

i-1/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	0.545	-2.164	0.135	-0.002	0.082	-1.120	0.476	-0.629	0.218	-0.250	-0.415	-0.392	-0.209	0.225	-0.203	-0.324	-0.848	-0.501	1.649	-0.072	0.000
C	0.025	0.000	-1.130	-0.783	0.000	-2.383	-0.318	-0.207	-0.085	-0.230	0.000	0.000	0.320	-0.048	-1.524	-0.086	-2.287	0.000	0.000	0.000	0.000
D	0.583	-0.241	-0.300	-0.237	-0.622	-1.837	-0.419	-0.140	0.467	-0.021	-0.314	0.387	0.277	-0.181	-0.520	-0.318	0.361	-0.525	0.149	-0.708	-1.890
E	0.696	-0.431	-0.045	-0.016	-0.111	-1.529	-0.292	-0.764	-0.303	-0.347	-0.002	0.044	-0.113	-0.318	-0.454	-0.296	-1.102	-0.581	0.413	0.038	-0.202
F	0.004	0.000	-0.370	-0.682	-0.143	-2.213	0.257	-0.658	-0.413	-0.154	-1.998	0.421	-0.932	-0.243	-0.833	-0.417	-0.089	0.947	0.000	0.228	0.000
G	-0.061	-0.042	-0.465	-0.251	-0.796	-1.441	-0.006	-1.110	-0.665	-0.683	-0.060	0.627	-0.215	-0.240	-0.368	-0.017	-0.767	-0.573	0.926	-0.564	0.000
H	0.136	0.000	-0.404	-1.179	-0.303	-1.524	0.098	-1.351	-0.500	0.230	0.081	0.441	0.558	-0.626	-0.685	0.176	-1.098	-0.818	3.182	-2.193	0.000
I	0.992	-0.751	-0.425	-0.363	-1.136	-1.427	0.751	-0.715	-0.399	-0.645	0.416	0.095	-0.050	-0.272	-0.757	-0.282	-0.230	-0.482	0.000	-1.567	0.000
K	-0.202	-0.818	-0.149	-0.064	-0.252	-1.755	0.130	-0.379	-0.236	-0.058	-0.218	0.112	-0.049	-0.520	-0.489	0.192	-0.707	-0.726	-0.922	-0.453	-2.007
L	0.232	-0.352	-0.618	-0.019	-1.441	-1.435	0.009	-0.857	-0.059	0.263	0.307	-0.398	-0.031	0.049	-0.369	-0.461	0.093	-0.472	0.918	-0.216	0.000
M	-0.463	0.000	-0.417	-0.411	-2.087	-0.772	1.193	-0.918	-0.176	0.575	-1.114	0.163	-0.279	-0.212	-0.386	-0.367	-0.330	-0.078	0.000	-1.071	0.000
N	0.723	-0.897	-0.378	-0.323	0.556	-1.770	0.214	-0.522	-0.235	-0.388	0.066	0.262	-0.003	-0.038	-0.775	-0.514	-0.680	-0.978	-1.308	-0.321	-1.387
P	0.752	-0.538	0.094	-0.127	-1.081	-1.686	0.170	-0.406	0.205	0.075	0.642	0.201	-0.291	-0.053	-0.197	-0.110	-0.347	-0.340	0.157	-0.083	0.436
Q	0.609	1.231	-0.332	-0.289	0.477	-1.563	0.752	-1.430	-0.629	0.217	-0.446	-0.298	-0.425	0.442	-0.481	0.150	-0.555	-0.037	0.403	0.355	0.000
R	0.346	-0.231	0.274	-0.667	-0.248	-2.015	0.381	-0.619	-0.552	-0.066	0.000	0.136	-0.066	0.267	-0.618	-0.124	-0.434	-0.467	0.628	-0.052	0.000
S	0.538	-3.617	0.021	-0.081	-0.672	-1.356	0.726	-0.961	0.325	0.009	-0.148	0.419	-0.205	-0.120	-0.636	0.078	-0.290	-0.390	1.801	-0.125	0.000
T	-0.154	0.063	-0.214	-0.027	-0.351	-1.625	0.823	-0.915	-0.363	-0.421	0.623	-0.510	-0.322	-0.540	-0.858	-0.278	-0.274	-0.682	0.369	-0.033	-0.750
V	0.591	-1.262	-0.733	-0.442	0.078	-1.593	-0.506	-0.535	-0.456	-0.097	-0.631	-0.170	-0.016	-0.226	-0.274	-0.223	-0.504	-0.452	-0.194	-0.214	0.000
W	0.000	0.000	-0.818	0.068	-0.235	-1.144	0.000	-1.838	0.021	0.989	0.000	0.078	0.197	-0.267	-0.055	-0.237	-1.350	-1.109	0.000	0.000	0.000
Y	-0.739	0.000	-0.820	-0.720	0.126	-2.486	0.000	-0.776	-1.228	-0.631	0.000	0.327	-0.702	0.063	-0.856	-0.506	-0.720	-1.852	0.744	0.000	0.000
X	0.000	0.000	1.308	-0.014	0.000	-2.283	1.115	0.000	0.000	0.000	0.000	0.791	-0.342	-0.311	0.658	-0.278	0.149	0.000	0.000	0.000	0.000
i-2/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	0.739	-0.447	-0.333	0.043	-0.242	-1.979	-0.839	-0.396	0.447	0.181	0.634	0.528	-0.156	-0.608	-0.559	-0.300	-0.112	-0.500	1.598	0.382	0.000
C	0.000	2.842	0.260	0.176	-0.858	0.665	0.000	-0.391	0.485	0.000	-0.379	0.000	0.444	0.878	0.000	0.162	-0.821	0.000	1.186	0.000	0.000
D	0.810	-0.300	-0.113	-0.114	-1.122	-1.232	0.263	-1.044	0.209	0.018	-0.045	0.119	-0.306	0.330	-0.675	-0.093	-0.185	-1.066	0.905	-0.529	0.000
E	0.835	0.000	0.038	-0.215	-0.060	-2.129	0.570	-0.299	-0.535	-0.446	0.351	0.050	-0.167	-0.484	-0.484	-0.209	-0.338	-0.321	0.622	-0.588	-1.062
F	0.982	0.000	-0.371	0.385	-2.108	-1.807	0.000	-0.302	-0.037	-0.597	1.356	-0.064	-0.294	-0.045	-0.630	-0.258	-0.103	-1.117	0.000	-0.875	0.000
G	-0.127	-0.277	-0.460	-0.244	-0.395	-1.178	0.702	-0.608	-0.382	-0.040	-0.145	0.302	0.088	0.024	-0.438	0.061	0.019	-0.303	-0.678	-0.741	-1.465
H	-0.423	0.911	-1.182	-0.290	-0.532	-1.457	-0.235	-0.237	-0.387	-0.024	0.280	-0.265	-0.199	-0.331	-1.302	-0.045	-0.325	-0.553	0.000	0.847	0.000
I	0.537	-1.415	-0.135	0.317	-0.289	-1.993	0.515	-1.050	-0.338	-0.612	0.157	0.445	-0.433	-1.260	-1.479	0.186	-0.248	-0.793	0.000	0.350	0.000
K	0.068	0.000	-0.310	-0.192	-0.148	-1.748	-0.111	-0.911	-0.187	-0.016	-0.684	0.775	-0.095	-0.501	0.313	-0.306	-0.118	-0.458	1.381	-0.427	0.000
L	0.107	-0.785	-0.218	0.013	0.281	-1.541	-0.422	-1.202	0.197	0.163	-0.582	0.015	0.071	-0.579	-0.147	-0.558	-0.830	-0.459	-0.387	-0.101	0.000
M	0.495	-3.617	0.108	-0.135	0.236	-1.324	-1.219	0.121	-0.429	-0.162	-0.048	-0.045	0.198	-0.178	-0.567	-0.397	-1.032	-0.524	0.000	-0.790	0.000
N	0.149	0.000	-0.500	0.042	0.479	-1.695	0.636	-1.241	-0.574	-0.517	-0.245	0.330	-0.324	0.021	-0.038	-0.462	-0.809	-0.189	0.000	0.014	-1.306
P	0.097	-0.633	-0.279	-0.079	-1.210	-1.064	0.771	-0.673	-0.513	0.127	1.419	-0.510	-0.390	0.314	-0.685	-0.141	0.235	-0.673	-0.078	-1.091	0.000
Q	0.485	0.000	-0.008	-0.164	0.859	-1.903	0.144	-1.206	-0.857	0.277	0.269	0.276	0.082	0.202	-0.284	-0.024	-0.339	-0.688	0.000	0.153	-4.174
R	-0.299	-0.809	-0.499	-0.266	-0.238	-1.692	0.221	-0.472	0.370	-0.241	-0.083	-0.255	0.062	0.340	-0.531	-0.227	-0.171	-0.586	0.000	0.157	0.000
S	0.427	0.000	-0.227	-0.131	0.142	-1.256	0.860	0.169	0.118	0.034	0.357	0.060	0.136	0.026	-0.265	0.078	-0.649	-0.321	0.247	-0.313	-0.627

T	0.604	0.226	-0.020	-0.210	-0.074	-1.655	0.561	-0.101	-0.048	-0.157	1.075	0.490	-0.518	-0.074	0.088	0.163	-0.613	-0.114	1.986	0.155	0.000
V	-0.187	0.000	-0.075	-0.504	-2.394	-2.085	-0.223	-1.489	-0.302	-0.116	0.733	-0.130	-0.166	0.231	-0.556	-0.361	-0.917	-0.928	0.000	-1.174	0.000
W	1.003	0.000	-0.625	0.585	0.000	-2.447	1.397	0.000	-1.658	-0.717	0.000	0.311	-1.137	-1.427	0.000	-0.375	-1.418	1.528	0.000	0.000	0.000
Y	0.257	-0.748	0.564	-0.489	0.509	-2.423	0.888	-0.506	-0.643	0.170	-0.202	0.000	-0.218	0.589	-0.625	0.025	-0.274	-0.393	-0.558	0.003	0.000
X	-1.087	0.000	0.000	-0.233	0.000	-0.521	0.000	0.000	0.000	-0.294	-0.174	0.553	0.000	0.000	0.956	-0.514	-1.359	0.589	0.000	0.000	0.000
i+1/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	0.282	-0.277	-0.179	-0.328	-0.722	-1.712	-0.339	-0.612	-0.505	0.144	-0.022	0.021	-0.379	-0.401	-0.591	-0.389	-0.717	-0.853	0.000	-0.715	0.000
C	-1.329	0.000	-0.690	-1.237	0.000	-0.894	0.000	-0.493	-0.083	-0.194	0.000	0.254	0.017	0.840	-0.525	0.000	-0.467	0.883	0.000	0.000	0.000
D	-0.041	0.833	-0.622	-0.446	-0.933	-2.035	0.055	-1.318	-0.796	-0.592	-0.893	0.200	-0.787	0.042	-0.815	-0.386	-0.765	-1.212	-0.872	-0.313	-2.633
E	0.434	-0.068	-0.267	-0.212	-0.764	-1.703	-0.442	-0.613	-0.106	0.094	-0.211	-0.212	-0.197	-0.679	-0.550	-0.227	-0.378	-0.390	1.383	-0.194	-0.822
F	-0.020	0.000	-0.713	-0.247	0.273	-1.661	0.062	-0.251	-0.511	-1.005	-1.028	-0.276	-0.878	-0.669	-0.340	-0.866	-1.289	-0.545	-1.560	-0.157	0.000
G	0.205	0.717	0.139	0.261	0.663	-0.869	1.087	0.165	0.321	0.721	0.569	0.966	0.149	0.543	0.018	0.347	0.248	0.138	0.211	0.289	-0.604
H	0.177	1.468	-0.379	-0.301	-0.037	-1.375	-0.498	-1.475	-1.241	-0.189	-0.850	-0.477	-0.142	-0.305	0.016	-0.552	-0.876	-1.921	0.157	-1.344	0.000
I	-0.072	1.083	-0.716	-0.409	0.814	-1.459	-0.206	0.089	-0.590	-0.434	1.248	-0.147	-0.263	-0.231	-0.953	-0.355	-0.295	-0.090	-0.519	-0.503	0.000
K	0.351	0.856	0.062	-0.101	-0.357	-1.898	-0.136	-0.635	-0.331	-0.182	-0.671	-0.203	-0.251	-0.164	-0.170	-0.013	-0.580	-0.685	0.532	-0.842	0.000
L	0.316	-0.393	-0.540	-0.230	-1.250	-1.282	0.744	-0.622	-0.412	0.348	-0.663	0.155	0.121	-0.140	-0.408	-0.425	-0.753	-0.589	0.689	-0.174	0.000
M	0.001	0.000	-0.308	-0.187	-1.220	-1.426	0.796	0.160	-0.371	0.183	-0.283	-0.107	-1.042	0.066	0.225	-0.386	-0.355	-0.898	0.000	0.000	0.000
N	-0.212	-1.279	-0.229	-0.311	-0.522	-1.534	-0.153	-0.813	-0.479	-0.573	-0.848	-0.083	-0.615	-0.422	-0.685	-0.022	-0.741	-0.660	0.997	-0.597	-0.758
P	-1.685	0.000	-0.798	-1.359	-1.588	-3.137	0.261	-1.997	-1.875	-2.025	-0.939	-1.345	-0.241	-1.960	-2.155	-0.937	-1.794	-1.262	0.000	-2.424	-0.276
Q	1.047	0.665	-0.353	-0.369	0.164	-1.571	-0.441	-0.845	-0.262	-0.509	0.533	0.142	-0.263	0.013	-0.184	-0.290	-0.182	-0.915	1.750	0.754	-0.092
R	0.311	-0.458	-0.104	0.017	-0.758	-1.409	-0.601	-0.411	-0.358	0.029	-0.354	-0.387	-0.303	-0.110	-0.211	-0.272	-0.686	-0.127	0.000	-0.575	0.571
S	0.120	-1.266	-0.509	0.040	-0.830	-1.381	0.647	-0.853	-0.090	0.194	0.104	0.205	0.210	0.291	-0.231	-0.117	-0.428	-0.378	-0.294	0.527	-1.037
T	0.105	1.369	0.285	-0.247	0.091	-1.384	0.777	-0.580	0.209	0.184	-0.330	0.353	-0.122	0.400	-0.262	0.064	-0.340	0.011	0.693	0.370	-0.494
V	0.088	-0.054	-0.486	-0.507	1.179	-1.415	0.234	-0.723	-0.107	0.405	0.443	-0.183	-0.110	0.032	-0.898	-0.387	-0.847	-0.470	-0.351	-1.106	-1.521
W	-0.757	0.000	-0.032	-0.383	0.000	-1.210	-1.097	0.000	-0.243	-0.870	0.249	-1.157	0.300	-0.797	-1.396	-1.206	-0.773	-0.628	0.000	-0.808	0.000
Y	-0.077	0.000	-0.774	-0.386	-0.636	-1.714	-1.797	-0.192	-0.978	0.137	0.008	-0.604	-0.583	0.107	-0.446	-0.254	-1.169	-0.217	0.000	0.000	0.000
X	0.710	0.000	-0.675	0.966	0.000	-1.284	0.000	0.000	-0.605	0.015	0.000	-0.344	-1.198	0.000	0.000	0.000	-1.197	0.000	0.000	0.000	0.000
i+2/i	A	C	D	E	F	G	H	I	K	L	M	N	P	Q	R	S	T	V	W	Y	X
A	0.218	0.000	0.104	0.169	-0.229	-1.358	0.060	0.004	-0.190	0.127	0.592	0.695	-0.084	-1.042	-0.495	0.014	-0.447	-0.328	0.955	-0.820	-0.436
C	-0.311	-0.345	-0.087	0.000	0.000	-0.647	2.011	0.000	0.245	0.633	0.000	0.000	-1.541	0.000	-0.212	0.000	-0.624	-1.955	0.000	-2.147	0.000
D	-0.517	1.286	-0.142	-0.474	-0.455	-1.040	0.544	-0.453	0.018	0.120	0.341	0.423	-0.400	0.235	-0.805	-0.294	-0.440	-0.233	0.796	0.732	-1.712
E	0.449	0.000	0.022	0.110	-0.985	-1.433	-0.036	0.019	-0.084	0.494	0.518	-0.203	-0.096	-0.392	-0.588	-0.065	-0.322	0.065	-0.283	-0.734	-0.926
F	0.140	2.949	-0.281	-0.147	1.733	-0.687	-0.095	-2.536	-0.103	0.134	-0.955	0.654	-0.877	-0.354	-1.066	0.022	-1.558	-0.974	0.000	-0.164	0.000
G	0.117	1.630	-0.038	-0.025	0.394	-1.558	1.401	-0.333	-0.598	-0.217	-0.547	-0.055	0.230	0.129	-0.173	0.092	-0.537	-0.398	0.548	-0.886	1.006
H	-0.380	0.000	-1.044	-0.016	0.000	-1.796	-0.360	-0.515	0.362	-0.097	-0.297	-0.276	-0.199	0.215	0.110	-0.650	-0.225	0.254	0.713	0.817	0.000
I	-0.444	0.000	-0.524	-0.398	-0.226	-1.322	0.469	-0.912	-0.721	-0.676	-1.226	-0.217	-0.476	-0.022	-0.641	-0.020	-0.906	-1.206	-0.968	0.073	0.000
K	0.364	-0.534	-0.024	-0.519	-0.461	-1.430	-0.726	0.150	-0.240	0.685	-0.165	0.147	0.189	-0.753	-0.293	-0.063	-0.771	0.273	0.266	-0.156	0.000
L	0.417	0.000	-0.021	-0.022	-0.388	-1.893	0.071	-0.454	-0.636	-0.355	0.408	-0.029	-0.409	0.158	-0.997	-0.091	-0.547	-0.992	-0.057	-0.519	-1.736
M	1.348	-0.530	-0.386	0.191	-2.030	-1.241	-0.855	-0.313	-0.815	-0.398	-0.945	0.000	0.227	0.676	-0.406	-0.475	-0.935	-2.365	0.000	-0.186	0.000

