

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	-2.348	-5.805	-1.482	-2.640	-1.849	-4.955	-2.529	-0.756	-3.038	-1.142	-1.842	-2.600	0.000	-1.534	-3.001	-1.752	0.308	-1.729	-2.943	-0.820	-1.511
C	1.251	-7.258	0.059	-0.895	0.000	-3.173	3.561	0.728	4.835	-0.393	0.000	1.506	0.000	0.113	0.721	1.524	-1.542	0.852	0.000	-0.646	0.000
D	-1.618	-0.952	-0.278	-2.258	-1.556	-3.505	-1.807	-0.983	-1.608	-1.428	-0.282	-1.540	0.000	-2.102	-2.860	-2.393	-0.952	-1.288	-1.722	-0.067	0.064
E	0.030	4.108	0.099	-0.770	-0.962	-2.769	-1.049	1.022	-1.730	-0.025	-0.280	-1.374	0.000	-0.791	-0.523	-0.279	0.873	0.718	0.999	-0.323	-1.205
F	-1.283	3.353	-0.214	-0.083	0.170	-3.544	2.501	-0.870	-0.419	-2.617	2.847	0.709	0.000	-0.521	-1.795	0.338	0.284	0.483	0.000	1.058	0.000
G	-2.291	-2.452	-0.571	-2.417	-2.313	-4.512	-2.374	-0.383	-3.355	-2.090	-1.535	-2.587	0.000	-3.069	-3.249	-1.466	-1.637	-1.197	-1.255	-1.923	-0.717
H	-0.827	0.000	-0.901	-1.708	2.014	-3.611	0.705	1.058	-1.624	-0.735	-0.335	0.547	0.000	-3.421	-1.347	-2.431	-0.914	2.635	-1.406	0.855	0.000
I	2.832	6.106	3.164	2.063	0.666	-0.837	2.187	3.514	2.135	1.643	3.352	1.397	0.000	4.321	2.503	1.996	1.989	3.322	0.000	2.442	0.000
K	-0.294	0.377	-0.517	-1.196	-0.584	-2.920	-2.905	1.745	-0.793	0.318	0.016	-0.515	0.000	-0.848	-1.516	-0.600	0.197	0.847	-0.123	-1.481	0.885
L	-1.600	-0.419	-0.545	-0.609	-1.123	-4.899	0.374	0.127	-0.850	-0.366	0.118	-0.966	0.000	-1.455	0.249	-0.644	-0.853	0.166	-0.806	-2.069	0.774
M	-0.638	0.000	0.761	-0.498	0.302	-3.040	1.685	0.647	-0.679	0.893	0.662	1.063	0.000	-0.862	0.198	0.150	0.532	1.089	-0.875	0.449	0.000
N	-1.832	-3.241	0.368	-2.109	1.122	-3.363	0.000	-0.832	-2.609	-1.878	-1.413	-1.823	0.000	-2.325	-2.309	-0.712	-0.006	-1.302	-1.235	-1.044	-1.945
P	-1.775	-2.409	-2.283	-1.764	-1.714	-3.850	-1.719	0.457	-1.704	-1.190	-1.887	-2.631	0.000	-1.520	-1.769	-0.903	-1.122	-0.384	0.266	-0.704	0.508
Q	-0.224	0.483	-0.228	-1.048	0.354	-3.683	-1.479	1.526	-0.837	-0.716	-1.122	-0.843	0.000	-0.935	-1.509	-1.118	-1.843	-1.323	0.581	-1.431	-2.899
R	-0.533	0.175	-0.390	-0.483	0.589	-4.151	0.129	0.762	-0.537	-0.411	1.123	-0.543	0.000	-1.656	-1.198	-1.362	0.250	-0.263	-0.807	-0.630	-1.814
S	0.088	-0.839	1.104	-0.530	-0.697	-2.100	-0.191	-0.186	0.345	-0.299	0.717	0.440	0.000	-0.098	-0.024	0.307	0.514	0.602	0.016	1.151	-1.154
T	0.751	2.704	0.294	0.684	1.963	-2.917	1.294	2.422	-0.085	0.885	0.444	0.313	0.000	0.399	0.009	-0.072	1.679	2.017	2.436	1.286	1.301
V	1.441	1.023	2.894	1.205	1.827	-1.353	-0.447	2.922	1.955	2.936	3.622	2.736	0.000	1.881	2.007	1.038	1.815	2.790	3.531	2.070	0.000
W	0.000	0.000	0.640	-3.102	2.166	-5.456	3.870	0.000	-2.062	0.599	0.521	0.645	0.000	0.393	-1.796	1.213	2.657	2.183	-2.431	0.000	0.000
Y	-0.323	0.000	-0.943	-1.254	-1.477	-3.556	1.121	0.156	-0.121	1.322	0.797	-0.813	0.000	-1.133	-0.823	-0.008	0.382	2.359	1.838	3.236	0.000
X	0.000	0.000	0.130	3.330	0.000	-3.459	0.000	0.000	0.000	0.000	0.000	3.182	0.000	0.481	-1.926	0.326	3.012	-1.909	0.000	0.000	1.542
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	-0.233	0.446	-1.048	-0.623	-1.164	-3.476	0.775	1.105	-0.671	-1.155	0.626	0.006	0.000	0.327	-1.973	-0.722	-0.530	0.537	0.098	-0.982	2.032
C	-1.971	2.116	0.107	1.220	4.195	-2.884	-3.619	-0.433	-1.478	1.170	0.057	0.000	0.000	-0.751	0.000	-1.336	-2.661	2.993	-1.231	0.000	0.000
D	-1.350	-0.499	1.239	-1.997	-1.201	-2.926	-0.219	0.042	-0.348	-1.275	-0.048	0.225	0.000	-1.027	-2.756	0.046	-0.399	1.512	0.670	-1.876	-2.706
E	-0.967	0.000	0.049	-0.497	0.365	-2.619	-0.795	1.507	0.574	0.156	-0.059	0.473	0.000	-0.853	-0.291	0.103	0.337	0.272	2.658	0.759	-0.595
F	-1.279	3.358	-0.436	-0.526	0.432	-3.952	0.000	-0.496	-3.153	1.320	0.705	-3.349	0.000	-0.587	-3.441	-1.629	-1.003	2.033	-1.732	2.446	0.000
G	-0.722	-1.447	1.041	-0.330	0.193	-3.716	0.059	0.862	-0.360	-1.038	0.222	-0.260	0.000	-1.224	-0.209	-0.010	-0.198	0.487	0.890	-1.834	0.415
H	0.163	0.000	-1.077	-0.522	0.106	-3.069	-0.106	-0.897	-1.897	-0.443	-2.501	-0.188	0.000	0.254	-2.586	0.376	-1.368	0.874	0.000	4.508	0.000
I	-0.679	-0.356	-0.622	-1.880	2.487	-2.577	-1.372	1.366	-0.246	0.098	-0.752	0.551	0.000	1.028	-1.106	-1.531	0.392	-0.855	0.000	-0.410	0.000
K	-0.193	-2.065	0.071	-0.440	0.266	-3.050	-2.290	2.563	-0.318	0.705	-1.114	0.000	0.000	-0.844	0.146	0.077	0.387	-0.314	0.458	0.572	0.477
L	-0.534	-3.337	0.224	-1.199	-0.874	-3.578	-0.623	1.454	-1.948	-0.500	-0.793	-1.971	0.000	0.057	-0.303	-1.023	0.679	-0.381	-1.191	-1.705	0.000
M	-1.447	-2.773	-0.796	-1.013	1.048	-3.068	-0.721	0.519	-1.596	0.805	-0.238	-0.458	0.000	0.710	0.306	-0.345	0.653	-0.046	0.000	-0.285	0.000
N	-0.686	0.000	-0.703	-1.372	-0.820	-2.977	0.022	0.791	-1.083	-0.776	-0.939	0.403	0.000	-1.014	0.153	-0.798	1.245	-1.696	-1.118	-1.747	-1.736
P	-0.173	-4.592	-0.977	-0.308	-1.108	-3.731	-1.809	2.078	-1.068	-0.555	-0.680	0.171	0.000	-2.508	-1.731	-0.903	-0.297	-0.651	0.916	2.164	2.575
Q	0.326	2.155	0.470	-0.853	-2.340	-3.522	1.829	-1.201	-1.314	0.341	-0.188	-1.036	0.000	-0.759	-0.637	0.038	-0.670	1.234	-1.611	-0.297	-3.361
R	0.151	3.257	0.549	-1.049	0.249	-3.263	-1.879	1.147	-1.160	0.911	0.819	0.306	0.000	-0.877	-0.859	0.272	0.444	0.781	-0.135	-0.349	0.000
S	-1.270	-2.998	0.227	-0.965	-1.198	-2.482	0.246	-0.027	-1.331	-1.047	-0.879	0.032	0.000	-1.317	-1.636	-0.790	0.368	0.040	1.521	1.032	-0.555

T	-0.349	1.449	0.151	-0.845	-0.561	-3.724	0.337	1.383	-1.175	-0.779	0.609	-0.372	0.000	-0.017	-0.526	-0.091	0.939	-0.703	-0.925	1.146	-1.841
V	-0.852	3.365	0.636	-1.873	0.172	-3.153	0.340	0.229	-0.978	-0.492	1.677	-0.106	0.000	0.054	-1.839	0.334	1.102	1.446	0.465	-2.073	0.925
W	-3.186	1.924	1.783	-1.521	0.097	-3.032	0.481	4.219	-2.327	-3.238	0.000	2.224	0.000	0.900	-2.899	-0.496	-4.611	1.095	-0.840	0.000	0.000
Y	-1.241	-2.572	-2.451	-1.285	-1.651	-4.835	-0.676	0.807	-1.652	-0.353	0.000	-3.618	0.000	-0.725	-0.586	-0.610	1.054	1.571	-0.928	1.274	2.192
X	0.000	0.000	-1.036	-3.115	0.000	-3.770	0.000	0.000	-4.114	-2.556	0.657	-2.344	0.000	0.000	-2.189	-1.443	1.692	-1.463	0.000	0.338	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	-0.750	2.047	-0.269	-0.242	-0.851	-4.044	-1.762	0.171	-0.499	-0.179	-0.160	-0.645	0.000	-0.237	-1.101	-0.727	0.136	-0.496	0.000	-0.208	0.000
C	-2.714	1.425	0.711	-0.689	0.255	-3.364	0.000	-1.508	0.607	0.349	0.895	-1.592	0.000	-3.899	-1.093	-0.332	-0.197	-0.079	0.000	0.000	0.000
D	-1.272	-2.537	0.381	-1.088	-0.990	-3.556	-1.166	-0.547	-1.184	-0.229	-0.175	-1.049	0.000	-0.605	-1.242	-1.312	-0.885	0.029	0.382	-1.063	-0.355
E	-0.883	-0.149	-0.137	-1.276	0.405	-3.928	0.743	0.477	-1.628	-0.329	-1.253	-1.896	0.000	-1.137	-1.611	-0.923	0.527	0.240	-1.035	1.098	-0.279
F	-1.430	0.000	-1.255	-1.009	1.908	-4.291	0.675	-0.427	-0.507	1.032	1.189	-0.880	0.000	-0.728	-1.265	-1.850	0.967	-0.353	-1.786	-0.264	0.000
G	-0.538	1.313	-0.685	-0.256	0.121	-3.525	-0.726	0.095	-1.126	-0.679	0.040	-0.201	0.000	-1.782	-1.554	-0.078	-0.652	-0.754	1.050	-0.987	-2.081
H	-0.507	-1.250	-0.861	-1.704	1.130	-3.639	-0.458	0.263	-2.747	-0.416	-2.209	0.768	0.000	-0.789	-2.697	-0.613	-0.903	-0.040	1.157	-0.398	0.000
I	-1.442	0.000	0.332	-1.122	-1.801	-4.184	-0.298	0.573	-0.872	-0.274	-1.793	-1.500	0.000	-0.328	-2.638	-0.494	1.913	0.980	0.537	-1.444	0.000
K	-1.262	2.219	0.192	-1.237	-1.517	-3.110	-1.977	0.952	-0.729	-0.692	-1.363	-1.073	0.000	-1.102	-1.062	-0.591	0.415	0.833	-0.450	0.802	0.000
L	-1.886	-0.970	-0.346	-1.225	0.118	-4.488	-2.595	0.576	-1.529	-0.725	-1.102	-1.549	0.000	-2.068	-2.107	-1.115	0.955	1.310	0.170	-1.204	0.000
M	-0.729	0.000	-0.662	-1.708	1.097	-3.293	-1.079	2.200	-1.493	0.190	0.201	-2.472	0.000	-1.493	-1.327	-1.597	-0.208	1.139	-0.288	-3.428	0.000
N	-1.157	-1.340	0.374	-1.694	-1.220	-3.336	-3.378	-0.461	-2.069	-1.050	0.438	-0.277	0.000	-0.465	-1.365	-0.855	-1.161	0.172	-0.797	-1.091	-0.366
P	0.334	0.686	0.578	-0.905	-0.761	-3.731	-1.294	1.407	-0.364	0.051	0.970	-0.475	0.000	-0.274	-1.156	-0.043	1.773	0.982	1.839	-0.063	0.967
Q	-0.374	0.494	-0.448	-1.453	-1.622	-3.107	0.861	0.072	-1.539	-0.613	-1.667	-1.277	0.000	-1.371	-0.969	-1.011	0.724	1.582	0.907	-1.939	0.420
R	0.318	1.061	0.496	-1.006	-1.152	-3.359	1.378	0.226	-1.433	-0.061	-0.857	-0.805	0.000	-1.489	-1.687	-0.985	0.749	-0.148	1.692	-0.601	0.453
S	-0.745	-1.645	-0.143	-0.819	0.188	-2.218	-1.147	-0.724	-1.106	-1.024	-0.474	-1.679	0.000	-1.889	-2.005	-0.894	0.811	-0.599	-0.160	-0.262	0.589
T	-0.364	0.869	-0.127	-1.601	-0.892	-2.658	-0.970	1.298	-1.355	-0.531	0.011	0.822	0.000	-0.745	-0.616	-0.551	0.922	-0.055	1.543	0.670	2.474
V	-0.456	0.000	-0.305	-1.306	-0.843	-4.380	0.715	1.510	-0.874	-0.490	1.529	-0.422	0.000	-2.185	-1.167	-0.217	0.575	0.930	-0.872	0.582	-0.383
W	-4.881	0.000	1.060	-1.742	0.000	-3.727	-3.466	0.000	-2.427	-1.614	0.000	-0.053	0.000	-1.266	-1.499	-1.874	0.999	-0.434	-3.371	-1.886	0.000
Y	-2.045	0.521	-1.379	-1.587	2.738	-5.016	2.566	0.067	-1.323	-0.726	-0.267	-2.708	0.000	-1.598	-1.780	0.031	-0.987	-0.548	0.000	-0.546	0.000
X	-2.091	0.000	0.958	-2.244	0.000	-4.253	0.000	0.000	-2.935	-1.667	0.000	-2.773	0.000	-4.747	-4.932	-3.187	-0.237	-2.413	-4.157	0.000	-2.365
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	-0.021	2.229	0.185	-0.794	0.842	-2.963	-3.714	0.066	-1.431	-0.380	0.023	-0.686	0.000	-0.408	-1.731	0.045	0.722	1.282	2.000	-1.067	-1.387
C	-0.160	-0.697	-0.261	0.000	-1.108	-3.013	0.000	-1.585	-1.053	-1.015	3.873	0.000	0.000	-5.525	2.219	0.511	-0.096	-1.881	5.332	-2.325	0.000
D	0.035	0.433	-0.165	-1.172	-0.454	-4.033	-0.816	0.599	-0.325	-0.211	-0.537	-0.551	0.000	-1.808	-2.268	-0.139	0.083	-0.005	-1.269	2.059	-0.756
E	0.023	0.000	-0.800	-1.245	-0.631	-3.445	-0.930	1.858	-0.881	-0.997	1.135	-1.359	0.000	-0.464	-1.210	-0.499	0.188	0.016	1.990	0.145	-3.821
F	-0.441	4.321	-0.113	-1.852	-0.326	-3.097	-1.113	1.215	-1.197	-0.903	0.598	0.149	0.000	-0.640	-1.194	-1.129	1.773	-3.662	2.508	-0.592	0.000
G	-0.111	-1.573	0.392	-0.732	-0.850	-3.842	-0.800	0.396	-1.564	-0.822	0.063	-1.249	0.000	-1.354	-1.059	-0.962	-0.029	1.309	1.727	-0.591	2.390
H	-0.555	-0.498	0.276	-2.424	-1.812	-4.405	-0.280	0.904	-0.314	-0.212	-0.284	-0.517	0.000	-0.385	-2.070	0.161	-2.338	-0.451	-0.091	-0.188	0.000
I	-0.458	0.910	0.295	-1.200	-1.487	-3.945	0.386	0.079	-1.499	-1.097	-0.620	-0.206	0.000	-1.672	-1.387	-1.157	1.065	-1.592	0.673	-0.507	0.000
K	-1.156	-0.215	-0.423	-0.990	-1.350	-3.296	-0.017	0.363	-0.975	-0.957	0.255	0.057	0.000	-1.000	-2.562	-0.852	0.501	0.005	-0.226	-1.557	2.148
L	-1.471	0.000	-0.581	-1.036	-0.456	-4.216	-0.527	0.435	-2.376	-1.447	-0.961	-1.107	0.000	-1.506	-1.461	-0.811	-0.467	1.363	-1.397	1.141	0.000
M	-1.400	2.575	-0.588	0.586	-0.059	-2.685	-3.637	-0.728	-0.286	-2.246	-0.318	-1.380	0.000	-0.975	0.174	-1.331	-0.475	0.509	-3.919	1.857	2.232

N	-1.292	0.000	0.587	-1.366	0.899	-3.843	-0.699	1.442	-0.597	1.126	1.675	0.794	0.000	-2.018	-1.469	-0.706	0.479	0.960	-1.676	-1.526	-4.525
P	-0.474	0.547	-0.117	-0.342	0.915	-3.978	0.213	0.691	-1.830	-0.508	-2.068	-2.498	0.000	-1.399	-1.791	-1.070	0.122	0.400	-3.089	0.733	2.253
Q	-1.174	1.206	-0.116	-1.165	0.981	-3.443	0.139	-0.168	-0.304	0.259	-1.421	-0.381	0.000	-0.737	-1.636	0.076	0.053	-0.296	0.980	-0.599	0.000
R	-0.805	0.000	0.897	-0.983	0.118	-3.634	-0.004	0.378	-0.991	0.509	-0.472	-0.649	0.000	-0.342	-0.940	-0.630	0.435	0.357	0.373	-0.700	0.000
S	-0.621	-0.411	-0.683	-0.424	-0.180	-2.951	0.603	0.441	-0.606	0.372	-0.666	-0.551	0.000	-2.134	-0.909	-0.347	1.179	0.354	-0.030	-0.956	1.604
T	-0.591	-0.123	0.710	-1.594	1.122	-4.256	-1.235	0.179	-1.857	-0.165	0.105	-1.200	0.000	-0.541	-1.167	-0.194	0.381	1.207	-0.520	-1.548	2.758
V	-1.971	-3.993	-0.630	-0.839	-0.746	-3.392	-1.536	0.689	-1.341	-0.023	-1.336	-1.951	0.000	-1.599	-1.493	-0.381	2.612	0.520	0.000	-0.639	0.771
W	-2.240	-2.141	1.591	-2.509	-2.314	-4.046	0.000	0.000	-2.625	-1.600	0.000	-2.651	0.000	0.000	0.083	-2.101	0.000	-1.889	0.000	0.306	0.000
Y	-0.769	0.000	-1.063	-1.434	-0.878	-3.749	1.859	-1.109	-2.028	-0.847	-0.306	-1.471	0.000	-0.261	-1.996	-0.026	2.818	0.948	0.000	3.692	-1.001
X	-0.117	0.000	0.000	-2.836	0.000	-3.269	0.000	0.000	-4.289	0.000	0.000	3.024	0.000	2.052	0.000	-0.331	-3.708	-0.792	0.000	0.261	0.000