034042	0.048359	0.040052	0.003824	-0.01312	0.041538	0.060023	0.06199	0.042306	0.041513
-0.00896	-6.76E-04	0.033221	0.021857	0.033652	0.029396	0.032623	0.034744	0.001421	-0.0321
0.044786	0.007774	0.052516	0.02662	0.053337	0.023627	0.024365	0.004254	-0.03282	-0.00454
0.048943	-0.03627	0.032761	0.012562	0.04536	0.042664	0.055064	0.011609	-0.01693	-2.25E-04
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0.01256	-0.0289	-0.03005	-0.04592	-0.04525	-0.01916	-0.0107	-0.02463	-0.06818	-0.04732
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0.006178	-0.01993	0.006191	-0.00577	0.006001	-0.01563	-0.05135	-0.04445	-0.02128	-0.05017
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-0.03706	-0.07442	-0.07747	-0.04791	-0.02814	-0.06269	-0.06115	-0.00402	-0.08615	-0.07976
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-0.08748	-0.1176	-0.09236	-0.126	-0.10459	-0.09463	-0.10021	-0.07805	-0.08459	-0.12369
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0.021418	-0.02712	-0.02053	-0.09733	-0.10173	-0.11394	-0.10748	-0.09513	-0.12007	-0.09773
0.091316	0.007987	0.023299	-0.01468	-0.03463	-0.06129	-0.08281	-0.09511	-0.08769	-0.09509
0.164478	0.115727	0.070916	0.033967	0.045625	0.010176	-0.03953	-0.02836	-0.03567	-0.08745
0.211185	0.233619	0.161079	0.122901	0.160853	0.089751	0.02822	0.055299	0.015338	-0.04154
0.248927	0.235768	0.248707	0.235024	0.179752	0.15257	0.141187	0.101818	0.083466	0.023222
0.261868	0.221041	0.18076	0.193234	0.186117	0.145835	0.132547	0.167655	0.124931	0.041122
0.286531	0.263875	0.194596	0.213364	0.258713	0.229619	0.22323	0.265357	0.215125	0.121949
0.276427	0.268108	0.29175	0.264662	0.257413	0.265572	0.255832	0.251994	0.261746	0.225788
0.191821	0.192032	0.241866	0.207769	0.210484	0.280951	0.24584	0.176152	0.252737	0.263008
0.126544	0.161388	0.233289	0.229082	0.213211	0.249331	0.219112	0.183462	0.244007	0.26808
0.150616	0.1846	0.223234	0.236915	0.205997	0.188455	0.175265	0.229041	0.193252	0.195629
0.136018	0.115529	0.144622	0.157909	0.186795	0.162914	0.144856	0.208702	0.223776	0.172412
0.109	0.075991	0.121185	0.090575	0.141747	0.167975	0.159133	0.196894	0.204825	0.193461
0.084573	0.113455	0.155347	0.113213	0.095881	0.099294	0.153851	0.153975	0.133805	0.16234
0.060088	0.093719	0.098646	0.077845	0.065254	0.071512	0.097425	0.088723	0.085595	0.080265
0.053998	0.054399	0.079349	0.041649	-0.02185	0.027689	0.065657	0.069529	0.070953	0.069765
0.00753	0.009147	0.087948	0.073183	0.039739	0.080234	0.097678	0.11407	0.104632	0.082954
0.061767	-2.40E-04	0.044686	0.096822	0.070373	0.026521	0.008305	0.012856	0.048486	0.017416
0.071918	0.031194	-3.53E-04	0.029002	0.031767	0.021239	-1.31E-04	-0.02523	0.010002	0.014136
0.045031	0.082271	0.079816	0.026862	0.046485	0.097615	0.06334	0.058435	0.107217	0.094876
0.075399	0.089714	0.093241	0.074979	0.083909	0.087676	0.041102	0.056596	0.114639	0.058546
0.066049	0.031337	0.07144	0.015887	0.04436	0.039579	0.066062	0.07072	0.075533	-0.01204
0.056706	-0.01498	0.035788	0.034725	0.0534	0.029555	0.063106	0.060282	0.088561	0.075451
0.095485	-0.01289	0.032861	0.099575	0.138976	0.123063	0.120264	0.096338	0.146021	0.134804
0.105994	0.032868	0.026516	0.077189	0.13149	0.139946	0.070631	0.06199	0.090243	0.122272
0.056874	0.038675	0.068546	0.04966	0.032976	0.101543	0.090012	0.095886	0.057329	0.143417
0.061427	0.045086	0.110593	0.089387	0.06278	0.104654	0.1294	0.136032	0.123619	0.159574
0.115291	0.088573	0.07238	0.097935	0.092475	0.078048	0.124515	0.11885	0.136721	0.132081
0.086711	0.132328	0.052976	0.055836	0.066153	0.04691	0.070243	0.129204	0.128523	0.109464
0.115098	0.109558	0.041679	0.059055	0.04583	0.08543	0.109048	0.172933	0.178002	0.182695
0.13924	0.127214	0.132369	0.124284	0.085923	0.124843	0.124271	0.109551	0.120573	0.157363
0.050871	0.099689	0.122092	0.109812	0.080176	0.10953	0.08124	0.080608	0.078606	0.092344
0.060895	0.083005	0.07387	0.154735	0.1222	0.118546	0.138204	0.144835	0.152195	0.138574
0.113464	0.140138	0.140508	0.132604	0.112176	0.130781	0.145906	0.171131	0.198236	0.195659
0.098744	0.108704	0.14602	0.068903	0.093387	0.097383	0.109755	0.144053	0.1711	0.168891
0.047519	0.070469	0.095474	0.055449	0.150089	0.134768	0.134866	0.146125	0.181952	0.137082
0.066199	0.112815	0.14439	0.112378	0.182544	0.203635	0.192248	0.088723	0.144414	0.167567
0.152449	0.162958	0.165584	0.153116	0.095766	0.1502	0.176749	0.120208	0.129554	0.148657
0.158289	0.099832	0.062366	0.086536	0.120449	0.148443	0.146214	0.208438	0.20072	0.13483
0.149155	0.137866	0.101819	0.09879	0.174551	0.172265	0.168946	0.184292	0.204211	0.118567
0.192799	0.201096	0.193641	0.183248	0.204904	0.17017	0.129055	0.131942	0.167784	0.14763
0.176878	0.121483	0.11506	0.200952	0.15126	0.104181	0.114978	0.131011	0.092947	0.170052
0.138324	0.087945	0.0851	0.17894	0.130122	0.118424	0.129796	0.178166	0.134551	0.18113
0.130743	0.105574	0.075475	0.154681	0.147523	0.117326	0.082723	0.15961	0.098338	0.056836
0.103759	0.073311	0.051097	0.089248	0.094278	0.119744	0.051356	0.10088	0.095032	0.080356
0.020797	0.056252	0.099857	0.073295	0.05878	0.117619	0.110889	0.067473	0.116282	0.112364
0.048365	0.110315	0.114143	0.034131	0.054045	0.132543	0.094363	0.083033	0.138876	0.123215

0.138629	0.083005	0.060531	0.003633	0.001749	0.034639	0.115288	0.091664	0.115853	0.070006
0.063646	0.090087	0.036109	0.040796	0.074307	0.035889	0.081593	0.116903	0.071211	0.085544
0.049192	0.087736	0.07192	0.081004	0.101493	0.080278	0.083566	0.12028	0.062357	0.102251
0.06386	0.107197	0.094368	-0.0044	0.01404	0.040007	0.026191	0.034842	0.028545	0.032221
0.037755	0.044896	0.03057	0.00766	0.00729	-0.03014	0.011568	0.005811	-0.01563	-0.02208
0.036608	0.030868	0.057202	0.069591	0.049918	0.002257	0.065742	0.071957	0.053907	0.026672
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[illegible]

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-0.00328	-0.00856	0.004296	0.037521	0.015659	0.004167	-0.00907	-0.03867	-0.09224	-0.09686
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-0.02156	0.035214	0.043634	0.064055	0.050069	-0.01549	-0.05669	-0.0476	-0.0469	-0.10707
0.024614	0.075085	0.070335	0.069025	0.063666	0.027446	-0.02231	-0.01169	-0.03897	-0.09656
0.026098	0.053366	0.056996	0.052346	0.044598	0.07966	0.043711	0.01162	-0.0088	-0.00973
0.050148	0.027344	0.040894	0.080772	0.069231	0.05131	0.080968	0.060842	0.012418	-0.02268
0.083417	0.064974	0.060931	0.071432	0.085842	0.059089	0.070124	0.076296	-0.00333	-0.0061
0.057046	0.099394	0.065166	0.046152	0.079476	0.069362	-0.0073	0.042942	0.06092	0.03818
0.06333	0.095764	0.120904	0.126065	0.091122	0.037232	-0.00864	0.030564	0.05296	0.035895
0.114984	0.135838	0.153298	0.151407	0.099919	0.053179	0.022225	0.068809	0.076584	0.028276
0.121124	0.15178	0.127065	0.072619	0.077278	0.078119	0.048364	0.058663	0.066042	0.07049
0.126514	0.112175	0.109472	0.077332	0.081663	0.068903	0.070212	0.057439	0.002367	-0.00186
0.138156	0.104495	0.091837	0.083291	0.086116	0.071156	0.10942	0.119968	0.04024	0.046911
0.102537	0.130484	0.075679	0.05661	0.062324	0.060221	0.014234	0.082185	0.066086	0.045024
0.083841	0.098647	0.054041	0.062977	0.047722	0.058577	0.053971	0.061448	0.032956	0.008634
0.121295	0.099862	0.039187	0.096249	0.079409	0.062837	0.060719	0.066546	0.060678	0.052514
0.048332	0.062349	0.035567	0.032174	0.057316	0.077118	0.024482	0.061275	0.044615	0.017678
0.010723	0.003749	0.012403	9.98E-04	-0.02005	0.028876	0.01387	0.048918	0.018964	0.04757
0.046852	-0.01779	0.032652	0.030793	-0.03651	0.012306	0.050698	0.030624	-0.04539	0.018414
0.068282	0.071543	0.081227	0.070292	0.037946	0.007336	0.011533	-0.00152	-0.02936	0.017539
0.044356	0.063079	0.025066	0.01807	0.01214	0.005919	0.009134	-0.01258	0.01654	-0.02069
0.073814	0.045019	-0.0151	-0.00543	-0.00977	0.006996	-6.88E-04	0.016006	0.021081	-0.02545
0.009216	-0.00346	-0.00668	0.038761	0.024524	0.00428	0.005051	0.040046	-9.99E-05	-0.04839
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0.004965	-0.00679	0.036805	-0.00699	-0.02418	-0.01297	0.007617	-0.0261	-0.06191	-0.03437
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-0.08781	-0.13382	-0.15513	-0.06087	-0.06273	-0.12867	-0.10113	-0.1065	-0.11895	-0.13319
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-0.09988	-0.12117	-0.08972	-0.11241	-0.16619	-0.14136	-0.12637	-0.11774	-0.13667	-0.12579
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0.030739	0.04471	0.00376	0.016403	0.006857	0.008626	0.002237	-0.04259	-0.0217	-0.03421
0.022785	-0.0125	-0.0457	-0.02518	-0.0393	-0.07911	-0.02822	-0.02766	-0.06486	-0.05424
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0.014878	-0.03358	-0.0075	-0.00644	-0.03511	-0.03615	-0.02406	-0.07818	-0.04322	-0.03674
0.018996	-0.01536	-0.00933	-0.01537	-0.00977	-0.03495	-0.00213	-0.03868	-0.05692	-0.0473
0.060505	0.017365	0.014164	0.009117	0.054038	0.035977	-0.01519	0.012431	0.009113	-0.03306
0.105534	0.064521	0.06771	0.055868	0.082477	0.061377	0.044617	0.070088	0.050211	0.003489
0.101908	0.058908	0.090549	0.074361	0.036131	0.03087	0.073063	0.052743	0.037549	0.030624
0.115152	0.110758	0.108935	0.059504	0.01667	0.043916	0.046021	0.04498	0.022887	0.03793
0.090483	0.09343	0.065188	0.06128	0.031878	0.106431	0.110067	0.096807	0.038882	0.076772
0.100443	0.055854	0.043655	0.111334	0.099989	0.115832	0.126102	0.122254	0.031026	0.034881
0.085274	0.109297	0.077082	0.077911	0.089347	0.054739	0.05642	0.060345	0.051605	0.025375
0.102234	0.13295	0.108448	0.076465	0.123506	0.108696	0.085179	0.064447	0.094468	0.039724
0.128317	0.129355	0.100362	0.116782	0.157235	0.146701	0.135629	0.101793	0.087669	0.080476
0.087611	0.115072	0.076607	0.089287	0.130076	0.108433	0.087766	0.100109	0.048202	0.078986
0.052906	0.06353	0.133599	0.129514	0.101264	0.067357	0.103244	0.119696	0.028167	0.063237

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0.017843	0.083338	0.062002	0.081153	0.089117	0.08608	0.030066	-0.01725	0.093899	0.074547
0.064825	0.141825	0.132464	0.13082	0.137029	0.15338	0.116512	0.077058	0.125726	0.135341
0.15768	0.140462	0.106091	0.143174	0.068639	0.052506	0.09451	0.11121	0.096798	0.062906
0.144122	0.100236	0.062835	0.0959	0.009682	-0.02628	0.033126	0.058319	0.030616	0.022292
0.133071	0.061384	0.083085	0.120673	0.08518	0.027784	0.049946	0.07852	0.051304	0.054046
0.122881	0.087752	0.080382	0.072839	0.099848	0.04536	0.087175	0.130579	0.120861	0.066448
0.078512	0.029786	0.069577	-0.00155	0.030188	0.033959	0.052562	0.054594	0.085086	0.01623
0.073574	0.06177	0.108399	0.079026	0.068748	0.077563	0.103197	0.040623	0.022385	0.063237
0.120735	0.108509	0.161479	0.141391	0.134597	0.134657	0.108035	0.080394	0.065664	0.0174
0.098891	0.095371	0.110866	0.082727	0.112838	0.091493	0.090186	0.067072	0.073591	-0.03688
0.066797	0.086117	0.088845	0.117953	0.12152	0.044369	0.064349	0.063641	0.045525	-0.11521
0.105769	0.065363	0.024142	0.086006	0.148818	0.080622	0.041168	-0.01046	0.049034	0.011543
0.065017	0.039041	0.00896	0.00925	0.061439	0.073531	-0.01617	-0.08627	0.023994	0.06295
0.068691	0.012804	0.054106	0.009193	-0.01169	0.019061	0.057077	0.007545	-0.01136	0.027666
0.09096	0.068725	0.069867	0.067521	0.027028	0.058663	0.070387	0.040211	0.02561	0.063965
0.061926	0.064564	0.007374	0.031794	0.077547	0.062988	0.039556	9.95E-04	-0.04561	0.015221
0.057151	0.01812	-0.06755	0.039596	0.042817	-0.00601	-0.01759	-0.02534	-0.07051	-0.03929
0.074185	0.064758	0.00991	0.068828	0.034242	0.042599	0.011209	0.044022	0.026522	-0.01652
0.063714	0.094838	0.032222	0.015534	0.014767	0.079749	0.041496	0.069668	0.067398	0.026772
0.005842	0.003543	-0.02595	-0.02602	-0.06232	-2.83E-04	0.012872	-0.01482	-0.02224	-0.00576
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1.11E-04	-0.01362	0.002536	-0.01781	0.026869	0.029733	0.028276	0.026289	-0.01969	-0.0187
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-0.02752	0.004312	-0.01345	-0.03329	-0.014	-0.05987	-0.0708	-0.04602	-0.02964	-0.03384
0.02436	0.044504	0.015008	4.95E-04	0.014515	-0.04239	-0.02897	-0.07792	-0.07522	-0.04564

0.05913	0.041467	0.022859	0.009593	-0.01784	-0.03795	-0.01495	-0.0382	-0.04589	0.005667
0.017249	-0.01105	-0.01005	0.010088	-0.00841	0.027982	0.014427	-0.03667	-0.02921	-0.06072
0.016253	0.006835	0.027971	0.006293	-1.82E-04	0.018322	0.007106	-0.01101	-0.06308	-0.11661
0.014497	0.034429	0.046963	-0.02272	-0.02639	-0.04694	-0.01403	-0.0304	-0.04142	-0.05228
-0.00423	0.001953	-0.02435	-0.06048	-0.01917	-0.02024	-0.02882	-0.04161	-0.0061	-0.00921
-0.03259	-0.00672	-0.0338	-0.0544	-0.0063	0.007166	-0.00791	-0.01591	-0.01093	-0.00794
-0.02869	0.043209	0.043194	0.00868	-0.04567	-0.00242	0.019104	-0.00143	-0.0627	-0.051
0.015603	0.032081	0.034888	0.034124	-0.03468	-0.03193	-0.02132	-0.04977	-0.06831	-0.02031
0.026959	-0.0154	0.028092	0.00285	-0.06453	-0.02067	-0.01642	-0.06283	-0.0646	-0.04759
-0.00114	-0.02736	0.048212	0.011902	-0.04356	-0.00981	-0.04162	-0.05568	-0.05625	-0.07692
0.056164	2.76E-04	-0.02453	0.012419	-0.02087	-0.00553	-0.05794	-0.10798	-0.04329	-0.03373
0.053156	-0.004	-0.03029	0.00454	0.001262	0.03408	-0.02569	-0.07857	-0.00624	0.022713
0.030937	0.028991	0.019908	0.051423	0.017507	0.018419	0.017185	-0.02481	-0.00168	-3.21E-04
0.061353	0.047335	0.028193	0.077088	0.019246	-0.01141	0.00722	-0.00445	-0.04041	-0.03817
0.082391	0.005553	0.00695	0.042235	-0.00179	-0.01852	-0.01499	-0.02226	-0.0566	-0.01176
0.058582	-0.01767	0.013596	-0.011	-0.04735	-0.01991	-0.01474	-0.04209	-0.04784	-0.02812
0.03545	-0.04556	0.017274	0.012764	-0.05155	-0.05862	-0.04115	-0.02421	-0.04072	-0.07318
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0.035011	0.02468	0.0429	0.034789	0.009146	0.00675	-0.0201	-0.02794	-0.03121	-0.0466
0.07785	0.061063	0.058492	0.047209	0.023811	-0.0218	-0.05874	-0.05221	-0.06773	-0.0887
0.051411	0.036021	-0.00679	3.83E-04	0.007866	-0.04973	-0.06115	-0.08466	-0.10568	-0.06525
0.042645	-0.02741	-0.02848	-0.00618	-0.06676	-0.04806	-0.01614	-0.05004	-0.07043	-0.06611
0.044927	0.002214	0.010085	0.008547	-0.0504	-0.0614	-0.04613	-0.05924	-0.0965	-0.06413
0.022261	0.009068	-0.00741	-0.00242	-0.03992	-0.04733	-0.0578	-0.08557	-0.09652	-0.08287
0.010572	-0.00311	0.012559	-0.01058	-0.05346	-0.00664	-0.02817	-0.07086	-0.07983	-0.07559
0.038258	0.028157	0.025548	0.004427	-0.03637	-0.03055	-0.04772	-0.07379	-0.07438	-0.07304
0.029613	0.025271	-0.02577	-0.03073	-0.01851	-0.03861	-0.05615	-0.06577	-0.07902	-0.07877
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0.006346	-0.02471	-0.0229	0.008035	-0.00615	-0.06	-0.05616	-0.03937	-0.06665	-0.07291
0.032443	-0.01647	-0.04658	-0.03731	-0.01802	-0.09344	-0.0963	-0.0651	-0.07854	-0.07397
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0.047427	8.53E-04	-0.08231	-0.03728	-0.03924	-0.07262	-0.05711	-0.08253	-0.10189	-0.11242
0.127699	0.071258	0.019988	0.034305	0.014902	-0.00149	-0.02075	-0.07453	-0.10741	-0.08874
0.175108	0.147191	0.156334	0.106049	0.057231	0.044513	-0.01247	-0.04295	-0.06653	-0.04373
0.209071	0.18281	0.196403	0.149669	0.125027	0.111503	0.061554	0.034393	0.035992	0.018453
0.267029	0.179763	0.158707	0.188286	0.187301	0.103208	0.106987	0.094909	0.029839	0.03546
0.213355	0.112175	0.12501	0.134079	0.115468	0.044266	0.076265	0.091716	0.03504	0.031853
0.139907	0.112319	0.153622	0.136877	0.137543	0.127483	0.125704	0.10101	0.098637	0.094996
0.225506	0.234146	0.206636	0.181192	0.20477	0.191437	0.196036	0.17571	0.127462	0.137953
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0.126095	0.10746	0.148997	0.172021	0.120827	0.14056	0.164172	0.175428	0.161729	0.127186
0.118164	0.123561	0.072932	0.07916	0.152634	0.110685	0.091079	0.091785	0.107757	0.107128
0.040658	0.070579	0.048679	0.015033	0.04768	0.092574	0.092573	0.031452	0.07597	0.133287
0.038499	0.032382	0.073403	0.05243	0.05948	0.138174	0.163792	0.123152	0.148506	0.19611
0.067829	0.032562	0.065696	0.079294	0.120926	0.14221	0.151099	0.092064	0.139471	0.104014
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0.053593	0.052002	0.02336	0.076044	0.096117	0.032131	0.122364	0.138782	0.114906	0.124281
0.108432	0.122944	0.067156	0.104341	0.140225	0.151714	0.170322	0.179303	0.200958	0.161346
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0.128218	0.088708	0.058188	0.077466	0.111131	0.158901	0.181531	0.123926	0.049996	0.118004
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0.131921	0.097436	0.118479	0.14551	0.139036	0.134429	0.172253	0.140935	0.175595	0.156068
0.118672	0.120631	0.129283	0.16951	0.139759	0.184237	0.182521	0.118163	0.180828	0.218584
0.144327	0.191129	0.168192	0.185652	0.169954	0.216381	0.209051	0.174697	0.151686	0.150475
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0.172524	0.143839	0.118928	0.16644	0.201392	0.11184	0.126674	0.127316	0.173656	0.165849
0.11228	0.15778	0.15265	0.12522	0.215371	0.225733	0.220362	0.21731	0.207768	0.162204
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0.167131	0.132774	0.189918	0.222581	0.156107	0.059986	0.117462	0.148623	0.153801	0.144103
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0.19812	0.194868	0.118529	0.094625	0.165435	0.157133	0.085677	0.137387	0.124454	0.180919
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0.091392	0.095556	0.126481	0.125443	0.101643	0.117585	0.152391	0.180612	0.200958	0.178438
0.08892	0.109895	0.152866	0.120353	0.139424	0.162296	0.157412	0.155695	0.190185	0.166241
0.111851	0.133885	0.088403	0.061795	0.086138	0.145841	0.075313	0.068919	0.104761	0.111618

0.069382	0.101784	0.101847	0.074914	0.072251	0.122888	0.063078	0.048539	0.063142	0.074298
0.089939	0.093315	0.09104	0.108695	0.097029	0.105054	0.085179	0.014954	0.023712	0.028663
0.047776	0.077301	0.111455	0.065157	0.015058	0.025764	0.004261	-0.02264	-0.0042	-0.04177
0.003644	0.002757	0.017471	0.059419	-0.00856	-0.04493	-0.02284	0.003376	-0.01605	-0.06036
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0.20539	0.21209	0.20881	0.191631	0.155143	0.143659	0.135095	0.122678	0.109153	0.119307
0.178345	0.172016	0.153758	0.13203	0.066015	0.072606	0.089728	0.104511	0.113343	0.114712
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[illegible]

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0.037034	-0.03081	-0.04805	-0.00812	-0.04707	-0.09028	-0.01033	0.02907	-0.01178	-0.04227
0.090055	0.019366	0.02938	0.028987	0.016958	-0.02736	0.032334	0.046894	-0.02307	-0.05198
0.096557	0.099617	0.076356	0.061935	0.037107	0.014712	0.021744	0.02218	-0.00252	-0.00256
-5.09E-05	0.042715	0.035793	0.035482	-0.01891	0.015284	0.016051	0.014818	-0.00161	0.002292
-7.43E-04	0.046516	0.083034	0.03495	-0.01484	0.033918	0.05661	0.016	-0.01271	0.01999
0.083945	0.108789	0.125562	0.116812	0.118487	0.102503	0.062119	0.033035	0.022866	0.016766
0.083128	0.085652	0.089977	0.067314	0.13162	0.088331	0.055336	0.055725	0.039588	-0.01091
0.085151	0.031568	0.028702	0.0363	0.0947	0.045486	0.054301	0.080434	0.039226	-0.01752

0.057434	0.03627	0.04327	0.061066	0.053018	0.04184	0.083749	0.118252	0.060722	3.69E-04
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0.035669	0.013952	0.044261	0.036239	-0.00677	-0.06117	0.024468	-3.34E-04	0.00637	0.005053
0.115345	0.095557	0.116834	0.109622	0.049134	-0.03487	0.088893	0.060832	0.008804	-0.00343
0.079334	0.10236	0.070569	0.089872	0.064113	0.062116	0.034406	0.044189	0.051886	0.010049
0.0676	0.08041	0.044384	0.068857	0.070895	0.065781	-0.03823	-0.01185	0.053995	0.006361
0.114856	0.092996	0.022352	0.063437	0.082508	0.018315	0.009422	0.043206	0.037462	-0.00351
0.077472	0.093484	0.089014	0.074749	0.077581	0.020147	0.031885	0.055594	0.061192	0.021898
-0.00384	0.053582	0.0312	0.021774	0.049389	0.024682	0.028404	0.005617	0.017507	0.007295
0.050878	0.043232	0.024241	0.03957	0.034244	-0.01524	0.019672	0.01588	-0.01093	-0.05297
0.021763	0.034968	0.036929	0.030258	0.064025	0.036335	0.051149	0.045454	0.023605	-0.0117
0.009109	0.04402	0.003747	-0.03614	0.039428	0.069858	0.004654	0.003624	0.031565	0.033362
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0.040495	0.079982	0.043456	0.016301	0.06098	0.03983	0.032928	0.031204	0.035304	0.004678
0.01384	0.033022	0.0422	-0.00517	0.014479	0.03677	0.036012	0.042076	0.042624	0.035585
0.026196	-0.0187	-0.02518	-2.46E-04	0.012054	0.01554	0.022044	0.003137	0.012753	0.026759
0.06292	0.024472	-0.01417	0.028182	0.015265	-0.02867	0.011133	0.01602	0.008963	-0.04181
0.024212	0.01102	0.014799	-0.00388	0.001798	0.025106	0.037811	0.039634	0.020923	-0.01647
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0.194083	0.167671	0.160152	0.124575	0.165203	0.131411	0.144483	0.212518	0.20562	0.123133
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0.203138	0.206195	0.238337	0.222215	0.220068	0.208663	0.211326	0.133279	0.12016	0.146308
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0.16432	0.177148	0.159344	0.104126	0.186855	0.189319	0.145623	0.15196	0.148735	0.112665
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0.098503	0.043792	0.046061	0.054757	0.014891	-0.03268	-0.06236	-0.04624	-0.06473	-0.05026
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[illegible]

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-0.13637	-0.12836	-0.13428	-0.12088	-0.1223	-0.1154	-0.08968	-0.04823	-0.04103	-0.08585
-0.14251	-0.11236	-0.11077	-0.13041	-0.12104	-0.1098	-0.0916	-0.05538	-0.03342	-0.07007
-0.15456	-0.10022	-0.09526	-0.12623	-0.12122	-0.09987	-0.07898	-0.07899	-0.05056	-0.05722
-0.12417	-0.08758	-0.09834	-0.11379	-0.09239	-0.0784	-0.06743	-0.08196	-0.06459	-0.02152
-0.1431	-0.13722	-0.10732	-0.08728	-0.11117	-0.09028	-0.06386	-0.08983	-0.04478	0.006499
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-0.10426	-0.12423	-0.12075	-0.08464	-0.11991	-0.10709	-0.10582	-0.0582	-0.07483	-0.04873
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0.019375	0.051711	0.022092	-0.03353	0.007313	0.02299	0.020192	0.009616	0.024213	0.059151

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0.013938	0.004243	0.018461	-0.00231	0.008579	-0.01129	-0.00811	-0.02516	-0.03733	-0.01512
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-0.1073	-0.06022	-0.02512	-0.02262	-0.06354	-0.05003	-0.08689	-0.00831	-0.00563	0.027562
-0.05597	-0.05211	-0.05836	-0.05439	-0.05807	-0.04007	-0.07794	-0.02371	-0.00365	0.017477
-0.09714	-0.05312	-0.05912	-0.0389	-0.07249	-0.05383	-0.05114	-0.05679	-0.055	-0.04068
-0.11638	-0.05692	-0.05665	-0.06451	-0.08416	-0.02441	-0.00741	-0.01704	-0.04342	0.021056
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-0.03963	-0.09324	-0.05117	-0.04757	-0.01195	0.005532	-0.01495	-0.02683	0.008166	0.005656
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-0.01787	-0.08587	-0.09019	-0.07942	-0.04964	-0.09714	-0.04342	-0.05352	0.006174	0.004383
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[illegible]

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0.215291	0.31207	0.342206	0.417672	0.75159	2.606886	0	0	0	0
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0.105279	0.135957	0.157933	0.191357	0.212073	0.246972	0.33569	0.605292	1.084944	0.20416
0.108198	0.087749	0.085105	0.143339	0.167892	0.162865	0.210689	0.299003	0.408319	0.57242
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0.106887	0.073514	0.043802	0.015999	3.64E-04	0.064965	0.095081	0.202079	0.358797	1.743602
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-0.05872	-0.0432	0.036795	0.138272	0.238609	0.640194	2.74E-05	0	0	0
-0.03839	-0.0586	-0.01302	0.131409	0.26347	0.63768	1.37E-05	0	0	0
-0.06255	-0.06132	-6.80E-04	0.107551	0.298109	0.668026	6.86E-06	0	0	0
-0.05617	-0.03886	-0.02393	0.060378	0.280389	0.875203	3.43E-06	0	0	0
-0.05973	-0.00332	0.024863	0.066221	0.27398	0.945601	1.71E-06	0	0	0
-0.0469	-0.00434	0.059763	0.128977	0.287421	0.727133	8.57E-07	0	0	0
-0.07784	-0.03408	0.049848	0.137918	0.307209	0.609477	4.29E-07	0	0	0
-0.05002	-7.20E-04	0.030927	0.14051	0.269869	0.591463	2.14E-07	0	0	0
-0.04086	0.027478	0.042677	0.108974	0.25272	0.692436	1.07E-07	0	0	0
-0.02035	0.023512	0.055774	0.127407	0.267882	0.754201	5.36E-08	0	0	0
-0.02774	-0.00274	0.004451	0.093914	0.188354	0.665346	2.68E-08	0	0	0
-0.06542	-0.02038	0.007222	0.111681	0.196872	0.536826	1.34E-08	0	0	0
-0.05452	-0.04026	0.006796	0.107906	0.259492	0.546951	6.70E-09	0	0	0
-0.07791	-0.02415	0.0198	0.096529	0.263363	0.519756	3.35E-09	0	0	0
-0.06441	0.005528	0.030563	0.109025	0.259952	0.512631	1.67E-09	0	0	0
-0.06544	0.012689	0.070263	0.136939	0.283442	0.607295	8.37E-10	0	0	0
-0.01883	-0.00299	0.031184	0.143174	0.24667	0.707911	4.19E-10	0	0	0
-0.00992	-0.01853	0.01327	0.062889	0.238138	0.664241	2.09E-10	0	0	0
-0.01739	-0.01861	0.020678	0.056707	0.272411	0.572006	1.05E-10	0	0	0
-0.03838	-0.01945	0.003223	0.013356	0.235654	0.561868	5.23E-11	0	0	0
-0.01883	-1.95E-04	0.05691	0.063164	0.206498	0.702457	2.62E-11	0	0	0
-0.02327	0.009312	0.057616	0.125526	0.284302	0.694107	1.31E-11	0	0	0
-0.01097	0.002559	0.02713	0.091414	0.310736	0.708521	6.54E-12	0	0	0
0.003087	0.013934	0.007445	0.062455	0.218364	0.553383	3.27E-12	0	0	0
-0.00299	0.048566	0.044907	0.073268	0.193791	0.54681	1.64E-12	0	0	0
0.00719	0.006911	0.070216	0.093521	0.199759	0.597964	8.18E-13	0	0	0
-0.01327	-0.02813	0.048462	0.120426	0.188834	0.497094	0.207931	0	0	0
-0.02868	-0.01288	0.042259	0.133882	0.25597	0.415863	2.067309	0	0	0
-0.00669	0.020357	0.012756	0.082797	0.237062	0.490636	1.853294	0	0	0
-0.00237	0.011167	0.025899	0.062066	0.171948	0.504347	2.076788	0	0	0
0.014779	0.008041	0.057388	0.065507	0.214617	0.426312	1.265366	0	0	0
0.00701	-0.01892	0.021851	0.093398	0.203224	0.444047	1.475831	0	0	0
0.063469	0.012608	-0.02191	0.095911	0.13207	0.359683	1.984347	0	0	0
0.058149	0.001639	-0.0063	0.092809	0.1522	0.258373	1.261317	0	0	0

0.015737	-0.01855	0.00544	0.057837	0.177036	0.376554	1.741542	0	0	0
0.003028	0.028725	0.040722	0.034705	0.179617	0.532258	0.188277	0	0	0
0.00643	0.069678	0.05974	0.029947	0.202975	0.548004	0.094139	0	0	0
0.013986	0.075456	0.067993	0.058607	0.194308	0.505239	0.047069	0	0	0
0.026397	0.055394	0.028427	0.094998	0.15975	0.502697	0.023535	0	0	0
0.030727	0.037045	0.004048	0.088344	0.116759	0.474604	0.011767	0	0	0
-0.04705	-0.01743	-0.00372	0.113503	0.187484	0.429994	0.005884	0	0	0
-0.02898	-0.00642	0.010501	0.08172	0.221786	0.465087	0.002942	0	0	0
-0.03895	-0.0053	0.023112	0.044074	0.159217	0.479683	0.001471	0	0	0
-0.0139	0.033475	0.054913	0.071233	0.182007	0.391157	7.35E-04	0	0	0
-0.00358	0.008418	0.066455	0.121918	0.250083	0.468119	3.68E-04	0	0	0
-0.00145	-0.005	0.018986	0.084382	0.186437	0.423715	1.84E-04	0	0	0
0.029146	0.003187	-0.02529	0.117898	0.168207	0.397079	9.19E-05	0	0	0
0.008774	0.003992	0.031227	0.146547	0.268134	0.53457	4.60E-05	0	0	0
0.032272	0.028101	0.042325	0.13364	0.239149	0.619809	2.30E-05	0	0	0
-0.00789	0.042037	0.079198	0.138299	0.218653	0.561287	1.15E-05	0	0	0
-0.00725	0.047044	0.052204	0.115798	0.258115	0.489836	5.75E-06	0	0	0
3.02E-04	0.005212	0.053782	0.120661	0.272484	0.451079	2.87E-06	0	0	0
-0.01051	0.025614	0.053489	0.093104	0.243694	0.450348	1.44E-06	0	0	0
0.058351	0.088202	0.099143	0.083157	0.225629	0.531106	7.18E-07	0	0	0
0.018871	0.020031	0.052114	0.083733	0.22289	0.621805	3.59E-07	0	0	0
-0.03399	-0.04463	0.014217	0.128577	0.27409	0.721224	1.80E-07	0	0	0
-0.02988	0.031858	0.101254	0.122653	0.257974	0.770443	8.98E-08	0	0	0
-0.02204	0.02144	0.064414	0.112861	0.266155	0.787806	4.49E-08	0	0	0
-0.03234	-0.00782	0.057798	0.101204	0.207814	0.772208	2.24E-08	0	0	0
-0.05577	0.02754	0.080349	0.122521	0.257974	0.768453	1.12E-08	0	0	0
-0.04166	0.024954	0.054528	0.136017	0.32333	0.872077	5.61E-09	0	0	0
-0.02623	-0.03998	0.001357	0.091781	0.321043	0.898054	2.81E-09	0	0	0
-0.07032	-0.10585	0.005137	0.102005	0.210617	0.892422	1.40E-09	0	0	0
-0.01866	-0.01208	0.047437	0.155747	0.279018	1.004399	7.01E-10	0	0	0
0.011352	0.053033	0.040744	0.131919	0.383132	1.367397	3.51E-10	0	0	0
-0.04875	-0.00237	0.017363	0.081338	0.375814	1.231792	1.75E-10	0	0	0
-0.02452	0.020071	0.040569	0.129751	0.374706	1.268627	8.77E-11	0	0	0
0.010807	0.018442	0.031957	0.128444	0.369984	1.275332	4.38E-11	0	0	0
0.010484	0.006061	-0.02476	0.038108	0.31401	1.368326	2.19E-11	0	0	0
0.025311	0.001874	0.001357	0.119616	0.35647	1.389773	1.10E-11	0	0	0
0.039777	0.051101	0.066642	0.178741	0.452394	0.178235	5.48E-12	0	0	0
-0.02363	0.023245	0.045505	0.095836	0.396206	0.089117	0	0	0	0
-0.0255	-0.00448	0.07872	0.11834	0.31265	0.200883	0	0	0	0
-0.01542	0.036896	0.084644	0.201664	0.409686	2.249013	0	0	0	0
-0.04875	0.029641	0.043647	0.206926	0.456548	1.601507	0	0	0	0
-0.02282	0.007981	0.013208	0.175525	0.384592	1.256957	0	0	0	0
-0.00166	-0.02795	0.007689	0.190742	0.407394	1.244193	0	0	0	0
-0.02336	-0.02766	0.017799	0.150254	0.440538	2.171555	0	0	0	0
-0.00994	-0.02586	0.02679	0.124971	0.425201	2.22496	0	0	0	0
-0.01136	-0.01728	0.049557	0.17895	0.40655	1.560542	0	0	0	0
-0.02584	-0.01569	0.023829	0.200688	0.510974	0.413557	0	0	0	0

-0.01569	8.77E-04	0.037447	0.182795	0.420565	1.610347	0	0	0	0
-0.00296	0.019602	0.042193	0.167616	0.303319	1.051748	0	0	0	0
-0.04143	-0.01896	-0.01098	0.113323	0.352071	1.550524	0	0	0	0
-0.04127	-0.03467	-0.0499	0.065461	0.352947	1.384915	0	0	0	0
-0.0539	-0.01047	-0.00553	0.148773	0.414813	1.57752	0	0	0	0
-0.07873	-0.02678	0.042325	0.200405	0.533239	0.207407	0	0	0	0
-0.05067	-0.02158	0.02537	0.193269	0.546729	0.103703	0	0	0	0
-0.06647	-0.02694	0.00895	0.177726	0.488595	0.051852	0	0	0	0
-0.12349	-0.03309	0.029708	0.160995	0.409736	0.205624	0	0	0	0
-0.12603	-0.06455	-0.00342	0.177041	0.359397	1.864536	0	0	0	0
-0.08167	-0.02986	-0.01226	0.134773	0.333022	1.167811	0	0	0	0
-0.07051	-0.03251	-0.04132	0.062523	0.269471	1.034809	0	0	0	0
-0.06762	-0.05756	-0.02427	0.057091	0.204032	0.991907	0	0	0	0
-0.06453	-0.04781	-7.59E-04	0.068975	0.257023	0.782343	0	0	0	0
-0.07047	-0.03361	0.034953	0.121132	0.369209	1.059443	0	0	0	0
-0.06777	-0.04529	0.022439	0.153936	0.333944	1.310911	0	0	0	0
-0.04703	-0.03291	0.005865	0.093546	0.295067	1.0599	0	0	0	0
-0.06187	-0.03325	-0.01789	0.04471	0.358064	1.006415	0	0	0	0
-0.07728	-0.02857	-0.01775	0.003601	0.30998	1.595973	0	0	0	0
-0.05893	-0.04251	2.78E-04	0.042083	0.306578	2.821176	0	0	0	0
-0.05982	-0.01818	0.005824	0.065116	0.295336	2.022833	0	0	0	0
-0.05798	-0.02548	0.036036	0.189944	0.435683	2.487867	0	0	0	0
-0.07046	-0.04825	0.012694	0.222413	0.495176	1.601507	0	0	0	0
-0.04621	-0.04867	-0.01309	0.150814	0.448606	1.5456	0	0	0	0
-0.05636	-0.0406	-0.02248	0.070045	0.311691	1.131562	0	0	0	0
-0.07271	-0.05139	-0.02839	0.040819	0.173135	1.026475	0	0	0	0
-0.09278	-0.02461	0.001317	0.063347	0.154415	0.921177	0	0	0	0
-0.08294	-0.04698	-0.02422	0.104341	0.246705	1.018506	0	0	0	0
-0.07138	-0.06295	-0.04583	0.073948	0.379807	1.571539	0	0	0	0
-0.05999	-0.01993	-0.01551	0.078457	0.407792	1.534551	0	0	0	0
-0.0337	0.023615	0.020385	0.084141	0.396448	1.438859	0	0	0	0
-0.04273	-0.02321	0.053353	0.140921	0.377946	1.215137	0	0	0	0
-0.06721	-0.04601	0.011504	0.121892	0.310457	1.188211	0	0	0	0
-0.06245	-0.03314	0.029067	0.14114	0.336934	1.514562	0	0	0	0
-0.07337	-0.03458	0.003706	0.187101	0.470462	0.380395	0	0	0	0
-0.05541	-0.0423	-0.01917	0.149443	0.423856	2.425246	0	0	0	0
-0.06999	-0.03102	-0.01945	0.093964	0.282248	1.450501	0	0	0	0
-0.03755	4.29E-04	0.050968	0.095985	0.256742	1.302039	0	0	0	0
-0.01805	0.003442	0.056024	0.090291	0.275519	1.10923	0	0	0	0
-0.00592	-0.05749	0.045882	0.097395	0.261583	1.031585	0	0	0	0
-0.04877	-0.0929	0.002701	0.127593	0.25569	1.019546	0	0	0	0
-0.1723	-0.05353	-0.02386	0.138435	0.347371	1.281	0	0	0	0
-0.14648	-0.01681	-0.04199	0.087738	0.420821	3.49853	0	0	0	0
-0.0399	0.011847	-0.01695	0.099557	0.435683	0.199244	0	0	0	0
-0.04508	-0.01778	0.05394	0.112861	0.398489	0.271647	0	0	0	0
-0.0229	-0.02262	0.071743	0.198618	0.34405	2.475789	0	0	0	0
-0.02452	0.01305	0.047815	0.198055	0.345168	1.939101	0	0	0	0

-0.06997	-0.00101	0.05297	0.185944	0.473403	0.172584	0	0	0	0
-0.06179	-0.01327	0.05616	0.230386	0.611315	0.086292	0	0	0	0
-0.06378	0.014316	0.074885	0.187345	0.531186	0.043146	0	0	0	0
-0.04123	0.017123	0.111941	0.243128	0.617319	0.021573	0	0	0	0
-0.00479	0.009173	0.080878	0.25572	0.589458	0.010787	0	0	0	0
-0.01881	-1.17E-04	0.061691	0.226598	0.461362	0.005393	0	0	0	0
-0.03162	-0.00824	0.083966	0.241122	0.523975	0.002697	0	0	0	0
-0.06529	-0.02167	0.007161	0.177041	0.669406	0.001348	0	0	0	0
-0.1148	-0.03763	-0.00711	0.160622	0.726836	6.74E-04	0	0	0	0
-0.06774	-0.01104	0.05523	0.21332	0.756116	3.37E-04	0	0	0	0
-0.02202	-0.03408	0.028704	0.180718	0.680356	1.69E-04	0	0	0	0
0.017619	-0.01407	-0.02098	0.111122	0.649514	8.43E-05	0	0	0	0
-0.01945	-0.02979	0.049736	0.122968	0.533107	4.21E-05	0	0	0	0
-0.02883	-5.06E-04	0.086564	0.173364	0.552175	2.11E-05	0	0	0	0
-0.0321	0.012548	0.037078	0.157651	0.61235	1.05E-05	0	0	0	0
-0.06146	0.03033	0.058004	0.134746	0.591807	5.27E-06	0	0	0	0
-0.03363	0.034676	0.101758	0.23724	0.67794	2.63E-06	0	0	0	0
-6.82E-04	0.004759	0.099569	0.305343	0.828902	1.32E-06	0	0	0	0
0.003663	-0.01429	0.056751	0.272343	0.804416	6.58E-07	0	0	0	0
-0.00623	-0.01034	0.090528	0.295767	0.916553	3.29E-07	0	0	0	0
-0.0162	0.018869	0.075265	0.287895	1.109392	1.65E-07	0	0	0	0
-0.03764	0.036261	0.017425	0.202011	0.895252	8.23E-08	0	0	0	0
-0.02071	0.07096	0.122421	0.263388	0.955492	4.11E-08	0	0	0	0
-0.04726	0.034992	0.169393	0.371834	1.511613	2.06E-08	0	0	0	0
-0.01563	-0.01035	0.103578	0.327124	1.179297	1.03E-08	0	0	0	0
0.012606	0.007862	0.086029	0.275245	0.892357	5.14E-09	0	0	0	0
0.01117	0.084731	0.138591	0.325906	0.966517	2.57E-09	0	0	0	0
-0.01149	0.070387	0.116562	0.288741	0.866281	1.29E-09	0	0	0	0
-0.01434	0.068035	0.15733	0.323271	0.940647	6.43E-10	0	0	0	0
0.018809	0.106231	0.201691	0.457021	1.526395	3.21E-10	0	0	0	0
-0.00149	0.029079	0.084814	0.429224	2.040592	1.61E-10	0	0	0	0
-0.00319	0.008041	0.122977	0.30041	1.431098	8.04E-11	0	0	0	0
0.034589	0.064292	0.189327	0.363842	1.313614	4.02E-11	0	0	0	0
0.039325	0.073214	0.13722	0.354916	1.38389	2.01E-11	0	0	0	0
-0.00661	-0.01051	0.057616	0.331054	1.330771	1.00E-11	0	0	0	0
-2.10E-04	-0.02691	0.097891	0.36485	1.288331	5.02E-12	0	0	0	0
0.015268	0.031501	0.108623	0.48751	0.182425	2.51E-12	0	0	0	0
0.045007	0.044987	0.133161	0.539832	0.091212	0	0	0	0	0
0.055189	0.064472	0.210479	0.564259	0.045606	0	0	0	0	0
0.040187	0.11467	0.258603	0.666826	0.022803	0	0	0	0	0
-0.03653	0.075109	0.165608	0.682462	0.011402	0	0	0	0	0
0.016943	0.094137	0.180197	0.649783	0.005701	0	0	0	0	0
0.025186	0.113202	0.243102	0.721332	0.00285	0	0	0	0	0
0.043808	0.095833	0.284057	0.993776	0.001425	0	0	0	0	0
0.046165	0.095202	0.268525	1.181903	7.13E-04	0	0	0	0	0
0.064997	0.162795	0.292349	0.911333	3.56E-04	0	0	0	0	0
0.069686	0.173495	0.31179	0.759335	1.78E-04	0	0	0	0	0

0.029967	0.143643	0.326901	0.822159	8.91E-05	0	0	0	0	0
0.023625	0.122141	0.332015	0.977678	4.45E-05	0	0	0	0	0
0.030031	0.109101	0.284556	1.042267	2.23E-05	0	0	0	0	0
0.058374	0.072707	0.277959	1.0981	1.11E-05	0	0	0	0	0
0.084516	0.147182	0.31454	0.887151	5.57E-06	0	0	0	0	0
0.056621	0.18548	0.337319	0.529387	2.78E-06	0	0	0	0	0
0.024436	0.141371	0.354669	0.703259	1.39E-06	0	0	0	0	0
0.037862	0.118262	0.354941	1.068822	6.96E-07	0	0	0	0	0
0.035741	0.116985	0.197425	0.951397	3.48E-07	0	0	0	0	0
0.026021	0.118338	0.206737	0.90524	1.74E-07	0	0	0	0	0
0.053338	0.13585	0.262786	0.836735	8.70E-08	0	0	0	0	0
0.082155	0.148058	0.279969	0.774033	4.35E-08	0	0	0	0	0
0.013823	0.071948	0.220011	0.640856	2.17E-08	0	0	0	0	0
0.020746	0.008875	0.169305	0.685332	1.09E-08	0	0	0	0	0
0.024207	0.024727	0.188064	0.731352	5.44E-09	0	0	0	0	0
0.037669	0.100497	0.124835	0.671263	2.72E-09	0	0	0	0	0
0.061423	0.098318	0.166837	0.770049	1.36E-09	0	0	0	0	0
0.064358	0.130241	0.253816	0.808821	6.80E-10	0	0	0	0	0
0.042265	0.114113	0.302321	0.599963	3.40E-10	0	0	0	0	0
0.018994	0.074045	0.269414	0.497357	1.70E-10	0	0	0	0	0
0.017271	0.071282	0.247313	0.484961	8.49E-11	0	0	0	0	0
0.034845	0.118645	0.243451	0.596039	4.25E-11	0	0	0	0	0
0.016207	0.093774	0.177065	0.642332	2.12E-11	0	0	0	0	0
0.056442	0.110154	0.202931	0.575588	1.06E-11	0	0	0	0	0
0.05492	0.089253	0.225108	0.553854	5.31E-12	0	0	0	0	0
-0.00735	0.066375	0.220276	0.507497	2.65E-12	0	0	0	0	0
0.021738	0.071948	0.218358	0.546543	1.33E-12	0	0	0	0	0
0.041528	0.073514	0.19395	0.550183	6.64E-13	0	0	0	0	0
0.035293	0.078643	0.196452	0.516511	3.32E-13	0	0	0	0	0
0.060834	0.097415	0.180953	0.497046	1.66E-13	0	0	0	0	0
0.064061	0.114442	0.244851	0.493083	8.30E-14	0	0	0	0	0
-0.00294	0.05808	0.264764	0.499417	4.15E-14	0	0	0	0	0
0.00707	0.033264	0.202676	0.572913	2.07E-14	0	0	0	0	0
0.062422	0.084235	0.178658	0.564331	1.04E-14	0	0	0	0	0
0.045618	0.091195	0.174433	0.449875	5.18E-15	0	0	0	0	0
-0.03367	0.079203	0.190068	0.481106	2.59E-15	0	0	0	0	0
5.77E-04	0.096003	0.185487	0.530528	1.30E-15	0	0	0	0	0
0.016882	0.093339	0.230028	0.563171	0.252256	0	0	0	0	0
-0.01078	0.052395	0.190439	0.504513	1.585104	0	0	0	0	0
0.01362	0.010348	0.196515	0.474737	1.437977	0	0	0	0	0
0.061083	0.057124	0.203887	0.491668	2.015688	0	0	0	0	0
0.008934	0.059038	0.177786	0.453405	1.858364	0	0	0	0	0
0.009819	0.05837	0.160409	0.402149	1.448776	0	0	0	0	0
0.041896	0.118876	0.220143	0.460953	1.681955	0	0	0	0	0
0.019426	0.082182	0.14071	0.52999	3.713288	0	0	0	0	0
0.04322	0.087439	0.077358	0.495308	0.247654	0	0	0	0	0
0.105179	0.149814	0.162696	0.515147	0.324377	0	0	0	0	0

0.080565	0.100718	0.207862	0.4011	1.4126	0	0	0	0	0
0.028158	0.073076	0.178177	0.334249	1.534311	0	0	0	0	0
0.072026	0.123174	0.186099	0.40814	0.371194	0	0	0	0	0
0.102056	0.086439	0.164266	0.490563	2.067012	0	0	0	0	0
0.061401	0.046914	0.163044	0.604799	0.245282	0	0	0	0	0
0.074542	0.09888	0.149574	0.66701	0.122641	0	0	0	0	0
0.051694	0.141371	0.260453	0.656377	0.06132	0	0	0	0	0
0.005891	0.107152	0.303805	0.624284	0.03066	0	0	0	0	0
-0.0045	0.097123	0.236963	0.530797	0.01533	0	0	0	0	0
0.019036	0.060357	0.268562	0.663619	0.007665	0	0	0	0	0
0.053605	0.031125	0.226652	0.924115	0.003833	0	0	0	0	0
0.056263	0.060178	0.135417	0.805897	0.001916	0	0	0	0	0
0.06957	0.11204	0.20783	0.770866	9.58E-04	0	0	0	0	0
0.059027	0.152352	0.300324	0.897507	4.79E-04	0	0	0	0	0
0.082798	0.188867	0.286366	0.676497	2.40E-04	0	0	0	0	0
0.085761	0.185122	0.282142	0.68151	1.20E-04	0	0	0	0	0
0.069247	0.101456	0.227696	0.834565	5.99E-05	0	0	0	0	0
0.0553	0.075734	0.155385	0.613415	2.99E-05	0	0	0	0	0
0.056913	0.133434	0.194824	0.493638	1.50E-05	0	0	0	0	0
0.044134	0.135983	0.265315	0.751777	7.49E-06	0	0	0	0	0
0.038034	0.058503	0.199948	0.699277	3.74E-06	0	0	0	0	0
0.061605	0.086653	0.241359	0.710012	1.87E-06	0	0	0	0	0
0.07719	0.073698	0.266493	0.790467	9.36E-07	0	0	0	0	0
0.063013	0.054444	0.174941	0.521024	4.68E-07	0	0	0	0	0
0.086553	0.124807	0.246397	0.601147	2.34E-07	0	0	0	0	0
0.092138	0.16339	0.315529	0.795632	1.17E-07	0	0	0	0	0
0.036511	0.12919	0.263188	0.554138	5.85E-08	0	0	0	0	0
0.056464	0.138334	0.230944	0.479849	2.92E-08	0	0	0	0	0
0.121739	0.171005	0.226114	0.642071	1.46E-08	0	0	0	0	0
0.066486	0.101997	0.134927	0.625621	7.31E-09	0	0	0	0	0
0.025019	0.115991	0.210349	0.546543	3.65E-09	0	0	0	0	0
0.054273	0.16305	0.343436	0.733384	1.83E-09	0	0	0	0	0
0.062195	0.116017	0.320593	0.796251	9.14E-10	0	0	0	0	0
0.044439	0.109076	0.303604	0.659983	4.57E-10	0	0	0	0	0
0.065821	0.138817	0.289114	0.708289	2.28E-10	0	0	0	0	0
0.065798	0.107177	0.192517	0.63347	1.14E-10	0	0	0	0	0
0.05923	0.084069	0.143839	0.495928	5.71E-11	0	0	0	0	0
0.077355	0.185748	0.289891	0.656197	2.86E-11	0	0	0	0	0
0.094333	0.201041	0.443667	0.990663	1.43E-11	0	0	0	0	0
0.084253	0.152048	0.38106	0.76196	7.14E-12	0	0	0	0	0
0.09898	0.148167	0.267526	0.689866	3.57E-12	0	0	0	0	0
0.026	0.148496	0.169511	0.532278	1.78E-12	0	0	0	0	0
0.00731	0.118262	0.168334	0.394566	0.197283	0	0	0	0	0
0.071306	0.135265	0.274829	0.472321	3.62286	0	0	0	0	0
0.07256	0.137745	0.285518	0.702859	0.23616	0	0	0	0	0
0.041376	0.069404	0.168334	0.68132	0.11808	0	0	0	0	0
0.10553	0.10217	0.18871	0.560139	0.05904	0	0	0	0	0

0.091068	0.158874	0.213633	0.54045	0.248242	0	0	0	0	0
0.071747	0.13617	0.146991	0.437443	1.866871	0	0	0	0	0
0.091263	0.158313	0.218391	0.472145	1.698154	0	0	0	0	0
0.085378	0.166923	0.280578	0.742045	0.236072	0	0	0	0	0
0.062127	0.12364	0.217468	0.778529	0.118036	0	0	0	0	0
0.068163	0.12919	0.25025	0.721645	0.059018	0	0	0	0	0
0.046625	0.164413	0.298376	0.604959	0.029509	0	0	0	0	0
0.056263	0.143643	0.257627	0.521155	0.014755	0	0	0	0	0
0.090535	0.143643	0.273066	0.521813	0.007377	0	0	0	0	0
0.060065	0.140267	0.280197	0.665449	0.003689	0	0	0	0	0
0.041961	0.106529	0.197048	0.640856	0.001844	0	0	0	0	0
0.077402	0.123899	0.193825	0.554067	9.22E-04	0	0	0	0	0
0.104402	0.177991	0.27724	0.573358	4.61E-04	0	0	0	0	0
0.033567	0.087058	0.269229	0.506034	2.31E-04	0	0	0	0	0
0.052759	0.04408	0.199411	0.511081	1.15E-04	0	0	0	0	0
0.109437	0.1253	0.245518	0.560067	5.76E-05	0	0	0	0	0
0.023832	0.145872	0.25507	0.593779	2.88E-05	0	0	0	0	0
0.042091	0.155935	0.231658	0.576559	1.44E-05	0	0	0	0	0
0.044788	0.181231	0.266087	0.611225	7.20E-06	0	0	0	0	0
0.020415	0.143345	0.256257	0.53689	0.268449	0	0	0	0	0
0.096441	0.110329	0.245097	0.54759	1.98644	0	0	0	0	0
0.126032	0.1319	0.226551	0.513594	1.237738	0	0	0	0	0
0.042135	0.107601	0.178297	0.435171	2.397823	0	0	0	0	0
0.026983	0.089133	0.118288	0.438312	0.436741	0	0	0	0	0
0.019591	0.110154	0.181134	0.446152	1.773215	0	0	0	0	0
0.003365	0.078363	0.207766	0.3197	0.860035	0	0	0	0	0
0.063332	0.061208	0.15308	0.231464	0.722501	0	0	0	0	0
0.051472	0.091892	0.147047	0.273382	0.802807	0	0	0	0	0
0.026879	0.081453	0.17161	0.37216	0.918484	0	0	0	0	0
0.010121	0.051473	0.123719	0.326661	1.589618	0	0	0	0	0
0.045553	0.107626	0.155642	0.270198	1.943391	0	0	0	0	0
0.011493	0.073168	0.171817	0.3786	1.477012	0	0	0	0	0
0.029504	0.042789	0.09381	0.320155	1.008264	0	0	0	0	0
0.029735	0.079273	0.090946	0.32373	1.055118	0	0	0	0	0
0.024707	0.120364	0.207959	0.430984	1.235056	0	0	0	0	0
-0.01099	0.046979	0.122818	0.354826	1.18671	0	0	0	0	0
0.00281	0.039065	0.047192	0.238953	1.107644	0	0	0	0	0
0.043655	0.080303	0.113079	0.269939	0.736696	0	0	0	0	0
-0.007	0.082724	0.12303	0.300094	0.629248	0	0	0	0	0
0.008011	0.060133	0.122474	0.259087	0.519576	0	0	0	0	0
0.03898	0.066375	0.152569	0.283041	0.508395	0	0	0	0	0
0.020127	0.043736	0.102389	0.287741	0.75181	0	0	0	0	0
0.00673	0.071672	0.102238	0.170715	0.764744	0	0	0	0	0
-0.00294	0.070044	0.155414	0.269718	0.673148	0	0	0	0	0
0.005632	0.023224	0.142618	0.336521	0.638289	0.280043	0	0	0	0
0.018912	0.051671	0.080565	0.25783	0.560086	2.494034	0	0	0	0
0.022214	0.045203	0.056819	0.173837	0.474388	0.451197	0	0	0	0

-0.00145	0.019073	0.014382	0.145355	0.428006	1.944324	0	0	0	0
-0.0172	-0.00148	-0.00112	0.133559	0.373142	0.186571	0	0	0	0
-0.03043	0.027872	0.057366	0.146824	0.385158	0.279856	0	0	0	0
-0.04095	-0.01309	0.058483	0.221984	0.449427	1.713406	0	0	0	0
-0.03374	-0.01412	0.019487	0.183429	0.454161	1.217431	0	0	0	0
-0.02437	0.008497	0.037839	0.140538	0.353869	1.164599	0	0	0	0
-0.05582	-0.00653	-0.00707	0.118965	0.279129	1.11283	0	0	0	0
-0.06588	-0.03966	-0.04807	0.105374	0.217015	0.890715	0	0	0	0
-0.06264	-0.00788	0.001638	0.102105	0.272703	0.948775	0	0	0	0
-0.06254	-0.0128	-0.00191	0.133182	0.324232	0.893511	0	0	0	0
-0.0469	-0.04888	-0.02525	0.042302	0.282285	0.69717	0	0	0	0
-0.02995	-0.04182	-0.01423	0.042389	0.246122	0.709234	0	0	0	0
-0.04284	-0.03564	0.005198	0.08973	0.25081	0.782947	0	0	0	0
-0.03711	-0.02584	-0.01212	0.109254	0.306105	0.989374	0	0	0	0
-0.0642	-0.03713	-0.0232	0.087811	0.269181	1.11077	0	0	0	0
-0.05149	-0.02647	0.032645	0.08455	0.264006	0.865891	0	0	0	0
-0.04643	-0.02901	0.03383	0.100529	0.276841	0.656408	0	0	0	0
-0.02346	0.002089	-2.41E-04	0.091487	0.253313	0.483849	0	0	0	0
-0.04637	0.034908	0.003344	0.093104	0.283928	0.580108	0	0	0	0
-0.05208	-0.00847	-0.02193	0.093104	0.235788	0.565148	0	0	0	0
-0.06354	-0.05945	-0.06	0.024213	0.13882	0.465378	0	0	0	0
-0.08356	-0.06823	-0.06275	-0.02938	0.12897	0.496593	0	0	0	0
-0.01988	-0.03206	-0.03483	0.014829	0.120903	0.482637	0	0	0	0
-0.05121	-0.04371	-0.05459	0.008583	0.170995	0.511918	0	0	0	0
-0.058	-0.02575	-0.00742	-0.02842	0.131411	0.446156	0	0	0	0
-0.06376	-0.07453	-0.0175	0.014706	0.162061	0.497469	0	0	0	0
-0.06814	-0.08827	-0.0751	-0.03094	0.092287	0.408251	0.172051	0	0	0
-0.05625	-0.05645	-0.08191	-0.03351	0.087026	0.344102	1.551034	0	0	0
-0.07334	-0.04366	-0.03604	0.009594	0.111673	0.352585	1.130128	0	0	0
-0.09047	-0.10236	-0.06454	0.026144	0.154138	0.365789	0.950197	0	0	0
-0.10315	-0.09986	-0.07977	-0.01868	0.125813	0.272387	0.797157	0	0	0
-0.08523	-0.07362	-0.08874	-0.04756	0.093419	0.23727	0.776996	0	0	0
-0.0989	-0.08428	-0.08754	-0.02267	0.03066	0.211145	0.734461	0	0	0
-0.11974	-0.10698	-0.04791	0.003881	0.007292	0.175745	0.61886	0	0	0
-0.12829	-0.0953	-0.06149	0.003342	-0.00774	0.127197	0.478875	0	0	0
-0.09183	-0.09106	-0.08874	3.58E-04	0.052758	0.145625	0.502866	0.202648	0	0
-0.05515	-0.09671	-0.10726	-0.03208	0.072142	0.057923	0.405296	3.187519	0	0
-0.0827	-0.09109	-0.07732	-0.07996	-0.00919	0.067842	0.377421	1.945604	0	0
-0.13775	-0.09028	-0.07276	-0.09909	-0.05983	0.106201	0.397806	2.003807	0	0
-0.13032	-0.09938	-0.10945	-0.10104	-0.03376	0.074434	0.392917	0.364783	0	0
-0.11841	-0.09986	-0.12185	-0.12083	-0.06674	0.086222	0.336648	1.500893	0	0
-0.11195	-0.11322	-0.10818	-0.09848	-0.0761	0.041446	0.238739	0.991416	0	0
-0.12294	-0.11095	-0.10863	-0.07302	-0.03507	0.03542	0.224505	0.844266	0	0
-0.16839	-0.1432	-0.12393	-0.08709	-0.03655	0.035614	0.173043	0.847338	0	0
-0.15991	-0.11373	-0.11418	-0.07909	-0.04298	0.048893	0.210526	0.959792	0	0
-0.14034	-0.11468	-0.1167	-0.09028	-0.06882	0.013943	0.280782	1.322318	0	0
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-0.14077	-0.10079	-0.09991	-0.13663	-0.10432	0.063234	0.252989	1.015091	0	0
-0.12138	-0.11879	-0.09047	-0.09093	-0.0424	0.029391	0.201111	0.803775	0	0
-0.14226	-0.13153	-0.10545	-0.07382	0.010927	0.075144	0.184557	0.688356	0	0
-0.16341	-0.15238	-0.12063	-0.08846	-0.02398	0.032749	0.178913	0.618244	0	0
-0.15565	-0.14316	-0.13606	-0.09574	-0.02099	0.024243	0.17158	0.624659	0	0
-0.17973	-0.15162	-0.13156	-0.11951	-0.05319	-0.03348	0.122463	0.539507	0.18991	0
-0.18081	-0.14788	-0.1258	-0.13326	-0.08102	-0.02704	0.113038	0.37982	1.358148	0
-0.1697	-0.16957	-0.1311	-0.13654	-0.07921	-0.01834	0.104503	0.315035	1.019153	0
-0.1718	-0.25393	-0.16884	-0.15119	-0.08921	0.006947	0.071613	0.227617	0.852995	0
-0.2049	-0.21062	-0.1726	-0.15934	-0.11577	-0.01568	0.029888	0.144064	0.676661	0
-0.21102	-0.17617	-0.15986	-0.15116	-0.12267	-0.06488	0.035428	0.190283	0.593629	0
-0.19665	-0.17511	-0.16331	-0.14955	-0.13599	-0.12195	-0.0036	0.182726	0.485172	0.201471
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0.111283	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0

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0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0
0.254067	0	0	0	0	0	0	0	0	0
1.48432	0	0	0	0	0	0	0	0	0
1.00835	0	0	0	0	0	0	0	0	0
0.619372	0	0	0	0	0	0	0	0	0
0.531056	0.204751	0	0	0	0	0	0	0	0
0.409503	1.566325	0	0	0	0	0	0	0	0
0.225035	0.813765	0	0	0	0	0	0	0	0
0.243378	0.62668	0.307163	0	0	0	0	0	0	0
0.316587	0.614325	2.170185	0	0	0	0	0	0	0
0.197796	0.499409	1.149434	0	0	0	0	0	0	0
0.162643	0.404688	0.930418	0	0	0	0	0	0	0
0.214094	0.31093	0.867909	0	0	0	0	0	0	0
0.194063	0.269645	0.663296	0.24647	0	0	0	0	0	0
0.202834	0.288953	0.49294	1.513318	0	0	0	0	0	0
0.17421	0.325269	0.399213	1.066536	0	0	0	0	0	0
0.062359	0.207471	0.272854	0.832285	0	0	0	0	0	0
0.09794	0.167064	0.336094	0.795631	0	0	0	0	0	0
0.143547	0.188231	0.264169	0.681555	0.221657	0	0	0	0	0
0.094972	0.151682	0.2644	0.443314	0.973253	0	0	0	0	0
0.071492	0.112924	0.233827	0.371555	0.735862	0	0	0	0	0
0.09436	0.178107	0.266256	0.322075	0.570393	0.155448	0	0	0	0
0.011114	0.075276	0.202782	0.244304	0.310896	0.88031	0	0	0	0
-0.01662	-0.00727	0.125826	0.204397	0.321271	0.739001	0	0	0	0
0.010085	0.057415	0.11508	0.201136	0.399457	0.888867	0	0	0	0
0.016594	0.050163	0.094276	0.146515	0.35757	0.709214	0.241516	0	0	0
-0.01424	0.020111	0.044979	0.075863	0.272897	0.483033	1.151459	0	0	0
-0.02152	0.011493	0.010985	0.098134	0.236569	0.394312	0.912641	0	0	0
-0.0278	0.021998	0.069002	0.148676	0.201531	0.25731	0.626579	0.253632	0	0
0.072362	0.067376	0.055749	0.146899	0.175808	0.183227	0.507263	2.227845	0	0
0.080327	0.078608	0.00602	0.088416	0.168517	0.242767	0.471542	1.313571	0	0
-0.00486	0.044715	0.042079	0.092308	0.171017	0.240558	0.471479	0.927151	0.285571	0
-0.05091	-0.00338	0.061442	0.075963	0.105769	0.172846	0.360696	0.571143	0.934698	0.142786
-0.06731	-0.05227	0.026722	0.043028	0.080871	0.149456	0.156646	0.260588	0.508081	0.989754
-0.08592	-0.05956	-0.00945	0.030052	0.095849	0.139399	0.050889	0.13284	0.29882	0.5623
-0.0588	-0.06005	-0.0446	-0.04137	0.025311	0.110029	0.110971	0.190358	0.249625	0.394327

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1.417378
0.834068

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