

Table 7. Observed and calculated structure factors

1 Sauland (Cu-vesuvianite)

h	k	l	F(obs)	F(calc)	(Fo-Fc)/ σ	h	k	l	F(obs)	F(calc)	(Fo-Fc)/ σ
2	0	0	23.951	39.760	-3.6153	4	0	0	197.766	184.772	3.7826
6	0	0	45.849	46.842	-0.3344	8	0	0	120.439	115.536	1.7959
10	0	0	73.221	74.319	-0.3518	12	0	0	248.406	259.260	-2.7206
14	0	0	616.566	620.232	-0.4341	16	0	0	367.476	369.332	-0.3424
18	0	0	193.661	193.724	-0.0165	20	0	0	219.665	213.879	1.4162
1	1	0	86.223	105.436	-5.9736	3	1	0	28.741	9.352	4.2164
5	1	0	359.264	377.982	-3.5158	7	1	0	479.703	471.155	1.2580
9	1	0	394.849	399.494	-0.8169	11	1	0	259.354	261.839	-0.6082
13	1	0	164.919	160.622	1.3056	15	1	0	328.470	336.626	-1.6439
17	1	0	116.333	114.554	0.4972	19	1	0	47.902	46.936	0.2085
2	2	0	119.070	118.240	0.2092	4	2	0	320.259	329.746	-1.9610
6	2	0	914.927	960.429	-3.5616	8	2	0	467.386	469.408	-0.3049
10	2	0	598.090	609.783	-1.4087	12	2	0	216.927	218.481	-0.4196
14	2	0	345.578	345.981	-0.0789	16	2	0	159.445	161.236	-0.5142
18	2	0	153.970	148.942	1.3761	20	2	0	198.451	194.261	1.0629
3	3	0	71.853	86.846	-3.1753	5	3	0	243.616	238.357	1.3672
7	3	0	510.498	492.129	2.5564	9	3	0	119.755	124.883	-1.7972
11	3	0	479.019	485.162	-0.9132	15	3	0	184.080	183.244	0.2349
17	3	0	94.435	95.157	-0.2245	19	3	0	183.396	181.039	0.6162
4	4	0	887.554	922.079	-1.9631	8	4	0	95.120	103.123	-2.8735
10	4	0	149.865	152.364	-0.8265	12	4	0	343.525	346.776	-0.6369
14	4	0	133.441	135.548	-0.6402	16	4	0	283.305	282.779	0.1170
18	4	0	139.600	141.385	-0.4821	7	5	0	152.602	149.018	1.2152
9	5	0	493.390	495.153	-0.2548	11	5	0	95.120	98.497	-1.0569
13	5	0	213.506	207.368	1.6278	15	5	0	45.849	41.179	1.1318
17	5	0	183.396	181.940	0.3932	19	5	0	60.904	66.976	-1.5193
6	6	0	23.951	17.858	0.8815	8	6	0	199.819	209.110	-2.7044
10	6	0	322.312	323.765	-0.3016	12	6	0	284.674	287.825	-0.7116
14	6	0	179.290	178.463	0.2341	16	6	0	267.566	264.063	0.8051
18	6	0	174.500	174.652	-0.0396	7	7	0	881.395	916.435	-2.0239
11	7	0	30.794	26.821	0.8086	15	7	0	173.131	173.106	0.0068
17	7	0	56.114	54.755	0.3521	8	8	0	557.031	561.868	-0.4418
10	8	0	162.867	171.605	-2.6770	12	8	0	349.000	347.349	0.3187
14	8	0	93.751	98.245	-1.2439	16	8	0	394.849	398.418	-0.6202
18	8	0	49.955	38.247	2.5575	9	9	0	239.510	240.459	-0.1691
11	9	0	34.216	23.642	1.7883	13	9	0	213.506	212.577	0.2446
15	9	0	133.441	132.177	0.3532	17	9	0	99.225	99.699	-0.1168
10	10	0	117.018	114.412	0.5769	12	10	0	281.937	284.355	-0.5313
14	10	0	114.965	115.664	-0.1965	16	10	0	71.169	70.756	0.1177
11	11	0	118.386	113.604	0.9843	13	11	0	51.323	49.703	0.3966
15	11	0	32.163	31.950	0.0260	12	12	0	286.727	287.567	-0.1306
14	12	0	132.072	134.427	-0.6291	13	13	0	120.439	122.738	-0.4362
15	13	0	130.704	132.187	-0.3810	14	14	0	552.925	543.439	0.8886
1	0	1	45.849	54.833	-2.8792	5	0	1	51.323	31.982	6.9447
7	0	1	338.735	322.211	3.3168	9	0	1	106.069	111.501	-1.9037
13	0	1	127.967	129.132	-0.3623	15	0	1	201.872	203.549	-0.4505
17	0	1	80.749	80.763	-0.0048	19	0	1	178.606	177.902	0.1839
2	1	1	36.269	35.353	0.2742	5	1	1	75.959	79.067	-1.0207
6	1	1	138.231	125.192	4.5693	7	1	1	283.990	279.496	1.0439

8	1	1	105.384	98.241	2.6361	9	1	1	116.333	116.173	0.0562
10	1	1	249.090	255.063	-1.5048	11	1	1	95.120	93.223	0.6172
12	1	1	131.388	132.297	-0.2957	13	1	1	91.014	85.632	1.5888
14	1	1	186.817	188.846	-0.5701	15	1	1	153.970	154.758	-0.2343
16	1	1	47.902	46.113	0.4484	18	1	1	131.388	125.813	1.5488
19	1	1	201.188	200.070	0.2837	3	2	1	78.012	86.958	-2.8483
5	2	1	55.429	53.201	0.8456	7	2	1	110.859	108.540	0.8491
8	2	1	38.322	36.615	0.5228	9	2	1	32.847	29.294	0.9240
10	2	1	170.394	172.714	-0.7322	11	2	1	50.639	52.550	-0.6275
12	2	1	175.184	179.345	-1.2748	13	2	1	38.322	39.512	-0.2848
14	2	1	28.741	17.547	1.8695	15	2	1	56.114	55.451	0.1932
16	2	1	52.008	50.840	0.3119	17	2	1	41.743	44.982	-0.6734
18	2	1	40.374	37.118	0.6484	19	2	1	80.065	77.072	0.9365
20	2	1	62.957	58.551	1.1336	4	3	1	229.245	233.374	-1.1091
5	3	1	60.220	63.582	-1.3921	6	3	1	225.823	220.377	1.4904
7	3	1	301.098	293.806	1.6119	8	3	1	139.600	136.861	0.9506
9	3	1	218.296	214.979	0.9198	10	3	1	202.557	205.126	-0.7419
11	3	1	152.602	152.691	-0.0287	12	3	1	52.692	52.759	-0.0214
13	3	1	56.798	54.800	0.6307	14	3	1	214.874	220.808	-1.5824
15	3	1	60.904	59.619	0.3793	16	3	1	210.768	209.864	0.2369
17	3	1	44.480	39.560	1.0994	19	3	1	157.392	157.131	0.0696
5	4	1	150.549	143.105	2.5415	6	4	1	403.745	389.290	2.4792
7	4	1	194.345	192.135	0.6672	8	4	1	101.278	99.332	0.7056
10	4	1	75.274	73.540	0.5348	11	4	1	45.165	44.684	0.1449
12	4	1	403.745	414.591	-1.8603	13	4	1	110.174	111.572	-0.4375
14	4	1	170.394	173.214	-0.8144	15	4	1	141.653	140.072	0.4668
16	4	1	121.123	122.733	-0.4559	17	4	1	56.798	56.047	0.1962
6	5	1	329.839	321.711	1.6799	7	5	1	139.600	140.128	-0.1832
8	5	1	123.176	122.853	0.1124	9	5	1	47.218	48.320	-0.3509
11	5	1	118.386	120.374	-0.6470	12	5	1	118.386	123.679	-1.6813
13	5	1	179.290	181.994	-0.7764	14	5	1	156.023	156.948	-0.2692
15	5	1	61.588	64.626	-0.8879	16	5	1	37.637	34.491	0.5755
17	5	1	67.747	68.777	-0.2957	18	5	1	126.598	123.655	0.7906
19	5	1	31.478	39.117	-0.9302	7	6	1	45.849	48.572	-0.9452
8	6	1	79.380	79.384	-0.0012	9	6	1	114.965	116.714	-0.5930
10	6	1	163.551	164.297	-0.2321	11	6	1	52.692	53.509	-0.2594
12	6	1	205.294	206.826	-0.4192	13	6	1	55.429	59.630	-1.2325
14	6	1	68.431	72.167	-1.2157	15	6	1	30.794	33.042	-0.3074
16	6	1	41.059	38.087	0.5721	19	6	1	86.223	85.600	0.1939
8	7	1	145.074	150.285	-1.7227	9	7	1	141.653	143.538	-0.6083
10	7	1	53.376	50.245	1.0124	11	7	1	84.171	85.032	-0.2565
12	7	1	54.745	54.175	0.1676	13	7	1	75.959	77.254	-0.4572
15	7	1	62.957	63.699	-0.2151	16	7	1	44.480	38.652	1.3103
17	7	1	45.165	47.761	-0.5507	18	7	1	30.110	8.811	2.2603
10	8	1	93.067	91.159	0.5943	11	8	1	32.847	33.439	-0.1003
12	8	1	231.298	230.416	0.2264	13	8	1	114.280	117.438	-0.9139
14	8	1	102.647	106.956	-1.1727	15	8	1	80.065	74.140	1.7740
16	8	1	89.645	86.559	0.9375	17	8	1	108.121	115.319	-1.8716
10	9	1	88.961	92.495	-1.0208	11	9	1	132.072	131.909	0.0505
12	9	1	138.916	136.952	0.5763	13	9	1	66.378	67.892	-0.4927
14	9	1	45.849	41.044	1.1684	17	9	1	161.498	162.355	-0.2285
18	9	1	45.165	45.177	-0.0018	11	10	1	45.849	40.110	1.4765
12	10	1	112.912	111.090	0.5378	13	10	1	38.322	34.893	0.7026
15	10	1	98.541	99.753	-0.3175	16	10	1	61.588	63.051	-0.3953
17	10	1	97.172	96.301	0.2455	12	11	1	149.865	149.634	0.0657

13	11	1	62.272	61.493	0.2237	15	11	1	35.584	23.409	2.0240
16	11	1	49.271	37.878	2.5225	14	12	1	33.531	38.668	-0.8098
15	12	1	47.902	52.156	-0.8957	16	12	1	55.429	55.772	-0.0786
14	13	1	81.433	83.217	-0.5546	15	13	1	132.757	134.019	-0.3281
0	0	2	361.317	361.444	-0.0166	2	0	2	151.233	169.911	-6.2315
4	0	2	315.468	305.289	2.1372	6	0	2	376.372	342.603	6.1454
8	0	2	37.637	29.611	2.3792	10	0	2	236.088	241.232	-1.3448
14	0	2	33.531	33.799	-0.0540	16	0	2	97.857	99.538	-0.4760
18	0	2	124.545	118.898	1.5899	1	1	2	84.171	88.885	-1.1677
2	1	2	45.165	42.211	0.9182	3	1	2	56.798	63.125	-1.9927
4	1	2	82.118	78.173	1.3250	5	1	2	60.904	43.589	6.2629
6	1	2	148.496	166.612	-6.2436	7	1	2	231.982	231.362	0.1698
8	1	2	108.121	108.542	-0.1551	9	1	2	70.484	75.457	-1.5831
10	1	2	285.358	282.644	0.6238	11	1	2	91.698	86.375	1.7478
12	1	2	330.523	335.316	-0.9713	13	1	2	138.231	133.716	1.3921
14	1	2	41.059	41.266	-0.0517	15	1	2	42.427	41.285	0.2696
18	1	2	94.435	91.906	0.7620	2	2	2	281.937	281.695	0.0393
3	2	2	101.278	107.112	-2.0251	4	2	2	188.870	196.270	-2.2341
5	2	2	682.944	711.534	-2.9463	6	2	2	61.588	55.497	2.2478
7	2	2	95.120	92.571	0.9334	8	2	2	180.659	180.361	0.0938
9	2	2	851.970	872.993	-1.7841	10	2	2	189.555	185.359	1.2564
11	2	2	216.927	216.318	0.1668	12	2	2	55.429	57.509	-0.6737
13	2	2	133.441	138.006	-1.3868	14	2	2	151.233	151.050	0.0555
16	2	2	60.220	64.124	-1.1299	17	2	2	28.741	31.216	-0.3562
18	2	2	41.743	43.232	-0.2968	19	2	2	93.067	91.035	0.6611
4	3	2	845.811	883.894	-3.2131	5	3	2	21.214	9.355	1.7884
7	3	2	197.082	199.964	-0.8629	9	3	2	69.800	70.366	-0.2152
10	3	2	65.694	66.336	-0.2219	11	3	2	45.849	46.147	-0.0898
12	3	2	176.553	179.466	-0.8600	13	3	2	26.004	6.588	2.4208
14	3	2	130.019	131.954	-0.5841	16	3	2	44.480	48.729	-0.9582
17	3	2	30.110	35.498	-0.6335	18	3	2	361.317	363.559	-0.4194
4	4	2	103.331	96.892	1.6225	5	4	2	44.480	44.044	0.1482
6	4	2	262.092	266.195	-1.0162	7	4	2	60.904	59.024	0.8032
8	4	2	295.623	292.070	0.7988	9	4	2	36.269	32.428	1.0836
10	4	2	77.327	78.113	-0.3004	11	4	2	559.768	564.992	-0.6768
12	4	2	73.221	73.977	-0.2840	13	4	2	61.588	64.347	-0.8979
14	4	2	75.274	71.708	1.1478	15	4	2	32.163	17.425	2.1776
16	4	2	41.059	35.228	1.2699	19	4	2	140.284	139.622	0.1789
5	5	2	90.329	97.977	-1.9606	6	5	2	109.490	103.923	2.0186
7	5	2	39.006	42.085	-0.9574	8	5	2	80.749	81.367	-0.2042
10	5	2	200.504	200.357	0.0418	11	5	2	132.072	139.169	-2.2544
12	5	2	276.462	273.768	0.6221	13	5	2	47.902	50.936	-0.8430
14	5	2	159.445	159.031	0.1195	15	5	2	34.216	27.167	1.3446
16	5	2	275.094	276.736	-0.3686	17	5	2	82.802	82.512	0.0958
18	5	2	83.486	82.441	0.3327	19	5	2	84.855	81.029	1.1894
6	6	2	218.296	219.359	-0.2099	7	6	2	49.955	49.764	0.0706
8	6	2	137.547	145.704	-2.7403	9	6	2	48.586	49.206	-0.2013
10	6	2	137.547	140.413	-0.9246	11	6	2	48.586	49.676	-0.3180
12	6	2	103.331	104.838	-0.4512	13	6	2	409.903	419.323	-1.6025
14	6	2	111.543	114.356	-0.8076	15	6	2	78.696	79.416	-0.2466
17	6	2	28.057	20.855	0.9065	19	6	2	121.808	118.105	0.9559
8	7	2	67.747	69.194	-0.5808	9	7	2	35.584	33.635	0.4803
10	7	2	130.704	128.212	0.7917	11	7	2	67.063	67.360	-0.1088
12	7	2	183.396	182.174	0.3481	14	7	2	194.345	193.700	0.1756
16	7	2	172.447	170.844	0.4361	18	7	2	56.798	48.585	2.0873

8	8	2	80.065	78.074	0.4476	10	8	2	34.216	32.297	0.4222
11	8	2	39.006	40.539	-0.3468	12	8	2	73.221	73.089	0.0452
13	8	2	379.794	383.420	-0.6543	14	8	2	88.276	81.329	2.2265
15	8	2	84.171	86.670	-0.8397	16	8	2	173.815	175.020	-0.3212
17	8	2	156.708	159.812	-0.8279	18	8	2	43.796	43.896	-0.0191
9	9	2	36.953	46.015	-1.4715	10	9	2	247.037	255.239	-2.0315
11	9	2	27.373	22.647	0.8030	12	9	2	403.745	403.834	-0.0153
13	9	2	35.584	36.040	-0.0868	14	9	2	175.868	170.824	1.3909
15	9	2	56.114	54.428	0.4536	16	9	2	308.625	311.772	-0.6532
10	10	2	38.322	30.778	1.2114	11	10	2	432.486	437.469	-0.8110
12	10	2	62.957	61.609	0.3954	13	10	2	169.710	168.159	0.4301
14	10	2	86.908	88.689	-0.6096	15	10	2	27.373	18.275	1.2746
16	10	2	134.125	133.146	0.2578	17	10	2	57.482	53.789	0.9386
12	11	2	45.165	51.949	-1.5786	15	11	2	52.008	50.050	0.4621
16	11	2	212.137	210.401	0.4321	12	12	2	112.912	119.105	-1.2067
14	12	2	59.535	58.263	0.3375	15	12	2	49.955	53.706	-0.8121
13	13	2	90.329	88.208	0.4999	14	13	2	88.961	87.411	0.4281
15	13	2	65.694	63.226	0.6464	3	0	3	30.794	40.752	-2.2666
5	0	3	458.490	427.982	4.6682	7	0	3	30.110	36.553	-1.6067
9	0	3	61.588	64.810	-1.2554	11	0	3	160.814	160.101	0.2215
13	0	3	135.494	140.118	-1.4047	15	0	3	194.345	200.618	-1.7167
17	0	3	95.804	97.438	-0.4197	19	0	3	129.335	126.726	0.7010
3	1	3	182.712	175.360	2.2521	5	1	3	120.439	112.966	2.6637
6	1	3	173.131	167.862	1.6886	7	1	3	294.939	294.926	0.0030
8	1	3	78.696	81.520	-0.9664	9	1	3	103.331	97.027	2.2092
10	1	3	178.606	179.426	-0.2512	11	1	3	30.794	33.943	-0.6611
12	1	3	26.688	19.766	1.2412	13	1	3	153.286	153.741	-0.1374
14	1	3	63.641	61.894	0.5685	15	1	3	125.914	127.518	-0.4669
16	1	3	70.484	70.918	-0.1334	18	1	3	33.531	34.630	-0.1786
19	1	3	138.231	140.092	-0.4900	3	2	3	201.188	189.536	3.3919
4	2	3	147.812	141.831	2.0279	5	2	3	211.453	206.561	1.4043
6	2	3	331.207	322.280	1.8271	7	2	3	65.010	55.604	3.6458
8	2	3	56.114	60.075	-1.5521	9	2	3	107.437	107.710	-0.0950
10	2	3	255.249	257.683	-0.6061	11	2	3	46.533	45.663	0.2595
12	2	3	94.435	95.875	-0.4505	13	2	3	54.061	59.476	-1.6486
15	2	3	36.269	35.934	0.0692	16	2	3	60.220	58.246	0.5556
17	2	3	40.374	39.662	0.1184	18	2	3	102.647	104.885	-0.5818
19	2	3	100.594	100.608	-0.0042	4	3	3	25.320	33.890	-1.7789
5	3	3	240.194	232.339	2.0681	6	3	3	425.643	409.702	2.6262
7	3	3	99.910	96.661	1.1898	8	3	3	117.018	120.126	-1.1271
9	3	3	91.014	90.368	0.2224	10	3	3	59.535	55.312	1.5863
11	3	3	82.118	79.914	0.6709	12	3	3	93.751	92.615	0.3533
13	3	3	107.437	109.078	-0.4844	14	3	3	186.133	187.130	-0.2800
15	3	3	26.688	14.754	1.5461	16	3	3	196.398	199.202	-0.7425
18	3	3	55.429	56.597	-0.2825	19	3	3	141.653	137.944	0.9891
5	4	3	223.086	222.642	0.1231	7	4	3	50.639	45.579	1.9409
9	4	3	63.641	58.422	2.0614	10	4	3	89.645	88.621	0.3362
11	4	3	156.023	156.294	-0.0847	12	4	3	164.919	166.481	-0.4716
13	4	3	52.008	49.780	0.6643	14	4	3	58.851	56.778	0.6221
15	4	3	198.451	201.755	-0.8811	16	4	3	82.118	78.547	1.2192
17	4	3	144.390	144.976	-0.1646	18	4	3	87.592	87.046	0.1805
19	4	3	91.698	84.709	2.2596	6	5	3	54.061	47.399	2.6967
7	5	3	44.480	40.426	1.3525	8	5	3	147.812	152.145	-1.4326
9	5	3	94.435	96.325	-0.6205	10	5	3	59.535	51.031	3.1702
11	5	3	123.861	123.116	0.2350	12	5	3	80.749	81.889	-0.3210

13	5	3	164.235	162.310	0.5558	14	5	3	89.645	82.289	2.0131
15	5	3	98.541	103.737	-1.4034	16	5	3	156.708	159.546	-0.7872
17	5	3	97.172	99.150	-0.5123	18	5	3	99.225	96.846	0.5894
19	5	3	80.065	83.644	-1.0276	7	6	3	181.343	183.596	-0.6903
8	6	3	174.500	175.928	-0.4403	9	6	3	146.443	147.851	-0.4512
10	6	3	107.437	104.313	0.9946	11	6	3	85.539	89.389	-1.1163
12	6	3	115.649	114.047	0.4867	13	6	3	30.794	25.328	0.9636
14	6	3	41.743	46.616	-1.1075	15	6	3	37.637	36.918	0.1154
16	6	3	30.110	7.924	2.5349	17	6	3	73.906	72.068	0.5715
8	7	3	285.358	287.561	-0.5029	9	7	3	50.639	49.488	0.3633
10	7	3	99.910	92.131	2.4184	11	7	3	41.743	40.542	0.2940
12	7	3	76.643	75.070	0.5760	13	7	3	175.184	173.326	0.5192
14	7	3	49.955	51.905	-0.5045	15	7	3	44.480	49.541	-1.1004
16	7	3	36.269	31.951	0.7858	17	7	3	72.537	71.394	0.3355
18	7	3	82.802	82.452	0.1073	9	8	3	58.167	54.629	1.2105
10	8	3	36.953	35.995	0.2277	11	8	3	49.955	49.325	0.1763
12	8	3	130.704	135.312	-1.3413	13	8	3	95.120	94.846	0.0754
14	8	3	91.698	93.353	-0.4334	15	8	3	75.959	75.757	0.0642
16	8	3	60.904	62.790	-0.5040	17	8	3	186.817	188.625	-0.4667
18	8	3	45.849	41.867	0.7548	10	9	3	187.502	190.896	-0.9612
11	9	3	49.271	52.725	-0.9280	12	9	3	139.600	138.144	0.4297
13	9	3	38.322	37.492	0.1686	14	9	3	118.386	120.395	-0.5767
16	9	3	28.741	13.283	1.8592	17	9	3	80.065	78.259	0.5451
11	10	3	44.480	46.160	-0.3915	12	10	3	112.912	111.261	0.4674
13	10	3	184.080	184.965	-0.2408	14	10	3	171.078	170.955	0.0335
15	10	3	169.025	168.735	0.0784	16	10	3	78.696	76.674	0.6066
17	10	3	107.437	108.248	-0.2034	12	11	3	124.545	135.063	-2.9559
13	11	3	69.116	62.815	1.9591	14	11	3	72.537	72.150	0.1195
13	12	3	60.220	55.094	1.4572	14	12	3	79.380	79.071	0.0960
15	12	3	85.539	82.708	0.8936	14	13	3	104.016	105.491	-0.3763
0	0	4	1608.820	1686.885	-2.4533	2	0	4	97.857	106.659	-3.1374
4	0	4	358.580	376.613	-3.4492	6	0	4	160.814	165.081	-1.4108
8	0	4	683.629	692.875	-0.9827	10	0	4	178.606	175.516	0.9387
12	0	4	234.035	235.903	-0.4797	14	0	4	497.496	495.313	0.3143
18	0	4	30.110	21.622	1.0702	1	1	4	251.143	262.662	-2.0528
2	1	4	49.955	47.545	0.8467	3	1	4	221.717	235.337	-3.7272
4	1	4	302.466	289.145	2.9451	5	1	4	30.794	12.310	4.8669
6	1	4	181.343	176.837	1.4099	7	1	4	558.399	566.621	-1.0585
8	1	4	36.953	30.273	1.8881	9	1	4	179.974	178.646	0.4094
10	1	4	28.741	30.660	-0.2876	11	1	4	364.054	370.569	-1.2300
12	1	4	81.433	91.498	-2.8503	13	1	4	369.529	374.803	-0.9730
15	1	4	137.547	133.938	1.0654	16	1	4	53.376	47.820	1.4631
17	1	4	184.080	182.346	0.4566	18	1	4	65.694	64.153	0.4058
19	1	4	73.906	68.640	1.5147	2	2	4	728.109	748.906	-1.4403
3	2	4	150.549	139.320	3.7722	4	2	4	110.174	102.177	2.9512
5	2	4	161.498	156.728	1.5915	6	2	4	241.563	238.686	0.7533
7	2	4	37.637	36.359	0.3655	8	2	4	164.235	167.153	-0.9351
9	2	4	71.853	70.225	0.6052	10	2	4	28.057	28.613	-0.1117
11	2	4	86.908	94.468	-2.2502	12	2	4	162.867	163.848	-0.2962
13	2	4	36.269	12.381	5.4288	14	2	4	69.800	69.488	0.1040
15	2	4	51.323	51.069	0.0669	16	2	4	275.094	277.305	-0.4964
17	2	4	87.592	85.131	0.7309	18	2	4	198.451	194.757	0.9420
19	2	4	91.014	92.448	-0.4597	3	3	4	386.637	395.458	-1.1113
4	3	4	192.976	184.787	2.4880	5	3	4	135.494	143.525	-2.8142
7	3	4	521.447	528.130	-0.9179	8	3	4	43.112	39.276	1.2482

9	3	4	72.537	72.894	-0.1299	10	3	4	75.959	78.408	-0.7290
11	3	4	193.661	194.761	-0.3158	12	3	4	42.427	33.852	2.2298
13	3	4	148.496	152.236	-1.1201	14	3	4	42.427	43.318	-0.2079
15	3	4	271.672	270.998	0.1550	16	3	4	28.741	25.712	0.3942
17	3	4	264.829	260.638	0.9674	4	4	4	29.425	27.481	0.3466
5	4	4	32.847	31.623	0.3281	6	4	4	130.704	131.292	-0.2096
7	4	4	81.433	77.341	1.3747	8	4	4	457.121	465.559	-1.3062
9	4	4	103.331	112.736	-3.0883	10	4	4	210.084	210.024	0.0168
12	4	4	121.123	121.991	-0.2696	13	4	4	138.231	140.708	-0.7525
14	4	4	82.118	81.997	0.0424	15	4	4	28.057	17.042	1.3618
16	4	4	94.435	87.411	1.8732	17	4	4	183.396	181.588	0.4785
18	4	4	38.322	37.396	0.1665	19	4	4	67.747	66.408	0.3481
5	5	4	239.510	252.714	-2.4738	6	5	4	52.008	50.448	0.6029
7	5	4	335.998	337.041	-0.2115	9	5	4	691.841	700.801	-0.9475
10	5	4	45.849	46.248	-0.1123	11	5	4	125.914	132.723	-2.1307
12	5	4	36.953	32.493	0.9655	13	5	4	112.227	114.477	-0.6601
15	5	4	60.904	56.900	1.1940	16	5	4	60.904	58.425	0.6745
17	5	4	104.700	104.588	0.0282	18	5	4	68.431	66.559	0.5332
6	6	4	723.319	732.262	-0.6375	7	6	4	234.035	235.793	-0.4629
8	6	4	237.457	238.225	-0.1972	9	6	4	67.063	66.939	0.0478
10	6	4	177.921	179.280	-0.4011	11	6	4	75.274	76.330	-0.3936
12	6	4	124.545	128.024	-1.0417	14	6	4	246.353	242.917	0.8353
15	6	4	30.110	23.130	0.8674	16	6	4	179.290	178.003	0.3407
17	6	4	42.427	42.219	0.0416	18	6	4	87.592	84.890	0.7713
7	7	4	843.074	847.202	-0.2556	8	7	4	186.133	188.425	-0.6820
9	7	4	116.333	117.334	-0.3185	10	7	4	116.333	120.411	-1.2761
11	7	4	364.054	364.419	-0.0682	12	7	4	39.006	38.671	0.0750
13	7	4	111.543	114.730	-0.9026	14	7	4	49.955	46.983	0.7632
15	7	4	289.464	285.743	0.8092	16	7	4	69.800	69.504	0.0876
17	7	4	165.604	162.149	0.9096	18	7	4	61.588	57.993	0.9136
8	8	4	66.378	72.835	-1.6850	9	8	4	58.851	62.994	-1.3484
10	8	4	147.812	152.052	-1.2884	11	8	4	69.116	73.231	-1.4286
12	8	4	106.753	108.569	-0.5288	14	8	4	74.590	72.344	0.7426
15	8	4	40.374	42.960	-0.5100	16	8	4	59.535	56.046	0.8930
17	8	4	62.272	62.208	0.0164	9	9	4	314.100	317.361	-0.4864
10	9	4	59.535	60.549	-0.3159	11	9	4	145.074	145.199	-0.0367
12	9	4	69.800	71.195	-0.4442	13	9	4	30.794	31.058	-0.0441
14	9	4	37.637	38.164	-0.1005	15	9	4	47.902	48.657	-0.1660
16	9	4	36.953	30.434	1.1013	10	10	4	392.796	389.640	0.3908
11	10	4	34.216	30.759	0.5380	12	10	4	251.143	254.968	-0.9132
13	10	4	35.584	38.139	-0.4632	14	10	4	263.460	263.674	-0.0490
16	10	4	78.696	74.524	1.2598	11	11	4	29.425	7.834	2.4649
12	11	4	38.322	38.406	-0.0154	13	11	4	103.331	103.325	0.0017
14	11	4	67.063	63.569	1.0110	15	11	4	195.029	194.073	0.2439
16	11	4	52.008	55.361	-0.7425	14	12	4	203.925	204.657	-0.1855
13	13	4	244.984	241.182	0.6313	14	13	4	73.906	72.536	0.3814
1	0	5	245.668	232.974	3.2774	3	0	5	253.880	240.308	3.4196
5	0	5	306.572	307.071	-0.1085	9	0	5	44.480	45.741	-0.3845
13	0	5	106.753	114.612	-2.3201	15	0	5	257.302	255.038	0.5344
17	0	5	32.847	30.133	0.3669	19	0	5	154.655	151.468	0.8499
2	1	5	203.241	195.873	2.1619	3	1	5	453.015	436.192	2.6043
4	1	5	70.484	59.538	3.6856	5	1	5	243.616	242.519	0.2831
6	1	5	29.425	23.533	1.1511	7	1	5	67.063	67.255	-0.0830
8	1	5	83.486	84.612	-0.3696	9	1	5	146.443	145.911	0.1706
10	1	5	60.904	59.063	0.6594	11	1	5	204.610	203.447	0.3206

13	1	5	75.274	73.907	0.4334	14	1	5	144.390	145.664	-0.3708
18	1	5	57.482	57.341	0.0428	19	1	5	173.131	172.673	0.1168
5	2	5	41.743	46.435	-1.5036	6	2	5	196.398	197.795	-0.4157
7	2	5	93.067	96.207	-1.1005	8	2	5	37.637	35.820	0.5012
9	2	5	171.763	173.495	-0.5339	10	2	5	108.806	105.520	1.0695
11	2	5	117.018	124.325	-2.2866	12	2	5	86.223	90.858	-1.3201
13	2	5	47.218	44.214	0.7741	15	2	5	30.110	12.969	2.3993
17	2	5	62.272	60.829	0.3988	18	2	5	142.337	140.793	0.4088
4	3	5	195.029	193.802	0.3706	5	3	5	91.698	96.381	-1.6690
7	3	5	197.082	203.979	-2.0361	8	3	5	117.702	119.539	-0.6229
9	3	5	158.761	160.387	-0.5089	10	3	5	166.972	167.107	-0.0407
11	3	5	66.378	67.956	-0.5666	13	3	5	128.651	129.618	-0.2920
14	3	5	58.851	63.207	-1.2289	15	3	5	64.325	69.181	-1.4050
17	3	5	47.902	49.627	-0.3867	18	3	5	84.171	86.209	-0.6339
5	4	5	52.692	54.233	-0.5956	6	4	5	156.708	156.607	0.0332
7	4	5	80.749	81.489	-0.2430	8	4	5	25.320	28.519	-0.4652
10	4	5	210.084	213.270	-0.8783	11	4	5	72.537	73.012	-0.1730
12	4	5	184.765	187.418	-0.7515	13	4	5	69.116	67.364	0.5937
14	4	5	106.753	100.386	1.8386	15	4	5	49.271	48.356	0.2221
16	4	5	119.755	120.231	-0.1320	17	4	5	41.743	41.208	0.0988
18	4	5	34.216	30.029	0.6460	6	5	5	152.602	156.318	-1.2203
7	5	5	51.323	52.472	-0.3997	9	5	5	47.218	49.384	-0.6597
10	5	5	264.145	263.276	0.2063	11	5	5	81.433	79.480	0.6533
12	5	5	97.172	97.261	-0.0268	13	5	5	171.763	175.981	-1.1787
14	5	5	29.425	23.851	0.7146	15	5	5	101.963	102.418	-0.1199
16	5	5	78.012	76.012	0.6256	17	5	5	72.537	69.008	1.0211
18	5	5	43.796	44.535	-0.1421	8	6	5	195.714	199.280	-1.0299
9	6	5	139.600	143.184	-1.1214	10	6	5	116.333	112.390	1.2444
11	6	5	32.163	30.240	0.3876	12	6	5	203.925	206.577	-0.7070
13	6	5	70.484	69.106	0.4486	15	6	5	98.541	102.077	-0.9430
16	6	5	33.531	18.021	2.6264	17	6	5	82.802	79.094	1.1882
18	6	5	50.639	51.939	-0.2757	9	7	5	150.549	154.451	-1.1855
11	7	5	112.912	113.811	-0.2654	12	7	5	89.645	92.200	-0.6993
13	7	5	107.437	108.142	-0.2007	14	7	5	62.272	57.900	1.2653
15	7	5	34.900	41.998	-0.9758	16	7	5	51.323	46.674	1.0995
17	7	5	79.380	75.195	1.2741	9	8	5	145.074	149.468	-1.3461
10	8	5	91.014	87.159	1.1472	12	8	5	114.280	113.762	0.1543
13	8	5	139.600	139.230	0.1053	14	8	5	121.123	122.364	-0.3466
16	8	5	96.488	95.605	0.2672	17	8	5	85.539	84.632	0.2889
10	9	5	173.131	176.975	-1.0948	11	9	5	87.592	93.931	-1.6482
12	9	5	97.172	94.590	0.7120	14	9	5	67.063	68.154	-0.3247
15	9	5	64.325	61.034	0.9074	16	9	5	46.533	50.693	-0.8514
11	10	5	33.531	35.724	-0.4109	12	10	5	69.800	65.641	1.2821
13	10	5	87.592	84.086	1.1971	15	10	5	68.431	63.392	1.4081
16	10	5	76.643	78.877	-0.6376	12	11	5	91.014	96.466	-1.8616
14	11	5	36.269	35.738	0.0906	14	12	5	82.802	79.317	1.0767
0	0	6	229.245	214.128	2.8689	2	0	6	423.590	422.463	0.1863
4	0	6	186.133	182.589	1.0927	6	0	6	253.196	250.018	0.8008
8	0	6	107.437	102.452	1.6483	10	0	6	40.374	41.018	-0.1619
12	0	6	210.084	210.252	-0.0445	14	0	6	151.917	148.827	0.8925
16	0	6	109.490	115.616	-1.5929	1	1	6	75.959	82.510	-1.5956
2	1	6	190.923	178.343	3.8220	3	1	6	121.808	127.632	-2.0965
4	1	6	64.325	61.761	1.0830	5	1	6	117.018	122.652	-1.9887
6	1	6	503.654	500.897	0.3904	7	1	6	119.755	115.765	1.3656
8	1	6	46.533	49.581	-0.9396	10	1	6	160.129	155.085	1.5552

11	1	6	127.282	130.191	-0.8966	12	1	6	130.704	130.616	0.0269
13	1	6	73.221	77.192	-1.3556	14	1	6	41.743	35.195	1.4498
17	1	6	43.796	47.053	-0.6703	18	1	6	34.216	16.496	2.3909
2	2	6	82.118	83.982	-0.4617	3	2	6	35.584	37.213	-0.4465
4	2	6	57.482	47.937	3.8640	5	2	6	738.374	734.374	0.3936
6	2	6	230.613	226.145	1.2004	7	2	6	43.796	41.487	0.7030
8	2	6	105.384	101.896	1.1639	9	2	6	581.666	591.930	-1.2776
10	2	6	46.533	40.768	1.6649	11	2	6	38.322	34.300	0.9359
12	2	6	101.963	105.931	-1.1644	13	2	6	125.229	123.221	0.5929
14	2	6	30.110	19.606	1.5063	15	2	6	51.323	50.237	0.2682
16	2	6	63.641	61.212	0.6932	17	2	6	97.172	95.227	0.4819
18	2	6	156.023	159.217	-0.8410	3	3	6	104.700	91.032	3.5042
4	3	6	782.170	780.405	0.1650	5	3	6	166.288	167.342	-0.3376
6	3	6	277.831	281.687	-0.9001	7	3	6	87.592	87.017	0.1830
9	3	6	42.427	44.261	-0.4954	10	3	6	80.749	76.539	1.2453
11	3	6	69.800	68.274	0.5438	12	3	6	174.500	175.584	-0.3112
13	3	6	41.743	34.698	1.2902	14	3	6	143.706	146.247	-0.7296
15	3	6	130.704	126.472	1.1893	16	3	6	30.110	31.735	-0.1857
17	3	6	29.425	25.144	0.4854	18	3	6	319.574	323.833	-0.8550
4	4	6	65.010	64.125	0.2638	5	4	6	47.218	46.350	0.2943
6	4	6	215.559	215.919	-0.0994	7	4	6	67.063	68.248	-0.4669
8	4	6	74.590	72.599	0.7045	10	4	6	78.696	78.267	0.1411
11	4	6	524.184	527.384	-0.4396	12	4	6	127.282	125.856	0.4244
13	4	6	94.435	91.910	0.7095	14	4	6	51.323	52.159	-0.2164
16	4	6	78.696	77.763	0.2901	17	4	6	36.953	15.754	2.7834
18	4	6	80.065	79.342	0.2120	5	5	6	60.904	54.855	1.6678
6	5	6	51.323	41.760	3.2728	7	5	6	99.225	102.386	-1.0450
8	5	6	241.563	240.679	0.2242	9	5	6	121.123	120.161	0.3085
10	5	6	34.900	28.776	1.3257	12	5	6	231.982	230.043	0.4887
13	5	6	28.057	21.040	0.9468	14	5	6	89.645	91.072	-0.4872
16	5	6	271.672	272.387	-0.1597	17	5	6	30.794	3.400	3.4480
6	6	6	107.437	102.422	1.2014	7	6	6	130.019	132.536	-0.8119
8	6	6	117.702	112.589	1.6385	9	6	6	110.859	113.994	-0.9810
10	6	6	44.480	40.159	1.1316	11	6	6	83.486	81.636	0.6202
12	6	6	143.706	147.138	-1.0215	13	6	6	273.041	278.004	-1.1333
16	6	6	156.708	152.167	1.2266	17	6	6	117.702	115.055	0.6920
7	7	6	78.012	77.866	0.0305	8	7	6	39.690	42.770	-0.7953
9	7	6	95.804	98.718	-0.8726	10	7	6	98.541	99.219	-0.1973
12	7	6	52.692	53.008	-0.0832	13	7	6	147.127	148.689	-0.4424
14	7	6	248.406	253.094	-1.1141	15	7	6	64.325	61.549	0.7698
16	7	6	143.706	140.650	0.8148	8	8	6	53.376	55.832	-0.5437
9	8	6	33.531	30.904	0.5038	10	8	6	170.394	177.314	-1.9711
11	8	6	31.478	3.706	3.6795	12	8	6	30.794	34.819	-0.6317
13	8	6	180.659	178.891	0.4773	14	8	6	67.747	59.157	2.5565
15	8	6	69.800	72.020	-0.6228	9	9	6	110.174	106.226	0.8485
10	9	6	110.859	112.049	-0.3372	11	9	6	58.167	58.050	0.0334
12	9	6	229.929	230.466	-0.1330	13	9	6	77.327	74.522	0.9071
14	9	6	182.027	183.025	-0.2642	15	9	6	36.953	43.767	-0.9271
16	9	6	153.286	152.609	0.1791	11	10	6	335.998	341.552	-1.0938
14	10	6	173.131	169.417	0.9977	15	10	6	59.535	54.319	1.3119
11	11	6	60.904	53.187	1.5883	12	11	6	36.269	9.046	3.6698
12	12	6	85.539	88.105	-0.5860	13	12	6	54.745	54.441	0.0721
14	12	6	94.435	90.242	1.1875	13	13	6	101.278	92.194	1.5436
1	0	7	181.343	180.191	0.3581	3	0	7	52.008	46.222	2.1567
5	0	7	37.637	34.620	0.8335	9	0	7	60.220	64.624	-1.4595

11	0	7	99.910	95.908	1.2009	13	0	7	132.072	135.541	-1.0016
15	0	7	204.610	203.004	0.4175	17	0	7	101.278	96.700	1.1476
2	1	7	119.755	119.270	0.1712	3	1	7	86.908	85.509	0.4787
5	1	7	26.004	11.590	2.3172	6	1	7	92.382	94.368	-0.6781
7	1	7	224.455	231.392	-1.8739	8	1	7	170.394	174.965	-1.3688
9	1	7	132.757	136.920	-1.3139	10	1	7	317.521	322.666	-1.0680
11	1	7	58.851	61.705	-0.8798	12	1	7	43.796	48.006	-1.0169
13	1	7	29.425	33.157	-0.5111	14	1	7	190.923	188.205	0.7302
15	1	7	99.910	98.275	0.4280	17	1	7	34.900	32.166	0.4419
3	2	7	36.269	42.597	-1.7483	4	2	7	130.704	127.550	1.0768
5	2	7	27.373	28.538	-0.2342	6	2	7	80.749	81.227	-0.1519
7	2	7	125.914	124.745	0.3804	8	2	7	201.188	207.984	-1.9100
10	2	7	72.537	68.845	1.3763	11	2	7	100.594	100.359	0.0704
12	2	7	83.486	81.361	0.7784	13	2	7	78.012	76.256	0.6168
15	2	7	87.592	88.992	-0.4780	16	2	7	72.537	70.437	0.6262
4	3	7	69.800	71.858	-0.7692	5	3	7	113.596	110.416	1.0961
6	3	7	97.172	98.154	-0.3222	7	3	7	99.910	98.539	0.4502
8	3	7	184.765	181.635	0.9239	10	3	7	180.659	185.459	-1.3780
12	3	7	31.478	24.787	0.9070	13	3	7	145.074	148.357	-0.9556
14	3	7	134.810	138.313	-0.9846	15	3	7	58.167	53.873	1.1449
16	3	7	78.696	75.812	0.8988	17	3	7	66.378	66.562	-0.0495
6	4	7	192.292	197.479	-1.5099	7	4	7	112.912	109.773	1.0124
8	4	7	26.004	33.742	-1.0759	9	4	7	140.284	143.933	-1.1417
10	4	7	117.018	112.954	1.2474	11	4	7	49.955	50.152	-0.0537
14	4	7	36.269	26.169	1.9069	15	4	7	82.802	82.239	0.1817
16	4	7	119.755	118.750	0.2678	17	4	7	58.167	53.517	1.1478
6	5	7	84.855	87.921	-0.9596	8	5	7	52.692	47.689	1.4682
10	5	7	70.484	67.523	1.0555	11	5	7	49.271	49.235	0.0094
12	5	7	50.639	52.189	-0.3945	13	5	7	58.167	59.983	-0.4952
14	5	7	70.484	73.942	-1.0291	15	5	7	29.425	20.865	1.1100
16	5	7	136.863	131.113	1.5734	17	5	7	132.072	128.976	0.7896
7	6	7	103.331	101.345	0.6215	8	6	7	178.606	180.990	-0.6940
9	6	7	44.480	43.933	0.1430	11	6	7	58.851	56.733	0.6407
12	6	7	43.112	49.261	-1.3783	13	6	7	45.849	47.056	-0.2684
8	7	7	177.921	185.881	-2.2541	9	7	7	26.688	18.766	1.0402
10	7	7	203.241	206.014	-0.7490	11	7	7	47.218	49.217	-0.5055
12	7	7	78.012	79.512	-0.4984	13	7	7	229.245	224.971	1.0586
14	7	7	86.908	84.161	0.9249	15	7	7	32.847	27.674	0.7166
16	7	7	93.067	85.928	2.3028	10	8	7	32.163	15.285	2.4039
11	8	7	85.539	85.840	-0.1054	12	8	7	56.798	57.388	-0.1573
14	8	7	55.429	55.008	0.0994	15	8	7	49.271	47.590	0.3720
16	8	7	48.586	47.380	0.2501	10	9	7	137.547	140.053	-0.7252
11	9	7	45.849	47.237	-0.3225	12	9	7	128.651	132.877	-1.1718
13	9	7	54.745	57.127	-0.5929	11	10	7	39.006	39.731	-0.1411
13	10	7	58.851	50.667	2.2146	14	10	7	137.547	141.246	-0.9863
12	11	7	45.165	43.290	0.3987	13	11	7	62.957	64.529	-0.4139
13	12	7	95.120	94.599	0.1708	0	0	8	1100.375	1142.940	-1.9936
2	0	8	80.065	75.442	1.4911	4	0	8	130.019	130.323	-0.0998
6	0	8	149.180	151.013	-0.5783	8	0	8	49.271	55.216	-1.7803
10	0	8	74.590	79.711	-1.7946	12	0	8	66.378	65.245	0.3608
14	0	8	359.264	360.894	-0.3050	16	0	8	259.354	248.157	2.5568
1	1	8	178.606	179.289	-0.1469	3	1	8	36.953	33.267	0.9901
4	1	8	25.320	20.627	0.6385	5	1	8	331.892	336.783	-0.9914
6	1	8	121.808	118.717	0.9993	8	1	8	90.329	91.849	-0.4551
9	1	8	289.464	288.807	0.1461	10	1	8	60.220	58.500	0.5300

11	1	8	72.537	68.625	1.3359	12	1	8	34.216	30.859	0.5052
13	1	8	86.908	87.896	-0.3413	15	1	8	397.586	398.292	-0.1221
16	1	8	42.427	41.029	0.2769	2	2	8	31.478	32.503	-0.1664
3	2	8	38.322	37.402	0.2404	4	2	8	69.116	68.083	0.4225
5	2	8	88.961	91.138	-0.6813	6	2	8	514.603	521.497	-0.9630
7	2	8	91.014	92.345	-0.4139	8	2	8	111.543	107.680	1.2089
9	2	8	65.010	64.832	0.0607	10	2	8	316.153	319.072	-0.6060
11	2	8	132.072	138.523	-1.8777	12	2	8	47.218	47.882	-0.1599
13	2	8	40.374	37.966	0.5057	14	2	8	187.502	179.949	1.9994
15	2	8	31.478	37.791	-0.9670	16	2	8	264.145	261.796	0.5247
17	2	8	39.006	45.127	-0.8761	3	3	8	184.080	185.709	-0.3400
4	3	8	49.271	47.371	0.5996	5	3	8	119.070	117.119	0.6408
6	3	8	171.078	174.590	-1.0515	7	3	8	35.584	9.734	4.6636
9	3	8	284.674	286.479	-0.4103	10	3	8	133.441	132.841	0.1838
11	3	8	277.147	275.019	0.4806	12	3	8	80.749	78.548	0.7639
13	3	8	27.373	11.823	1.9863	15	3	8	114.280	117.705	-0.8904
16	3	8	77.327	78.400	-0.3219	4	4	8	669.942	668.978	0.0746
5	4	8	132.072	132.646	-0.1884	6	4	8	29.425	30.527	-0.2156
7	4	8	40.374	38.104	0.5760	8	4	8	24.635	4.915	2.7817
9	4	8	37.637	36.524	0.2550	10	4	8	62.272	60.223	0.6467
11	4	8	92.382	91.027	0.3687	12	4	8	179.290	185.699	-1.7539
13	4	8	63.641	65.424	-0.5118	14	4	8	67.063	71.796	-1.3975
16	4	8	188.186	181.393	1.7445	5	5	8	47.902	44.420	0.7594
6	5	8	56.114	52.056	1.3537	7	5	8	44.480	38.000	1.6881
8	5	8	82.802	81.265	0.5105	9	5	8	284.674	288.598	-0.8807
10	5	8	79.380	79.381	-0.0002	11	5	8	75.274	78.348	-1.0255
12	5	8	116.333	115.635	0.1966	13	5	8	335.998	329.801	1.2204
14	5	8	80.749	81.073	-0.1023	15	5	8	47.218	44.221	0.6421
16	5	8	63.641	66.648	-0.7682	6	6	8	176.553	177.103	-0.1149
7	6	8	25.320	17.845	1.1584	8	6	8	159.445	165.926	-1.9018
10	6	8	129.335	127.580	0.5069	11	6	8	72.537	70.271	0.7492
12	6	8	136.178	131.598	1.3149	13	6	8	32.163	20.557	1.9294
14	6	8	64.325	50.556	3.6124	15	6	8	115.649	116.060	-0.1085
16	6	8	136.863	132.281	1.2129	7	7	8	836.915	841.347	-0.2792
8	7	8	29.425	25.927	0.4907	9	7	8	170.394	171.473	-0.3074
11	7	8	63.641	61.870	0.5096	12	7	8	45.165	44.061	0.2484
13	7	8	44.480	45.233	-0.1613	14	7	8	53.376	49.507	0.9255
15	7	8	171.078	171.163	-0.0223	8	8	8	352.421	353.747	-0.1794
9	8	8	56.114	55.480	0.1796	10	8	8	89.645	87.558	0.6587
12	8	8	220.349	216.628	0.9263	13	8	8	50.639	54.187	-0.8087
14	8	8	143.021	145.305	-0.6135	15	8	8	43.112	41.186	0.3499
9	9	8	67.747	66.121	0.3712	10	9	8	56.114	58.128	-0.5411
12	9	8	106.753	102.221	1.1934	13	9	8	232.666	232.364	0.0735
14	9	8	88.961	88.078	0.2834	10	10	8	32.847	3.186	3.8700
12	10	8	193.661	187.459	1.6213	11	11	8	165.604	164.292	0.2556
13	11	8	144.390	142.142	0.5878	12	12	8	207.347	208.608	-0.2221
1	0	9	146.443	146.869	-0.1355	3	0	9	46.533	49.381	-0.8034
5	0	9	67.747	67.918	-0.0619	7	0	9	50.639	52.792	-0.6318
9	0	9	56.798	57.188	-0.1144	11	0	9	86.223	89.449	-0.9781
13	0	9	50.639	50.938	-0.0749	15	0	9	177.921	174.769	0.8241
2	1	9	37.637	42.274	-1.1408	3	1	9	199.819	198.403	0.4012
4	1	9	106.069	111.002	-1.5706	5	1	9	201.872	205.962	-1.1340
6	1	9	78.012	80.145	-0.8097	7	1	9	61.588	60.752	0.2704
9	1	9	113.596	113.183	0.1201	10	1	9	98.541	100.582	-0.5824
11	1	9	86.223	86.226	-0.0006	13	1	9	103.331	100.195	0.8646

14	1	9	86.223	83.334	0.9639	15	1	9	82.118	82.139	-0.0066
3	2	9	126.598	126.464	0.0424	4	2	9	134.810	136.881	-0.6596
6	2	9	226.508	228.152	-0.4275	8	2	9	136.863	140.876	-1.2192
9	2	9	66.378	64.414	0.6555	10	2	9	108.121	108.243	-0.0349
11	2	9	56.798	56.499	0.0841	12	2	9	61.588	60.497	0.3253
13	2	9	129.335	130.173	-0.2342	14	2	9	54.061	56.728	-0.6237
15	2	9	80.749	78.202	0.7818	16	2	9	65.010	63.443	0.4073
4	3	9	281.937	282.697	-0.1728	5	3	9	28.057	31.538	-0.5191
6	3	9	187.502	187.865	-0.1043	8	3	9	41.059	40.387	0.1595
10	3	9	61.588	61.183	0.1250	11	3	9	50.639	51.276	-0.1639
12	3	9	72.537	68.423	1.3068	13	3	9	88.961	89.929	-0.3314
15	3	9	64.325	60.283	1.1062	16	3	9	96.488	91.128	1.5035
5	4	9	44.480	40.615	1.0422	6	4	9	108.806	111.806	-0.9114
7	4	9	67.747	67.051	0.2398	8	4	9	78.696	80.187	-0.5502
9	4	9	45.165	42.426	0.6912	10	4	9	34.216	33.612	0.1152
11	4	9	103.331	104.798	-0.3969	12	4	9	54.061	59.019	-1.2492
14	4	9	50.639	44.812	1.3558	15	4	9	52.008	51.370	0.1459
6	5	9	110.859	108.074	0.8461	7	5	9	102.647	102.021	0.1811
8	5	9	30.110	26.025	0.6036	10	5	9	111.543	116.663	-1.4388
13	5	9	120.439	122.451	-0.5475	14	5	9	188.186	187.768	0.1080
15	5	9	52.692	48.193	0.9948	7	6	9	75.274	79.931	-1.5680
8	6	9	111.543	111.887	-0.0987	9	6	9	57.482	49.560	2.3388
10	6	9	103.331	105.620	-0.6228	11	6	9	99.910	107.789	-2.0489
12	6	9	135.494	139.012	-0.9627	13	6	9	30.110	34.365	-0.6269
14	6	9	36.269	29.857	0.8644	15	6	9	34.900	38.919	-0.5301
8	7	9	156.023	157.163	-0.3272	9	7	9	66.378	68.632	-0.6790
10	7	9	28.057	15.141	1.4980	11	7	9	71.853	68.421	1.0512
12	7	9	56.114	54.111	0.5160	13	7	9	41.743	31.925	1.6212
14	7	9	32.163	29.016	0.4682	9	8	9	97.857	92.715	1.4178
10	8	9	119.755	122.973	-0.9043	12	8	9	106.753	104.307	0.6406
13	8	9	64.325	62.159	0.5907	14	8	9	63.641	65.180	-0.3858
10	9	9	30.110	24.142	0.7550	11	9	9	34.900	39.807	-0.6982
12	9	9	124.545	123.603	0.2499	13	9	9	43.796	35.950	1.5579
11	10	9	30.110	22.578	0.9723	12	10	9	48.586	51.300	-0.5832
12	11	9	75.274	77.157	-0.5330	0	0	10	44.480	46.915	-0.4682
2	0	10	38.322	39.719	-0.3321	4	0	10	69.800	68.770	0.3696
6	0	10	238.825	238.819	0.0017	8	0	10	97.857	97.025	0.2442
10	0	10	247.721	249.891	-0.5214	12	0	10	36.953	20.210	2.3571
14	0	10	104.016	106.063	-0.4977	1	1	10	125.229	127.665	-0.5562
2	1	10	135.494	137.425	-0.6002	3	1	10	40.374	43.511	-0.7768
4	1	10	27.373	23.281	0.5950	5	1	10	54.745	51.480	0.9960
6	1	10	379.794	377.850	0.3506	7	1	10	38.322	30.415	1.7506
9	1	10	105.384	104.736	0.1860	10	1	10	128.651	124.556	1.2017
11	1	10	121.123	120.858	0.0745	12	1	10	80.065	77.827	0.7282
13	1	10	57.482	59.013	-0.3938	14	1	10	49.271	45.700	0.8051
15	1	10	80.749	74.088	2.0236	2	2	10	58.851	58.729	0.0279
3	2	10	134.810	136.619	-0.5578	4	2	10	166.972	166.804	0.0491
5	2	10	454.384	452.605	0.2766	6	2	10	60.220	57.533	0.8423
8	2	10	128.651	126.717	0.5586	9	2	10	378.425	379.468	-0.1891
11	2	10	37.637	43.546	-1.0930	12	2	10	91.014	92.314	-0.4367
13	2	10	83.486	77.576	1.9109	15	2	10	104.016	100.669	0.8289
3	3	10	73.906	72.755	0.2951	4	3	10	527.605	532.802	-0.7091
5	3	10	30.794	17.890	1.8726	6	3	10	226.508	231.122	-1.1914
7	3	10	43.112	42.069	0.2519	8	3	10	82.118	82.608	-0.1735
9	3	10	29.425	5.531	2.9318	10	3	10	71.853	68.309	1.1356

12	3	10	171.078	172.030	-0.2539	13	3	10	95.804	94.429	0.4196
14	3	10	75.274	75.014	0.0776	6	4	10	97.857	96.415	0.4005
7	4	10	82.118	83.025	-0.3258	8	4	10	51.323	54.032	-0.6872
10	4	10	65.010	59.872	1.5838	11	4	10	418.115	422.092	-0.6603
12	4	10	41.059	32.867	1.5918	13	4	10	103.331	102.327	0.2645
14	4	10	190.239	191.168	-0.2369	6	5	10	63.641	63.933	-0.0915
7	5	10	44.480	41.239	0.7188	8	5	10	164.235	162.628	0.4489
9	5	10	28.741	26.321	0.3186	10	5	10	90.329	93.983	-1.0987
12	5	10	192.976	195.723	-0.7091	13	5	10	48.586	54.736	-1.3353
14	5	10	84.855	81.717	0.9988	6	6	10	37.637	32.450	0.7980
7	6	10	124.545	123.871	0.1989	8	6	10	266.882	268.540	-0.3827
9	6	10	39.006	18.996	3.7926	10	6	10	31.478	32.390	-0.1454
12	6	10	58.167	55.840	0.5832	13	6	10	286.043	288.786	-0.5903
7	7	10	145.759	152.684	-1.3676	8	7	10	31.478	2.254	3.6130
9	7	10	104.700	104.518	0.0496	10	7	10	80.749	82.258	-0.5068
12	7	10	55.429	49.865	1.3946	13	7	10	44.480	43.127	0.2651
9	8	10	134.125	132.613	0.4170	10	8	10	79.380	81.104	-0.5405
12	8	10	76.643	78.238	-0.4689	13	8	10	188.870	185.725	0.5675
9	9	10	47.218	42.345	0.7656	10	9	10	119.755	120.261	-0.1317
11	9	10	34.900	26.582	1.1050	12	9	10	242.931	244.795	-0.4351
10	10	10	79.380	84.991	-1.1547	11	10	10	234.035	231.448	0.6118
1	0	11	218.980	223.071	-1.0714	3	0	11	198.451	205.954	-2.0687
7	0	11	56.114	58.264	-0.5818	9	0	11	47.218	49.122	-0.4376
11	0	11	27.373	27.335	0.0047	13	0	11	112.227	106.432	1.5068
2	1	11	112.912	114.369	-0.4337	3	1	11	39.690	46.217	-1.4108
4	1	11	111.543	113.620	-0.6047	5	1	11	108.806	112.179	-0.9685
6	1	11	45.165	43.187	0.4906	7	1	11	150.549	153.434	-0.8169
8	1	11	58.167	58.883	-0.2057	10	1	11	145.074	145.777	-0.1947
11	1	11	30.110	10.243	2.2522	12	1	11	115.649	110.663	1.3393
13	1	11	80.749	77.135	1.0979	4	2	11	69.116	63.274	1.9668
5	2	11	98.541	98.564	-0.0065	8	2	11	98.541	96.357	0.6022
10	2	11	119.070	118.326	0.2057	11	2	11	53.376	58.757	-1.2764
12	2	11	144.390	143.701	0.1877	13	2	11	49.955	47.051	0.6286
4	3	11	82.802	81.163	0.5942	5	3	11	92.382	97.705	-1.4485
6	3	11	45.849	40.830	1.2183	7	3	11	52.008	53.976	-0.5118
8	3	11	253.196	255.244	-0.4812	9	3	11	122.492	121.578	0.2519
12	3	11	38.322	33.691	0.6420	5	4	11	120.439	120.841	-0.1170
6	4	11	113.596	114.942	-0.3864	7	4	11	96.488	96.343	0.0391
8	4	11	34.900	23.442	2.1142	9	4	11	71.853	73.322	-0.4538
10	4	11	50.639	52.427	-0.4069	12	4	11	34.216	33.242	0.1598
7	5	11	30.794	29.472	0.2134	8	5	11	88.961	93.770	-1.4765
11	5	11	48.586	47.505	0.2417	13	5	11	59.535	56.960	0.6283
7	6	11	30.110	25.076	0.7736	8	6	11	36.953	32.740	0.7657
10	6	11	36.953	28.337	1.5411	11	6	11	35.584	30.007	0.8167
12	6	11	34.900	27.460	0.8978	8	7	11	117.018	114.465	0.7039
9	7	11	56.114	57.091	-0.2449	10	7	11	182.027	178.277	0.9753
11	7	11	34.900	33.285	0.2260	12	7	11	42.427	33.687	1.6675
9	8	11	51.323	46.692	1.1206	10	8	11	65.010	61.824	0.8527
11	8	11	73.906	64.346	2.8923	10	9	11	93.067	91.532	0.4993
0	0	12	511.182	512.047	-0.0866	2	0	12	115.649	120.044	-1.2544
4	0	12	375.003	370.346	0.8443	6	0	12	32.163	21.763	1.3192
8	0	12	235.404	240.639	-1.2583	10	0	12	88.276	86.192	0.6638
12	0	12	212.137	216.150	-0.9822	1	1	12	88.961	87.547	0.2718
2	1	12	45.165	38.010	1.7225	3	1	12	277.147	277.696	-0.1241
4	1	12	54.061	51.385	0.7108	5	1	12	39.690	42.506	-0.5804

7	1	12	214.874	215.867	-0.2533	8	1	12	31.478	22.845	1.0866
9	1	12	55.429	55.907	-0.1206	10	1	12	84.855	89.971	-1.6078
11	1	12	199.135	197.213	0.4961	12	1	12	96.488	97.173	-0.1696
2	2	12	336.682	331.337	0.7439	3	2	12	51.323	48.729	0.5409
4	2	12	54.745	49.559	1.4034	6	2	12	61.588	65.984	-1.2474
7	2	12	127.967	127.040	0.2588	8	2	12	88.276	97.454	-2.6823
9	2	12	45.165	42.830	0.5039	11	2	12	98.541	102.742	-1.0457
12	2	12	106.069	98.175	2.0025	3	3	12	39.690	36.796	0.4500
6	3	12	66.378	60.944	1.6682	7	3	12	160.814	158.647	0.5975
8	3	12	37.637	30.219	1.0994	10	3	12	45.165	40.093	1.1112
11	3	12	46.533	40.865	0.9122	4	4	12	54.061	57.015	-0.5756
6	4	12	76.643	73.437	1.0600	8	4	12	227.876	224.729	0.7704
9	4	12	213.506	208.467	1.2629	11	4	12	143.706	144.003	-0.0787
5	5	12	127.282	129.555	-0.4550	6	5	12	28.057	20.693	0.9349
7	5	12	161.498	160.756	0.2019	8	5	12	43.796	42.900	0.1876
9	5	12	412.641	413.341	-0.1186	10	5	12	72.537	72.673	-0.0387
11	5	12	120.439	117.430	0.7634	6	6	12	313.415	312.332	0.1568
8	6	12	131.388	127.583	1.0278	9	6	12	62.957	61.208	0.4698
10	6	12	148.496	149.333	-0.2216	7	7	12	362.686	367.003	-0.5684
8	7	12	48.586	49.633	-0.2216	9	7	12	63.641	62.249	0.3667
10	7	12	31.478	22.915	0.9708	8	8	12	49.955	53.735	-0.5940
9	8	12	39.006	29.075	1.8510	1	0	13	181.343	183.024	-0.4573
3	0	13	168.341	166.630	0.4681	5	0	13	65.694	61.251	1.2682
7	0	13	93.067	91.279	0.6020	2	1	13	61.588	63.308	-0.4724
3	1	13	60.904	64.564	-1.0188	4	1	13	71.169	72.641	-0.4392
5	1	13	154.655	158.790	-1.1253	6	1	13	121.123	123.766	-0.7138
8	1	13	54.061	51.933	0.4984	9	1	13	122.492	117.795	1.2368
10	1	13	42.427	42.511	-0.0152	3	2	13	58.851	56.737	0.5830
5	2	13	61.588	57.982	0.9886	6	2	13	57.482	54.779	0.7155
7	2	13	32.847	10.594	3.0391	8	2	13	71.169	74.397	-0.9021
4	3	13	101.278	98.340	0.7893	5	3	13	93.751	92.141	0.4923
6	3	13	97.857	99.402	-0.4705	8	3	13	145.759	141.930	1.0154
9	3	13	43.112	48.528	-1.0226	10	3	13	114.965	109.566	1.3865
5	4	13	52.692	51.917	0.1900	6	4	13	69.800	71.438	-0.4776
7	4	13	47.902	47.228	0.1457	8	4	13	109.490	113.700	-1.0625
9	4	13	97.857	101.214	-0.9659	6	5	13	112.227	120.529	-2.1585
8	5	13	51.323	54.518	-0.7340	9	5	13	110.174	107.297	0.7249
7	6	13	51.323	44.402	1.6029	8	6	13	75.959	75.795	0.0473
8	7	13	99.225	95.796	0.9984	0	0	14	85.539	89.828	-0.9497
2	0	14	84.855	83.296	0.5119	4	0	14	78.696	78.130	0.1776
6	0	14	49.955	54.807	-1.0908	8	0	14	137.547	137.706	-0.0415
1	1	14	34.216	35.313	-0.1243	3	1	14	29.425	27.460	0.2872
4	1	14	74.590	73.765	0.2461	5	1	14	106.069	101.300	1.2183
6	1	14	237.457	241.405	-0.9381	7	1	14	52.692	40.744	2.7627
2	2	14	140.969	145.373	-0.8252	4	2	14	54.745	54.941	-0.0463
5	2	14	335.313	335.226	0.0170	7	2	14	78.696	78.452	0.0716
3	3	14	144.390	152.268	-1.4573	4	3	14	276.462	276.009	0.1003
5	3	14	34.216	34.819	-0.0783	6	3	14	143.021	139.830	0.8402
7	3	14	30.110	31.258	-0.1185	4	4	14	113.596	115.949	-0.4245
5	4	14	39.006	40.902	-0.3338	6	4	14	75.274	66.579	2.5312
5	5	14	82.118	80.431	0.3625	6	5	14	69.800	71.826	-0.5484
3	0	15	159.445	156.539	0.7504	2	1	15	89.645	88.724	0.2906
3	1	15	29.425	31.193	-0.2336	3	2	15	49.955	51.154	-0.2612

Table 7. (cont.)

2 Sanpo

h	k	l	F(obs)	F(calc)	(Fo-Fc)/ σ	h	k	l	F(obs)	F(calc)	(Fo-Fc)/ σ
2	0	0	32.279	48.313	-6.4540	4	0	0	209.238	223.103	-3.9563
6	0	0	107.213	105.732	0.6001	8	0	0	51.877	55.246	-1.5584
10	0	0	73.781	77.079	-1.2071	12	0	0	306.651	304.557	0.4611
14	0	0	667.486	662.959	0.4992	16	0	0	370.057	367.606	0.4607
18	0	0	187.911	192.761	-1.3908	20	0	0	209.238	206.133	0.8416
1	1	0	116.435	124.000	-2.4760	3	1	0	64.558	56.857	2.8187
5	1	0	311.263	317.900	-1.4286	7	1	0	446.720	441.327	0.8451
9	1	0	409.829	415.296	-0.9344	11	1	0	332.014	338.568	-1.3521
13	1	0	169.465	164.404	1.6142	15	1	0	372.363	377.491	-0.9536
17	1	0	136.033	129.820	1.9817	19	1	0	77.816	72.298	1.7628
2	2	0	90.497	118.144	-8.2696	4	2	0	376.974	382.858	-1.0655
6	2	0	966.068	994.948	-2.1411	8	2	0	474.964	475.979	-0.1515
10	2	0	630.019	630.363	-0.0395	12	2	0	188.487	190.962	-0.7641
14	2	0	339.507	340.842	-0.2697	16	2	0	159.666	166.036	-1.9769
18	2	0	200.015	201.049	-0.2882	20	2	0	210.967	201.331	2.5561
3	3	0	105.484	107.888	-0.6518	5	3	0	228.260	224.698	0.9934
7	3	0	572.378	560.396	1.5041	9	3	0	112.977	118.087	-2.0055
11	3	0	508.396	511.229	-0.3996	13	3	0	21.327	10.863	1.5179
15	3	0	224.801	221.770	0.8215	17	3	0	108.942	103.828	1.6613
19	3	0	172.924	175.694	-0.8049	4	4	0	1026.015	1018.723	0.3553
6	4	0	35.738	32.643	1.1092	8	4	0	66.864	70.111	-1.2275
10	4	0	185.029	180.730	1.3708	12	4	0	375.245	372.097	0.5872
14	4	0	136.610	133.687	0.9752	16	4	0	312.416	308.981	0.7329
18	4	0	182.146	175.670	1.9045	5	5	0	32.279	31.648	0.1499
7	5	0	166.583	162.565	1.3888	9	5	0	518.195	520.094	-0.2649
11	5	0	117.588	119.031	-0.5247	13	5	0	187.334	188.577	-0.3790
17	5	0	176.382	177.686	-0.3851	19	5	0	81.851	83.606	-0.6426
6	6	0	46.689	36.737	3.0292	8	6	0	240.941	241.167	-0.0614
10	6	0	356.799	353.763	0.5958	12	6	0	279.560	280.374	-0.1922
14	6	0	223.072	218.005	1.3821	16	6	0	295.123	288.797	1.4309
18	6	0	139.492	136.540	0.9111	7	7	0	877.300	912.557	-2.0664
9	7	0	40.925	39.073	0.6338	13	7	0	21.904	8.341	2.0372
15	7	0	168.889	165.135	1.1506	17	7	0	44.960	41.293	0.9849
19	7	0	69.746	64.840	1.5880	8	8	0	633.478	640.580	-0.5839
10	8	0	157.937	159.389	-0.4845	12	8	0	323.367	319.403	0.8418
14	8	0	55.336	57.687	-0.7936	16	8	0	428.275	425.541	0.4595
9	9	0	271.490	272.307	-0.1402	11	9	0	50.724	53.548	-0.9403
13	9	0	216.155	216.524	-0.1022	15	9	0	123.352	125.738	-0.7649
17	9	0	86.462	93.037	-1.8458	10	10	0	100.296	104.654	-1.0649
12	10	0	312.416	310.419	0.4374	14	10	0	133.151	128.981	1.3375
16	10	0	96.261	86.741	2.7120	11	11	0	76.663	72.221	0.9632
15	11	0	77.239	74.485	0.8964	17	11	0	64.558	70.342	-1.8080
12	12	0	352.764	340.953	1.6393	14	12	0	117.012	123.491	-2.0144
13	13	0	141.798	140.520	0.2805	15	13	0	106.060	99.802	1.8400
14	14	0	566.037	560.786	0.4898	1	0	1	38.043	56.797	-7.1350
5	0	1	52.454	28.848	9.2234	7	0	1	342.966	333.620	1.8487
9	0	1	100.296	106.508	-2.4775	11	0	1	23.633	9.515	2.6336
13	0	1	145.256	141.277	1.3274	15	0	1	198.286	194.115	1.2182
17	0	1	73.781	76.520	-1.0537	19	0	1	173.500	174.884	-0.4020

21	0	1	70.322	77.342	-1.4851	2	1	1	34.585	40.516	-2.2566
3	1	1	24.786	18.935	1.3679	4	1	1	20.174	4.893	2.8355
5	1	1	73.781	82.692	-3.4203	6	1	1	162.548	144.937	6.1351
7	1	1	252.469	245.488	1.8023	8	1	1	107.213	112.840	-2.2810
9	1	1	114.706	111.659	1.1961	10	1	1	236.329	243.268	-1.8809
11	1	1	70.899	73.966	-1.0686	12	1	1	100.872	101.694	-0.3051
13	1	1	90.497	91.451	-0.3228	14	1	1	182.146	182.191	-0.0135
15	1	1	150.444	151.386	-0.3061	17	1	1	26.515	17.489	1.2835
18	1	1	109.518	111.035	-0.4716	19	1	1	192.522	190.406	0.5940
3	2	1	69.746	89.128	-6.8484	4	2	1	21.327	11.729	1.9966
5	2	1	32.856	32.725	0.0420	7	2	1	107.213	111.827	-1.9196
8	2	1	29.397	29.139	0.0783	9	2	1	39.772	41.616	-0.6836
10	2	1	160.819	165.984	-1.7468	11	2	1	31.126	33.159	-0.5554
12	2	1	175.229	177.826	-0.8222	13	2	1	40.349	37.586	0.8123
14	2	1	32.856	30.398	0.6030	15	2	1	65.711	67.778	-0.8059
16	2	1	72.628	73.998	-0.4735	17	2	1	29.973	32.424	-0.4848
18	2	1	30.550	26.665	0.7430	19	2	1	103.178	99.832	1.0200
20	2	1	28.244	31.708	-0.5675	4	3	1	213.849	220.145	-1.8512
5	3	1	51.877	52.577	-0.2419	6	3	1	239.788	222.816	4.5790
7	3	1	318.756	306.588	2.6191	8	3	1	148.138	147.783	0.1300
9	3	1	197.133	203.004	-1.8124	10	3	1	213.273	209.061	1.2302
11	3	1	132.575	132.179	0.1429	12	3	1	58.218	60.733	-1.0150
13	3	1	42.078	37.215	1.5285	14	3	1	220.190	228.205	-2.2107
15	3	1	69.746	70.382	-0.2561	16	3	1	188.487	193.898	-1.5620
17	3	1	56.488	57.472	-0.3110	19	3	1	131.422	132.502	-0.3316
20	3	1	34.585	30.141	0.8605	5	4	1	166.583	151.283	5.3302
6	4	1	386.197	373.526	2.2946	7	4	1	199.439	193.301	1.9084
8	4	1	97.990	99.844	-0.7513	10	4	1	110.095	112.537	-0.9212
11	4	1	43.807	41.227	0.8743	12	4	1	398.301	403.267	-0.8764
13	4	1	103.178	104.436	-0.4349	14	4	1	192.522	194.452	-0.5813
15	4	1	129.116	132.180	-1.0028	16	4	1	97.990	99.949	-0.6089
17	4	1	48.995	49.955	-0.2867	19	4	1	36.314	27.179	1.4200
6	5	1	348.730	339.841	1.7807	7	5	1	127.387	128.613	-0.4812
8	5	1	121.047	133.176	-4.6865	9	5	1	71.475	66.941	1.7139
10	5	1	21.327	20.576	0.1161	11	5	1	114.130	113.294	0.3057
12	5	1	114.706	112.129	0.9294	13	5	1	153.902	155.555	-0.5481
14	5	1	140.645	144.218	-1.1923	15	5	1	70.322	71.229	-0.3029
16	5	1	66.287	63.520	1.0281	17	5	1	66.287	59.611	2.4132
18	5	1	116.435	112.452	1.1999	19	5	1	57.641	53.452	1.2595
7	6	1	46.113	53.211	-3.0864	8	6	1	80.698	80.355	0.1338
9	6	1	93.379	96.664	-1.2499	10	6	1	166.583	169.599	-1.0004
11	6	1	50.148	55.476	-1.9218	12	6	1	189.640	190.276	-0.1916
13	6	1	76.086	69.462	2.1009	14	6	1	89.920	89.280	0.2097
15	6	1	66.864	63.776	1.1746	16	6	1	52.454	48.052	1.3987
17	6	1	43.807	37.213	1.7255	19	6	1	111.824	112.677	-0.2509
8	7	1	123.929	127.452	-1.3288	9	7	1	136.610	141.846	-1.8614
10	7	1	34.008	39.410	-1.4969	11	7	1	104.331	102.765	0.5409
12	7	1	55.912	53.041	1.0507	13	7	1	81.274	80.710	0.1834
14	7	1	26.515	13.055	1.8532	15	7	1	83.003	80.226	0.8573
16	7	1	34.585	26.273	1.4493	17	7	1	61.100	60.464	0.2101
9	8	1	47.842	41.664	2.3052	10	8	1	70.899	70.667	0.0908
11	8	1	35.161	30.391	1.2889	12	8	1	233.447	235.862	-0.6445
13	8	1	123.352	129.760	-2.1377	14	8	1	79.545	80.743	-0.3626
15	8	1	59.371	62.381	-1.0141	16	8	1	87.615	85.757	0.5527
17	8	1	114.706	112.652	0.6220	10	9	1	77.816	81.336	-1.1501

11	9	1	124.505	124.972	-0.1625	12	9	1	149.867	155.739	-1.8971
13	9	1	48.419	49.695	-0.4062	14	9	1	31.703	37.236	-1.1866
17	9	1	153.326	150.032	0.9973	18	9	1	42.078	40.445	0.3529
11	10	1	46.113	36.470	3.0528	12	10	1	99.143	100.954	-0.6008
13	10	1	25.939	22.542	0.6170	14	10	1	46.113	44.236	0.5302
15	10	1	92.226	95.407	-0.9290	16	10	1	38.620	41.075	-0.5575
17	10	1	88.191	89.638	-0.4009	12	11	1	139.492	142.924	-1.1087
13	11	1	83.580	84.511	-0.3298	15	11	1	28.244	16.590	1.6906
16	11	1	54.183	48.416	1.7044	14	12	1	37.467	27.698	2.1756
15	12	1	62.253	57.199	1.6328	16	12	1	77.239	75.607	0.5814
14	13	1	86.462	84.062	0.6847	15	13	1	142.374	140.665	0.5086
0	0	2	335.472	349.141	-1.9124	2	0	2	164.854	173.840	-3.0629
4	0	2	325.673	326.225	-0.1127	6	0	2	374.092	351.116	4.2090
8	0	2	36.314	35.879	0.1526	10	0	2	219.613	219.085	0.1507
14	0	2	44.960	45.920	-0.3090	16	0	2	89.344	89.170	0.0547
18	0	2	124.505	117.892	2.0936	20	0	2	59.371	59.920	-0.1640
1	1	2	87.615	80.606	2.0610	2	1	2	100.296	89.947	4.0991
3	1	2	80.121	73.864	2.3601	4	1	2	69.170	77.483	-3.0949
5	1	2	43.231	37.813	2.1461	6	1	2	215.002	240.866	-7.5161
7	1	2	243.823	236.043	2.0543	8	1	2	99.719	97.752	0.8184
9	1	2	74.934	77.929	-1.1498	10	1	2	321.062	322.930	-0.3967
11	1	2	73.204	75.497	-0.8166	12	1	2	319.909	326.465	-1.3871
13	1	2	136.033	137.327	-0.4436	14	1	2	28.821	27.959	0.1912
15	1	2	39.772	39.042	0.2094	16	1	2	49.572	51.907	-0.7394
17	1	2	43.807	44.110	-0.0821	18	1	2	98.567	98.979	-0.1256
19	1	2	26.515	15.253	1.8226	20	1	2	323.367	321.650	0.3542
2	2	2	290.512	292.074	-0.2532	3	2	2	70.322	71.655	-0.4951
4	2	2	187.911	188.321	-0.1309	5	2	2	737.808	779.665	-4.0119
6	2	2	63.405	56.952	2.4934	7	2	2	71.475	66.355	2.0280
8	2	2	189.063	187.551	0.4823	9	2	2	898.627	918.884	-1.6217
10	2	2	193.675	189.214	1.3672	11	2	2	234.600	236.462	-0.5023
12	2	2	60.523	61.258	-0.3026	13	2	2	113.553	113.268	0.0995
14	2	2	156.208	156.307	-0.0322	16	2	2	71.475	68.133	1.3239
17	2	2	31.126	20.720	1.9752	18	2	2	47.842	48.949	-0.3086
19	2	2	72.628	74.400	-0.6263	20	2	2	72.052	71.697	0.1177
3	3	2	21.327	15.530	0.8901	4	3	2	842.139	866.888	-2.1088
6	3	2	66.864	70.701	-1.4727	7	3	2	202.897	198.117	1.4652
8	3	2	28.244	27.791	0.1330	9	3	2	77.816	72.303	2.1493
10	3	2	33.432	27.878	1.6527	11	3	2	44.960	41.285	1.3395
12	3	2	182.723	183.104	-0.1175	14	3	2	158.514	161.545	-0.9722
15	3	2	24.209	28.587	-0.7766	16	3	2	54.183	8.432	9.3821
17	3	2	42.655	44.966	-0.6197	18	3	2	375.821	377.076	-0.2324
19	3	2	31.703	33.297	-0.2470	4	4	2	106.060	94.935	3.2713
5	4	2	62.253	63.120	-0.3405	6	4	2	268.608	265.557	0.7605
7	4	2	79.545	76.435	1.2725	8	4	2	292.241	285.702	1.5126
9	4	2	26.515	10.768	3.4021	10	4	2	90.497	90.268	0.0870
11	4	2	577.565	584.580	-0.8850	12	4	2	75.510	78.590	-1.0007
13	4	2	121.047	122.190	-0.3952	14	4	2	73.781	69.630	1.5488
16	4	2	38.620	41.911	-0.8371	18	4	2	32.279	34.719	-0.4693
19	4	2	152.173	150.018	0.6369	5	5	2	103.754	101.986	0.5114
6	5	2	155.631	143.780	4.3103	7	5	2	61.676	55.964	2.1405
8	5	2	66.864	69.199	-0.8673	9	5	2	32.856	33.703	-0.2528
10	5	2	205.203	204.305	0.2654	11	5	2	137.763	139.730	-0.6895
12	5	2	287.053	285.604	0.3353	13	5	2	50.148	44.969	1.8679
14	5	2	142.374	137.430	1.6623	16	5	2	283.019	282.275	0.1720

17	5	2	88.768	88.900	-0.0392	18	5	2	78.969	82.295	-1.0909
19	5	2	81.851	83.219	-0.4836	6	6	2	229.989	223.675	1.2590
7	6	2	35.738	33.149	0.9035	8	6	2	144.103	143.083	0.3732
10	6	2	138.339	139.055	-0.2565	11	6	2	39.196	37.098	0.6375
12	6	2	106.060	105.973	0.0295	13	6	2	467.471	473.280	-0.8990
14	6	2	115.859	116.422	-0.1878	15	6	2	66.864	65.989	0.3356
17	6	2	44.384	46.840	-0.6360	19	6	2	108.366	110.071	-0.4932
7	7	2	46.689	44.084	0.7410	8	7	2	77.816	77.960	-0.0531
9	7	2	40.349	38.806	0.5269	10	7	2	159.666	158.117	0.5209
11	7	2	68.017	68.783	-0.3242	12	7	2	176.382	178.889	-0.7780
14	7	2	202.321	200.861	0.4243	15	7	2	26.515	30.967	-0.7954
16	7	2	163.701	164.160	-0.1407	17	7	2	27.668	23.360	0.5816
18	7	2	50.724	44.034	1.8483	8	8	2	88.768	89.491	-0.1901
9	8	2	57.065	54.471	1.0791	10	8	2	42.655	37.938	1.5525
11	8	2	55.912	52.079	1.4147	12	8	2	69.170	67.169	0.8321
13	8	2	429.427	428.643	0.1311	14	8	2	88.191	87.099	0.3459
15	8	2	98.567	99.784	-0.3904	16	8	2	172.924	176.587	-1.0901
17	8	2	175.806	172.295	1.0253	18	8	2	54.183	55.220	-0.2934
9	9	2	55.336	54.465	0.2397	10	9	2	223.072	226.157	-0.8606
11	9	2	28.821	24.208	1.0104	12	9	2	419.628	419.448	0.0307
13	9	2	34.585	43.719	-2.1356	14	9	2	152.173	153.475	-0.4123
15	9	2	55.336	61.323	-1.8715	16	9	2	315.874	312.291	0.7684
10	10	2	29.973	30.318	-0.0559	11	10	2	432.886	435.995	-0.5172
12	10	2	66.864	63.036	1.4788	13	10	2	217.884	220.991	-0.8514
14	10	2	99.143	99.642	-0.1578	15	10	2	32.856	34.237	-0.2926
16	10	2	139.492	136.148	1.0322	17	10	2	89.344	85.778	0.9851
12	11	2	53.606	55.497	-0.6062	14	11	2	24.786	11.099	2.3234
15	11	2	54.759	55.889	-0.3384	16	11	2	167.736	167.982	-0.0714
12	12	2	126.811	122.881	0.9091	14	12	2	59.947	59.966	-0.0061
15	12	2	71.475	69.367	0.7388	16	12	2	44.960	46.237	-0.3197
13	13	2	102.602	97.931	1.0389	14	13	2	73.204	75.932	-0.9446
15	13	2	63.982	63.403	0.1810	1	0	3	42.078	46.386	-1.5222
3	0	3	65.135	78.677	-4.9987	5	0	3	475.541	464.895	1.5638
7	0	3	66.864	76.624	-3.8309	9	0	3	69.170	76.511	-2.6985
11	0	3	144.680	149.878	-1.8108	13	0	3	123.929	124.300	-0.1332
15	0	3	149.867	156.269	-2.0415	17	0	3	106.060	109.649	-1.1079
19	0	3	126.811	129.664	-0.8434	21	0	3	156.208	153.403	0.5725
2	1	3	48.419	60.560	-4.3431	3	1	3	169.465	166.175	1.1063
4	1	3	19.598	20.578	-0.1731	5	1	3	115.283	101.373	5.5475
6	1	3	178.112	181.894	-1.2546	7	1	3	268.608	262.303	1.5472
8	1	3	108.942	116.190	-2.9174	9	1	3	92.226	96.581	-1.6677
10	1	3	170.618	183.362	-4.1951	11	1	3	42.078	40.512	0.5295
13	1	3	155.631	158.551	-0.9558	14	1	3	42.078	35.730	1.8924
15	1	3	127.964	128.240	-0.0917	16	1	3	102.025	100.096	0.6162
17	1	3	34.585	32.806	0.3777	18	1	3	35.738	31.998	0.8130
19	1	3	136.033	138.855	-0.8438	3	2	3	208.661	217.041	-2.5240
4	2	3	135.457	130.729	1.8106	5	2	3	214.426	216.014	-0.4695
6	2	3	327.402	320.382	1.4657	7	2	3	91.073	92.223	-0.4818
8	2	3	43.807	44.683	-0.3526	9	2	3	137.186	146.228	-3.3094
10	2	3	252.469	260.370	-2.0217	11	2	3	55.912	53.411	1.0329
12	2	3	89.920	95.133	-1.8013	13	2	3	38.043	34.531	0.9956
15	2	3	69.170	66.441	1.0807	16	2	3	78.969	79.800	-0.2434
17	2	3	39.772	33.786	1.5364	18	2	3	94.532	97.789	-0.9812
19	2	3	114.130	111.166	0.8758	4	3	3	28.821	44.678	-4.7350
5	3	3	244.399	234.469	2.6464	6	3	3	399.454	381.069	3.2349

7	3	3	114.130	107.555	2.6900	8	3	3	96.837	96.227	0.2396
9	3	3	85.885	89.474	-1.3654	10	3	3	42.655	37.214	1.9624
11	3	3	62.829	60.940	0.6621	12	3	3	113.553	113.363	0.0667
13	3	3	102.025	104.197	-0.7446	14	3	3	206.932	207.844	-0.2573
16	3	3	187.911	188.948	-0.2994	17	3	3	46.689	49.177	-0.7028
18	3	3	39.772	39.088	0.1642	19	3	3	132.575	130.532	0.6078
5	4	3	203.474	190.863	3.8929	7	4	3	75.510	81.000	-2.1548
8	4	3	21.327	12.062	1.5107	9	4	3	89.344	87.830	0.5812
10	4	3	61.100	62.984	-0.8339	11	4	3	134.881	133.885	0.3517
12	4	3	159.090	160.294	-0.3942	13	4	3	50.724	52.508	-0.6128
14	4	3	80.121	78.856	0.3886	15	4	3	193.675	197.598	-1.1401
16	4	3	78.392	73.939	1.3250	17	4	3	146.985	148.944	-0.6122
18	4	3	79.545	79.941	-0.1318	19	4	3	89.920	89.497	0.1371
6	5	3	97.990	101.477	-1.4369	7	5	3	36.314	37.685	-0.4611
8	5	3	170.042	179.752	-3.2648	9	5	3	81.274	83.794	-0.9166
10	5	3	58.218	60.067	-0.7881	11	5	3	130.269	129.346	0.3311
12	5	3	106.060	112.122	-2.1118	13	5	3	148.138	148.231	-0.0305
14	5	3	84.733	89.266	-1.3894	15	5	3	106.060	107.577	-0.4928
16	5	3	166.583	165.062	0.4639	17	5	3	102.602	96.725	1.8045
18	5	3	83.580	80.134	1.1677	19	5	3	104.331	99.567	1.3844
7	6	3	192.522	199.823	-2.2947	8	6	3	180.994	179.499	0.4828
9	6	3	129.693	136.785	-2.5795	10	6	3	121.047	117.896	1.1532
11	6	3	103.178	106.276	-1.0708	12	6	3	121.623	121.089	0.1848
13	6	3	26.515	18.214	1.6199	14	6	3	63.405	64.279	-0.3272
17	6	3	46.113	50.640	-1.1936	18	6	3	34.008	28.341	1.1010
8	7	3	276.102	283.200	-1.7151	9	7	3	46.113	46.586	-0.1681
10	7	3	85.309	82.752	0.8836	11	7	3	55.336	56.150	-0.3147
12	7	3	50.148	48.462	0.5615	13	7	3	177.535	175.999	0.4743
14	7	3	53.606	53.324	0.0918	15	7	3	59.371	62.444	-1.0275
17	7	3	83.580	79.493	1.1327	18	7	3	121.623	119.053	0.7597
9	8	3	43.231	43.485	-0.0800	11	8	3	32.856	29.834	0.7609
12	8	3	144.680	146.066	-0.4537	13	8	3	120.470	122.358	-0.6178
14	8	3	74.357	72.997	0.4867	15	8	3	78.392	78.880	-0.1692
16	8	3	73.204	69.680	1.2926	17	8	3	168.313	168.237	0.0224
18	8	3	31.126	34.421	-0.5722	10	9	3	159.666	157.401	0.7457
11	9	3	47.266	45.703	0.4884	12	9	3	177.535	177.434	0.0312
13	9	3	46.113	44.755	0.4013	14	9	3	119.894	120.140	-0.0796
15	9	3	27.668	12.748	2.6547	17	9	3	76.663	73.735	1.0199
11	10	3	21.904	23.844	-0.3082	12	10	3	113.553	111.325	0.7335
13	10	3	179.841	181.270	-0.4306	14	10	3	190.216	191.366	-0.3296
15	10	3	170.042	167.940	0.6330	16	10	3	62.829	61.824	0.3263
17	10	3	115.859	114.736	0.3263	12	11	3	141.798	142.629	-0.2702
13	11	3	81.274	76.130	1.5127	14	11	3	65.711	65.388	0.1131
13	12	3	76.086	73.314	1.0456	14	12	3	74.934	73.846	0.3900
15	12	3	81.274	80.025	0.4574	14	13	3	84.156	89.222	-1.4039
15	13	3	84.733	80.242	1.4349	0	0	4	1650.846	1742.997	-2.7516
2	0	4	122.776	126.103	-1.2972	4	0	4	439.803	465.237	-4.0556
6	0	4	137.186	141.414	-1.6084	8	0	4	654.229	659.563	-0.5869
10	0	4	182.146	188.044	-1.8570	12	0	4	219.037	227.406	-2.3195
14	0	4	514.160	514.204	-0.0061	16	0	4	40.349	32.435	1.5155
18	0	4	29.973	27.094	0.4864	20	0	4	100.872	92.296	1.7503
1	1	4	224.225	228.125	-0.7690	2	1	4	61.676	56.356	1.9270
3	1	4	253.045	254.202	-0.2955	4	1	4	288.783	271.502	3.9813
5	1	4	25.939	19.332	1.7852	6	1	4	170.618	168.947	0.5620
7	1	4	514.160	516.389	-0.3072	8	1	4	36.890	34.422	0.8531

9	1	4	200.592	202.487	-0.5737	10	1	4	41.502	39.406	0.7242
11	1	4	425.393	430.523	-0.8445	12	1	4	94.532	99.562	-1.8031
13	1	4	377.550	374.232	0.6098	14	1	4	27.668	14.284	2.2434
15	1	4	172.924	172.694	0.0695	16	1	4	51.301	51.650	-0.1092
17	1	4	195.980	189.849	1.7495	18	1	4	74.934	68.120	2.4939
19	1	4	97.990	94.273	1.0802	2	2	4	732.621	772.084	-2.6848
3	2	4	156.208	146.305	3.5204	4	2	4	123.352	117.890	2.1440
5	2	4	133.728	131.340	0.9084	6	2	4	238.059	241.480	-0.9274
7	2	4	36.890	36.429	0.1541	8	2	4	152.749	149.996	0.9869
9	2	4	50.724	52.439	-0.6762	10	2	4	35.738	36.899	-0.3480
11	2	4	89.344	91.392	-0.7235	12	2	4	150.444	153.237	-0.9390
14	2	4	89.920	93.373	-1.1070	15	2	4	46.113	48.815	-0.7747
16	2	4	289.936	293.813	-0.8724	17	2	4	91.650	86.196	1.6314
18	2	4	163.701	165.310	-0.4732	19	2	4	78.969	74.150	1.7788
3	3	4	341.813	338.387	0.4912	4	3	4	180.417	177.763	0.8753
5	3	4	130.269	127.215	1.1907	6	3	4	19.598	4.366	2.3532
7	3	4	573.531	576.420	-0.3645	8	3	4	44.384	44.993	-0.2274
9	3	4	81.851	72.713	3.3587	10	3	4	68.017	68.837	-0.2651
11	3	4	224.225	229.005	-1.3040	12	3	4	29.973	28.479	0.3528
13	3	4	144.103	143.116	0.3275	14	3	4	48.419	48.804	-0.1234
15	3	4	302.617	298.955	0.8020	16	3	4	39.772	33.152	1.6767
17	3	4	273.219	273.389	-0.0398	4	4	4	81.274	86.536	-1.5740
5	4	4	35.161	30.891	1.5306	6	4	4	175.229	180.248	-1.6873
7	4	4	87.038	86.320	0.2891	8	4	4	510.125	515.022	-0.6907
9	4	4	112.400	117.413	-1.8347	10	4	4	222.495	217.916	1.2771
12	4	4	117.012	120.526	-1.2318	13	4	4	132.575	137.173	-1.5551
14	4	4	94.532	95.861	-0.4262	16	4	4	80.121	82.610	-0.8531
17	4	4	182.723	180.649	0.5956	18	4	4	63.982	60.238	1.2347
19	4	4	56.488	58.218	-0.5001	5	5	4	226.530	225.154	0.2777
6	5	4	63.405	62.533	0.3145	7	5	4	341.813	339.180	0.5335
8	5	4	43.807	39.437	1.5473	9	5	4	710.717	711.832	-0.1152
10	5	4	54.759	52.009	1.0747	11	5	4	107.213	106.921	0.1016
13	5	4	102.025	105.919	-1.2818	14	5	4	21.904	15.686	0.8885
15	5	4	97.990	94.350	1.1629	16	5	4	52.454	51.686	0.2356
17	5	4	108.366	106.024	0.7141	18	5	4	70.322	64.294	2.0710
6	6	4	725.127	748.106	-1.6140	7	6	4	232.294	231.605	0.1933
8	6	4	258.809	256.245	0.6592	9	6	4	71.475	69.449	0.6813
10	6	4	185.605	182.657	0.9166	11	6	4	93.379	93.770	-0.1341
12	6	4	115.283	112.158	1.1201	13	6	4	28.821	28.741	0.0164
14	6	4	229.412	231.327	-0.5110	15	6	4	29.397	23.501	0.8803
16	6	4	197.710	196.793	0.2570	17	6	4	44.960	36.471	1.7938
18	6	4	141.221	141.630	-0.1247	7	7	4	847.903	874.405	-1.6246
8	7	4	183.299	184.283	-0.3138	9	7	4	148.138	149.990	-0.6400
10	7	4	114.706	116.596	-0.6691	11	7	4	386.773	383.405	0.6170
12	7	4	31.126	29.957	0.2504	13	7	4	125.082	122.280	0.9418
14	7	4	48.995	47.171	0.5701	15	7	4	283.595	282.514	0.2490
16	7	4	72.628	73.457	-0.2989	17	7	4	156.784	153.819	0.8825
18	7	4	63.982	62.510	0.4684	8	8	4	118.165	121.681	-0.8842
9	8	4	64.558	66.716	-0.7717	10	8	4	166.007	172.564	-2.1027
11	8	4	88.191	87.478	0.2416	12	8	4	156.208	157.325	-0.3609
14	8	4	57.065	55.424	0.5528	15	8	4	39.196	35.872	0.8144
16	8	4	65.711	63.723	0.6736	17	8	4	65.135	63.505	0.5246
9	9	4	336.625	334.552	0.3023	10	9	4	66.287	62.439	1.5207
11	9	4	126.234	124.352	0.6365	12	9	4	52.454	53.062	-0.1984
13	9	4	37.467	40.979	-0.8451	14	9	4	47.266	45.189	0.6202

15	9	4	50.148	49.888	0.0778	16	9	4	29.397	14.682	1.9805
10	10	4	396.572	394.539	0.2574	11	10	4	40.349	39.814	0.1426
12	10	4	261.115	262.911	-0.4452	13	10	4	52.454	48.096	1.3745
14	10	4	272.643	274.501	-0.4445	16	10	4	81.851	78.483	1.1107
11	11	4	39.772	38.732	0.1983	12	11	4	43.231	44.382	-0.3139
13	11	4	140.068	134.201	1.8712	14	11	4	62.253	57.699	1.5338
15	11	4	220.766	219.611	0.3063	16	11	4	50.148	48.612	0.4197
14	12	4	197.133	197.254	-0.0342	13	13	4	254.198	252.698	0.2602
14	13	4	79.545	79.379	0.0587	1	0	5	270.337	260.037	2.5134
3	0	5	255.927	240.473	3.9486	5	0	5	308.957	302.908	1.3319
9	0	5	51.877	54.965	-1.2547	11	0	5	39.772	36.332	1.0527
13	0	5	88.191	97.702	-3.1131	15	0	5	268.032	264.845	0.7626
17	0	5	34.585	33.653	0.1680	19	0	5	149.867	150.511	-0.1903
2	1	5	202.321	199.893	0.7402	3	1	5	444.414	436.345	1.2727
4	1	5	67.440	64.891	1.0005	5	1	5	234.024	237.458	-0.9414
7	1	5	46.113	46.303	-0.0771	8	1	5	77.816	76.740	0.3995
9	1	5	149.291	150.313	-0.3560	10	1	5	68.593	70.410	-0.5946
11	1	5	187.911	189.420	-0.4571	12	1	5	50.724	50.835	-0.0400
13	1	5	74.934	80.888	-1.8380	14	1	5	160.243	162.424	-0.6818
17	1	5	48.419	51.013	-0.7283	18	1	5	51.877	48.583	0.9639
19	1	5	164.854	163.702	0.3347	3	2	5	21.327	18.516	0.6502
4	2	5	21.327	2.495	3.8664	5	2	5	21.327	15.141	1.2154
6	2	5	162.548	169.205	-2.3329	7	2	5	117.012	117.086	-0.0286
8	2	5	44.960	42.075	1.1325	9	2	5	171.195	168.235	0.9439
10	2	5	85.885	86.268	-0.1350	11	2	5	113.553	112.067	0.5285
12	2	5	89.344	92.221	-0.9941	13	2	5	38.620	36.587	0.5587
16	2	5	51.301	50.784	0.1589	17	2	5	51.301	57.347	-1.7055
18	2	5	128.540	130.409	-0.5523	19	2	5	81.851	80.549	0.4600
4	3	5	180.994	181.989	-0.3276	5	3	5	77.239	83.200	-2.3608
6	3	5	26.515	23.175	0.8914	7	3	5	213.273	217.195	-1.1455
8	3	5	142.374	145.405	-1.0934	9	3	5	148.715	149.856	-0.3977
10	3	5	174.653	176.923	-0.7238	11	3	5	44.960	41.207	1.2998
13	3	5	109.518	109.096	0.1429	14	3	5	69.746	70.143	-0.1575
15	3	5	70.899	72.570	-0.6344	17	3	5	31.126	34.667	-0.6684
18	3	5	102.602	101.971	0.1866	5	4	5	73.204	71.140	0.8233
6	4	5	128.540	128.771	-0.0891	7	4	5	91.650	93.521	-0.7345
8	4	5	22.480	23.920	-0.3031	9	4	5	19.022	12.379	1.1331
10	4	5	239.788	245.874	-1.6146	11	4	5	75.510	69.657	1.9414
12	4	5	167.736	172.642	-1.5417	13	4	5	81.274	75.782	1.7613
14	4	5	118.741	116.713	0.6727	15	4	5	44.384	46.851	-0.6771
16	4	5	97.990	99.448	-0.4555	17	4	5	38.620	41.575	-0.6910
18	4	5	26.515	19.164	1.0584	6	5	5	151.597	150.105	0.5460
7	5	5	39.196	38.316	0.3042	9	5	5	28.821	30.706	-0.3650
10	5	5	236.906	240.823	-1.0440	11	5	5	73.204	74.822	-0.5226
12	5	5	102.602	106.188	-1.2393	13	5	5	136.610	139.568	-0.9739
14	5	5	32.279	15.864	2.9882	15	5	5	107.213	105.351	0.5821
16	5	5	100.872	98.487	0.7223	17	5	5	59.371	58.382	0.3113
18	5	5	50.724	45.993	1.2846	8	6	5	191.945	193.272	-0.4124
9	6	5	123.352	128.615	-1.8863	10	6	5	115.859	113.861	0.6961
11	6	5	35.738	32.751	0.7982	12	6	5	178.112	180.117	-0.6191
13	6	5	76.663	71.839	1.5188	15	6	5	127.964	124.430	1.1187
17	6	5	92.802	90.920	0.5506	18	6	5	29.973	32.965	-0.3769
9	7	5	149.867	156.859	-2.3645	10	7	5	21.904	13.218	1.3479
11	7	5	130.269	130.221	0.0165	12	7	5	108.942	105.876	1.0595
13	7	5	109.518	109.064	0.1518	14	7	5	83.003	75.849	2.2283

15	7	5	54.183	55.812	-0.5031	16	7	5	50.724	47.450	0.9297
17	7	5	84.733	82.565	0.7095	9	8	5	177.535	177.784	-0.0794
10	8	5	98.567	100.894	-0.7997	11	8	5	20.751	18.757	0.3128
12	8	5	112.400	114.751	-0.7798	13	8	5	145.256	147.877	-0.8359
14	8	5	94.532	94.067	0.1446	15	8	5	24.786	6.600	2.5506
16	8	5	92.226	92.274	-0.0137	17	8	5	92.226	91.588	0.1734
10	9	5	172.347	173.641	-0.4074	11	9	5	88.191	88.551	-0.1180
12	9	5	103.178	106.415	-1.0459	13	9	5	31.703	11.989	4.1356
14	9	5	52.454	55.295	-0.8741	15	9	5	59.947	60.930	-0.3218
16	9	5	40.349	38.816	0.3613	11	10	5	39.772	38.783	0.2459
12	10	5	48.995	48.914	0.0237	13	10	5	90.497	85.868	1.3871
15	10	5	62.829	64.536	-0.5586	16	10	5	48.419	51.364	-0.7860
12	11	5	91.650	88.832	0.8761	13	11	5	43.231	42.278	0.2487
14	11	5	49.572	48.058	0.4154	13	12	5	34.008	28.518	1.1140
14	12	5	61.100	62.944	-0.5797	14	13	5	100.872	102.372	-0.4358
0	0	6	200.592	187.567	2.8244	2	0	6	431.157	418.199	2.1128
4	0	6	136.033	136.426	-0.1479	6	0	6	276.678	270.542	1.4766
8	0	6	92.802	91.651	0.4379	10	0	6	81.851	83.345	-0.5095
12	0	6	187.911	189.067	-0.3458	14	0	6	137.186	144.538	-2.3750
16	0	6	120.470	118.267	0.6887	18	0	6	29.397	27.550	0.2562
20	0	6	46.689	57.185	-1.7677	1	1	6	89.344	88.731	0.1803
2	1	6	228.260	218.819	2.6331	3	1	6	111.824	114.178	-0.9476
4	1	6	67.440	62.213	1.9586	5	1	6	112.977	116.736	-1.4525
6	1	6	532.029	540.263	-1.1073	7	1	6	130.846	128.032	1.0387
8	1	6	45.537	41.771	1.3695	9	1	6	25.362	3.578	3.6549
10	1	6	176.959	178.057	-0.3389	11	1	6	117.012	120.060	-1.0620
12	1	6	111.824	112.439	-0.2079	13	1	6	68.593	68.271	0.1277
14	1	6	21.327	15.233	0.8990	16	1	6	43.231	41.498	0.4624
17	1	6	47.842	46.290	0.4378	2	2	6	57.641	65.165	-1.8917
5	2	6	764.900	794.716	-2.7662	6	2	6	220.190	224.291	-1.1628
7	2	6	56.488	55.199	0.5648	8	2	6	108.942	109.568	-0.2346
9	2	6	614.456	624.870	-1.2340	10	2	6	24.786	30.024	-1.0410
11	2	6	49.572	48.512	0.3612	12	2	6	119.894	116.967	0.9842
13	2	6	99.719	97.199	0.8474	14	2	6	29.973	24.630	1.1632
15	2	6	60.523	57.217	1.1682	16	2	6	73.781	73.541	0.0892
17	2	6	99.719	100.674	-0.2742	18	2	6	141.221	142.527	-0.3840
3	3	6	118.165	109.459	2.3972	4	3	6	752.795	774.556	-2.0462
5	3	6	157.937	162.203	-1.4863	6	3	6	312.416	312.978	-0.1238
7	3	6	73.204	67.250	2.2458	9	3	6	37.467	34.548	0.8805
10	3	6	47.266	50.213	-0.9985	11	3	6	59.371	61.656	-0.8833
12	3	6	180.417	178.246	0.6654	13	3	6	29.397	26.273	0.6368
14	3	6	169.465	170.924	-0.4416	15	3	6	119.317	117.673	0.5343
16	3	6	27.091	6.995	2.6840	18	3	6	335.472	333.085	0.4804
4	4	6	74.357	76.058	-0.4758	5	4	6	52.454	53.112	-0.2935
6	4	6	218.460	217.124	0.3857	7	4	6	86.462	87.042	-0.2173
8	4	6	69.170	73.250	-1.6464	9	4	6	42.078	41.492	0.1825
10	4	6	76.663	77.347	-0.2253	11	4	6	530.300	539.558	-1.2727
12	4	6	118.741	119.220	-0.1656	13	4	6	126.811	126.478	0.1120
14	4	6	73.781	76.135	-0.7976	15	4	6	26.515	12.274	2.0938
16	4	6	65.711	65.199	0.1770	17	4	6	34.585	28.765	1.1646
18	4	6	91.073	92.581	-0.4114	5	5	6	68.593	65.554	0.7869
6	5	6	21.327	17.123	0.6224	7	5	6	109.518	110.836	-0.5014
8	5	6	227.107	232.045	-1.3621	9	5	6	111.824	116.537	-1.6895
10	5	6	32.279	26.877	1.3145	12	5	6	245.552	248.813	-0.8332
14	5	6	78.392	73.765	1.3469	16	5	6	286.477	284.906	0.3567

6	6	6	85.885	84.989	0.2357	7	6	6	116.435	118.002	-0.5569
8	6	6	85.885	86.882	-0.3677	9	6	6	74.934	77.057	-0.6771
10	6	6	45.537	41.831	1.2106	11	6	6	74.934	73.010	0.5937
12	6	6	152.749	158.079	-1.6996	13	6	6	318.180	320.308	-0.4541
14	6	6	28.244	25.396	0.4115	15	6	6	36.890	32.673	1.0050
16	6	6	152.749	160.839	-2.4196	17	6	6	141.798	140.744	0.3115
7	7	6	45.537	42.734	0.6847	8	7	6	32.856	35.743	-0.7500
9	7	6	75.510	75.215	0.0974	10	7	6	126.811	129.035	-0.7626
12	7	6	45.537	43.062	0.7439	13	7	6	141.798	138.611	1.0163
14	7	6	254.774	257.372	-0.6475	15	7	6	63.982	68.396	-1.4842
16	7	6	135.457	135.242	0.0643	8	8	6	43.807	41.867	0.4488
9	8	6	25.939	7.278	2.6299	10	8	6	183.299	184.610	-0.3969
11	8	6	23.057	22.457	0.0902	12	8	6	37.467	35.983	0.3698
13	8	6	211.543	208.610	0.8090	14	8	6	68.017	69.989	-0.7219
15	8	6	83.580	83.993	-0.1159	9	9	6	110.095	111.958	-0.4618
10	9	6	86.462	87.185	-0.2249	11	9	6	48.995	41.817	2.2601
12	9	6	242.670	241.040	0.4207	13	9	6	75.510	71.919	1.3782
14	9	6	163.701	164.851	-0.3439	15	9	6	44.960	32.385	3.4140
16	9	6	161.972	161.145	0.2431	10	10	6	44.384	38.559	1.2322
11	10	6	333.743	336.951	-0.6642	13	10	6	46.113	48.459	-0.6469
14	10	6	142.374	141.091	0.3932	15	10	6	70.322	68.447	0.6573
11	11	6	59.371	60.505	-0.2696	15	11	6	48.419	39.392	2.3799
12	12	6	74.357	72.883	0.3761	13	12	6	51.877	44.156	2.1028
14	12	6	105.484	108.959	-1.0341	13	13	6	88.768	89.867	-0.2192
1	0	7	137.186	134.302	1.0809	3	0	7	84.156	85.724	-0.6113
7	0	7	36.314	35.480	0.2618	9	0	7	78.392	82.872	-1.5061
11	0	7	97.990	100.389	-0.8065	13	0	7	115.283	119.678	-1.4582
15	0	7	155.631	160.311	-1.4393	17	0	7	112.400	106.167	1.8645
19	0	7	81.274	79.195	0.5011	2	1	7	76.663	78.556	-0.7432
3	1	7	65.135	63.633	0.6203	4	1	7	18.445	18.636	-0.0319
5	1	7	21.904	16.016	0.8791	6	1	7	66.287	71.795	-1.9035
7	1	7	210.391	213.458	-0.8960	8	1	7	134.304	137.825	-1.2726
9	1	7	141.798	145.893	-1.3770	10	1	7	322.215	326.845	-0.9713
11	1	7	57.065	59.787	-1.0068	12	1	7	57.065	65.776	-3.0969
13	1	7	48.419	47.297	0.3512	14	1	7	146.409	147.753	-0.4201
15	1	7	93.379	96.514	-0.9508	16	1	7	49.572	46.713	0.7834
17	1	7	56.488	53.476	0.8842	3	2	7	68.593	65.546	1.1418
4	2	7	117.012	114.843	0.8056	5	2	7	36.890	37.592	-0.2363
6	2	7	99.719	98.229	0.5707	7	2	7	95.108	96.070	-0.3549
8	2	7	193.098	195.059	-0.5906	9	2	7	55.336	50.918	1.7539
10	2	7	80.121	80.090	0.0100	11	2	7	115.859	112.790	1.0461
12	2	7	80.121	80.625	-0.1605	13	2	7	57.065	58.365	-0.4621
15	2	7	48.995	55.892	-1.9237	16	2	7	81.274	78.343	0.8322
17	2	7	42.078	34.026	1.9565	4	3	7	81.274	84.027	-1.0226
5	3	7	125.082	124.733	0.1266	6	3	7	64.558	70.298	-1.9297
7	3	7	87.615	91.074	-1.2502	8	3	7	144.680	147.166	-0.8594
10	3	7	146.985	152.424	-1.8145	11	3	7	29.973	15.930	2.8936
13	3	7	149.291	151.478	-0.6974	14	3	7	154.479	150.426	1.2761
15	3	7	50.148	44.483	1.6856	16	3	7	72.628	66.393	2.2819
17	3	7	48.995	50.099	-0.2838	6	4	7	192.522	193.944	-0.4390
7	4	7	69.170	70.178	-0.3390	8	4	7	53.030	49.722	1.2210
9	4	7	112.400	113.505	-0.3848	10	4	7	90.497	92.073	-0.5331
11	4	7	23.633	29.400	-1.0293	12	4	7	36.314	36.613	-0.0737
13	4	7	25.939	8.318	3.3815	14	4	7	24.209	6.641	2.6759
15	4	7	81.851	82.270	-0.1196	16	4	7	127.964	124.865	0.9334

17	4	7	59.947	56.299	1.1382	6	5	7	42.078	46.323	-1.4082
7	5	7	32.279	16.778	3.6096	8	5	7	67.440	62.746	1.8059
10	5	7	43.231	46.306	-0.9493	11	5	7	62.829	62.075	0.2938
12	5	7	86.462	81.694	1.5206	13	5	7	70.322	66.097	1.5865
14	5	7	85.309	79.560	1.6706	16	5	7	124.505	126.364	-0.5608
17	5	7	138.339	136.872	0.4366	7	6	7	126.811	123.167	1.3061
8	6	7	183.299	188.486	-1.5899	9	6	7	47.842	46.319	0.5133
11	6	7	39.772	38.108	0.4606	12	6	7	62.253	62.016	0.0878
13	6	7	63.405	63.385	0.0074	15	6	7	35.161	31.324	0.8310
16	6	7	39.196	33.014	1.3063	17	6	7	137.186	141.839	-1.3844
8	7	7	182.723	183.855	-0.3495	9	7	7	23.057	23.238	-0.0244
10	7	7	183.299	190.086	-2.0803	11	7	7	43.807	36.923	2.0040
12	7	7	46.689	52.225	-1.6195	13	7	7	227.107	227.507	-0.1061
14	7	7	76.086	79.842	-1.2652	15	7	7	32.279	21.030	2.2355
16	7	7	61.100	62.410	-0.4094	10	8	7	38.043	38.023	0.0052
11	8	7	54.183	57.104	-0.9822	12	8	7	69.746	67.150	0.9581
13	8	7	31.703	24.565	1.2858	14	8	7	38.043	39.315	-0.2906
15	8	7	47.842	49.312	-0.3917	16	8	7	57.641	54.595	0.8943
10	9	7	107.213	108.153	-0.3119	11	9	7	44.960	39.263	1.6019
12	9	7	175.229	168.784	1.9413	13	9	7	56.488	58.932	-0.7852
14	9	7	36.314	31.568	1.0304	13	10	7	61.100	56.687	1.4610
14	10	7	160.819	158.551	0.6748	15	10	7	167.736	160.326	2.1642
12	11	7	46.113	48.931	-0.7341	13	11	7	68.593	67.493	0.3857
13	12	7	104.907	106.891	-0.5864	0	0	8	1118.241	1168.252	-2.3199
2	0	8	100.872	93.255	2.9431	4	0	8	185.029	184.382	0.2046
6	0	8	148.715	145.873	0.9742	8	0	8	69.170	74.378	-1.6922
10	0	8	112.400	106.684	1.9915	12	0	8	69.746	71.098	-0.5343
14	0	8	372.363	376.496	-0.7743	16	0	8	226.530	234.109	-1.9772
18	0	8	114.130	113.648	0.0995	1	1	8	207.509	199.063	1.7869
2	1	8	24.209	24.059	0.0273	5	1	8	329.708	332.823	-0.6479
6	1	8	108.366	108.727	-0.1321	7	1	8	34.008	31.505	0.6872
8	1	8	87.615	90.322	-0.9506	9	1	8	318.180	314.735	0.7350
10	1	8	49.572	50.632	-0.3614	11	1	8	92.802	98.018	-1.6848
12	1	8	24.786	20.167	0.8560	13	1	8	79.545	81.005	-0.4421
14	1	8	26.515	5.232	2.7209	15	1	8	435.192	428.840	1.0385
16	1	8	47.266	41.536	1.5628	2	2	8	30.550	22.511	1.6602
3	2	8	45.537	42.477	1.1745	4	2	8	65.711	70.083	-1.7723
5	2	8	62.253	59.856	1.0886	6	2	8	513.007	525.781	-1.7815
7	2	8	83.003	87.354	-1.5033	8	2	8	83.580	92.212	-2.8799
9	2	8	40.925	42.154	-0.3747	10	2	8	308.381	313.062	-1.0114
11	2	8	127.387	130.763	-1.1349	12	2	8	50.724	44.970	1.8694
13	2	8	43.807	45.275	-0.4023	14	2	8	170.042	173.222	-0.9529
15	2	8	34.008	25.357	1.2917	16	2	8	276.678	275.811	0.1997
17	2	8	54.183	51.092	0.8513	3	3	8	231.718	228.634	0.5945
4	3	8	42.655	40.327	0.8060	5	3	8	136.033	133.046	1.0408
6	3	8	148.138	152.942	-1.6153	7	3	8	34.008	35.514	-0.3958
9	3	8	295.123	295.002	0.0278	10	3	8	113.553	113.867	-0.1083
11	3	8	312.992	312.142	0.1830	12	3	8	76.086	75.858	0.0676
13	3	8	35.738	32.001	0.8174	15	3	8	121.623	123.647	-0.6126
16	3	8	73.204	73.062	0.0505	4	4	8	680.743	701.095	-1.5351
5	4	8	135.457	141.381	-2.0637	7	4	8	37.467	38.169	-0.2027
8	4	8	33.432	26.995	1.6471	9	4	8	44.384	41.087	1.0571
10	4	8	74.357	75.244	-0.2737	11	4	8	87.038	86.124	0.2915
12	4	8	195.980	198.521	-0.7286	13	4	8	50.724	49.460	0.3901
14	4	8	100.296	99.119	0.3588	15	4	8	36.890	27.874	2.0885

16	4	8	182.146	186.786	-1.3089	6	5	8	69.746	67.340	0.8041
7	5	8	63.405	54.916	3.5660	8	5	8	69.746	64.878	1.8398
9	5	8	276.678	286.011	-2.2333	10	5	8	74.357	75.700	-0.4168
11	5	8	109.518	105.210	1.4182	12	5	8	87.038	85.524	0.4767
13	5	8	337.778	331.967	1.1778	14	5	8	73.781	76.346	-0.9251
15	5	8	43.231	33.657	2.4355	16	5	8	53.030	54.046	-0.2847
6	6	8	194.828	190.598	0.9059	8	6	8	167.736	176.663	-2.8467
9	6	8	29.397	25.429	0.9094	10	6	8	128.540	130.126	-0.5260
11	6	8	58.218	58.530	-0.1104	12	6	8	111.248	117.552	-1.9959
14	6	8	62.253	67.699	-1.8242	15	6	8	113.553	114.680	-0.3353
16	6	8	153.326	149.502	1.1379	7	7	8	875.571	896.387	-1.2367
9	7	8	168.889	165.703	1.0031	11	7	8	71.475	78.030	-2.5727
12	7	8	55.912	54.146	0.5780	13	7	8	61.676	56.954	1.5968
14	7	8	58.218	49.555	2.8142	15	7	8	148.715	153.049	-1.2812
8	8	8	379.856	387.181	-0.9627	9	8	8	53.606	59.169	-1.8072
10	8	8	108.942	103.565	1.7468	12	8	8	186.181	184.940	0.3627
13	8	8	39.196	43.691	-1.0181	14	8	8	132.575	131.287	0.3898
15	8	8	50.724	49.206	0.4167	9	9	8	70.322	72.856	-0.7091
10	9	8	55.912	53.541	0.8081	12	9	8	76.086	75.750	0.1086
13	9	8	258.809	253.994	1.1749	14	9	8	81.274	78.842	0.7714
12	10	8	185.029	189.947	-1.4196	13	10	8	28.821	24.277	0.7571
14	10	8	32.279	18.856	2.0848	11	11	8	201.168	200.198	0.1934
12	11	8	27.091	7.864	2.3894	13	11	8	134.881	128.813	1.8056
12	12	8	229.989	232.029	-0.3725	1	0	9	119.317	114.121	1.9019
3	0	9	23.057	30.923	-1.5333	5	0	9	51.301	52.738	-0.5293
7	0	9	54.759	52.129	1.0094	9	0	9	70.322	64.246	2.2670
11	0	9	99.143	95.843	1.1009	13	0	9	26.515	33.915	-1.2915
15	0	9	182.146	190.273	-2.3036	17	0	9	50.724	49.394	0.2355
2	1	9	51.877	46.721	1.9967	3	1	9	196.557	198.570	-0.6064
4	1	9	83.003	90.401	-2.5771	5	1	9	189.063	195.691	-1.9961
6	1	9	84.156	79.766	1.4846	7	1	9	40.349	41.156	-0.2449
8	1	9	25.362	10.437	2.7783	9	1	9	112.977	111.136	0.6311
10	1	9	121.623	120.849	0.2584	11	1	9	74.357	72.771	0.5673
13	1	9	102.602	102.069	0.1623	14	1	9	85.885	91.473	-1.8606
15	1	9	77.239	77.471	-0.0714	3	2	9	92.802	102.862	-3.4833
4	2	9	144.680	145.529	-0.2854	6	2	9	209.814	209.102	0.2032
8	2	9	148.138	148.225	-0.0285	9	2	9	57.641	59.672	-0.7384
10	2	9	97.414	98.982	-0.5163	11	2	9	65.711	61.298	1.6938
12	2	9	64.558	59.459	1.9108	13	2	9	123.929	120.933	0.9432
14	2	9	63.982	61.241	0.9414	15	2	9	79.545	78.211	0.4853
16	2	9	85.309	85.070	0.0765	4	3	9	283.595	284.113	-0.1205
5	3	9	32.856	32.234	0.1588	6	3	9	173.500	172.833	0.2112
7	3	9	44.960	41.845	1.0064	8	3	9	58.218	58.668	-0.1714
9	3	9	24.786	26.936	-0.3366	10	3	9	50.148	54.552	-1.4611
11	3	9	69.170	72.521	-1.2863	12	3	9	43.231	45.361	-0.5940
13	3	9	76.663	76.869	-0.0686	15	3	9	61.676	59.112	0.8074
16	3	9	96.837	90.035	2.0003	5	4	9	32.279	36.286	-1.0300
6	4	9	83.003	86.945	-1.2854	7	4	9	66.287	61.443	1.9962
8	4	9	70.322	71.523	-0.4949	9	4	9	50.148	39.481	3.6430
10	4	9	59.947	57.668	0.8289	11	4	9	94.532	101.417	-2.1523
12	4	9	48.419	45.691	0.8157	14	4	9	67.440	64.257	1.0956
15	4	9	70.899	62.764	2.7727	6	5	9	93.955	95.607	-0.5630
7	5	9	91.073	89.596	0.5066	8	5	9	36.314	31.139	1.3603
10	5	9	103.178	100.731	0.7951	11	5	9	27.668	22.730	0.7932
13	5	9	95.108	93.059	0.6258	14	5	9	185.029	183.595	0.4090

15	5	9	58.218	55.377	0.8896	7	6	9	56.488	60.171	-1.3421
8	6	9	108.366	108.391	-0.0086	9	6	9	54.759	51.637	1.0662
10	6	9	102.025	104.768	-0.8748	11	6	9	112.977	110.061	0.9232
12	6	9	117.012	120.013	-0.9433	13	6	9	28.244	27.979	0.0392
14	6	9	37.467	35.622	0.3387	15	6	9	48.419	44.925	0.9590
8	7	9	174.653	172.342	0.7135	9	7	9	72.052	69.956	0.8302
11	7	9	81.274	80.498	0.2255	12	7	9	59.371	58.035	0.4481
13	7	9	36.314	35.702	0.1335	14	7	9	36.890	42.894	-1.2987
9	8	9	97.414	98.708	-0.4183	10	8	9	130.846	132.549	-0.5353
12	8	9	99.719	98.933	0.2318	13	8	9	84.156	78.425	1.8903
14	8	9	39.772	40.479	-0.1636	10	9	9	29.973	30.692	-0.1162
12	9	9	135.457	131.442	1.2240	13	9	9	59.371	60.144	-0.2302
11	10	9	33.432	20.312	2.6842	12	10	9	39.772	40.537	-0.1705
12	11	9	85.885	74.177	3.2657	0	0	10	49.572	56.881	-1.8378
2	0	10	32.856	36.063	-0.8233	4	0	10	108.366	109.544	-0.4071
6	0	10	236.329	238.162	-0.4841	8	0	10	73.204	78.197	-1.7675
10	0	10	215.002	216.682	-0.4632	14	0	10	87.615	87.891	-0.0949
16	0	10	35.738	43.290	-1.0399	1	1	10	110.671	118.255	-1.8796
2	1	10	92.802	97.603	-1.6492	5	1	10	25.939	21.011	1.0116
6	1	10	393.114	393.151	-0.0067	9	1	10	75.510	82.131	-2.2972
10	1	10	133.728	132.247	0.4885	11	1	10	90.497	90.331	0.0516
12	1	10	65.135	59.929	1.8544	13	1	10	65.135	61.646	1.2153
14	1	10	32.279	23.487	1.2701	15	1	10	76.663	72.963	1.1713
2	2	10	29.973	36.369	-1.0567	3	2	10	114.130	116.812	-0.9345
4	2	10	147.562	145.490	0.6730	5	2	10	494.562	495.092	-0.0769
6	2	10	68.017	70.285	-0.9129	8	2	10	109.518	112.181	-0.8953
9	2	10	410.982	412.322	-0.2300	10	2	10	44.384	45.658	-0.3437
11	2	10	39.772	42.203	-0.6119	12	2	10	87.038	86.047	0.3008
13	2	10	67.440	60.195	2.5918	15	2	10	106.636	107.134	-0.1447
3	3	10	33.432	37.555	-0.7225	4	3	10	524.536	524.429	0.0147
5	3	10	28.821	8.060	3.4106	6	3	10	244.399	246.766	-0.6083
7	3	10	35.161	29.484	1.4593	8	3	10	81.274	79.254	0.6443
9	3	10	33.432	16.613	3.2170	10	3	10	51.877	51.371	0.1657
11	3	10	51.877	50.495	0.4268	12	3	10	174.077	172.802	0.3748
13	3	10	82.427	74.802	2.2159	14	3	10	96.837	95.862	0.2883
15	3	10	154.479	151.890	0.7613	6	4	10	93.379	91.000	0.7891
7	4	10	102.602	99.304	1.1003	8	4	10	57.065	55.389	0.5993
9	4	10	51.301	53.317	-0.6432	10	4	10	65.135	68.816	-1.3587
11	4	10	431.733	432.660	-0.1547	12	4	10	42.078	42.263	-0.0473
13	4	10	115.859	115.605	0.0773	14	4	10	167.160	169.437	-0.6697
5	5	10	27.668	23.510	0.6273	6	5	10	41.502	36.752	1.3509
7	5	10	28.244	15.280	2.0390	8	5	10	146.409	147.029	-0.1978
10	5	10	92.226	94.312	-0.6282	12	5	10	217.884	221.534	-0.9847
13	5	10	40.925	35.935	1.2332	14	5	10	70.899	70.985	-0.0292
7	6	10	103.178	107.550	-1.4312	8	6	10	246.705	249.579	-0.7345
10	6	10	43.231	43.013	0.0591	12	6	10	55.336	56.890	-0.4740
13	6	10	310.686	310.161	0.1131	14	6	10	28.244	36.593	-1.3600
7	7	10	106.060	104.451	0.3772	9	7	10	71.475	70.815	0.2558
10	7	10	103.178	100.946	0.6939	11	7	10	43.231	34.730	2.2077
12	7	10	45.537	39.956	1.5176	8	8	10	36.314	26.433	1.7315
9	8	10	149.291	147.486	0.5600	10	8	10	75.510	75.220	0.1093
12	8	10	89.344	86.641	0.7893	13	8	10	195.980	196.325	-0.0962
9	9	10	68.593	65.630	0.7451	10	9	10	129.693	130.386	-0.2168
12	9	10	254.774	251.272	0.8547	10	10	10	69.746	77.764	-1.9320
11	10	10	238.059	236.209	0.4704	1	0	11	197.133	204.264	-2.0967