AM-76-025

Alberto Dal Negro, Giuseppe Rossi and Vittorio Tazzoli

The crystal structure of lanthanite

Table 6. Observed and calculated structure factors for lanthanite

American Mineralogist, Vol 62, pages 142-146

The following material did not appear in the original publication.

TABLE 6. Observed and calculated structure factors.

H	K	L	/FO/	/FC/
2	0	0	414.3	-418.9
4	0	0	228.0	229.2
6	0	0	242.4	-236.3
8	0	0	337.1	338.0
10	0	0	184.8	-182.4
12	0	0	174.5	179.7
0	2	0*	10.3	-515.5
1	2	0*	10.3	45.2
2	2	0	281.3	274.0
3	2	0	20.0	20.5
4	2	0	350.2	-339.5
5	2	0	47.2	43.5
6	2	0	254.3	243.4
7	2	0	105.7	-105.2
8	2	0	284.8	-284.5
9	2	0	50.6	47.4
10	2	0	168.0	168.8
11	2	0*	10.3	-13.4
12	2	0	166.4	-167.9
13	2	0*	10.3	18.4
0	4	0	301.5	309.6
1	4	0	127.7	-130.8
2	4	0	216.0	-218.1
3	4	0	154.4	153.6
4	4	0	326.8	326.3
5	4	0	151.7	-147.1
6	4	0	285.1	-285.1
7	4	0	124.6	126.1
8	4	0	240.6	238.6
9	4	0	64.8	-66.9
10	4	0	143.0	-140.5
11	4	0	62.0	62.2
12	4	0	133.1	138.3
13	4	0	47.7	-51.4
0	6	0	279.1	-293.7
1	6	0	187.8	198.5
2	6	0	241.6	248.3
3	6	0	181.1	-182.9
4	6	0	199.0	-199.7
5	6	0	107.0	104.8
6	6	0	193.1	191.7
7	6	0	97.1	-95.0
8	6	0	175.1	-177.3
9	6	0	87.8	89.1
10	6	0	128.1	127.1
11	6	0	102.4	-102.6
12	6	0	98.0	-104.7
0	8	0	271.3	273.2
1	8	0	232.5	-238.7
2	8	0	194.1	-199.7
3	8	0	124.6	126.6
4	8	0	64.9	62.3
5	8	0	92.3	-93.2
6	8	0	131.0	-130.5
7	8	0	125.4	125.9
8	8	0	111.4	111.3
9	8	0	106.6	-105.5
10	8	0	93.1	-94.2
11	8	0	96.0	95.3
12	8	0	75.2	69.8
0	10	0	16.9	-16.3
1	10	0	92.9	95.8
2	10	0	120.0	122.5
3	10	0	111.3	-110.1
4	10	0	72.9	-72.3
5	10	0	120.4	120.3
6	10	0	76.7	78.9
7	10	0	124.7	-123.4
8	10	0	31.8	-30.9
9	10	0	87.9	88.0
10	10	0	69.6	69.7
11	10	0	62.8	-67.1
12	10	0*	10.3	-40.4
0	12	0	26.4	-27.8
1	12	0	66.1	-66.6
2	12	0	48.8	-50.2
3	12	0	119.0	121.3
4	12	0*	10.3	5.1
5	12	0	121.8	-127.4
6	12	0	47.4	-48.6
7	12	0	74.2	76.2
8	12	0*	10.3	3.9
9	12	0	49.9	-53.0
10	12	0	45.5	-41.3
11	12	0	53.9	56.1
0	14	0*	10.3	18.4
1	14	0	41.0	40.3
2	14	0	38.2	41.6
3	14	0	71.4	-72.1
4	14	0*	10.3	-7.0
5	14	0	37.0	43.9
6	14	0	35.1	32.1
7	14	0*	10.3	-6.1
8	14	0*	10.3	8.9
9	14	0	32.4	29.8
10	14	0*	10.3	13.2
0	16	0*	10.3	-17.7
1	16	0*	10.3	4.8
2	16	0*	10.3	1.2
3	16	0*	10.3	2.2
4	16	0*	10.3	-23.8
5	16	0*	10.3	-1.7
6	16	0*	10.3	-11.5
7	16	0*	10.3	-14.8
8	16	0*	10.3	-11.3
9	16	0*	10.3	-2.1
0	18	0*	10.3	0.9
1	18	0	40.2	-38.4
2	18	0*	10.3	7.5
3	18	0*	10.3	16.7
4	18	0*	10.3	2.7
5	18	0*	10.3	-15.3
6	18	0*	10.3	-1.5
7	18	0*	10.3	29.5
8	18	0*	10.3	4.1
0	20	0*	10.3	28.6
1	20	0	57.3	57.2
2	20	0*	10.3	-17.8
3	20	0	37.1	-39.9
4	20	0*	10.3	12.3
5	20	0	37.1	38.8
6	20	0*	10.3	-10.0
7	20	0	58.1	-54.0
0	22	0	46.8	-44.6
1	22	0	66.9	-65.9
2	22	0*	10.3	31.3
3	22	0	40.3	43.5
4	22	0	42.1	-39.7
5	22	0	47.6	-46.8
1	0	1*	10.3	-27.3
3	0	1	88.9	79.5
5	0	1*	10.3	5.8
7	0	1*	10.3	-12.1
9	0	1*	10.3	-11.7
11	0	1	26.9	30.9
13	0	1*	10.3	2.8
1	1	1*	10.3	5.3
2	1	1*	10.3	1.7
3	1	1	64.9	-64.4
4	1	1	28.0	29.1
5	1	1	23.2	23.6
6	1	1*	10.3	-10.4
7	1	1*	10.3	9.2
8	1	1*	10.3	-3.8
9	1	1*	10.3	-19.7
10	1	1*	10.3	14.5
11	1	1*	10.3	-1.5
12	1	1*	10.3	3.2
13	1	1*	10.3	0.9
0	2	1*	10.3	46.7

H	K	L	/FO/	/FC/
1	2	1*	10.3	-24.0
2	2	1	40.0	-44.4
3	2	1	60.3	51.8
4	2	1	113.4	108.0
5	2	1	35.0	-34.8
6	2	1	24.1	-21.1
7	2	1*	10.3	3.5
8	2	1	30.5	29.0
9	2	1*	10.3	-15.9
10	2	1*	10.3	-28.4
11	2	1*	10.3	2.7
12	2	1	42.9	39.4
13	2	1*	10.3	-8.7
1	3	1*	10.3	2.9
2	3	1*	10.3	8.9
3	3	1	77.6	72.4
4	3	1*	10.3	9.4
5	3	1*	10.3	1.0
6	3	1*	10.3	-15.9
7	3	1*	10.3	9.1
8	3	1*	10.3	-4.3
9	3	1	25.4	26.7
10	3	1*	10.3	2.9
11	3	1*	10.3	3.6
12	3	1*	10.3	-4.5
13	3	1*	10.3	-1.5
0	4	1	144.9	-153.1
1	4	1	62.1	60.0
2	4	1	94.3	91.2
3	4	1	46.1	-45.8
4	4	1	199.5	-190.1
5	4	1	39.3	37.0
6	4	1	98.0	99.0
7	4	1	27.8	-24.6
8	4	1	106.1	-103.0
9	4	1	43.1	43.4
10	4	1	55.5	54.9
11	4	1	40.8	-42.3
12	4	1	66.2	-65.2
13	4	1*	10.3	25.4
1	5	1	166.5	-163.5
2	5	1	67.6	66.4
3	5	1	68.7	65.0
4	5	1	23.6	-25.3
5	5	1	12.9	16.3
6	5	1*	10.3	-9.0
7	5	1	41.1	-44.5
8	5	1*	10.3	7.7
9	5	1	28.0	-31.6
10	5	1*	10.3	-0.3
11	5	1*	10.3	-8.2
12	5	1*	10.3	1.8
13	5	1*	10.3	4.3
0	6	1	224.6	231.8
1	6	1	98.4	-103.0
2	6	1	88.6	-91.0
3	6	1	118.5	117.3
4	6	1	147.1	147.2
5	6	1	79.2	-82.6
6	6	1	105.6	-105.6
7	6	1	63.2	61.8
8	6	1	137.3	138.0
9	6	1	59.8	-61.9
10	6	1	81.2	-78.7
11	6	1	56.7	58.3
12	6	1	80.5	81.5
1	7	1	74.4	78.2
2	7	1	51.2	-55.3
3	7	1*	10.3	-8.9
4	7	1	15.0	-11.0
5	7	1*	10.3	10.4
6	7	1	40.6	42.1
7	7	1	31.9	31.3
8	7	1*	10.3	5.4
9	7	1	26.5	24.6
10	7	1*	10.3	-17.8
11	7	1*	10.3	9.7
12	7	1*	10.3	-2.2
0	8	1	234.4	-238.0
1	8	1	185.8	188.7
2	8	1	152.1	154.9
3	8	1	119.0	-124.0
4	8	1	147.3	-151.7
5	8	1	118.3	116.6
6	8	1	76.0	76.1
7	8	1	125.2	-126.8
8	8	1	114.1	-114.1
9	8	1	94.6	90.7
10	8	1	88.5	93.4
11	8	1	70.0	-74.4
12	8	1	87.3	-89.2
1	9	1	45.3	-46.2
2	9	1	11.5	11.5
3	9	1	17.2	-20.9
4	9	1	33.8	33.5
5	9	1*	10.3	16.2
6	9	1	24.3	-24.2
7	9	1*	10.3	-17.4
8	9	1*	10.3	-26.3
9	9	1*	10.3	-27.7
10	9	1*	10.3	16.2
11	9	1*	10.3	-4.9
12	9	1*	10.3	8.0
0	10	1*	10.3	108.6
1	10	1	166.9	-169.5
2	10	1	107.7	-109.3
3	10	1	204.0	205.4
4	10	1	139.1	139.8
5	10	1	183.7	-180.6
6	10	1	83.0	-84.7
7	10	1	151.3	152.5
8	10	1	74.1	74.6
9	10	1	122.0	-124.3
10	10	1	72.3	-73.2
11	10	1	111.4	113.2
12	10	1	79.2	75.9
1	11	1*	10.3	16.0
2	11	1	24.1	-24.8
3	11	1*	10.3	8.4
4	11	1*	10.3	3.2
5	11	1*	10.3	-2.7
6	11	1*	10.3	14.8
7	11	1*	10.3	11.8
8	11	1*	10.3	10.2
9	11	1*	10.3	14.5
10	11	1*	10.3	-5.4
11	11	1*	10.3	1.1
0	12	1	64.1	-63.0
1	12	1	192.7	195.2
2	12	1	87.0	89.8
3	12	1	217.6	-227.7
4	12	1	102.1	-104.8
5	12	1	203.7	208.1
6	12	1	94.6	96.5
7	12	1	168.8	-171.6
8	12	1	68.3	-69.7
9	12	1	127.5	140.6
10	12	1	49.8	50.0
11	12	1	130.7	-133.8
1	13	1	17.8	-20.3
2	13	1	43.7	45.8
3	13	1*	10.3	13.5
4	13	1*	10.3	-8.1
5	13	1*	10.3	9.9
6	13	1*	10.3	-19.9
7	13	1*	10.3	-2.9
8	13	1*	10.3	-3.6
9	13	1*	10.3	-10.4
10	13	1*	10.3	3.0
11	13	1*	10.3	-2.7

H	K	L	/FO/	/FC/
0	14	1	40.6	40.8
1	14	1	207.1	-207.7
2	14	1	37.9	-38.5
3	14	1	189.2	196.1
4	14	1*	10.3	13.2
5	14	1	171.4	-169.7
6	14	1	46.5	-50.1
7	14	1	152.9	159.6
8	14	1	39.8	36.7
9	14	1	146.9	-145.7
10	14	1*	10.3	-26.5
1	15	1*	10.3	-8.0
2	15	1*	10.3	-11.6
3	15	1*	10.3	-3.1
4	15	1*	10.3	-6.1
5	15	1*	10.3	-0.0
6	15	1*	10.3	15.8
7	15	1*	10.3	-5.5
8	15	1*	10.3	6.8
9	15	1*	10.3	-2.2
10	15	1*	10.3	-7.7
0	16	1*	10.3	15.7
1	16	1	229.5	233.0
2	16	1*	10.3	8.9
3	16	1	184.0	-182.6
4	16	1	24.1	20.2
5	16	1	156.3	158.3
6	16	1*	10.3	-10.6
7	16	1	161.0	-161.5
8	16	1*	10.3	16.5
9	16	1	141.9	145.1
1	17	1*	10.3	4.3
2	17	1*	10.3	0.0
3	17	1*	10.3	11.3
4	17	1*	10.3	9.3
5	17	1*	10.3	9.5
6	17	1*	10.3	-3.9
7	17	1*	10.3	-0.2
8	17	1*	10.3	-8.2
9	17	1*	10.3	7.2
0	18	1	45.0	-40.4
1	18	1	149.1	-150.6
2	18	1*	10.3	17.0
3	18	1	166.6	165.5
4	18	1	31.3	-33.7
5	18	1	163.0	-160.0
6	18	1*	10.3	27.6
7	18	1	136.0	134.9
8	18	1	44.0	-41.7
1	19	1*	10.3	-10.7
2	19	1*	10.3	-1.1
3	19	1*	10.3	-6.7
4	19	1*	10.3	5.9
5	19	1*	10.3	-5.1
6	19	1*	10.3	-4.6
7	19	1*	10.3	-5.7
8	19	1*	10.3	-1.5
0	20	1	61.9	62.9
1	20	1	111.5	108.4
2	20	1	55.5	-51.9
3	20	1	127.2	-124.6
4	20	1	65.9	61.3
5	20	1	131.1	126.3
6	20	1	34.8	-42.5
7	20	1	105.8	-105.3
1	21	1*	10.3	5.4
2	21	1*	10.3	-4.9
3	21	1*	10.3	7.4
4	21	1*	10.3	1.3
5	21	1*	10.3	9.0
6	21	1*	10.3	6.0
0	22	1	66.3	-67.9
1	22	1	94.8	-91.6
2	22	1	72.8	65.5
3	22	1	77.9	77.4
4	22	1	60.7	-64.0
5	22	1	69.1	-73.1
1	23	1*	10.3	-2.9
2	23	1*	10.3	6.8
3	23	1*	10.3	-7.1
0	0	2	409.2	-409.5
2	0	2	426.3	426.9
4	0	2	421.8	-409.2
6	0	2	286.9	276.4
8	0	2	234.0	-231.2
10	0	2	226.3	222.4
12	0	2	184.3	-185.1
1	1	2	39.9	-41.5
2	1	2	55.8	-49.6
3	1	2	72.9	-69.9
4	1	2*	10.3	-5.2
5	1	2	26.4	-24.1
6	1	2	22.4	20.5
7	1	2	20.5	-24.0
8	1	2*	10.3	-12.6
9	1	2*	10.3	-15.0
10	1	2*	10.3	0.1
11	1	2*	10.3	-6.0
12	1	2*	10.3	6.5
13	1	2*	10.3	-13.8
0	2	2	284.9	279.4
1	2	2	44.5	-44.2
2	2	2	344.9	-352.6
3	2	2	45.8	43.9
4	2	2	378.8	368.6
5	2	2	57.6	-55.5
6	2	2	250.6	-242.5
7	2	2	57.8	56.8
8	2	2	198.4	199.7
9	2	2	31.2	-33.5
10	2	2	207.5	-207.3
11	2	2*	10.3	25.3
12	2	2	175.1	175.0
13	2	2*	10.3	-25.7
1	3	2	35.1	34.6
2	3	2	40.7	-33.0
3	3	2*	10.3	-5.4
4	3	2	14.8	-10.0
5	3	2	69.6	64.6
6	3	2*	10.3	10.0
7	3	2*	10.3	15.0
8	3	2*	10.3	20.0
9	3	2*	10.3	-7.9
10	3	2*	10.3	-1.3
11	3	2*	10.3	9.1
12	3	2*	10.3	-5.1
13	3	2*	10.3	13.9
0	4	2	196.9	-202.4
1	4	2	121.5	125.0
2	4	2	309.8	321.7
3	4	2	168.9	-164.4
4	4	2	355.3	-350.6
5	4	2	133.7	129.9
6	4	2	226.7	224.1
7	4	2	92.3	-90.4
8	4	2	164.9	-160.9
9	4	2	74.5	73.9
10	4	2	177.3	176.7
11	4	2	72.4	-72.7
12	4	2	149.0	-149.7
13	4	2	53.9	52.5
1	5	2	23.4	24.9
2	5	2	53.6	-47.3
3	5	2	43.1	-41.0
4	5	2	19.0	-14.5
5	5	2	31.9	-26.6
6	5	2*	10.3	3.3
7	5	2*	10.3	16.3
8	5	2*	10.3	10.1
9	5	2*	10.3	0.2

H	K	L	/FO/	/FC/
10	5	2*	10.3	-7.2
11	5	2*	10.3	-8.3
12	5	2*	10.3	-15.1
0	6	2	186.3	188.2
1	6	2	121.5	-129.3
2	6	2	231.4	-238.0
3	6	2	176.1	178.3
4	6	2	230.4	229.2
5	6	2	135.3	-133.0
6	6	2	193.9	-192.7
7	6	2	98.1	93.7
8	6	2	147.2	145.0
9	6	2	96.9	-96.1
10	6	2	137.9	-136.5
11	6	2	98.8	101.2
12	6	2	111.3	110.2
1	7	2	33.9	-33.5
2	7	2*	10.3	5.5
3	7	2	29.0	30.7
4	7	2*	10.3	-3.4
5	7	2	23.5	-22.1
6	7	2*	10.3	6.2
7	7	2*	10.3	-11.7
8	7	2*	10.3	0.1
9	7	2*	10.3	13.0
10	7	2*	10.3	7.5
11	7	2*	10.3	-7.1
12	7	2*	10.3	10.3
0	8	2	154.7	-157.2
1	8	2	175.9	177.4
2	8	2	162.2	164.7
3	8	2	154.6	-154.1
4	8	2	124.3	-124.5
5	8	2	124.2	122.1
6	8	2	129.9	129.9
7	8	2	111.4	-110.7
8	8	2	107.4	-107.4
9	8	2	100.8	101.3
10	8	2	96.6	96.1
11	8	2	93.0	-90.8
12	8	2	72.4	-72.8
1	9	2*	10.3	-13.6
2	9	2*	10.3	9.0
3	9	2	44.0	44.6
4	9	2	21.2	-21.3
5	9	2	29.9	30.4
6	9	2*	10.3	2.3
7	9	2*	10.3	-6.8
8	9	2*	10.3	1.8
9	9	2*	10.3	8.1

H	K	L	/FO/	/FC/
10	9	2*	10.3	-4.2
11	9	2*	10.3	11.0
12	9	2*	10.3	0.3
0	10	2	97.2	96.0
1	10	2	131.0	-133.0
2	10	2	98.0	-97.8
3	10	2	103.5	103.1
4	10	2	59.1	56.3
5	10	2	98.7	-98.6
6	10	2	56.5	-59.6
7	10	2	105.8	105.1
8	10	2	53.5	53.1
9	10	2	87.6	-87.3
10	10	2	55.8	-57.0
11	10	2	62.9	66.5
1	11	2*	10.3	-16.4
2	11	2	35.8	-40.5
3	11	2	45.5	-45.8
4	11	2*	10.3	4.7
5	11	2*	10.3	9.1
6	11	2*	10.3	14.1
7	11	2*	10.3	-6.8
8	11	2*	10.3	3.9
9	11	2*	10.3	-24.1
10	11	2*	10.3	-5.7
11	11	2*	10.3	-4.9
0	12	2*	10.3	-15.5
1	12	2	104.0	103.6
2	12	2	29.0	31.9
3	12	2	88.7	-91.0
4	12	2	31.9	-27.1
5	12	2	94.3	91.8
6	12	2*	10.3	22.0
7	12	2	85.9	-85.9
8	12	2*	10.3	-17.7
9	12	2	70.1	67.7
10	12	2*	10.3	22.3
11	12	2	49.7	-47.6
1	13	2	27.3	27.3
2	13	2	38.5	-41.3
3	13	2*	10.3	-1.9
4	13	2*	10.3	16.0
5	13	2*	10.3	10.7
6	13	2*	10.3	10.2
7	13	2*	10.3	24.8
8	13	2*	10.3	-5.0
9	13	2*	10.3	5.7
10	13	2*	10.3	3.2
11	13	2*	10.3	1.0
0	14	2	19.3	21.1

H	K	L	/FO/	/FC/ (4)
1	14	2	45.9	-44.7
2	14	2*	10.3	-10.9
3	14	2	37.2	36.2
4	14	2*	10.3	14.4
5	14	2	42.7	-41.3
6	14	2*	10.3	-18.2
7	14	2	45.1	43.0
8	14	2*	10.3	16.3
9	14	2	41.0	-35.7
10	14	2*	10.3	2.0
1	15	2*	10.3	-11.6
2	15	2*	10.3	2.3
3	15	2*	10.3	-0.1
4	15	2*	10.3	-10.1
5	15	2*	10.3	-22.3
6	15	2*	10.3	0.7
7	15	2*	10.3	-4.9
8	15	2*	10.3	3.9
9	15	2*	10.3	7.5
10	15	2*	10.3	-5.5
0	16	2*	10.3	3.4
1	16	2*	10.3	16.9
2	16	2*	10.3	-19.9
3	16	2*	10.3	21.6
4	16	2*	10.3	6.5
5	16	2*	10.3	-15.4
6	16	2*	10.3	-6.7
7	16	2*	10.3	-9.7
8	16	2*	10.3	-5.0
9	16	2*	10.3	7.5
1	17	2*	10.3	-4.1
2	17	2	28.8	32.1
3	17	2*	10.3	7.5
4	17	2*	10.3	-13.3
5	17	2*	10.3	8.9
6	17	2*	10.3	-8.6
7	17	2*	10.3	0.6
8	17	2*	10.3	10.6
9	17	2*	10.3	-0.5
0	18	2*	10.3	11.0
1	18	2*	10.3	3.5
2	18	2*	10.3	3.8
3	18	2	42.7	-41.1
4	18	2*	10.3	9.0
5	18	2	40.7	36.1
6	18	2*	10.3	10.2
7	18	2*	10.3	-11.3
8	18	2*	10.3	3.0
1	19	2*	10.3	-3.8
2	19	2*	10.3	-15.4

H	K	L	/FO/	/FC/
3	19	2*	10.3	-1.6
4	19	2*	10.3	2.6
5	19	2*	10.3	13.4
6	19	2*	10.3	5.0
7	19	2*	10.3	0.3
0	20	2*	10.3	-21.4
1	20	2	46.5	-45.5
2	20	2*	10.3	14.9
3	20	2	59.9	55.1
4	20	2	31.9	-28.7
5	20	2	49.9	-46.5
6	20	2*	10.3	3.9
1	21	2*	10.3	-6.3
2	21	2*	10.3	-20.1
3	21	2*	10.3	1.5
4	21	2*	10.3	11.7
5	21	2*	10.3	-4.9
0	22	2	43.4	40.3
1	22	2	57.0	59.1
2	22	2*	10.3	-32.5
3	22	2	58.5	-57.0
4	22	2	41.4	40.2
1	23	2*	10.3	3.8
2	23	2*	10.3	-0.2
1	0	3	65.3	59.0
3	0	3	26.5	-32.9
5	0	3	14.0	14.9
7	0	3*	10.3	-0.8
9	0	3*	10.3	-4.4
11	0	3*	10.3	-0.6
1	1	3	48.5	-48.0
2	1	3*	10.3	-2.9
3	1	3	75.6	72.7
4	1	3	34.0	-32.9
5	1	3*	10.3	11.3
6	1	3*	10.3	8.3
7	1	3	25.5	-25.1
8	1	3*	10.3	12.6
9	1	3*	10.3	3.7
10	1	3*	10.3	-18.8
11	1	3*	10.3	3.6
12	1	3*	10.3	-7.5
0	2	3	48.6	43.3
1	2	3	48.6	43.2
2	2	3	10.3	12.6
3	2	3*	10.3	-14.9
4	2	3	78.0	-75.0
5	2	3	26.0	23.4
6	2	3	73.6	70.5
7	2	3	17.6	-20.7
8	2	3	47.3	-44.4
9	2	3*	10.3	9.8
10	2	3*	10.3	30.0
11	2	3*	10.3	-4.4
12	2	3*	10.3	-24.6
1	3	3	76.3	75.3
2	3	3	40.8	-39.6
3	3	3	101.1	-97.7
4	3	3*	10.3	-13.1
5	3	3	40.3	-40.4
6	3	3	32.9	30.6
7	3	3*	10.3	16.0
8	3	3*	10.3	12.7
9	3	3*	10.3	2.7
10	3	3*	10.3	-12.6
11	3	3*	10.3	-4.9
12	3	3*	10.3	-1.6
0	4	3	197.5	192.7
1	4	3	48.4	-48.4
2	4	3	140.6	-139.6
3	4	3	82.8	81.3
4	4	3	95.5	91.3
5	4	3	45.5	-44.3
6	4	3	104.7	-99.9
7	4	3*	10.3	15.7
8	4	3	89.7	90.4
9	4	3	27.7	-26.8
10	4	3	71.2	-67.5
11	4	3*	10.3	31.1
12	4	3	51.2	53.7
1	5	3	48.5	42.1
2	5	3*	10.3	-9.5
3	5	3*	10.3	-6.9
4	5	3	36.8	38.4
5	5	3	24.0	22.8
6	5	3*	10.3	-20.9
7	5	3*	10.3	12.5
8	5	3*	10.3	-21.6
9	5	3*	10.3	-3.9
10	5	3*	10.3	17.4
11	5	3*	10.3	5.1
12	5	3*	10.3	10.1
0	6	3	221.2	-216.6
1	6	3	140.5	140.9
2	6	3	155.3	158.7
3	6	3	56.6	-55.5
4	6	3	89.8	-90.0
5	6	3	57.0	55.0
6	6	3	109.4	102.3
7	6	3	78.7	-79.8
8	6	3	101.1	-103.3
9	6	3	67.8	65.6
10	6	3	86.9	84.1
11	6	3	47.2	-48.2
12	6	3	66.7	-66.6
1	7	3*	10.3	-1.1
2	7	3*	10.3	-6.5
3	7	3*	10.3	-2.9
4	7	3*	10.3	-3.6
5	7	3	43.4	-40.8
6	7	3*	10.3	-5.7
7	7	3*	10.3	-8.8
8	7	3*	10.3	4.8
9	7	3*	10.3	18.4
10	7	3*	10.3	-0.7
11	7	3*	10.3	-4.1
12	7	3*	10.3	-7.5
0	8	3	141.4	141.5
1	8	3	122.3	-123.9
2	8	3	140.8	-139.5
3	8	3	124.3	127.4
4	8	3	127.2	128.1
5	8	3	128.8	-128.5
6	8	3	136.2	-132.1
7	8	3	129.4	124.1
8	8	3	97.1	101.5
9	8	3	97.6	-96.3
10	8	3	84.7	-82.5
11	8	3	70.7	71.8
12	8	3	69.7	67.3
1	9	3	35.7	-33.9
2	9	3	52.8	54.1
3	9	3	30.4	31.3
4	9	3*	10.3	-17.2
5	9	3	29.5	25.6
6	9	3	21.7	-20.1
7	9	3*	10.3	-11.3
8	9	3*	10.3	16.9
9	9	3*	10.3	-19.3
10	9	3*	10.3	4.0
11	9	3*	10.3	1.2
0	10	3	90.5	-93.2
1	10	3	184.8	188.1
2	10	3	106.3	105.2
3	10	3	162.4	-163.8
4	10	3	92.1	-93.9
5	10	3	166.5	165.1
6	10	3	105.8	104.8
7	10	3	155.7	-156.4
8	10	3	88.1	-89.1

H	K	L	/FO/	/FC/
9	10	3	120.6	120.0
10	10	3	75.7	77.8
11	10	3	96.3	-98.4
1	11	3	34.5	36.2
2	11	3	58.6	-60.3
3	11	3*	10.3	-18.0
4	11	3*	10.3	-10.1
5	11	3*	10.3	-9.5
6	11	3	32.5	33.0
7	11	3*	10.3	14.8
8	11	3*	10.3	2.7
9	11	3*	10.3	10.3
10	11	3*	10.3	-17.6
11	11	3*	10.3	3.8
0	12	3	107.6	107.4
1	12	3	228.1	-227.7
2	12	3	100.3	-98.7
3	12	3	198.1	202.4
4	12	3	67.2	67.3
5	12	3	173.6	-170.9
6	12	3	77.3	-78.6
7	12	3	156.4	154.8
8	12	3	62.2	63.2
9	12	3	133.4	-139.1
10	12	3	54.8	-56.5
11	12	3	117.7	121.2
1	13	3*	10.3	-10.0
2	13	3*	10.3	3.1
3	13	3*	10.3	-6.2
4	13	3*	10.3	19.4
5	13	3*	10.3	-14.8
6	13	3*	10.3	-12.5
7	13	3*	10.3	-11.9
8	13	3*	10.3	-11.5
9	13	3*	10.3	1.6
10	13	3*	10.3	13.3
0	14	3	34.8	-36.4
1	14	3	201.8	204.1
2	14	3	43.9	44.6
3	14	3	165.6	-170.3
4	14	3	26.8	-29.9
5	14	3	156.6	164.5
6	14	3	35.2	33.4
7	14	3	162.2	-165.9
8	14	3*	10.3	-23.6
9	14	3	144.4	142.2
10	14	3*	10.3	23.5
1	15	3*	10.3	10.5
2	15	3*	10.3	-0.8
3	15	3*	10.3	11.0
4	15	3*	10.3	-7.0
5	15	3*	10.3	4.4
6	15	3*	10.3	-0.5
7	15	3*	10.3	8.4
8	15	3*	10.3	6.2
9	15	3*	10.3	5.7
0	16	3*	10.3	-14.2
1	16	3	179.5	-179.8
2	16	3*	10.3	9.0
3	16	3	180.9	183.9
4	16	3*	10.3	-9.5
5	16	3	182.4	-179.8
6	16	3*	10.3	2.9
7	16	3	160.3	161.4
8	16	3*	10.3	-6.3
9	16	3	133.9	-135.9
1	17	3*	10.3	-4.6
2	17	3*	10.3	4.1
3	17	3*	10.3	-12.0
4	17	3*	10.3	-4.1
5	17	3*	10.3	-1.6
6	17	3*	10.3	-1.8
7	17	3*	10.3	2.9
8	17	3*	10.3	1.1
0	18	3	34.4	31.9
1	18	3	165.2	161.9
2	18	3	22.4	-29.9
3	18	3	154.2	-149.8
4	18	3*	10.3	29.9
5	18	3	140.1	141.1
6	18	3	35.1	-31.2
7	18	3	131.6	-130.4
8	18	3*	10.3	22.6
1	19	3*	10.3	2.8
2	19	3*	10.3	-7.4
3	19	3*	10.3	0.9
4	19	3*	10.3	-2.8
5	19	3*	10.3	-1.4
6	19	3*	10.3	8.7
7	19	3*	10.3	0.8
0	20	3	53.6	-51.9
1	20	3	123.4	-121.7
2	20	3	58.8	56.8
3	20	3	123.2	119.9
4	20	3	50.5	-48.0
5	20	3	104.7	-107.0
6	20	3	46.1	47.6
1	21	3*	10.3	1.3
2	21	3*	10.3	-0.5
3	21	3*	10.3	6.9
4	21	3*	10.3	-3.3
5	21	3*	10.3	-0.7
0	22	3	54.5	55.5
1	22	3	73.1	76.6
2	22	3	62.4	-63.1
3	22	3	78.5	-78.9
4	22	3	58.2	55.5
1	23	3*	10.3	-2.6
0	0	4	340.7	335.1
2	0	4	295.9	-305.4
4	0	4	326.2	319.9
6	0	4	308.8	-302.8
8	0	4	260.0	263.0
10	0	4	175.9	-175.9
12	0	4	147.4	150.2
1	1	4	93.6	87.9
2	1	4	12.1	-13.9
3	1	4	49.5	-49.2
4	1	4	16.9	-16.1
5	1	4	23.0	-17.6
6	1	4*	10.3	14.6
7	1	4	26.7	27.7
8	1	4*	10.3	17.7
9	1	4*	10.3	16.8
10	1	4*	10.3	-12.3
11	1	4*	10.3	-1.4
12	1	4*	10.3	-4.7
0	2	4	429.0	-421.3
1	2	4	70.6	69.6
2	2	4	272.6	282.9
3	2	4	51.7	-52.4
4	2	4	222.1	-217.2
5	2	4	43.6	41.0
6	2	4	254.2	248.7
7	2	4	31.9	-31.4
8	2	4	240.6	-242.0
9	2	4	27.6	26.8
10	2	4	168.5	166.1
11	2	4*	10.3	-30.2
12	2	4	139.3	-143.9
1	3	4*	10.3	0.3
2	3	4*	10.3	-12.4
3	3	4	19.0	-20.3
4	3	4	29.7	27.4
5	3	4*	10.3	1.6
6	3	4*	10.3	-12.7
7	3	4*	10.3	7.3
8	3	4	23.0	-23.2
9	3	4*	10.3	-13.5
10	3	4*	10.3	9.3

H	K	L	/FO/	/FC/
11	3	4*	10.3	2.7
12	3	4*	10.3	5.7
0	4	4	373.3	370.8
1	4	4	154.8	-156.2
2	4	4	276.8	-286.2
3	4	4	102.3	103.0
4	4	4	208.0	204.9
5	4	4	86.5	-82.6
6	4	4	188.2	-183.2
7	4	4	90.4	92.6
8	4	4	194.7	194.5
9	4	4	82.1	-81.6
10	4	4	150.3	-151.8
11	4	4	60.6	60.7
12	4	4	128.1	129.3
1	5	4	21.5	-24.4
2	5	4*	10.3	2.4
3	5	4	31.0	28.7
4	5	4*	10.3	9.8
5	5	4	13.9	-13.3
6	5	4*	10.3	-1.4
7	5	4*	10.3	-16.3
8	5	4*	10.3	2.8
9	5	4*	10.3	10.3
10	5	4*	10.3	7.6
11	5	4*	10.3	-2.9
12	5	4*	10.3	4.2
0	6	4	235.8	-235.0
1	6	4	128.9	129.3
2	6	4	182.5	186.8
3	6	4	105.9	-106.9
4	6	4	177.3	-174.2
5	6	4	121.1	122.2
6	6	4	181.3	182.0
7	6	4	127.5	-127.6
8	6	4	152.8	-157.0
9	6	4	98.3	98.2
10	6	4	116.8	114.0
11	6	4	68.7	-71.9
12	6	4	97.5	-102.1
1	7	4*	10.3	-10.4
2	7	4*	10.3	12.1
3	7	4	31.3	30.5
4	7	4	23.7	-23.0
5	7	4*	10.3	19.4
6	7	4*	10.3	0.6
7	7	4*	10.3	4.5
8	7	4*	10.3	9.3
9	7	4*	10.3	-7.6
10	7	4*	10.3	-11.9
11	7	4*	10.3	5.6
12	7	4*	10.3	-7.4
0	8	4	107.5	104.5
1	8	4	126.8	-127.7
2	8	4	123.5	-125.8
3	8	4	135.8	144.1
4	8	4	135.1	140.7
5	8	4	132.5	-135.7
6	8	4	124.8	-127.2
7	8	4	112.8	112.1
8	8	4	107.2	106.5
9	8	4	87.1	-86.6
10	8	4	82.0	-84.8
11	8	4	71.7	73.3
1	9	4*	10.3	8.6
2	9	4	28.3	-29.7
3	9	4	35.5	-38.1
4	9	4*	10.3	0.5
5	9	4*	10.3	-14.8
6	9	4*	10.3	17.8
7	9	4*	10.3	4.9
8	9	4*	10.3	3.6
9	9	4*	10.3	-7.9
10	9	4*	10.3	-4.9
11	9	4*	10.3	-6.7
0	10	4	102.1	-100.1
1	10	4	128.9	130.8
2	10	4	78.7	79.3
3	10	4	106.7	-106.1
4	10	4	51.5	-49.8
5	10	4	89.3	89.6
6	10	4	59.3	60.7
7	10	4	81.9	-80.4
8	10	4	55.7	-53.9
9	10	4	69.7	73.8
10	10	4	46.4	47.6
11	10	4	74.6	-72.8
1	11	4*	10.3	22.3
2	11	4*	10.3	-15.0
3	11	4*	10.3	6.9
4	11	4*	10.3	11.6
5	11	4*	10.3	-9.3
6	11	4*	10.3	3.9
7	11	4*	10.3	7.1
8	11	4*	10.3	-10.5
9	11	4*	10.3	15.0
10	11	4*	10.3	5.0
11	11	4*	10.3	4.2
0	12	4*	10.3	11.8
1	12	4	91.8	-94.4
2	12	4	37.0	-36.9
3	12	4	92.2	95.7
4	12	4	32.6	32.5
5	12	4	75.6	-74.9
6	12	4*	10.3	-20.7
7	12	4	64.6	63.7
8	12	4*	10.3	6.9
9	12	4	67.7	-64.3
10	12	4*	10.3	-20.7
1	13	4*	10.3	-15.2
2	13	4	24.3	27.3
3	13	4*	10.3	9.0
4	13	4*	10.3	-5.4
5	13	4*	10.3	2.4
6	13	4*	10.3	-17.4
7	13	4*	10.3	-7.3
8	13	4*	10.3	-0.3
9	13	4*	10.3	-2.4
10	13	4*	10.3	5.3
0	14	4*	10.3	-6.8
1	14	4*	10.3	15.0
2	14	4*	10.3	17.7
3	14	4	49.6	-48.5
4	14	4*	10.3	-8.8
5	14	4	56.6	56.5
6	14	4*	10.3	18.4
7	14	4	33.3	-34.3
8	14	4*	10.3	-3.9
9	14	4*	10.3	25.3
1	15	4*	10.3	-2.7
2	15	4*	10.3	-9.3
3	15	4*	10.3	-8.4
4	15	4*	10.3	-7.6
5	15	4*	10.3	3.2
6	15	4*	10.3	14.0
7	15	4*	10.3	1.3
8	15	4*	10.3	8.1
9	15	4*	10.3	-12.5
0	16	4*	10.3	-17.0
1	16	4*	10.3	14.1
2	16	4*	10.3	4.6
3	16	4*	10.3	13.0
4	16	4*	10.3	-13.4
5	16	4*	10.3	-5.9
6	16	4*	10.3	2.8
7	16	4*	10.3	-11.5
8	16	4*	10.3	-5.9
1	17	4*	10.3	11.1
2	17	4*	10.3	-9.6
3	17	4*	10.3	4.0

H	K	L	/FO/	/FC/
4	17	4*	10.3	2.1
5	17	4*	10.3	5.1
6	17	4*	10.3	3.6
7	17	4*	10.3	6.2
8	17	4*	10.3	-8.0
0	18	4*	10.3	-0.9
1	18	4*	10.3	-19.3
2	18	4*	10.3	5.3
3	18	4*	10.3	15.6
4	18	4*	10.3	4.4
5	18	4*	10.3	-22.5
6	18	4*	10.3	5.4
7	18	4	28.4	32.6
1	19	4*	10.3	-7.2
2	19	4*	10.3	-4.7
3	19	4*	10.3	-6.2
4	19	4*	10.3	-2.3
5	19	4*	10.3	-13.1
6	19	4*	10.3	4.7
0	20	4*	10.3	15.3
1	20	4	60.0	58.2
2	20	4*	10.3	-20.0
3	20	4	35.6	-34.9
4	20	4*	10.3	16.7
5	20	4	37.0	34.4
1	21	4*	10.3	10.0
2	21	4*	10.3	13.1
3	21	4*	10.3	2.1
4	21	4*	10.3	-0.7
0	22	4	46.8	-42.8
1	22	4	66.0	-60.6
2	22	4*	10.3	34.7
1	0	5*	10.3	-9.6
3	0	5*	10.3	13.6
5	0	5	30.1	-28.4
7	0	5*	10.3	14.3
9	0	5*	10.3	1.2
11	0	5*	10.3	-7.0
1	1	5*	10.3	0.7
2	1	5*	10.3	7.5
3	1	5*	10.3	2.1
4	1	5*	10.3	9.1
5	1	5	33.4	-32.0
6	1	5*	10.3	7.2
7	1	5*	10.3	0.3
8	1	5*	10.3	-9.4
9	1	5*	10.3	3.7
10	1	5*	10.3	10.0
11	1	5*	10.3	-3.7
12	1	5*	10.3	11.4
0	2	5	32.9	31.2
1	2	5	30.1	-25.2
2	2	5	39.5	-38.4
3	2	5	23.2	17.0
4	2	5	41.4	46.9
5	2	5*	10.3	-18.4
6	2	5	40.1	-35.4
7	2	5	22.3	14.4
8	2	5	34.2	37.0
9	2	5*	10.3	-5.2
10	2	5	32.9	-34.4
11	2	5*	10.3	8.4
12	2	5*	10.3	30.1
1	3	5	38.0	36.3
2	3	5*	10.3	-1.1
3	3	5*	10.3	11.5
4	3	5*	10.3	-3.5
5	3	5*	10.3	8.0
6	3	5*	10.3	2.7
7	3	5*	10.3	9.1
8	3	5*	10.3	-11.6
9	3	5*	10.3	15.8
10	3	5*	10.3	-2.4
11	3	5*	10.3	8.2
12	3	5*	10.3	4.1
0	4	5	126.1	-124.3
1	4	5	33.6	32.3
2	4	5	117.0	117.1
3	4	5	51.2	-53.2
4	4	5	101.2	-104.8
5	4	5	49.4	49.1
6	4	5	73.0	69.9
7	4	5	37.5	-35.1
8	4	5	75.0	-69.4
9	4	5*	10.3	23.7
10	4	5	72.5	70.0
11	4	5*	10.3	-18.8
12	4	5	59.1	-62.2
1	5	5	34.0	-32.5
2	5	5*	10.3	8.0
3	5	5	34.6	-36.1
4	5	5*	10.3	-3.7
5	5	5*	10.3	8.0
6	5	5*	10.3	-3.8
7	5	5*	10.3	-17.7
8	5	5*	10.3	5.3
9	5	5	29.7	-33.5
10	5	5*	10.3	3.6
11	5	5*	10.3	-2.4
0	6	5	94.0	92.1
1	6	5	76.1	-75.4
2	6	5	124.0	-123.7
3	6	5	79.1	79.4
4	6	5	145.4	149.1
5	6	5	77.9	-78.3
6	6	5	93.2	-89.3
7	6	5	61.7	61.3
8	6	5	78.9	77.9
9	6	5	52.6	-53.4
10	6	5	76.5	-76.9
11	6	5	45.9	47.4
1	7	5	69.5	71.6
2	7	5	33.6	-36.7
3	7	5*	10.3	-16.9
4	7	5*	10.3	0.4
5	7	5*	10.3	-14.7
6	7	5*	10.3	16.7
7	7	5	35.5	34.4
8	7	5*	10.3	10.4
9	7	5*	10.3	24.0
10	7	5*	10.3	-7.9
11	7	5*	10.3	0.2
0	8	5	94.0	-94.2
1	8	5	101.0	101.2
2	8	5	110.0	109.5
3	8	5	134.6	-139.1
4	8	5	145.7	-152.4
5	8	5	115.6	118.5
6	8	5	108.1	107.1
7	8	5	81.8	-81.4
8	8	5	86.2	-87.4
9	8	5	83.6	86.1
10	8	5	66.7	70.9
11	8	5	83.0	-83.5
1	9	5	23.7	-25.2
2	9	5	34.3	34.6
3	9	5*	10.3	12.7
4	9	5*	10.3	-4.9
5	9	5	21.7	-22.5
6	9	5*	10.3	-17.8
7	9	5*	10.3	-15.6
8	9	5*	10.3	-13.0
9	9	5*	10.3	0.1
10	9	5*	10.3	11.1
11	9	5*	10.3	-4.7
0	10	5	97.7	99.2
1	10	5	159.1	-160.1
2	10	5	87.5	-87.3
3	10	5	166.8	168.5
4	10	5	101.0	104.5

H	K	L	/FO/	/FC/
5	10	5	146.1	-147.6
6	10	5	74.9	-74.7
7	10	5	114.5	115.5
8	10	5	85.4	84.8
9	10	5	113.1	-113.4
10	10	5	71.3	-66.7
1	11	5*	10.3	4.6
2	11	5*	10.3	7.2
3	11	5*	10.3	7.1
4	11	5*	10.3	-14.3
5	11	5*	10.3	-2.4
6	11	5*	10.3	10.6
7	11	5*	10.3	-6.3
8	11	5*	10.3	12.8
9	11	5*	10.3	11.0
10	11	5*	10.3	-6.2
0	12	5	104.0	-105.0
1	12	5	194.7	191.7
2	12	5	77.1	77.3
3	12	5	176.5	-184.5
4	12	5	78.7	-76.9
5	12	5	158.8	159.5
6	12	5	49.5	49.3
7	12	5	138.1	-137.1
8	12	5	60.6	-60.5
9	12	5	126.9	131.5
10	12	5	53.8	53.3
1	13	5*	10.3	7.6
2	13	5*	10.3	1.6
3	13	5*	10.3	-8.4
4	13	5*	10.3	2.6
5	13	5	19.5	20.0
6	13	5*	10.3	-7.5
7	13	5*	10.3	3.1
8	13	5*	10.3	-8.8
9	13	5*	10.3	-10.8
0	14	5	32.8	28.4
1	14	5	159.1	-161.6
2	14	5	27.3	-31.2
3	14	5	175.9	177.0
4	14	5	50.6	47.7
5	14	5	163.6	-166.7
6	14	5*	10.3	-19.4
7	14	5	142.8	141.6
8	14	5*	10.3	20.7
9	14	5	122.7	-127.2
1	15	5*	10.3	3.6
2	15	5	35.4	-35.7
3	15	5*	10.3	-19.1
4	15	5*	10.3	11.2
5	15	5*	10.3	-13.5
6	15	5*	10.3	13.4
7	15	5*	10.3	-0.7
8	15	5*	10.3	1.5
0	16	5*	10.3	8.5
1	16	5	159.9	155.8
2	16	5*	10.3	-13.8
3	16	5	178.8	-177.2
4	16	5*	10.3	4.9
5	16	5	168.5	168.4
6	16	5*	10.3	0.0
7	16	5	139.5	-140.4
8	16	5*	10.3	1.9
1	17	5*	10.3	12.8
2	17	5*	10.3	11.2
3	17	5*	10.3	10.5
4	17	5*	10.3	-4.4
5	17	5*	10.3	-4.7
6	17	5*	10.3	-4.3
7	17	5*	10.3	6.0
0	18	5	42.8	-32.3
1	18	5	151.6	-151.3
2	18	5	30.9	28.5
3	18	5	141.4	136.2
4	18	5	29.8	-30.8
5	18	5	124.7	-124.0
6	18	5*	10.3	19.9
1	19	5*	10.3	-4.5
2	19	5*	10.3	18.7
3	19	5*	10.3	-8.8
4	19	5*	10.3	-10.4
5	19	5*	10.3	-4.9
6	19	5*	10.3	-9.3
0	20	5	55.5	54.5
1	20	5	128.0	120.6
2	20	5	46.4	-43.9
3	20	5	105.4	-101.9
4	20	5	55.3	50.5
1	21	5*	10.3	2.4
2	21	5*	10.3	-6.8
3	21	5*	10.3	1.1
0	0	6	222.0	-214.2
2	0	6	300.6	304.9
4	0	6	294.0	-296.8
6	0	6	244.6	243.8
8	0	6	171.3	-170.2
10	0	6	181.7	181.5
1	1	6	32.1	-32.0
2	1	6	17.6	18.6
3	1	6*	10.3	-12.2
4	1	6*	10.3	9.1
5	1	6	53.2	-53.2
6	1	6*	10.3	-13.9
7	1	6	24.3	-21.6
8	1	6*	10.3	-7.4
9	1	6*	10.3	1.6
10	1	6*	10.3	8.1
11	1	6*	10.3	-11.2
0	2	6	205.4	197.7
1	2	6	40.5	-41.6
2	2	6	257.4	-264.0
3	2	6	47.1	51.6
4	2	6	246.9	255.7
5	2	6	36.8	-36.0
6	2	6	225.3	-220.0
7	2	6	26.3	17.0
8	2	6	168.0	164.8
9	2	6	37.7	-35.7
10	2	6	169.9	-169.9
11	2	6	46.3	40.9
1	3	6	27.4	-25.5
2	3	6	27.8	28.0
3	3	6	64.0	72.8
4	3	6*	10.3	-8.5
5	3	6	40.3	39.9
6	3	6*	10.3	2.1
7	3	6*	10.3	-7.7
8	3	6*	10.3	4.4
9	3	6*	10.3	6.8
10	3	6*	10.3	-1.9
11	3	6*	10.3	5.6
0	4	6	231.1	-228.6
1	4	6	110.4	107.7
2	4	6	219.8	227.9
3	4	6	94.6	-99.6
4	4	6	189.3	-193.6
5	4	6	86.0	86.3
6	4	6	180.0	180.9
7	4	6	65.9	-66.3
8	4	6	159.2	-160.9
9	4	6	71.9	70.0
10	4	6	150.5	149.7
11	4	6	61.3	-59.1
1	5	6*	10.3	19.6
2	5	6*	10.3	-16.6
3	5	6	35.8	-38.4
4	5	6*	10.3	-9.6
5	5	6*	10.3	-18.9
6	5	6*	10.3	16.2
7	5	6*	10.3	1.4

H	K	L	/FO/	/FC/
8	5	6*	10.3	-2.9
9	5	6*	10.3	-1.5
10	5	6*	10.3	-12.8
11	5	6*	10.3	0.1
0	6	6	182.2	179.4
1	6	6	120.0	-117.5
2	6	6	179.2	-180.8
3	6	6	108.2	107.1
4	6	6	164.5	172.4
5	6	6	110.4	-111.8
6	6	6	130.5	-129.5
7	6	6	96.6	96.1
8	6	6	119.6	120.0
9	6	6	81.1	-82.0
10	6	6	119.2	-120.0
11	6	6	60.5	61.0
1	7	6*	10.3	16.2
2	7	6*	10.3	-2.3
3	7	6	26.4	-29.9
4	7	6	22.8	26.1
5	7	6*	10.3	4.2
6	7	6*	10.3	-5.4
7	7	6*	10.3	1.0
8	7	6*	10.3	-11.3
9	7	6*	10.3	-3.1
10	7	6*	10.3	10.0
11	7	6*	10.3	-1.4
0	8	6	117.0	-115.9
1	8	6	101.8	102.9
2	8	6	112.8	113.5
3	8	6	119.0	-122.6
4	8	6	127.5	-132.8
5	8	6	119.3	122.0
6	8	6	90.1	92.6
7	8	6	89.5	-93.5
8	8	6	84.6	-84.5
9	8	6	79.9	80.6
10	8	6	75.3	74.6
1	9	6*	10.3	13.1
2	9	6*	10.3	13.8
3	9	6*	11.5	15.5
4	9	6*	10.3	4.3
5	9	6*	10.3	6.0
6	9	6*	10.3	-15.7
7	9	6*	10.3	9.6
8	9	6*	10.3	-3.6
9	9	6*	10.3	6.7
10	9	6*	10.3	5.7
0	10	6	59.4	54.9
1	10	6	88.1	-90.6
2	10	6	46.3	-45.4
3	10	6	96.8	97.3
4	10	6	78.3	77.8
5	10	6	92.7	-91.9
6	10	6	56.8	-58.9
7	10	6	75.8	76.9
8	10	6	62.3	57.2
9	10	6	74.3	-73.2
10	10	6	32.2	-31.9
1	11	6*	10.3	-20.3
2	11	6*	10.3	17.3
3	11	6*	10.3	-8.6
4	11	6*	10.3	-10.5
5	11	6*	10.3	-17.4
6	11	6*	10.3	-1.1
7	11	6*	10.3	-15.5
8	11	6*	10.3	10.2
9	11	6*	10.3	-6.0
10	11	6*	10.3	-5.6
0	12	6	46.7	-42.6
1	12	6	96.2	96.6
2	12	6*	10.3	12.0
3	12	6	69.1	-69.9
4	12	6*	10.3	-18.9
5	12	6	60.0	56.6
6	12	6*	10.3	20.0
7	12	6	66.2	-64.2
8	12	6	31.1	-34.0
9	12	6	63.3	60.5
1	13	6*	10.3	14.7
2	13	6*	10.3	11.5
3	13	6*	10.3	18.4
4	13	6*	10.3	-2.4
5	13	6*	10.3	17.4
6	13	6*	10.3	-3.2
7	13	6*	10.3	7.3
8	13	6*	10.3	0.1
9	13	6*	10.3	8.4
0	14	6*	10.3	26.0
1	14	6	54.3	-56.2
2	14	6*	10.3	-14.3
3	14	6*	10.3	24.1
4	14	6*	10.3	10.1
5	14	6*	10.3	-18.7
6	14	6*	10.3	4.6
7	14	6	40.3	37.7
8	14	6*	10.3	7.3
1	15	6*	10.3	-6.5
2	15	6*	10.3	-18.6
3	15	6*	10.3	-15.7
4	15	6*	10.3	7.1
5	15	6*	10.3	-14.1
6	15	6*	10.3	4.6
7	15	6*	10.3	-13.4
8	15	6*	10.3	-2.5
0	16	6*	10.3	2.1
1	16	6*	10.3	-4.9
2	16	6*	10.3	-2.5
3	16	6*	10.3	3.7
4	16	6*	10.3	5.8
5	16	6*	10.3	1.4
6	16	6*	10.3	-10.3
7	16	6*	10.3	-9.5
1	17	6*	10.3	9.2
2	17	6*	10.3	6.8
3	17	6*	10.3	6.8
4	17	6*	10.3	11.2
5	17	6*	10.3	3.4
6	17	6*	10.3	-11.6
0	18	6*	10.3	-9.7
1	18	6*	10.3	26.2
2	18	6*	10.3	-1.6
3	18	6*	10.3	-23.4
4	18	6*	10.3	2.7
5	18	6*	10.3	16.5
6	18	6*	10.3	-6.7
1	19	6*	10.3	-1.6
2	19	6*	10.3	-5.7
3	19	6*	10.3	-3.1
4	19	6*	10.3	-5.1
0	20	6*	10.3	-8.6
1	20	6*	10.3	-32.9
2	20	6*	10.3	16.3
3	20	6	46.5	45.7
1	0	7*	10.3	-7.2
3	0	7*	10.3	6.2
5	0	7*	10.3	21.6
7	0	7*	10.3	-21.7
9	0	7*	10.3	12.0
11	0	7*	10.3	15.1
1	1	7*	10.3	6.4
2	1	7*	10.3	-0.8
3	1	7*	10.3	-10.5
4	1	7*	10.3	3.9
5	1	7*	10.3	12.6
6	1	7*	10.3	-6.0
7	1	7*	10.3	4.2
8	1	7*	10.3	0.6
9	1	7*	10.3	-2.3
10	1	7*	10.3	-1.7

H	K	L	/FO/	/FC/
11	1	7*	10.3	-0.8
0	2	7	106.9	-106.3
1	2	7	19.9	18.5
2	2	7	69.3	73.4
3	2	7*	10.3	-20.9
4	2	7*	10.3	21.4
5	2	7*	10.3	2.4
6	2	7	22.1	21.7
7	2	7*	10.3	-9.2
8	2	7	28.0	-29.3
9	2	7*	10.3	7.8
10	2	7	40.1	38.5
11	2	7*	10.3	-14.3
1	3	7*	10.3	-4.4
2	3	7*	10.3	1.1
3	3	7*	10.3	-8.4
4	3	7*	10.3	0.7
5	3	7*	10.3	-14.1
6	3	7*	10.3	-2.3
7	3	7*	10.3	-1.7
8	3	7*	10.3	5.3
9	3	7*	10.3	3.2
10	3	7*	10.3	2.1
0	4	7	79.7	81.0
1	4	7	35.5	-35.0
2	4	7	108.6	-110.1
3	4	7*	10.3	13.6
4	4	7	42.2	46.1
5	4	7	35.2	-35.0
6	4	7	91.8	-94.4
7	4	7	64.6	59.9
8	4	7	58.5	58.1
9	4	7*	10.3	-29.7
10	4	7	65.9	-64.4
1	5	7*	10.3	-7.7
2	5	7*	10.3	17.0
3	5	7*	10.3	27.3
4	5	7*	10.3	-0.1
5	5	7*	10.3	15.7
6	5	7*	10.3	-10.1
7	5	7*	10.3	-2.4
8	5	7*	10.3	0.9
9	5	7*	10.3	3.2
10	5	7*	10.3	-0.7
0	6	7	50.1	-49.7
1	6	7	53.0	52.6
2	6	7	110.7	111.6
3	6	7	69.7	-68.8
4	6	7	76.8	-81.3
5	6	7	74.5	75.6
6	6	7	130.9	131.5
7	6	7	64.1	-63.9
8	6	7	69.7	-72.6
9	6	7	42.8	44.2
10	6	7	77.4	73.9
1	7	7*	10.3	-4.5
2	7	7*	10.3	-9.6
3	7	7*	10.3	-16.1
4	7	7*	10.3	-0.7
5	7	7*	10.3	-10.7
6	7	7*	10.3	10.5
7	7	7*	10.3	-2.3
8	7	7*	10.3	-2.5
9	7	7*	10.3	-3.3
10	7	7*	10.3	-3.8
0	8	7	103.8	104.6
1	8	7	130.6	-130.5
2	8	7	126.6	-122.5
3	8	7	95.0	93.6
4	8	7	61.3	63.2
5	8	7	80.7	-81.9
6	8	7	114.3	-113.1
7	8	7	75.3	78.1
8	8	7	78.3	77.8
9	8	7	77.2	-76.2
10	8	7	74.6	-71.4
1	9	7*	10.3	1.7
2	9	7*	10.3	1.7
3	9	7*	10.3	6.8
4	9	7*	10.3	10.8
5	9	7*	10.3	17.4
6	9	7*	10.3	-8.5
7	9	7*	10.3	3.1
8	9	7*	10.3	-2.3
9	9	7*	10.3	-2.2
0	10	7	109.9	-111.3
1	10	7	163.9	167.7
2	10	7	99.2	100.4
3	10	7	115.0	-117.7
4	10	7	48.8	-47.6
5	10	7	102.3	107.1
6	10	7	84.7	82.9
7	10	7	114.5	-115.4
8	10	7	63.8	-67.4
9	10	7	114.7	112.7
1	11	7*	10.3	3.8
2	11	7*	10.3	-12.0
3	11	7*	10.3	-9.3
4	11	7*	10.3	-0.2
5	11	7*	10.3	-12.4
6	11	7*	10.3	7.6
7	11	7*	10.3	4.6
8	11	7*	10.3	1.1
9	11	7*	10.3	1.8
0	12	7	71.9	72.3
1	12	7	166.1	-165.3
2	12	7	75.2	-70.4
3	12	7	131.4	129.9
4	12	7	54.8	56.0
5	12	7	143.6	-144.1
6	12	7	57.2	-57.0
7	12	7	148.0	149.9
8	12	7	49.8	52.6
1	13	7*	10.3	-0.9
2	13	7*	10.3	19.1
3	13	7*	10.3	2.7
4	13	7*	10.3	1.4
5	13	7*	10.3	-1.7
6	13	7*	10.3	-12.9
7	13	7*	10.3	1.8
8	13	7*	10.3	3.6
0	14	7	28.9	-31.7
1	14	7	145.6	146.6
2	14	7*	10.3	22.5
3	14	7	145.0	-147.2
4	14	7	35.2	-31.5
5	14	7	149.5	150.0
6	14	7*	10.3	20.1
7	14	7	133.5	-133.0
1	15	7*	10.3	0.7
2	15	7*	10.3	3.2
3	15	7*	10.3	4.7
4	15	7*	10.3	-4.0
5	15	7*	10.3	1.8
6	15	7*	10.3	2.9
7	15	7*	10.3	1.3
0	16	7*	10.3	0.3
1	16	7	165.6	-158.7
2	16	7*	10.3	15.4
3	16	7	147.2	144.8
4	16	7*	10.3	3.7
5	16	7	136.0	-135.7
6	16	7*	10.3	9.2
1	17	7*	10.3	-7.0
2	17	7*	10.3	0.6
3	17	7*	10.3	-0.3
4	17	7*	10.3	4.2
5	17	7*	10.3	-1.0
0	18	7*	10.3	16.9
1	18	7	132.0	129.0

H	K	L	/FO/	/FC/
2	18	7	35.7	-35.6
3	18	7	128.8	-122.7
4	18	7*	10.3	14.6
1	19	7*	10.3	4.4
2	19	7*	10.3	-2.9
3	19	7*	10.3	4.1
0	0	8	241.7	234.5
2	0	8	258.6	-268.4
4	0	8	174.3	185.5
6	0	8	212.9	-209.2
8	0	8	158.5	160.1
10	0	8	161.3	-156.8
1	1	8*	10.3	4.3
2	1	8*	10.3	-7.9
3	1	8*	10.3	-10.9
4	1	8*	10.3	7.4
5	1	8	33.5	-31.6
6	1	8*	10.3	-4.0
7	1	8*	10.3	-7.7
8	1	8*	10.3	-0.6
9	1	8*	10.3	17.6
10	1	8*	10.3	0.8
0	2	8	200.0	-190.5
1	2	8	41.6	40.0
2	2	8	220.9	223.8
3	2	8	33.7	-33.3
4	2	8	166.6	-175.7
5	2	8	31.5	25.3
6	2	8	199.5	199.2
7	2	8	22.7	-23.4
8	2	8	152.3	-155.9
9	2	8	40.5	39.1
10	2	8	148.4	145.7
1	3	8*	10.3	-16.8
2	3	8*	10.3	19.4
3	3	8	37.0	33.9
4	3	8*	10.3	-5.3
5	3	8*	10.3	14.4
6	3	8*	10.3	-5.4
7	3	8*	10.3	1.3
8	3	8*	10.3	3.2
9	3	8*	10.3	-8.7
10	3	8*	10.3	1.0
0	4	8	194.9	187.7
1	4	8	68.6	-65.4
2	4	8	176.6	-180.9
3	4	8	73.9	74.6
4	4	8	134.9	141.8
5	4	8	68.2	-73.1
6	4	8	169.8	-174.9
7	4	8	60.9	62.1
8	4	8	152.3	149.2
9	4	8	64.8	-61.1
10	4	8	129.4	-124.3
1	5	8*	10.3	15.0
2	5	8*	10.3	-3.7
3	5	8	25.1	-23.9
4	5	8*	10.3	-5.8
5	5	8*	10.3	-9.1
6	5	8*	10.3	3.7
7	5	8*	10.3	3.8
8	5	8*	10.3	5.0
9	5	8*	10.3	3.8
0	6	8	181.4	-172.3
1	6	8	112.6	107.8
2	6	8	159.5	152.7
3	6	8	83.7	-86.6
4	6	8	116.4	-120.5
5	6	8	91.0	88.9
6	6	8	112.2	112.2
7	6	8	80.2	-81.6
8	6	8	112.3	-114.6
9	6	8	70.9	71.9
1	7	8*	10.3	-2.7
2	7	8*	10.3	0.6
3	7	8*	10.3	-2.0
4	7	8*	10.3	11.5
5	7	8*	10.3	6.0
6	7	8*	10.3	-4.5
7	7	8*	10.3	2.4
8	7	8*	10.3	-6.8
9	7	8*	10.3	-7.8
0	8	8	112.6	112.8
1	8	8	97.1	-99.8
2	8	8	97.6	-95.4
3	8	8	90.4	90.2
4	8	8	106.1	106.6
5	8	8	90.6	-91.7
6	8	8	75.3	-76.9
7	8	8	80.1	82.5
8	8	8	71.3	74.0
9	8	8	76.1	-75.6
1	9	8*	10.3	-3.2
2	9	8*	10.3	2.0
3	9	8*	10.3	11.9
4	9	8*	10.3	0.3
5	9	8*	10.3	2.5
6	9	8*	10.3	-5.6
7	9	8*	10.3	-2.5
8	9	8*	10.3	3.4
0	10	8	45.2	-44.6
1	10	8	68.6	65.6
2	10	8*	10.3	32.4
3	10	8	36.0	-36.3
4	10	8	71.3	-75.6
5	10	8	64.3	69.4
6	10	8	47.3	50.0
7	10	8	65.9	-66.3
8	10	8	52.2	-50.5
1	11	8*	10.3	-5.3
2	11	8*	10.3	5.2
3	11	8*	10.3	-2.1
4	11	8*	10.3	-7.4
5	11	8*	10.3	-10.3
6	11	8*	10.3	4.2
7	11	8*	10.3	0.2
8	11	8*	10.3	3.5
0	12	8	42.6	42.1
1	12	8	75.7	-71.5
2	12	8*	10.3	-3.1
3	12	8	62.0	64.1
4	12	8*	10.3	22.6
5	12	8	55.1	-57.0
6	12	8*	10.3	-15.5
7	12	8	54.5	51.5
1	13	8*	10.3	4.1
2	13	8*	10.3	9.1
3	13	8*	10.3	4.2
4	13	8*	10.3	0.9
5	13	8*	10.3	8.6
6	13	8*	10.3	-3.5
7	13	8*	10.3	4.8
0	14	8	32.2	-27.9
1	14	8	46.4	45.7
2	14	8*	10.3	5.0
3	14	8	34.1	-30.0
4	14	8*	10.3	-14.3
5	14	8*	10.3	16.8
6	14	8*	10.3	-9.4
1	15	8*	10.3	-3.7
2	15	8*	10.3	-10.8
3	15	8*	10.3	-5.0
4	15	8*	10.3	0.3
5	15	8*	10.3	-6.0
0	16	8*	10.3	0.9
1	16	8*	10.3	10.9
2	16	8*	10.3	5.5
3	16	8*	10.3	5.1
4	16	8*	10.3	5.2
5	16	8*	10.3	-7.4

H	K	L	/FO/	/FC/
1	17	8*	10.3	2.6
2	17	8*	10.3	14.0
3	17	8*	10.3	3.7
0	18	8*	10.3	-0.5
1	18	8	41.2	-38.7
2	18	8*	10.3	-2.0
1	0	9*	10.3	-6.3
3	0	9*	10.3	-3.8
5	0	9*	10.3	-3.4
7	0	9*	10.3	9.7
9	0	9*	10.3	-7.4
1	1	9*	10.3	1.2
2	1	9*	10.3	3.8
3	1	9*	10.3	0.0
4	1	9*	10.3	-3.6
5	1	9*	10.3	10.9
6	1	9*	10.3	-4.0
7	1	9*	10.3	1.9
8	1	9*	10.3	9.4
9	1	9*	10.3	-5.0
0	2	9	54.0	46.1
1	2	9*	10.3	-15.3
2	2	9	43.4	-41.3
3	2	9*	10.3	11.0
4	2	9*	10.3	17.9
5	2	9*	10.3	-4.9
6	2	9*	10.3	-23.1
7	2	9*	10.3	10.1
8	2	9*	10.3	24.8
9	2	9*	10.3	-7.4
1	3	9*	10.3	-5.8
2	3	9*	10.3	-0.3
3	3	9*	10.3	-11.0
4	3	9*	10.3	-0.5
5	3	9*	10.3	-12.0
6	3	9*	10.3	-0.7
7	3	9*	10.3	1.6
8	3	9*	10.3	7.9
9	3	9*	10.3	-4.2
0	4	9	47.2	-47.4
1	4	9	31.0	30.0
2	4	9	77.5	78.1
3	4	9	23.2	-26.5
4	4	9	73.7	-76.5
5	4	9*	10.3	31.0
6	4	9	55.8	59.0
7	4	9*	10.3	-33.2
8	4	9	40.3	-40.4
9	4	9*	10.3	21.4
1	5	9*	10.3	-0.9
2	5	9*	10.3	5.2
3	5	9	28.5	28.9
4	5	9*	10.3	-0.5
5	5	9*	10.3	5.0
6	5	9*	10.3	1.0
7	5	9*	10.3	3.2
8	5	9*	10.3	-6.8
0	6	9	50.5	49.7
1	6	9	37.8	-40.8
2	6	9	37.1	-39.3
3	6	9	69.1	66.8
4	6	9	97.3	101.3
5	6	9	59.4	-63.3
6	6	9	75.9	-77.1
7	6	9	40.6	40.6
8	6	9	51.2	50.7
1	7	9*	10.3	-10.8
2	7	9*	10.3	0.7
3	7	9*	10.3	-3.6
4	7	9*	10.3	-4.4
5	7	9*	10.3	-5.5
6	7	9*	10.3	2.6
7	7	9*	10.3	-14.5
8	7	9*	10.3	1.3
0	8	9	68.9	-68.7
1	8	9	78.1	78.4
2	8	9	84.3	87.6
3	8	9	97.9	-98.5
4	8	9	90.8	-90.4
5	8	9	85.1	85.0
6	8	9	73.1	73.9
7	8	9	49.9	-55.7
8	8	9	57.3	-60.1
1	9	9*	10.3	8.3
2	9	9*	10.3	2.8
3	9	9*	10.3	-2.1
4	9	9*	10.3	1.4
5	9	9*	10.3	18.3
6	9	9*	10.3	-0.3
7	9	9*	10.3	7.7
0	10	9	73.8	71.5
1	10	9	116.5	-117.7
2	10	9	70.5	-71.2
3	10	9	116.7	119.1
4	10	9	75.9	73.5
5	10	9	99.9	-103.9
6	10	9	58.7	-60.4
7	10	9	88.2	85.1
1	11	9*	10.3	3.6
2	11	9*	10.3	-17.4
3	11	9*	10.3	-13.0
4	11	9*	10.3	7.9
5	11	9*	10.3	-4.4
6	11	9*	10.3	2.9
7	11	9*	10.3	5.1
0	12	9	53.1	-53.2
1	12	9	125.0	124.1
2	12	9	53.6	53.9
3	12	9	131.6	-134.7
4	12	9	62.3	-63.7
5	12	9	123.6	127.1
6	12	9	42.7	40.1
1	13	9*	10.3	-7.0
2	13	9*	10.3	12.4
3	13	9*	10.3	10.3
4	13	9*	10.3	-4.1
5	13	9*	10.3	-4.6
0	14	9	32.2	29.8
1	14	9	122.3	-119.8
2	14	9*	10.3	-19.8
3	14	9	136.4	135.7
4	14	9	29.6	26.7
5	14	9	127.3	-127.6
1	15	9*	10.3	-1.2
2	15	9*	10.3	11.4
3	15	9*	10.3	6.9
4	15	9*	10.3	-8.6
0	16	9*	10.3	3.5
1	16	9	123.6	123.8
2	16	9*	10.3	-10.5
0	0	10	169.2	-165.4
2	0	10	178.2	177.0
4	0	10	173.1	-166.0
6	0	10	164.0	166.2
8	0	10	141.1	-142.1
1	1	10*	10.3	34.1
2	1	10*	10.3	-3.3
3	1	10*	10.3	-28.5
4	1	10*	10.3	-10.0
5	1	10*	10.3	-13.1
6	1	10*	10.3	11.3
7	1	10*	10.3	20.4
8	1	10*	10.3	4.6
0	2	10	176.7	170.1
1	2	10*	10.3	-33.3
2	2	10	169.6	-168.4
3	2	10	35.3	33.2
4	2	10	155.2	163.4
5	2	10*	10.3	-27.2
6	2	10	148.1	-147.5

H	K	L	/FO/	/FC/
7	2	10*	10.3	19.8
8	2	10	132.7	131.7
1	3	10*	10.3	0.1
2	3	10*	10.3	-5.0
3	3	10*	10.3	-14.8
4	3	10*	10.3	11.2
5	3	10*	10.3	16.6
6	3	10*	10.3	-8.0
7	3	10*	10.3	-0.9
0	4	10	162.1	-158.2
1	4	10	66.9	65.3
2	4	10	142.6	149.1
3	4	10	61.7	-61.7
4	4	10	133.9	-138.8
5	4	10*	10.3	59.2
6	4	10	120.0	122.1
7	4	10	50.4	-52.0
1	5	10*	10.3	-3.7
2	5	10*	10.3	0.2
3	5	10*	10.3	9.6
4	5	10*	10.3	1.1
5	5	10*	10.3	-14.1
6	5	10*	10.3	-1.4
7	5	10*	10.3	-2.6
0	6	10	120.7	119.0
1	6	10	75.6	-76.3
2	6	10	112.7	-113.9
3	6	10	71.8	73.8
4	6	10	111.6	115.2
5	6	10	70.8	-76.3
6	6	10	98.4	-102.3
7	6	10	63.2	71.2
1	7	10*	10.3	-9.9
2	7	10*	10.3	16.6
3	7	10*	10.3	17.8
4	7	10*	10.3	-12.6
5	7	10*	10.3	10.2
6	7	10*	10.3	-6.1
7	7	10*	10.3	-5.2
0	8	10	70.7	-72.0
1	8	10	76.2	77.9
2	8	10	74.3	76.2
3	8	10	76.7	-77.2
4	8	10	83.3	-87.3
5	8	10	72.9	76.1
6	8	10	70.7	71.2
1	9	10*	10.3	-1.1
2	9	10*	10.3	-9.0
3	9	10*	10.3	-11.1
4	9	10*	10.3	-2.6
5	9	10*	10.3	-1.1
6	9	10*	10.3	10.5
0	10	10	51.0	49.9
1	10	10	69.8	-71.4
2	10	10	49.1	-44.0
3	10	10	75.3	70.6
4	10	10	40.6	42.6
5	10	10	65.2	-62.1
1	11	10*	10.3	8.1
2	11	10*	10.3	-17.3
3	11	10*	10.3	-2.3
4	11	10*	10.3	10.7
5	11	10*	10.3	2.4
0	12	10*	10.3	-23.5
1	12	10	57.5	56.6
2	12	10*	10.3	20.9
3	12	10	46.8	-50.7
4	12	10*	10.3	-16.7
1	13	10*	10.3	-5.7
2	13	10*	10.3	10.2
3	13	10*	10.3	3.7
0	14	10*	10.3	3.7
1	14	10*	10.3	-24.8
2	14	10*	10.3	-3.2
1	0	11*	10.3	9.9
3	0	11*	10.3	-1.5
5	0	11*	10.3	-1.2
1	1	11*	10.3	3.4
2	1	11*	10.3	-4.0
3	1	11*	10.3	-5.6
4	1	11*	10.3	9.5
5	1	11*	10.3	-0.7
6	1	11*	10.3	0.0
0	2	11*	10.3	-11.6
1	2	11*	10.3	7.9
2	2	11*	10.3	18.3
3	2	11*	10.3	-8.6
4	2	11*	10.3	-25.1
5	2	11*	10.3	9.6
6	2	11	52.3	40.2
1	3	11*	10.3	-5.2
2	3	11*	10.3	-4.7
3	3	11*	10.3	11.1
4	3	11*	10.3	1.9
5	3	11*	10.3	2.7
6	3	11*	10.3	0.5
0	4	11	66.7	66.5
1	4	11	39.0	-35.2
2	4	11	57.6	-59.1
3	4	11*	10.3	25.9
4	4	11	33.6	37.3
5	4	11*	10.3	-16.6
6	4	11	46.0	-53.0
1	5	11*	10.3	-2.1
2	5	11*	10.3	3.3
3	5	11*	10.3	-0.7
4	5	11*	10.3	-4.2
5	5	11*	10.3	0.4
0	6	11	90.5	-90.5
1	6	11	53.9	57.0
2	6	11	78.1	79.3
3	6	11*	10.3	-36.6
4	6	11	46.0	-46.2
5	6	11	22.8	33.1
1	7	11*	10.3	7.4
2	7	11*	10.3	-3.4
3	7	11*	10.3	-11.1
4	7	11*	10.3	-1.0
5	7	11*	10.3	-2.2
0	8	11	74.6	71.3
1	8	11	73.8	-67.9
2	8	11	61.9	-69.0
3	8	11	59.6	61.4
4	8	11	51.5	53.2
1	9	11*	10.3	2.9
2	9	11*	10.3	-1.7
3	9	11*	10.3	5.4
4	9	11*	10.3	3.9
0	10	11	66.6	-58.0
1	10	11	103.4	98.5
2	10	11	60.5	56.3
3	10	11	83.0	-84.2
1	11	11*	10.3	-11.7
0	0	12	141.4	132.6
2	0	12	146.0	-149.6
1	1	12*	10.3	2.1
2	1	12*	10.3	-0.6
3	1	12*	10.3	-15.2
0	2	12	138.7	-133.6
1	2	12*	10.3	20.7
2	2	12	144.9	142.5
3	2	12*	10.3	-27.8
1	3	12*	10.3	-6.5
2	3	12*	10.3	3.5
3	3	12*	10.3	11.7
0	4	12	115.2	115.3
1	4	12	61.4	-50.4
2	4	12	128.6	-123.9
3	4	12	47.1	49.1
1	5	12*	10.3	9.2
2	5	12*	10.3	-11.2
0	6	12	83.9	-82.7
1	6	12	64.1	63.5
2	6	12	89.4	92.9

End of supplemental material.