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Thermal behaviour of the crystal structure of strontian piemontite

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Abstract

Unit-cell constants of a strontian-piemontite sample from S. Marcel (Val d'Aosta, Italy) with composition $Ca_{1.80}Sr_{0.20}Al_{1.91}Fe_{0.08}Mn_{0.88}Si_3O_{12}OH$ were measured at several temperatures by single-crystal X-ray diffractometry (MoKα radiation). Values at 25 and 800°C were a = 8.884(3), b = 5.684(1), c = 10.202(3)A, ß = 115.23(2)°; and a = 8.934(9), b = 5.727(4), c = 10.30(1)A, ß = 115.26(9)°, respectively; space group $P2_1/m$; principal coefficients of thermal expansion 0.72, 0.98 and $1.29\times10^{-5}K^{-1}$. Sets of 3385 and 2180 independent intensity data were measured at 25 and 800°C, respectively, and the corresponding least-squares refinements of the crystal structure converged to R = 0.041 and 0.056. The thermal-expansion ellipsoid is symmetrically oriented with respect to **a** and **c**. A significant shrinking of the Si_2O_7 group, with opening of the Si-O-Si angle, is observed at high temperature. A large and very anisotropic mean expansion ($1.4\times10^{-5}K^{-1}$) occurs for the (Mn,Fe) coordination octahedron [M(3) site]. The relation between thermal expansion of the lattice and of coordination polyhedra is accounted for by a correlated tilting of polyhedra at high temperature. No deprotonation can be detected before the breakdown of the structure (880°C); the dehydration products have been identified.

Anisotropic thermal parameters $B_{i,j}$ (Å) for piemontite at 25 (upper) and 800°C (lower) of the expression $\Sigma\Sigma\exp[-(1/4)(B_{i,j}h_ih_ja^*_ia^*_j)]$. Esd's are in parentheses.

	B_{11}	B_{22}	B_{33}	B_{12}	B_{13}	B_{23}
A(1)	1.04(2)	0.78(1)	0.78(1)	–	0.59(1)	–
	2.85(5)	2.24(5)	2.26(3)	–	1.75(3)	–
A(2)	0.88(1)	1.33(1)	0.56(1)	–	0.22(9)	–
	2.22(3)	3.87(5)	1.74(3)	–	0.78(3)	–
M(1)	0.42(2)	0.42(2)	0.50(2)	-0.02(1)	0.16(1)	0.02(1)
	1.12(3)	1.12(4)	1.32(3)	-0.13(4)	0.51(3)	-0.11(4)
M(2)	0.40(2)	0.41(2)	0.51(2)	-0.03(2)	0.18(2)	-0.03(2)
	1.15(5)	1.18(5)	1.46(3)	-0.06(4)	0.54(3)	-0.02(4)
M(3)	0.37(1)	0.56(1)	0.53(1)	–	0.16(1)	–
	0.96(2)	1.70(3)	1.53(3)	–	0.50(2)	–
Si(1)	0.49(2)	0.53(2)	0.51(2)	–	0.21(1)	–
	1.15(5)	1.29(5)	1.18(3)	–	0.60(3)	–
Si(2)	0.45(2)	0.55(2)	0.53(2)	–	0.21(1)	–
	1.02(5)	1.39(5)	1.18(3)	–	0.54(3)	–
Si(3)	0.47(2)	0.57(2)	0.54(2)	–	0.26(1)	–
	1.02(5)	1.31(5)	1.15(3)	–	0.60(3)	–
O(1)	0.76(3)	0.64(3)	1.13(4)	0.13(3)	0.50(3)	0.09(3)
	1.72(8)	2.1(1)	2.7(1)	0.31(9)	1.26(9)	0.4(1)
O(2)	0.71(3)	0.76(4)	0.80(3)	-0.18(3)	0.32(3)	0.03(3)
	1.88(8)	2.1(1)	2.0(1)	-0.52(9)	0.90(9)	0.02(9)
O(3)	0.54(3)	0.63(4)	0.86(3)	0.07(3)	-0.00(3)	-0.06(3)
	1.59(8)	1.5(1)	2.0(1)	0.26(7)	0.24(9)	-0.02(9)
O(4)	0.67(4)	0.56(5)	0.69(5)	–	0.32(4)	–
	1.3(1)	1.8(1)	1.2(1)	–	0.54(9)	–
O(5)	0.57(4)	0.90(5)	0.60(5)	–	0.13(4)	–
	1.5(1)	2.1(2)	1.2(1)	–	0.51(9)	–
O(6)	0.77(5)	0.53(5)	0.77(5)	–	0.48(4)	–
	1.9(1)	1.8(1)	1.9(1)	–	1.4(1)	–
O(7)	0.68(5)	1.02(6)	0.76(5)	–	0.12(4)	–
	1.5(1)	3.1(2)	1.7(1)	–	0.2(1)	–
O(8)	0.67(5)	1.41(6)	0.97(6)	–	0.47(4)	–
	1.3(1)	4.0(2)	2.7(2)	–	1.31(1)	–

O(9)	1.48(6)	1.82(8)	0.71(6)	–	0.60(5)	–
	4.3(2)	5.0(3)	1.5(1)	–	1.7(2)	–
O(10)	0.67(4)	0.64(5)	0.69(5)	–	0.40(4)	–
	1.9(1)	1.1(1)	2.0(1)	–	1.3(1)	–

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
0	0	1	5.7	5.6	0	0	2	2.7	1.0	0	0	3	34.7	33.4	0	0	4	6.5	3.7	0	0	5	29.5	30.6
0	0	6	38.6	39.1	0	0	7	27.6	26.6	0	0	8	7.8	7.2	0	0	9	14.5	14.9	0	0	10	7.0	5.8
0	0	11	38.8	39.0	0	0	12	21.6	21.7	0	0	13	12.8	12.5	0	0	14	31.1	30.3	0	0	15	13.6	13.6
0	0	16	11.7	10.6	0	0	17	5.5	3.7	0	0	18	12.4	11.2	0	1	1	4.2	2.0	0	1	2	8.6	8.1
0	1	3	87.1	89.8	0	1	4	28.9	27.0	0	1	5	36.0	34.2	0	1	7	47.3	48.1	0	1	8	53.6	56.0
0	1	9	6.5	6.5	0	1	10	8.1	8.9	0	1	11	34.9	33.7	0	1	12	8.6	8.9	0	1	13	15.2	15.2
0	1	14	4.8	4.2	0	1	15	6.2	5.2	0	1	16	8.5	8.4	0	1	17	10.6	11.6	0	1	18	11.7	12.2
0	2	0	130.3	134.8	0	2	1	4.8	3.3	0	2	2	85.3	86.4	0	2	3	86.5	83.6	0	2	4	36.1	36.0
0	2	5	13.6	14.2	0	2	6	61.2	66.2	0	2	7	49.9	53.8	0	2	8	52.6	54.2	0	2	10	14.7	13.2
0	2	11	40.3	40.0	0	2	12	8.8	8.7	0	2	13	6.4	6.9	0	2	14	6.1	5.7	0	2	15	11.5	12.9
0	2	16	14.6	14.9	0	2	17	9.0	9.3	0	3	1	2.8	0.6	0	3	2	6.9	6.0	0	3	3	67.4	66.1
0	3	4	16.7	16.6	0	3	5	28.1	27.7	0	3	6	6.4	6.3	0	3	7	39.3	41.6	0	3	8	45.4	46.4
0	3	9	9.2	9.0	0	3	10	8.7	8.9	0	3	11	31.2	30.8	0	3	12	10.6	10.1	0	3	13	16.0	16.2
0	3	14	5.2	4.8	0	3	15	6.4	5.8	0	3	16	6.9	5.5	0	3	17	7.7	9.7	0	4	0	214.7	220.8
0	4	1	5.8	5.2	0	4	3	13.5	14.4	0	4	4	12.9	12.8	0	4	5	19.1	18.9	0	4	6	25.6	25.3
0	4	7	20.5	20.4	0	4	8	5.3	4.8	0	4	9	10.8	9.8	0	4	10	5.0	4.4	0	4	11	32.5	32.0
0	4	12	17.0	16.9	0	4	13	9.2	8.7	0	4	14	25.6	25.4	0	4	15	11.6	11.0	0	4	16	8.8	9.1
0	5	2	6.1	4.7	0	5	3	52.9	52.2	0	5	4	6.7	5.9	0	5	5	20.5	19.9	0	5	6	4.1	1.8
0	5	7	31.1	31.6	0	5	8	37.3	37.4	0	5	9	4.4	1.9	0	5	10	4.5	4.1	0	5	11	23.4	23.4
0	5	12	6.3	4.9	0	5	13	11.1	10.8	0	5	16	7.3	7.5	0	6	0	58.1	60.3	0	6	2	44.3	44.0
0	6	3	25.9	26.4	0	6	4	18.0	17.3	0	6	5	6.9	7.5	0	6	6	32.6	33.3	0	6	7	27.6	27.6
0	6	8	31.2	31.5	0	6	10	11.5	10.7	0	6	11	27.9	27.1	0	6	13	6.1	5.8	0	6	14	5.3	4.9
0	6	15	8.2	8.8	0	7	2	4.3	2.3	0	7	3	32.0	31.9	0	7	5	16.0	16.0	0	7	6	6.5	6.4
0	7	7	23.5	23.3	0	7	8	25.4	25.9	0	7	10	5.6	3.5	0	7	11	19.9	19.4	0	7	12	6.8	7.3
0	7	13	13.8	13.2	0	8	0	89.7	91.0	0	8	1	5.3	5.0	0	8	4	10.5	10.1	0	8	5	8.9	10.6
0	8	6	11.4	11.8	0	8	7	13.1	11.7	0	8	10	6.4	2.1	0	8	11	20.2	20.0	0	8	12	9.6	8.5
0	9	3	25.2	25.1	0	9	5	10.6	10.9	0	9	7	16.4	15.7	0	9	8	20.1	21.1	0	9	10	5.6	1.3
0	9	11	10.8	11.3	0	10	0	28.8	28.5	0	10	2	21.5	21.9	0	10	3	12.1	12.6	0	10	4	8.8	8.9
0	10	6	14.8	14.2	0	10	7	9.1	10.3	0	10	8	13.9	13.8	0	11	3	12.0	13.7	1	0	-18	8.5	8.3
1	0	-17	7.1	8.2	1	0	-14	11.7	11.3	1	0	-13	6.7	6.3	1	0	-12	7.1	5.9	1	0	-11	22.8	23.1
1	0	-10	50.8	51.1	1	0	-9	12.9	12.4	1	0	-8	10.0	11.4	1	0	-7	30.3	31.2	1	0	-6	133.4	134.3
1	0	-5	33.3	32.8	1	0	-4	41.2	42.6	1	0	-3	11.8	11.9	1	0	-2	59.9	59.9	1	0	-1	24.6	24.3
1	0	0	11.5	10.6	1	0	1	8.1	7.2	1	0	2	51.6	48.3	1	0	3	5.6	3.9	1	0	4	14.6	15.4
1	0	5	47.3	47.9	1	0	6	14.2	14.3	1	0	7	11.5	10.8	1	0	8	71.1	72.5	1	0	9	6.1	5.4
1	0	10	16.5	15.1	1	0	11	26.6	26.2	1	0	12	32.8	32.5	1	0	13	23.8	24.6	1	0	15	26.5	25.7
1	0	16	17.2	16.7	1	1	-17	8.7	10.1	1	1	-16	6.6	3.7	1	1	-15	12.2	11.7	1	1	-14	38.4	38.4
1	1	-13	23.7	24.1	1	1	-12	7.4	7.4	1	1	-10	17.4	17.5	1	1	-9	28.8	28.3	1	1	-8	8.5	8.3
1	1	-7	5.4	5.6	1	1	-6	19.4	19.6	1	1	-5	43.7	43.8	1	1	-4	33.5	32.4	1	1	-3	142.8	148.8
1	1	-2	13.8	12.9	1	1	-1	13.7	13.5	1	1	0	21.6	20.4	1	1	1	23.4	24.0	1	1	2	22.2	22.2
1	1	3	42.0	40.7	1	1	4	46.2	45.3	1	1	5	79.3	79.9	1	1	6	5.6	3.3	1	1	7	9.0	8.8
1	1	8	22.1	22.0	1	1	9	18.5	18.0	1	1	11	30.1	28.7	1	1	12	24.7	25.0	1	1	13	10.5	10.3
1	1	14	15.6	16.4	1	1	15	14.0	13.5	1	1	16	21.2	21.2	1	1	17	12.0	12.4	1	2	-18	6.7	5.5
1	2	-17	10.9	11.1	1	2	-14	14.0	14.4	1	2	-13	12.1	12.0	1	2	-12	45.3	45.9	1	2	-11	12.6	12.7
1	2	-10	11.2	10.6	1	2	-9	14.4	15.2	1	2	-8	53.9	53.6	1	2	-7	10.0	11.5	1	2	-6	23.8	24.2
1	2	-5	3.4	2.8	1	2	-4	56.3	55.3	1	2	-3	55.7	56.2	1	2	-2	48.4	50.4	1	2	-1	3.5	2.0
1	2	0	75.8	75.9	1	2	1	13.5	13.2	1	2	2	20.7	21.5	1	2	3	27.2	25.9	1	2	4	67.7	68.3
1	2	5	24.1	24.1	1	2	6	36.8	38.4	1	2	7	11.1	10.3	1	2	8	44.0	43.2	1	2	9	8.5	8.4
1	2	10	52.3	51.8	1	2	11	14.7	15.0	1	2	12	9.9	9.5	1	2	13	14.1	13.0	1	2	14	12.5	11.8
1	2	15	20.0	20.1	1	2	16	8.5	8.7	1	3	-18	5.6	3.3	1	3	-17	9.2	8.4	1	3	-15	10.2	9.7
1	3	-14	35.8	35.2	1	3	-13	18.1	18.5	1	3	-10	20.6	20.3	1	3	-9	28.5	29.2	1	3	-8	8.1	7.5
1	3	-7	10.5	10.9	1	3	-6	7.6	7.1	1	3	-5	30.8	32.0	1	3	-4	15.9	15.8	1	3	-3	93.5	96.7
1	3	-2	17.0	16.2	1	3	-1	9.9	9.3	1	3	0	35.2	34.5	1	3	1	25.2	24.2	1	3	2	14.0	14.1
1	3	3	18.6	19.2	1	3	4	41.4	42.5	1	3	5	67.2	68.4	1	3	6	5.1	3.8	1	3	8	20.9	22.1
1	3	9	17.4	17.7	1	3	10	4.8	2.5	1	3	11	23.7	23.7	1	3	12	21.5	22.4	1	3	13	6.6	6.6
1	3	14	16.8	16.6	1	3	15	13.2	13.6	1	3	16	21.5	21.3	1	3	17	9.7	12.2	1	4	-17	5.7	6.9
1	4	-16	5.2	3.4	1	4	-14	11.0	9.8	1	4	-13	5.6	4.6	1	4	-12	6.3	4.4	1	4	-11	19.5	19.2
1	4	-10	40.6	41.5	1	4	-9	8.3	8.1	1	4	-8	6.4	6.3	1	4	-7	21.4	21.6	1	4	-6	90.5	92.7
1	4	-5	17.7	18.3	1	4	-4	30.3	30.4	1	4	-3	8.7	8.0	1	4	-2	33.3	34.3	1	4	-1	14.9	14.1
1	4	0	7.5	7.1	1	4	1	5.2	4.2	1	4	2	27.0	26.7	1	4	3	8.1	5.8	1	4	4	8.6	8.9
1	4	5	31.4	33.2	1	4	6	6.6	7.1	1	4	7	9.2	8.9	1	4	8	54.5	55.7	1	4	10	13.4	12.8

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
1	4	11	22.1	21.4	1	4	12	28.0	27.0	1	4	13	18.9	19.8	1	4	15	20.9	21.0	1	4	16	14.6	14.7
1	5	-15	6.8	9.0	1	5	-14	28.7	28.6	1	5	-13	22.6	22.0	1	5	-12	7.3	7.3	1	5	-10	8.9	8.4
1	5	-9	16.2	16.1	1	5	-6	16.8	17.2	1	5	-5	26.7	27.3	1	5	-4	13.3	12.9	1	5	-3	83.9	87.4
1	5	-2	5.9	4.3	1	5	-1	9.5	8.4	1	5	1	6.8	5.9	1	5	2	12.9	11.8	1	5	3	29.0	29.7
1	5	4	18.9	19.3	1	5	5	43.8	45.4	1	5	6	6.4	5.8	1	5	7	9.3	9.4	1	5	8	13.3	13.1
1	5	9	12.2	11.7	1	5	10	5.1	5.0	1	5	11	23.5	22.4	1	5	12	18.0	18.1	1	5	13	11.1	11.7
1	5	14	13.2	11.7	1	5	15	10.9	10.7	1	6	-14	9.2	9.8	1	6	-13	5.8	5.9	1	6	-12	30.6	29.0
1	6	-11	8.2	8.0	1	6	-10	9.2	8.5	1	6	-9	9.9	9.4	1	6	-8	33.6	35.7	1	6	-7	5.5	6.9
1	6	-6	17.3	16.2	1	6	-4	24.5	24.8	1	6	-3	21.0	20.9	1	6	-2	26.2	26.0	1	6	0	36.0	37.3
1	6	1	8.7	7.7	1	6	2	15.8	15.7	1	6	3	10.7	9.8	1	6	4	40.8	39.4	1	6	5	15.7	15.9
1	6	6	25.8	25.2	1	6	7	4.9	4.9	1	6	8	26.7	27.1	1	6	9	6.0	5.7	1	6	10	34.3	34.2
1	6	11	11.8	11.2	1	6	12	7.2	6.3	1	6	13	8.9	8.9	1	6	14	6.9	8.5	1	6	15	12.1	12.4
1	7	-14	22.4	22.8	1	7	-13	11.2	10.7	1	7	-10	16.0	14.6	1	7	-9	19.1	19.1	1	7	-7	9.2	8.6
1	7	-5	15.3	15.6	1	7	-3	45.5	43.8	1	7	-2	10.7	9.9	1	7	-1	6.8	5.8	1	7	0	17.7	17.7
1	7	1	11.2	11.1	1	7	2	5.6	5.2	1	7	3	8.0	7.5	1	7	4	22.2	21.9	1	7	5	34.9	35.6
1	7	8	13.9	14.0	1	7	9	13.0	12.4	1	7	10	6.8	5.2	1	7	11	14.5	13.7	1	7	12	14.1	13.4
1	8	-11	12.3	11.8	1	8	-10	25.9	25.6	1	8	-7	11.4	11.3	1	8	-6	46.2	45.3	1	8	-5	11.7	11.2
1	8	-4	13.6	13.3	1	8	-3	4.7	3.5	1	8	-2	16.2	15.7	1	8	-1	5.3	5.6	1	8	0	4.8	5.4
1	8	2	12.7	12.5	1	8	5	18.8	18.6	1	8	8	30.5	30.6	1	8	10	10.0	9.3	1	8	11	13.7	13.0
1	8	12	16.9	18.0	1	9	-11	5.2	1.6	1	9	-6	8.1	9.0	1	9	-5	14.3	14.3	1	9	-4	4.9	4.9
1	9	-3	44.0	43.7	1	9	2	6.3	6.8	1	9	3	19.3	18.1	1	9	5	19.4	19.8	1	9	7	5.2	6.1
1	9	9	7.8	7.1	1	10	-9	5.7	5.4	1	10	-8	19.6	20.5	1	10	-6	6.8	7.3	1	10	-4	13.9	13.6
1	10	-3	10.5	10.1	1	10	-2	12.1	11.9	1	10	0	15.7	14.8	1	10	1	6.9	6.1	1	10	2	6.2	4.9
1	10	3	5.0	3.7	1	10	4	17.8	17.9	1	10	5	7.8	9.0	1	10	6	14.6	14.8	1	10	8	12.9	13.7
1	11	-3	17.0	17.3	1	11	-2	7.2	7.7	1	11	-1	5.3	4.4	1	11	0	12.6	12.4	1	11	1	6.0	4.6
2	0	-18	14.4	15.9	2	0	-17	26.4	27.2	2	0	-16	36.9	36.4	2	0	-15	10.5	10.0	2	0	-13	5.3	4.7
2	0	-12	41.9	41.0	2	0	-11	7.7	6.9	2	0	-10	63.4	60.6	2	0	-9	42.0	41.5	2	0	-8	56.6	58.3
2	0	-7	24.5	24.3	2	0	-6	69.5	70.2	2	0	-5	20.3	19.9	2	0	-4	22.6	22.3	2	0	-3	5.5	3.3
2	0	-2	61.3	62.7	2	0	-1	2.9	1.2	2	0	0	55.6	55.4	2	0	1	56.8	57.2	2	0	2	107.6	108.9
2	0	3	86.0	78.8	2	0	4	34.2	33.3	2	0	5	10.1	9.5	2	0	6	58.7	60.9	2	0	7	44.5	45.7
2	0	8	12.2	12.6	2	0	9	31.1	30.8	2	0	10	28.9	29.2	2	0	11	20.6	20.4	2	0	12	10.3	10.1
2	0	13	12.8	12.9	2	0	14	9.2	8.7	2	0	16	28.0	28.2	2	0	17	8.0	8.9	2	1	-18	14.0	14.2
2	1	-17	8.3	8.9	2	1	-16	8.5	7.0	2	1	-15	18.4	18.7	2	1	-14	18.2	18.2	2	1	-13	17.3	17.3
2	1	-12	8.4	7.8	2	1	-11	35.3	34.5	2	1	-10	13.8	14.7	2	1	-9	46.3	45.1	2	1	-7	39.3	39.8
2	1	-6	40.1	39.6	2	1	-5	3.9	2.6	2	1	-4	43.4	41.8	2	1	-3	23.2	23.3	2	1	-2	8.9	8.5
2	1	-1	76.3	74.1	2	1	0	14.6	14.6	2	1	1	39.1	39.4	2	1	2	22.4	22.1	2	1	3	46.4	44.9
2	1	4	45.8	43.9	2	1	5	73.4	75.0	2	1	6	16.0	16.2	2	1	7	28.4	27.0	2	1	8	29.8	29.4
2	1	9	16.5	17.3	2	1	10	14.5	13.7	2	1	11	10.6	10.9	2	1	12	27.3	26.4	2	1	13	5.0	1.3
2	1	14	5.5	5.0	2	1	15	9.2	8.2	2	2	-18	26.8	27.4	2	2	-17	23.7	24.1	2	2	-15	11.0	10.0
2	2	-14	28.3	28.4	2	2	-13	20.2	20.7	2	2	-12	13.7	13.6	2	2	-11	11.4	11.0	2	2	-10	11.6	12.2
2	2	-9	23.3	23.4	2	2	-8	20.6	20.6	2	2	-7	9.8	10.2	2	2	-6	70.4	72.9	2	2	-5	22.5	22.9
2	2	-4	88.9	87.6	2	2	-3	91.3	90.1	2	2	-2	63.4	60.0	2	2	-1	30.9	28.8	2	2	0	11.7	15.1
2	2	1	92.2	88.1	2	2	2	82.4	80.9	2	2	3	7.5	6.0	2	2	4	64.9	63.7	2	2	5	21.4	21.7
2	2	6	26.3	26.9	2	2	7	9.2	9.3	2	2	8	35.2	35.3	2	2	9	25.2	25.6	2	2	10	27.5	26.9
2	2	11	24.1	24.6	2	2	12	22.2	22.8	2	2	13	32.3	30.9	2	2	14	7.7	6.5	2	2	15	7.5	7.2
2	3	-18	12.6	13.8	2	3	-17	7.9	8.6	2	3	-16	8.6	7.9	2	3	-15	18.0	18.7	2	3	-14	17.0	16.7
2	3	-13	17.0	17.0	2	3	-11	30.4	30.3	2	3	-10	13.7	13.2	2	3	-9	38.0	36.3	2	3	-7	30.8	31.1
2	3	-6	33.8	34.4	2	3	-5	5.2	5.4	2	3	-4	24.7	24.5	2	3	-3	15.7	15.6	2	3	-2	6.0	5.3
2	3	-1	56.2	57.0	2	3	0	13.8	13.8	2	3	1	29.3	29.1	2	3	2	19.4	19.4	2	3	3	33.1	33.6
2	3	4	34.8	36.9	2	3	5	61.8	63.2	2	3	6	16.7	16.5	2	3	7	26.1	25.3	2	3	8	24.2	23.6
2	3	9	18.1	17.4	2	3	10	11.6	11.2	2	3	11	6.5	6.8	2	3	12	24.6	24.0	2	3	13	5.9	1.7
2	3	14	7.9	6.5	2	3	15	6.1	7.5	2	4	-18	13.1	12.9	2	4	-17	22.0	23.3	2	4	-16	31.7	31.4
2	4	-15	9.8	8.7	2	4	-12	33.3	33.0	2	4	-11	6.5	6.1	2	4	-10	46.7	45.5	2	4	-9	29.1	28.7
2	4	-8	41.6	42.9	2	4	-7	13.7	13.5	2	4	-6	41.6	42.3	2	4	-5	8.6	8.6	2	4	-4	6.7	7.0
2	4	-3	6.2	4.7	2	4	-2	33.2	34.9	2	4	0	29.3	29.8	2	4	1	35.1	33.6	2	4	2	82.7	81.4
2	4	3	36.8	38.1	2	4	4	20.7	20.2	2	4	5	4.5	2.6	2	4	6	46.1	45.5	2	4	7	32.4	31.2
2	4	8	9.3	8.2	2	4	9	24.2	23.9	2	4	10	24.2	23.7	2	4	11	17.6	17.6	2	4	12	7.5	8.5
2	4	13	11.9	11.1	2	4	14	7.9	7.6	2	4	15	5.8	3.5	2	4	16	23.6	23.9	2	5	-17	6.3	7.5
2	5	-15	14.3	12.7	2	5	-14	12.8	12.3	2	5	-13	12.9	12.6	2	5	-12	7.7	7.6	2	5	-11	24.5	25.6
2	5	-10	10.0	10.4	2	5	-9	34.7	34.9	2	5	-7	25.5	25.8	2	5	-6	17.7	18.5	2	5	-5	7.5	6.4

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
2	5	-4	17.6	18.6	2	5	-3	15.4	15.4	2	5	-1	34.3	34.5	2	5	0	9.0	8.7	2	5	1	18.8	18.5
2	5	2	15.0	14.9	2	5	3	30.8	29.5	2	5	4	24.2	25.0	2	5	5	44.0	43.9	2	5	6	8.9	8.2
2	5	7	19.4	19.1	2	5	8	22.3	23.1	2	5	9	11.4	10.5	2	5	10	12.5	12.2	2	5	11	8.9	9.2
2	5	12	18.2	17.8	2	5	15	5.8	7.0	2	6	-16	5.2	3.4	2	6	-15	6.1	6.3	2	6	-14	21.0	21.4
2	6	-13	16.0	14.9	2	6	-12	9.2	7.6	2	6	-11	7.7	6.3	2	6	-10	8.6	7.2	2	6	-9	15.7	15.3
2	6	-8	9.7	10.0	2	6	-7	5.3	5.3	2	6	-6	45.8	46.3	2	6	-5	9.0	9.2	2	6	-4	42.2	41.4
2	6	-3	27.7	27.8	2	6	-2	26.2	25.2	2	6	-1	7.7	6.8	2	6	0	30.3	29.6	2	6	1	34.1	34.3
2	6	2	40.3	39.0	2	6	4	33.2	32.2	2	6	5	11.0	10.5	2	6	6	13.6	13.1	2	6	7	6.1	6.1
2	6	8	23.7	23.6	2	6	9	16.3	14.9	2	6	10	15.8	16.2	2	6	11	15.7	16.0	2	6	12	14.6	15.6
2	6	13	21.4	22.5	2	6	14	8.0	6.0	2	7	-15	12.8	13.3	2	7	-14	10.1	9.5	2	7	-13	13.6	12.7
2	7	-11	18.8	19.2	2	7	-10	8.4	7.7	2	7	-9	20.5	20.0	2	7	-7	15.9	15.0	2	7	-6	19.3	19.2
2	7	-5	6.7	6.7	2	7	-4	7.5	7.7	2	7	-3	8.6	7.9	2	7	-1	25.7	25.5	2	7	0	6.7	6.4
2	7	1	14.2	13.4	2	7	2	11.7	11.6	2	7	3	16.7	17.3	2	7	4	18.1	18.1	2	7	5	34.4	34.7
2	7	6	11.5	11.1	2	7	7	17.2	16.8	2	7	8	12.0	13.1	2	7	9	10.4	11.1	2	7	10	6.7	7.7
2	7	12	13.6	13.6	2	8	-12	19.5	20.1	2	8	-10	24.0	23.6	2	8	-9	13.3	12.9	2	8	-8	22.9	22.8
2	8	-7	7.2	6.5	2	8	-6	19.8	18.9	2	8	-3	4.7	4.7	2	8	-2	15.0	14.9	2	8	0	14.7	13.9
2	8	1	17.5	16.4	2	8	2	40.3	42.2	2	8	3	14.2	13.3	2	8	4	8.1	7.5	2	8	5	4.8	0.5
2	8	6	23.2	23.7	2	8	7	15.7	15.7	2	8	9	12.0	11.9	2	8	10	14.7	14.7	2	8	11	12.2	12.2
2	9	-11	14.2	14.5	2	9	-10	6.1	4.9	2	9	-9	19.9	19.9	2	9	-7	11.8	11.4	2	9	-6	8.7	9.0
2	9	-5	7.0	4.4	2	9	-4	8.5	8.6	2	9	-3	9.8	9.5	2	9	-1	14.6	14.2	2	9	0	6.0	4.3
2	9	1	6.1	6.8	2	9	2	9.8	9.2	2	9	3	15.8	15.7	2	9	4	10.9	10.4	2	9	5	20.9	21.0
2	9	6	6.2	4.8	2	9	7	10.7	11.8	2	9	8	14.4	14.2	2	10	-9	9.9	9.2	2	10	-6	23.9	23.2
2	10	-4	18.0	18.3	2	10	-3	11.9	11.7	2	10	-2	8.2	8.1	2	10	-1	5.4	0.9	2	10	0	16.5	16.4
2	10	1	12.4	12.8	2	10	2	17.9	18.0	2	10	4	14.8	14.9	2	10	6	6.3	5.8	2	11	-3	5.4	4.1
2	11	-1	10.5	10.7	2	11	0	5.0	2.5	2	11	1	5.5	4.1	3	0	-18	19.1	18.6	3	0	-16	12.3	11.5
3	0	-14	35.2	35.8	3	0	-13	12.6	13.4	3	0	-12	17.8	16.8	3	0	-11	12.0	11.7	3	0	-10	23.0	22.5
3	0	-9	22.5	22.4	3	0	-8	80.8	86.1	3	0	-7	7.6	6.3	3	0	-6	70.4	71.1	3	0	-5	35.4	35.6
3	0	-4	42.4	43.6	3	0	-3	16.3	15.8	3	0	-2	76.4	75.2	3	0	-1	20.6	19.9	3	0	0	94.0	92.2
3	0	1	27.2	26.4	3	0	2	12.6	11.8	3	0	3	17.0	15.5	3	0	4	53.3	51.9	3	0	5	68.6	69.9
3	0	6	10.3	10.2	3	0	7	5.3	5.9	3	0	8	17.2	16.8	3	0	9	25.9	25.7	3	0	10	31.0	30.8
3	0	11	8.2	7.7	3	0	13	11.2	9.8	3	0	14	30.8	30.4	3	0	16	18.1	19.5	3	1	-19	16.3	15.4
3	1	-18	11.7	11.2	3	1	-17	13.2	13.3	3	1	-16	13.2	13.8	3	1	-15	7.5	6.9	3	1	-14	4.8	5.7
3	1	-13	37.3	37.5	3	1	-12	11.9	11.8	3	1	-10	8.3	7.6	3	1	-9	20.9	20.2	3	1	-8	4.2	0.5
3	1	-7	42.2	43.1	3	1	-6	20.1	16.4	3	1	-5	3.4	2.5	3	1	-4	12.3	11.7	3	1	-3	94.1	96.3
3	1	-2	23.1	24.5	3	1	-1	112.3	112.9	3	1	0	13.6	12.7	3	1	1	4.2	3.5	3	1	2	51.8	50.1
3	1	3	23.4	23.6	3	1	4	8.1	8.2	3	1	5	9.2	8.4	3	1	6	33.5	32.4	3	1	7	15.1	14.1
3	1	8	35.6	35.5	3	1	10	5.3	3.9	3	1	11	15.5	16.0	3	1	13	26.6	25.2	3	1	14	8.8	9.1
3	1	15	5.3	5.5	3	1	16	19.8	21.8	3	2	-19	11.9	14.1	3	2	-17	8.8	8.1	3	2	-16	19.4	19.8
3	2	-13	22.8	22.5	3	2	-12	36.9	38.2	3	2	-11	17.6	17.2	3	2	-10	61.8	59.3	3	2	-9	38.1	36.9
3	2	-8	33.8	34.8	3	2	-7	9.0	8.6	3	2	-6	83.4	87.6	3	2	-5	14.8	14.7	3	2	-4	7.8	8.2
3	2	-3	15.3	13.7	3	2	-2	16.8	16.8	3	2	-1	26.2	26.5	3	2	0	16.5	17.0	3	2	1	26.9	27.5
3	2	2	67.7	66.5	3	2	3	31.8	32.4	3	2	4	11.0	10.2	3	2	5	34.6	34.9	3	2	6	53.0	52.1
3	2	7	14.4	12.9	3	2	8	45.1	44.6	3	2	9	35.0	35.2	3	2	10	5.0	2.3	3	2	11	12.8	12.0
3	2	12	20.8	20.4	3	2	13	11.0	9.9	3	2	16	29.0	29.8	3	3	-18	10.6	11.3	3	3	-17	12.6	12.4
3	3	-16	15.3	15.4	3	3	-15	8.9	7.9	3	3	-13	30.0	30.3	3	3	-12	8.8	7.8	3	3	-11	7.4	3.9
3	3	-10	9.7	10.1	3	3	-9	13.3	12.9	3	3	-8	5.8	5.4	3	3	-7	36.8	37.3	3	3	-6	19.1	18.9
3	3	-5	10.2	9.5	3	3	-4	4.9	5.0	3	3	-3	64.3	66.5	3	3	-2	32.7	32.6	3	3	-1	90.9	93.1
3	3	0	19.5	18.8	3	3	1	9.5	9.3	3	3	2	26.6	26.4	3	3	3	25.5	25.7	3	3	4	4.1	0.9
3	3	5	15.5	15.5	3	3	6	30.3	29.8	3	3	7	16.6	16.0	3	3	8	35.5	35.7	3	3	10	6.2	6.7
3	3	11	12.6	11.9	3	3	12	5.1	5.7	3	3	13	22.1	21.8	3	3	14	6.1	6.5	3	3	15	7.3	6.9
3	4	-18	15.4	16.1	3	4	-16	10.7	9.2	3	4	-14	30.1	29.1	3	4	-13	10.3	9.6	3	4	-12	12.3	13.2
3	4	-11	10.6	10.7	3	4	-10	17.2	16.9	3	4	-9	16.4	16.1	3	4	-8	62.3	61.9	3	4	-6	41.6	43.9
3	4	-5	19.3	19.2	3	4	-4	41.8	42.4	3	4	-3	8.0	7.1	3	4	-2	45.7	48.1	3	4	-1	12.3	12.6
3	4	0	60.5	60.5	3	4	1	19.5	19.4	3	4	2	7.6	7.6	3	4	3	10.4	10.1	3	4	4	39.8	39.7
3	4	5	51.5	49.9	3	4	6	8.1	8.0	3	4	7	4.9	4.3	3	4	8	11.9	11.7	3	4	9	19.0	19.9
3	4	10	24.9	25.3	3	4	11	5.9	6.4	3	4	12	5.0	1.8	3	4	13	8.1	7.4	3	4	14	24.9	26.0
3	5	-17	8.8	9.8	3	5	-16	9.6	9.6	3	5	-14	6.4	6.9	3	5	-13	29.9	29.8	3	5	-12	11.7	10.9
3	5	-10	4.8	3.0	3	5	-9	17.0	17.3	3	5	-8	4.8	4.3	3	5	-7	24.8	24.2	3	5	-5	8.2	6.0
3	5	-3	63.1	62.8	3	5	-2	12.9	12.3	3	5	-1	58.5	56.4	3	5	0	4.1	1.1	3	5	1	3.7	2.5

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
3	5	8	21.4	21.2	3	5	11	15.6	15.4	3	5	13	20.5	21.2	3	5	14	7.3	7.6	3	6	-16	15.1	15.3
3	6	-13	14.1	14.0	3	6	-12	27.0	26.0	3	6	-11	13.2	13.0	3	6	-10	37.4	37.2	3	6	-9	19.2	20.6
3	6	-8	21.2	20.7	3	6	-7	4.5	3.0	3	6	-6	52.4	50.5	3	6	-5	6.7	6.4	3	6	-4	5.7	5.6
3	6	-3	6.3	6.3	3	6	-1	10.9	11.2	3	6	0	8.0	7.7	3	6	1	13.4	13.1	3	6	2	38.2	37.8
3	6	3	15.7	15.6	3	6	4	6.5	5.3	3	6	5	21.5	21.8	3	6	6	28.7	29.4	3	6	7	10.2	9.9
3	6	8	29.7	30.2	3	6	9	22.0	21.9	3	6	11	6.2	8.0	3	6	12	15.5	15.7	3	6	13	8.5	7.2
3	7	-15	5.8	6.3	3	7	-13	15.9	16.1	3	7	-11	6.7	6.0	3	7	-10	6.9	7.2	3	7	-9	6.4	5.3
3	7	-7	19.4	19.3	3	7	-6	12.1	11.4	3	7	-3	32.7	32.6	3	7	-2	20.3	20.4	3	7	-1	45.9	46.3
3	7	0	12.0	12.2	3	7	1	9.5	9.3	3	7	2	7.2	7.8	3	7	3	15.4	15.4	3	7	5	13.5	13.5
3	7	6	18.2	17.1	3	7	7	11.1	10.9	3	7	8	24.0	23.7	3	7	10	7.9	7.3	3	7	11	7.6	7.1
3	8	-14	16.0	16.9	3	8	-12	6.3	6.6	3	8	-11	9.0	9.5	3	8	-10	9.1	7.7	3	8	-9	8.7	9.4
3	8	-8	34.4	33.2	3	8	-6	23.1	22.3	3	8	-5	8.2	9.2	3	8	-4	23.3	22.8	3	8	-2	21.4	21.8
3	8	-1	8.6	8.1	3	8	0	28.2	28.7	3	8	1	8.9	8.8	3	8	3	7.9	7.3	3	8	4	24.3	22.8
3	8	5	27.8	27.5	3	8	6	6.8	6.1	3	8	8	5.5	4.6	3	8	9	10.0	9.1	3	8	10	13.7	15.5
3	9	-12	7.4	7.1	3	9	-9	11.0	10.1	3	9	-7	11.5	10.2	3	9	-5	7.3	7.6	3	9	-4	5.1	3.5
3	9	-3	33.2	33.0	3	9	-1	24.4	24.5	3	9	2	14.7	15.2	3	9	4	9.1	6.9	3	9	6	8.8	8.4
3	9	8	9.3	9.3	3	10	-9	8.4	9.5	3	10	-8	12.1	12.9	3	10	-6	24.7	25.1	3	10	-3	6.5	5.6
3	10	-1	5.4	4.9	3	10	0	5.5	4.7	3	10	1	5.9	4.2	3	10	2	18.7	18.7	3	10	3	9.8	10.4
3	10	5	9.9	10.9	3	10	6	12.5	12.4	3	11	-3	12.7	14.0	3	11	-2	10.8	10.5	3	11	-1	20.4	21.6
3	11	0	8.6	9.3	3	11	1	7.1	7.2	4	0	-18	14.2	13.8	4	0	-17	9.6	8.9	4	0	-16	23.0	23.6
4	0	-15	25.8	25.2	4	0	-14	12.8	12.6	4	0	-13	12.5	12.1	4	0	-12	5.0	5.0	4	0	-11	25.5	25.1
4	0	-10	45.2	44.9	4	0	-8	23.7	23.8	4	0	-7	12.7	13.0	4	0	-6	137.5	140.1	4	0	-5	4.0	2.5
4	0	-4	22.1	23.0	4	0	-3	43.1	41.8	4	0	-2	27.6	26.6	4	0	-1	122.9	121.1	4	0	0	72.4	73.0
4	0	1	25.3	24.6	4	0	2	6.7	6.4	4	0	3	49.1	50.7	4	0	4	67.6	68.7	4	0	5	6.2	6.9
4	0	6	31.1	31.0	4	0	7	6.2	6.3	4	0	8	41.8	42.3	4	0	9	9.9	9.3	4	0	10	24.1	24.0
4	0	11	13.9	13.1	4	0	12	13.8	12.9	4	0	13	31.8	30.9	4	0	14	8.1	9.5	4	0	15	11.1	12.0
4	1	-19	9.2	8.7	4	1	-18	5.7	5.6	4	1	-17	11.7	10.8	4	1	-16	20.4	19.8	4	1	-14	7.9	7.2
4	1	-13	38.6	39.8	4	1	-12	7.8	7.4	4	1	-11	28.3	28.2	4	1	-10	16.3	15.8	4	1	-9	76.9	75.3
4	1	-8	11.4	10.6	4	1	-7	39.3	39.8	4	1	-6	4.6	3.7	4	1	-5	65.5	65.1	4	1	-4	5.5	3.8
4	1	-3	2.8	2.0	4	1	-2	12.8	11.6	4	1	-1	4.3	2.3	4	1	0	4.6	4.0	4	1	2	76.5	78.1
4	1	4	14.8	14.8	4	1	5	34.0	33.1	4	1	6	33.5	32.5	4	1	7	33.6	32.2	4	1	8	6.1	6.5
4	1	9	23.5	23.3	4	1	10	33.9	34.2	4	1	11	11.4	11.4	4	1	12	6.5	6.2	4	1	13	13.9	13.7
4	1	14	9.1	9.8	4	2	-18	8.9	9.2	4	2	-17	7.0	7.2	4	2	-16	32.2	32.3	4	2	-15	15.1	14.1
4	2	-13	23.1	23.9	4	2	-12	36.8	36.7	4	2	-10	17.4	16.9	4	2	-9	16.5	16.7	4	2	-8	14.0	14.7
4	2	-7	11.8	12.3	4	2	-6	37.8	37.5	4	2	-5	46.1	45.9	4	2	-4	112.8	114.0	4	2	-3	22.7	22.0
4	2	-2	43.3	42.9	4	2	-1	29.8	29.7	4	2	0	49.5	49.3	4	2	1	3.1	0.4	4	2	2	129.7	129.4
4	2	3	70.7	75.2	4	2	4	27.0	27.4	4	2	5	40.7	40.2	4	2	6	18.1	17.1	4	2	7	4.7	3.6
4	2	8	16.8	16.4	4	2	9	4.8	3.4	4	2	10	39.4	39.1	4	2	13	33.9	34.5	4	2	14	12.3	11.7
4	3	-19	7.3	6.6	4	3	-18	5.5	4.0	4	3	-17	8.4	7.8	4	3	-16	18.9	18.8	4	3	-14	7.9	8.9
4	3	-13	35.9	35.6	4	3	-12	8.6	8.6	4	3	-11	23.2	23.6	4	3	-10	14.7	14.8	4	3	-9	62.7	63.2
4	3	-8	10.6	10.2	4	3	-7	35.4	36.4	4	3	-6	5.4	4.9	4	3	-5	52.7	51.4	4	3	-4	3.8	3.2
4	3	-3	5.2	5.6	4	3	-2	3.5	2.3	4	3	0	3.8	3.0	4	3	1	4.4	3.1	4	3	2	61.5	60.7
4	3	4	10.5	10.2	4	3	5	32.1	31.8	4	3	6	28.8	29.5	4	3	7	30.0	29.9	4	3	9	21.0	21.2
4	3	10	30.6	30.2	4	3	11	9.1	7.4	4	3	12	7.5	6.4	4	3	13	11.8	12.1	4	3	14	6.6	6.3
4	4	-18	11.2	11.9	4	4	-17	8.1	8.0	4	4	-16	19.2	19.5	4	4	-15	21.1	20.4	4	4	-14	11.4	11.3
4	4	-13	10.0	9.9	4	4	-11	18.4	18.5	4	4	-10	35.1	34.9	4	4	-8	20.6	20.6	4	4	-7	9.4	9.2
4	4	-6	95.6	95.4	4	4	-5	7.3	5.9	4	4	-4	15.9	15.9	4	4	-3	17.3	19.4	4	4	-2	5.5	3.3
4	4	-1	59.9	62.6	4	4	0	44.1	44.6	4	4	1	8.0	8.7	4	4	2	9.5	8.6	4	4	3	37.4	37.4
4	4	4	52.5	51.4	4	4	5	4.8	2.5	4	4	6	22.0	22.5	4	4	8	33.0	33.3	4	4	9	7.7	7.0
4	4	10	20.2	20.0	4	4	11	10.2	9.9	4	4	12	11.5	12.0	4	4	13	24.9	26.0	4	4	14	7.8	8.3
4	5	-17	8.4	8.6	4	5	-16	13.1	13.7	4	5	-13	28.9	28.3	4	5	-12	4.8	4.8	4	5	-11	23.3	23.0
4	5	-10	9.6	9.5	4	5	-9	51.2	52.6	4	5	-8	7.7	7.4	4	5	-7	23.2	22.8	4	5	-5	36.0	35.4
4	5	-3	4.6	4.4	4	5	-2	4.1	1.8	4	5	0	4.1	3.0	4	5	2	45.7	44.5	4	5	4	10.4	10.3
4	5	5	21.3	21.6	4	5	6	21.1	21.8	4	5	7	23.0	22.8	4	5	8	8.8	8.7	4	5	9	17.8	18.1
4	5	10	26.3	25.4	4	5	11	11.1	10.5	4	5	13	10.3	10.6	4	6	-16	23.3	23.7	4	6	-15	9.4	10.0
4	6	-13	15.7	15.1	4	6	-12	23.5	23.7	4	6	-10	11.2	10.3	4	6	-9	7.0	7.5	4	6	-8	6.4	5.4
4	6	-7	6.6	6.7	4	6	-6	22.8	22.7	4	6	-5	20.5	21.2	4	6	-4	59.1	59.2	4	6	-3	9.7	9.7
4	6	-2	23.5	23.7	4	6	-1	14.8	14.7	4	6	0	25.3	24.3	4	6	2	68.9	68.0	4	6	3	44.0	43.0
4	6	4	12.9	13.2	4	6	5	22.6	22.5	4	6	6	12.5	12.8	4	6	7	5.1	2.4	4	6	8	9.6	9.2

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
4	7	-11	16.3	15.5	4	7	-10	9.1	8.9	4	7	-9	36.1	35.8	4	7	-8	7.6	8.0	4	7	-7	19.6	19.8
4	7	-6	5.1	5.2	4	7	-5	25.9	25.5	4	7	-4	4.7	3.7	4	7	-3	6.3	5.4	4	7	-2	4.2	2.4
4	7	2	28.8	29.5	4	7	5	21.7	21.0	4	7	6	17.3	17.1	4	7	7	19.6	19.4	4	7	8	5.4	1.5
4	7	9	14.8	14.9	4	7	10	18.6	18.5	4	8	-14	9.2	8.8	4	8	-13	6.4	5.4	4	8	-12	4.7	0.7
4	8	-11	10.3	9.3	4	8	-10	20.1	19.7	4	8	-8	12.6	11.7	4	8	-7	5.7	4.5	4	8	-6	45.3	46.2
4	8	-5	6.5	6.5	4	8	-4	9.7	10.2	4	8	-3	7.6	5.6	4	8	-1	29.2	27.7	4	8	0	22.6	22.5
4	8	2	6.3	7.0	4	8	3	18.1	19.0	4	8	4	27.8	27.9	4	8	6	12.6	11.6	4	8	8	19.5	19.0
4	8	9	5.8	3.0	4	8	10	12.3	12.2	4	9	-11	15.0	15.4	4	9	-9	29.3	29.1	4	9	-8	5.1	5.9
4	9	-7	10.4	9.8	4	9	-5	15.7	15.6	4	9	-4	5.2	2.2	4	9	-1	5.1	0.5	4	9	2	21.2	21.5
4	9	4	6.1	7.2	4	9	5	11.0	11.4	4	9	6	10.4	10.4	4	9	7	12.9	13.1	4	9	8	8.4	8.0
4	10	-6	10.5	11.1	4	10	-5	9.3	8.7	4	10	-4	28.4	27.9	4	10	-3	5.2	6.8	4	10	-2	11.7	12.1
4	10	-1	9.4	9.4	4	10	0	10.1	9.0	4	10	1	5.2	3.5	4	10	2	29.2	31.7	4	10	3	20.8	21.0
4	10	5	8.3	9.6	4	11	-1	5.0	1.2	5	0	-20	5.5	4.5	5	0	-19	13.2	13.1	5	0	-18	5.3	4.5
5	0	-17	6.6	5.1	5	0	-16	26.7	26.2	5	0	-15	6.9	5.8	5	0	-14	7.0	6.9	5	0	-13	10.6	10.5
5	0	-12	65.4	65.4	5	0	-11	6.0	5.9	5	0	-10	25.0	24.1	5	0	-9	10.3	10.8	5	0	-8	6.9	6.4
5	0	-7	3.6	2.6	5	0	-6	43.2	42.1	5	0	-5	9.9	9.6	5	0	-4	17.4	17.9	5	0	-3	30.3	28.8
5	0	-2	86.0	85.4	5	0	-1	13.8	14.2	5	0	0	21.3	21.0	5	0	1	7.0	5.1	5	0	2	70.7	71.7
5	0	3	14.9	15.3	5	0	4	4.1	1.6	5	0	5	26.9	25.3	5	0	6	35.4	34.7	5	0	7	51.5	50.1
5	0	9	8.7	7.7	5	0	10	9.0	8.8	5	0	11	16.2	15.4	5	0	12	23.2	22.9	5	1	-20	6.9	6.9
5	1	-19	24.3	25.4	5	1	-18	7.6	9.0	5	1	-16	10.7	10.8	5	1	-15	14.6	13.8	5	1	-14	7.5	7.8
5	1	-13	15.6	16.2	5	1	-12	15.7	15.7	5	1	-11	21.3	21.4	5	1	-10	19.4	19.7	5	1	-9	31.7	33.1
5	1	-8	3.5	3.1	5	1	-7	9.0	8.7	5	1	-6	8.8	9.1	5	1	-5	25.7	26.2	5	1	-4	32.4	32.2
5	1	-3	32.6	33.3	5	1	-2	36.7	38.6	5	1	-1	97.1	98.1	5	1	0	52.6	54.4	5	1	1	34.7	34.9
5	1	2	21.2	20.7	5	1	3	8.8	8.7	5	1	4	19.9	19.2	5	1	5	26.5	26.9	5	1	6	18.2	17.3
5	1	7	9.3	9.1	5	1	8	8.0	7.6	5	1	9	5.9	7.6	5	1	10	38.7	38.1	5	1	12	6.2	4.0
5	1	13	8.4	8.0	5	1	15	16.8	18.0	5	2	-19	17.3	17.4	5	2	-18	13.2	14.1	5	2	-17	5.4	3.2
5	2	-16	11.8	11.7	5	2	-14	20.9	21.1	5	2	-13	10.1	10.1	5	2	-12	23.5	23.2	5	2	-11	10.1	9.8
5	2	-10	25.8	25.7	5	2	-9	8.5	7.9	5	2	-8	59.8	59.3	5	2	-7	24.4	26.2	5	2	-6	41.2	40.7
5	2	-5	17.2	17.1	5	2	-4	101.9	106.0	5	2	-3	8.2	8.6	5	2	-2	12.7	12.4	5	2	-1	33.5	34.7
5	2	0	53.1	53.2	5	2	1	23.3	22.9	5	2	2	20.7	20.4	5	2	3	10.2	10.2	5	2	4	46.0	45.2
5	2	5	8.1	8.5	5	2	7	50.8	49.5	5	2	8	10.1	9.7	5	2	10	10.2	10.3	5	2	12	5.2	1.9
5	3	-19	21.5	22.6	5	3	-18	5.5	6.5	5	3	-17	6.3	5.7	5	3	-16	10.4	10.9	5	3	-15	14.9	14.8
5	3	-14	6.3	4.6	5	3	-13	15.2	15.3	5	3	-12	10.7	11.5	5	3	-11	24.2	24.2	5	3	-10	16.0	16.4
5	3	-9	27.0	26.2	5	3	-8	11.1	11.3	5	3	-7	9.9	10.2	5	3	-6	3.7	3.8	5	3	-5	12.6	11.7
5	3	-4	17.2	17.1	5	3	-3	23.1	23.5	5	3	-2	38.8	38.6	5	3	-1	85.6	90.4	5	3	0	47.4	46.8
5	3	1	35.8	35.1	5	3	2	26.1	25.8	5	3	3	8.8	8.0	5	3	4	15.0	14.4	5	3	5	16.5	16.6
5	3	6	13.9	13.8	5	3	7	6.8	7.5	5	3	8	6.1	2.1	5	3	9	6.0	4.2	5	3	10	34.8	34.9
5	3	13	7.1	7.6	5	4	-18	5.8	3.8	5	4	-16	22.5	22.0	5	4	-15	5.6	5.2	5	4	-14	6.1	6.4
5	4	-13	8.3	8.6	5	4	-12	49.4	51.8	5	4	-11	6.0	5.9	5	4	-10	18.0	17.8	5	4	-9	6.9	6.9
5	4	-8	6.3	5.7	5	4	-7	3.8	2.4	5	4	-6	32.8	32.9	5	4	-5	6.2	6.1	5	4	-4	14.1	13.7
5	4	-3	13.9	14.0	5	4	-2	54.5	53.8	5	4	-1	14.6	13.9	5	4	0	15.9	15.8	5	4	1	5.7	4.9
5	4	2	53.9	53.9	5	4	3	15.2	13.8	5	4	5	19.4	19.3	5	4	6	28.0	28.1	5	4	7	39.5	39.6
5	4	9	5.8	5.5	5	4	10	5.1	6.3	5	4	11	11.5	11.8	5	4	12	19.3	19.2	5	5	-18	7.8	8.2
5	5	-16	6.5	6.8	5	5	-15	8.8	8.8	5	5	-14	9.8	9.8	5	5	-13	11.5	10.8	5	5	-12	14.5	13.6
5	5	-11	11.6	11.4	5	5	-10	12.1	12.1	5	5	-9	25.4	25.1	5	5	-7	4.2	4.3	5	5	-6	5.9	6.2
5	5	-5	20.6	20.3	5	5	-4	20.5	20.5	5	5	-3	20.3	20.4	5	5	-2	17.8	17.1	5	5	-1	53.8	53.8
5	5	0	34.6	33.9	5	5	1	19.6	20.2	5	5	2	4.4	4.7	5	5	3	7.2	7.7	5	5	4	14.1	14.3
5	5	5	22.6	23.2	5	5	6	14.0	13.7	5	5	7	9.3	8.2	5	5	8	7.8	7.8	5	5	9	7.3	6.9
5	5	10	27.9	28.9	5	5	13	6.4	7.0	5	6	-16	8.8	9.1	5	6	-14	17.4	17.0	5	6	-13	6.1	6.4
5	6	-12	14.3	14.6	5	6	-11	6.7	7.0	5	6	-10	15.5	15.5	5	6	-9	7.4	7.4	5	6	-8	36.2	37.1
5	6	-7	13.8	13.4	5	6	-6	20.3	20.1	5	6	-5	8.5	7.9	5	6	-4	56.1	56.8	5	6	-3	7.1	7.1
5	6	-2	9.1	9.5	5	6	-1	20.3	20.1	5	6	0	31.7	30.7	5	6	1	11.7	11.2	5	6	2	12.1	12.0
5	6	3	7.6	7.4	5	6	4	26.9	27.4	5	6	5	8.3	7.9	5	6	7	34.4	33.1	5	6	8	6.8	6.4
5	6	10	8.6	8.1	5	7	-15	10.3	11.2	5	7	-13	10.7	10.2	5	7	-12	7.2	6.7	5	7	-11	17.8	17.2
5	7	-10	8.7	8.3	5	7	-9	14.4	13.2	5	7	-8	11.5	11.5	5	7	-7	6.8	7.2	5	7	-4	6.2	6.0
5	7	-3	12.3	11.9	5	7	-2	22.5	21.0	5	7	-1	51.6	51.0	5	7	0	26.1	26.4	5	7	1	21.4	21.1
5	7	2	15.5	15.3	5	7	3	6.1	4.9	5	7	4	6.9	7.1	5	7	5	7.2	5.9	5	7	6	6.3	7.2
5	7	7	5.4	4.7	5	7	10	22.8	23.4	5	8	-14	6.7	5.0	5	8	-13	6.7	5.2	5	8	-12	29.0	28.9
5	8	-11	7.0	6.5	5	8	-10	10.2	9.5	5	8	-8	4.7	2.4	5	8	-6	20.6	20.1	5	8	-4	7.8	7.3
5	8	-3	8.4	7.2	5	8	-2	23.9	23.9	5	8	-1	7.1	6.9	5	8	0	6.4	6.7	5	8	2	30.2	29.3

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
5	8	3	9.8	8.8	5	8	5	12.6	12.0	5	8	6	17.2	17.6	5	8	7	22.2	22.4	5	9-12		9.0	9.7
5	9-11		5.0	3.1	5	9-10		8.1	5.9	5	9	-9	13.3	12.5	5	9	-8	5.3	1.7	5	9	-5	12.8	12.3
5	9	-4	12.5	12.2	5	9	-3	12.6	13.0	5	9	-1	23.9	24.2	5	9	0	16.9	16.2	5	9	1	8.5	8.8
5	9	3	6.3	4.3	5	9	4	8.0	8.3	5	9	5	15.3	15.0	5	9	6	8.1	7.0	5	9	7	5.3	5.6
5	10	-9	6.7	7.2	5	10	-8	18.0	18.0	5	10	-7	7.1	6.2	5	10	-6	8.7	7.9	5	10	-5	5.9	5.7
5	10	-4	26.2	26.6	5	10	-2	5.2	5.1	5	10	-1	8.6	8.4	5	10	0	18.2	18.0	5	10	1	5.5	4.6
5	10	2	7.4	6.3	5	10	4	12.4	13.1	6	0	-19	11.1	11.6	6	0	-18	18.5	18.5	6	0	-17	13.9	14.1
6	0	-16	32.3	31.4	6	0	-15	13.5	13.7	6	0	-14	17.4	17.3	6	0	-13	9.1	9.0	6	0	-12	9.2	8.9
6	0	-11	28.1	28.9	6	0	-10	10.3	10.3	6	0	-9	3.5	1.1	6	0	-8	73.6	74.1	6	0	-7	20.8	20.7
6	0	-6	16.6	16.6	6	0	-5	34.9	35.1	6	0	-4	94.6	97.1	6	0	-3	50.6	51.0	6	0	-2	7.1	6.3
6	0	-1	10.2	9.8	6	0	0	23.2	23.8	6	0	1	31.0	30.3	6	0	2	14.5	15.3	6	0	3	36.4	37.1
6	0	4	18.0	18.2	6	0	5	22.2	22.0	6	0	6	55.0	52.9	6	0	7	35.3	34.5	6	0	8	16.1	16.3
6	0	9	4.9	3.3	6	0	10	28.8	29.3	6	0	14	5.4	0.8	6	1	-20	7.1	6.8	6	1	-18	7.0	4.8
6	1	-16	9.4	9.3	6	1	-15	28.0	27.6	6	1	-14	5.2	3.9	6	1	-13	16.2	16.1	6	1	-12	5.4	6.1
6	1	-11	35.8	36.7	6	1	-10	4.5	3.6	6	1	-9	20.8	20.5	6	1	-8	26.3	26.5	6	1	-7	69.1	71.3
6	1	-6	22.6	23.1	6	1	-5	15.9	16.4	6	1	-4	23.6	23.6	6	1	-3	9.4	10.1	6	1	-2	29.1	29.6
6	1	-1	37.1	37.4	6	1	0	19.2	18.9	6	1	2	9.6	8.7	6	1	3	7.6	6.4	6	1	4	39.3	39.4
6	1	5	9.8	9.7	6	1	6	17.2	18.0	6	1	7	11.4	11.2	6	1	8	14.0	14.5	6	1	9	18.6	18.4
6	1	10	6.1	6.1	6	1	12	7.9	8.3	6	1	13	11.8	13.0	6	2	-19	14.4	14.9	6	2	-18	9.9	9.9
6	2	-16	5.9	5.8	6	2	-15	8.6	9.2	6	2	-14	60.7	61.9	6	2	-12	36.8	37.9	6	2	-11	9.9	9.4
6	2	-10	32.2	32.2	6	2	-9	5.9	5.4	6	2	-8	23.6	23.6	6	2	-7	10.4	11.0	6	2	-6	37.4	38.5
6	2	-5	77.9	79.9	6	2	-4	71.2	71.5	6	2	-3	45.3	45.3	6	2	-2	74.4	75.3	6	2	-1	39.6	42.5
6	2	0	26.3	26.0	6	2	1	18.2	17.3	6	2	2	11.1	10.2	6	2	3	29.5	29.2	6	2	4	22.7	22.4
6	2	5	9.8	9.8	6	2	6	8.6	7.6	6	2	7	34.6	34.0	6	2	8	24.5	25.0	6	2	9	18.3	18.3
6	2	10	6.0	6.3	6	2	12	29.8	30.4	6	2	13	7.6	6.3	6	2	14	12.1	11.6	6	3-18		6.4	4.0
6	3-17		5.1	1.1	6	3-16		8.3	8.7	6	3-15		25.2	24.4	6	3-13		13.5	13.6	6	3-12		5.4	6.0
6	3-11		32.1	31.5	6	3	-9	18.6	18.2	6	3	-8	21.7	22.3	6	3	-7	63.6	64.2	6	3	-6	20.0	19.9
6	3	-5	11.4	11.3	6	3	-4	22.8	23.1	6	3	-3	8.7	8.7	6	3	-2	26.6	27.0	6	3	-1	29.3	29.5
6	3	0	14.9	14.6	6	3	2	7.6	7.0	6	3	3	5.8	5.5	6	3	4	34.3	33.9	6	3	5	12.3	11.8
6	3	6	14.3	14.7	6	3	7	11.3	10.1	6	3	8	10.0	10.6	6	3	9	15.5	15.5	6	3	10	6.5	6.5
6	3	11	5.1	1.1	6	3	12	9.9	8.8	6	3	13	13.1	13.1	6	4-18		15.7	15.8	6	4-17		12.8	12.5
6	4-16		26.5	26.2	6	4-15		11.9	11.2	6	4-14		14.5	14.7	6	4-13		7.3	7.5	6	4-12		6.2	5.8
6	4-11		21.8	22.0	6	4-10		8.6	8.7	6	4	-8	52.3	52.4	6	4	-7	14.3	14.1	6	4	-6	10.9	10.6
6	4	-5	27.1	26.4	6	4	-4	74.6	74.7	6	4	-3	37.1	37.6	6	4	-2	4.2	4.2	6	4	-1	5.5	4.0
6	4	0	19.8	19.6	6	4	1	21.0	21.3	6	4	2	7.4	7.2	6	4	3	28.1	27.4	6	4	4	13.6	14.1
6	4	5	16.0	16.2	6	4	6	40.1	41.2	6	4	7	26.9	27.4	6	4	8	13.4	13.5	6	4	10	25.1	25.0
6	5-18		6.6	5.1	6	5-17		5.4	4.7	6	5-16		7.1	6.9	6	5-15		21.3	20.8	6	5-14		5.3	3.3
6	5-13		13.1	13.2	6	5-12		5.7	5.3	6	5-11		27.8	28.5	6	5	-9	16.2	15.9	6	5	-8	17.1	16.9
6	5	-7	44.5	45.1	6	5	-6	13.9	14.1	6	5	-5	11.6	10.9	6	5	-4	13.7	13.7	6	5	-3	4.4	4.5
6	5	-2	14.6	14.9	6	5	-1	23.5	22.7	6	5	0	12.8	12.7	6	5	2	8.6	8.3	6	5	4	29.3	29.4
6	5	5	5.2	6.6	6	5	6	13.4	12.9	6	5	7	10.8	9.2	6	5	8	12.7	13.2	6	5	9	14.3	14.8
6	5	11	6.0	5.7	6	6-17		5.5	3.7	6	6-15		7.4	8.0	6	6-14		42.4	42.4	6	6-12		24.6	24.2
6	6-11		5.9	5.1	6	6-10		20.8	21.0	6	6	-9	4.7	3.8	6	6	-8	12.5	12.6	6	6	-7	9.4	9.6
6	6	-6	25.8	25.5	6	6	-5	41.7	41.0	6	6	-4	39.1	38.3	6	6	-3	28.9	28.4	6	6	-2	40.3	40.0
6	6	-1	18.5	18.4	6	6	0	13.7	14.0	6	6	1	10.6	10.9	6	6	2	8.1	7.8	6	6	3	18.2	18.0
6	6	4	13.6	13.8	6	6	5	5.4	5.4	6	6	7	24.8	23.1	6	6	8	18.6	19.1	6	6	9	12.6	11.5
6	7-15		14.8	14.6	6	7-13		9.0	8.8	6	7-12		6.7	5.5	6	7-11		20.1	19.3	6	7	-9	12.4	12.0
6	7	-8	12.8	12.2	6	7	-7	37.4	37.1	6	7	-6	12.4	11.9	6	7	-5	5.3	5.0	6	7	-4	13.7	13.0
6	7	-3	5.6	5.0	6	7	-2	15.0	14.4	6	7	-1	14.7	14.4	6	7	0	7.3	7.5	6	7	2	5.0	5.6
6	7	3	4.6	3.0	6	7	4	21.0	20.6	6	7	5	11.3	11.2	6	7	6	7.4	6.6	6	7	7	6.7	6.8
6	7	9	7.6	9.5	6	7	10	7.2	6.0	6	8-14		9.4	9.4	6	8-11		12.1	11.7	6	8-10		6.8	6.0
6	8	-8	27.8	27.2	6	8	-7	8.2	7.2	6	8	-5	14.0	14.1	6	8	-4	42.1	40.9	6	8	-3	21.8	21.6
6	8	0	8.5	8.4	6	8	1	10.7	11.1	6	8	3	12.5	11.8	6	8	4	8.8	8.1	6	8	5	6.1	6.8
6	8	6	22.5	23.2	6	8	7	13.3	15.1	6	8	8	8.2	8.9	6	9-11		16.2	16.8	6	9	-9	11.1	10.9
6	9	-8	8.2	7.9	6	9	-7	21.6	21.8	6	9	-6	7.3	6.8	6	9	-5	5.7	6.5	6	9	-4	5.5	4.0
6	9	-2	6.9	6.1	6	9	-1	11.0	10.7	6	9	0	8.7	8.5	6	9	2	5.7	6.7	6	9	4	16.4	16.2
6	9	5	5.7	5.2	6	9	6	6.4	5.5	6	10	-8	5.4	4.3	6	10	-7	7.7	7.3	6	10	-6	15.5	15.1
6	10	-5	18.1	18.5	6	10	-4	17.1	17.0	6	10	-3	16.2	16.1	6	10	-2	17.7	18.0	6	10	-1	6.5	5.2
6	10	0	6.1	6.7	6	10	1	6.3	6.1	6	10	2	5.0	4.3	6	10	3	7.1	7.0	7	0-18		5.0	3.1
7	0-17		10.7	11.0	7	0-16		5.3	4.6	7	0-15		11.0	10.8	7	0-14		49.0	48.2	7	0-13		8.1	7.4

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
7	0	-12	13.0	12.7	7	0	-11	14.4	14.8	7	0	-10	64.6	68.1	7	0	-9	22.7	23.0	7	0	-8	39.6	40.0
7	0	-7	14.3	15.2	7	0	-5	3.7	2.3	7	0	-4	26.1	26.5	7	0	-3	22.9	23.5	7	0	-2	6.2	6.1
7	0	-1	15.5	15.0	7	0	0	9.4	7.9	7	0	1	43.9	44.0	7	0	2	5.9	5.7	7	0	3	38.7	36.6
7	0	4	58.1	57.4	7	0	5	24.3	24.7	7	0	7	13.4	14.5	7	0	8	19.0	19.5	7	0	9	17.2	17.1
7	0	11	14.9	14.7	7	0	12	14.9	15.6	7	0	13	9.9	11.4	7	1	-19	20.6	21.4	7	1	-18	6.5	6.5
7	1	-17	33.9	34.3	7	1	-14	15.6	15.6	7	1	-13	12.4	11.8	7	1	-12	6.3	6.0	7	1	-11	11.4	11.8
7	1	-10	15.5	16.1	7	1	-9	11.0	10.9	7	1	-8	30.3	29.9	7	1	-7	63.2	63.7	7	1	-6	40.8	41.2
7	1	-5	3.3	2.5	7	1	-4	18.8	18.6	7	1	-3	9.6	8.5	7	1	-2	20.1	19.7	7	1	-1	12.1	11.6
7	1	0	58.6	60.1	7	1	1	42.8	42.1	7	1	2	18.1	18.1	7	1	3	34.1	34.3	7	1	4	7.4	6.1
7	1	5	16.2	15.2	7	1	6	18.5	18.9	7	1	7	25.4	26.1	7	1	8	15.1	15.0	7	1	9	15.8	15.1
7	1	10	11.6	11.7	7	1	11	14.2	14.0	7	1	12	20.3	21.1	7	2	-19	7.5	7.7	7	2	-18	19.5	19.6
7	2	-17	7.7	4.8	7	2	-16	28.1	27.6	7	2	-14	7.4	6.9	7	2	-13	5.2	4.2	7	2	-12	45.8	46.0
7	2	-11	24.9	25.2	7	2	-10	32.9	33.4	7	2	-9	21.7	22.2	7	2	-8	4.5	2.8	7	2	-6	35.8	34.7
7	2	-5	12.8	12.6	7	2	-4	7.7	6.8	7	2	-3	35.6	36.0	7	2	-2	26.1	26.2	7	2	-1	19.7	19.2
7	2	0	24.4	24.4	7	2	1	36.7	36.0	7	2	2	52.7	52.0	7	2	3	29.9	30.1	7	2	4	15.6	14.7
7	2	5	8.6	8.0	7	2	6	29.6	29.9	7	2	7	26.4	26.7	7	2	8	18.6	18.5	7	2	9	15.4	16.4
7	2	10	30.8	31.2	7	2	11	5.1	2.7	7	2	12	5.3	3.8	7	3	-19	19.0	19.5	7	3	-18	6.1	4.4
7	3	-17	33.0	34.0	7	3	-14	11.2	10.4	7	3	-13	9.8	9.3	7	3	-12	5.0	5.1	7	3	-11	15.2	15.6
7	3	-10	11.4	11.6	7	3	-9	11.3	10.9	7	3	-8	32.4	32.2	7	3	-7	58.5	59.0	7	3	-6	32.3	32.4
7	3	-5	4.0	4.1	7	3	-4	8.2	7.9	7	3	-3	10.0	9.9	7	3	-2	13.4	13.3	7	3	-1	18.9	19.1
7	3	0	46.9	48.4	7	3	1	36.6	36.6	7	3	2	9.9	9.5	7	3	3	27.4	26.6	7	3	4	4.2	4.4
7	3	5	8.9	9.2	7	3	6	20.4	19.8	7	3	7	25.9	25.4	7	3	8	11.0	10.7	7	3	9	15.6	16.2
7	3	10	9.4	9.7	7	3	11	11.5	11.5	7	3	12	17.0	17.6	7	4	-19	5.3	2.2	7	4	-17	8.6	8.6
7	4	-15	9.1	8.8	7	4	-14	40.5	39.6	7	4	-13	7.6	6.7	7	4	-12	12.0	11.8	7	4	-11	11.7	11.7
7	4	-10	54.7	54.2	7	4	-9	18.5	18.3	7	4	-8	31.3	31.1	7	4	-7	8.9	8.5	7	4	-4	20.4	20.9
7	4	-3	15.6	15.8	7	4	-2	5.3	5.1	7	4	-1	12.0	11.5	7	4	0	8.6	7.9	7	4	1	33.2	32.7
7	4	2	5.6	5.4	7	4	3	28.9	27.6	7	4	4	44.4	46.0	7	4	5	20.0	20.0	7	4	7	12.6	12.6
7	4	8	16.5	16.2	7	4	9	15.4	14.7	7	4	11	12.2	11.8	7	4	12	13.5	14.0	7	5	-18	6.0	6.3
7	5	-17	24.5	25.6	7	5	-16	5.0	3.1	7	5	-14	15.1	14.8	7	5	-13	9.0	8.8	7	5	-12	5.6	5.0
7	5	-11	5.3	3.2	7	5	-10	12.9	12.8	7	5	-9	8.2	7.9	7	5	-8	15.2	15.3	7	5	-7	37.8	38.7
7	5	-6	29.0	28.7	7	5	-5	6.3	5.2	7	5	-4	15.7	15.7	7	5	-3	3.9	2.9	7	5	-2	14.9	14.9
7	5	-1	5.4	5.0	7	5	0	43.6	43.0	7	5	1	29.2	28.0	7	5	2	17.3	17.6	7	5	3	26.2	25.7
7	5	4	6.3	5.3	7	5	5	16.4	15.5	7	5	6	12.0	11.4	7	5	7	18.3	18.4	7	5	8	13.9	12.3
7	5	9	10.5	9.7	7	5	10	11.2	11.1	7	5	11	11.0	11.3	7	6	-17	6.1	4.4	7	6	-16	19.6	20.3
7	6	-14	5.3	5.1	7	6	-12	33.3	32.6	7	6	-11	17.0	16.6	7	6	-10	20.7	20.9	7	6	-9	16.4	16.4
7	6	-8	6.0	1.4	7	6	-6	21.3	20.5	7	6	-5	5.2	5.1	7	6	-4	5.2	4.6	7	6	-3	19.6	19.3
7	6	-2	17.9	17.7	7	6	-1	12.5	12.4	7	6	0	14.3	14.3	7	6	1	22.4	23.4	7	6	2	35.2	33.8
7	6	3	19.5	18.7	7	6	4	8.5	10.0	7	6	5	7.8	6.4	7	6	6	21.3	21.1	7	6	7	20.3	20.8
7	6	8	11.5	12.3	7	6	9	9.9	10.6	7	6	10	21.1	22.0	7	7	-14	5.3	4.1	7	7	-13	5.9	4.5
7	7	-12	5.7	3.7	7	7	-11	12.0	11.4	7	7	-10	6.1	5.2	7	7	-9	8.9	8.7	7	7	-8	22.1	21.6
7	7	-7	35.5	34.8	7	7	-6	18.6	18.1	7	7	-5	6.0	5.1	7	7	-4	4.7	2.6	7	7	-3	7.1	7.6
7	7	-2	6.9	6.0	7	7	-1	18.0	17.2	7	7	0	24.8	25.3	7	7	1	21.7	21.3	7	7	3	14.3	13.7
7	7	6	14.2	14.2	7	7	7	16.1	17.5	7	7	9	12.2	12.3	7	8	-14	22.8	24.3	7	8	-13	6.5	5.8
7	8	-12	9.7	9.7	7	8	-11	5.4	6.1	7	8	-10	31.4	30.9	7	8	-9	13.5	12.5	7	8	-8	18.0	17.5
7	8	-7	6.2	5.5	7	8	-4	12.1	12.1	7	8	-3	6.5	6.5	7	8	-1	8.0	7.6	7	8	0	6.3	4.6
7	8	1	16.9	16.5	7	8	2	6.1	6.0	7	8	3	12.1	13.2	7	8	4	27.9	28.2	7	8	5	11.6	12.4
7	8	7	9.3	8.9	7	9	-11	5.3	2.4	7	9	-10	6.5	6.7	7	9	-9	5.0	5.6	7	9	-8	5.7	5.2
7	9	-7	17.2	17.3	7	9	-6	17.6	17.4	7	9	-5	5.0	4.9	7	9	-4	11.9	12.1	7	9	-3	4.7	1.8
7	9	-2	8.1	9.1	7	9	0	21.4	21.6	7	9	1	15.1	14.7	7	9	2	12.9	11.8	7	9	3	16.6	14.7
7	9	5	11.8	12.4	7	10	-6	9.2	9.1	7	10	-3	7.3	7.7	7	10	-2	7.2	9.5	7	10	-1	6.6	7.5
7	10	0	6.7	6.8	7	10	1	11.8	12.0	8	0	-20	24.7	25.7	8	0	-19	10.7	10.4	8	0	-18	10.9	11.2
8	0	-17	16.1	16.4	8	0	-16	27.8	27.7	8	0	-14	21.4	21.3	8	0	-13	7.2	7.9	8	0	-11	16.7	16.4
8	0	-10	4.4	4.0	8	0	-9	7.4	7.9	8	0	-8	18.9	18.8	8	0	-7	16.2	15.9	8	0	-6	25.7	25.2
8	0	-5	35.0	35.1	8	0	-4	14.0	14.3	8	0	-3	78.1	79.3	8	0	-2	70.6	71.0	8	0	-1	56.6	54.7
8	0	0	11.5	10.3	8	0	2	37.3	37.3	8	0	3	15.6	15.3	8	0	4	8.4	9.0	8	0	5	38.8	38.7
8	0	6	16.3	16.7	8	0	7	13.4	12.7	8	0	8	30.4	30.2	8	0	9	18.7	19.0	8	0	10	13.0	11.7
8	0	11	5.1	3.5	8	0	12	23.0	23.2	8	1	-20	11.9	12.3	8	1	-19	18.6	18.5	8	1	-16	5.8	4.6
8	1	-15	14.9	14.9	8	1	-14	11.0	11.4	8	1	-13	35.1	35.4	8	1	-12	6.9	6.4	8	1	-11	35.4	36.5
8	1	-10	4.2	3.2	8	1	-9	32.5	32.3	8	1	-7	20.7	20.7	8	1	-6	35.4	35.2	8	1	-5	28.1	28.6
8	1	-4	10.9	11.3	8	1	-3	4.4	4.2	8	1	-2	26.2	25.8	8	1	1	10.5	10.8	8	1	2	33.1	33.0

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
8	1	1	27.3	27.3	8	1	2	14.9	13.6	8	1	3	23.0	21.9	8	1	4	37.5	37.3	8	1	5	7.0	7.0
8	1	6	20.0	20.6	8	1	8	14.9	15.5	8	1	9	5.2	3.6	8	1	11	10.0	10.8	8	1	12	6.8	5.9
8	2	-18	13.3	12.7	8	2	-17	8.9	9.0	8	2	-15	7.2	7.5	8	2	-14	13.6	14.2	8	2	-12	20.7	20.8
8	2	-11	40.7	40.5	8	2	-10	40.0	39.7	8	2	-9	5.4	5.3	8	2	-8	26.1	26.1	8	2	-7	5.6	5.7
8	2	-5	13.2	12.9	8	2	-4	60.1	62.9	8	2	-3	56.1	58.4	8	2	-2	25.0	25.1	8	2	-1	10.4	9.9
8	2	0	39.5	38.6	8	2	1	16.7	15.9	8	2	2	34.7	34.8	8	2	3	21.3	20.8	8	2	4	36.1	37.7
8	2	5	11.9	11.7	8	2	7	6.8	2.7	8	2	8	5.1	3.4	8	2	9	11.2	10.5	8	2	10	12.7	13.8
8	2	12	18.2	17.7	8	3	-19	16.3	16.4	8	3	-17	4.6	0.7	8	3	-16	5.7	5.3	8	3	-15	14.5	15.0
8	3	-14	12.2	12.3	8	3	-13	33.0	32.6	8	3	-12	5.5	4.9	8	3	-11	32.1	31.5	8	3	-10	4.7	4.0
8	3	-9	30.5	29.7	8	3	-7	20.4	20.2	8	3	-6	30.6	30.8	8	3	-5	24.1	23.0	8	3	-4	10.3	10.3
8	3	-3	6.6	5.2	8	3	-2	19.9	20.7	8	3	-1	18.1	17.3	8	3	0	27.7	26.7	8	3	1	26.2	25.4
8	3	2	12.3	11.5	8	3	3	17.0	17.3	8	3	4	34.1	33.9	8	3	5	7.4	7.9	8	3	6	20.6	20.3
8	3	8	11.9	12.1	8	3	11	9.2	9.4	8	4	-18	8.1	9.1	8	4	-17	12.9	13.6	8	4	-16	22.2	22.8
8	4	-14	17.6	17.9	8	4	-13	6.3	6.0	8	4	-11	13.7	13.5	8	4	-9	6.3	6.4	8	4	-8	13.0	13.1
8	4	-7	10.6	10.7	8	4	-6	22.0	21.3	8	4	-5	23.3	24.1	8	4	-4	8.1	7.6	8	4	-3	56.7	58.6
8	4	-2	53.7	54.2	8	4	-1	41.3	40.1	8	4	0	7.4	7.2	8	4	1	5.0	2.1	8	4	2	29.2	28.6
8	4	3	13.1	13.1	8	4	4	6.5	7.6	8	4	5	31.7	30.8	8	4	6	14.8	14.6	8	4	7	10.7	10.8
8	4	8	24.9	25.3	8	4	9	15.7	15.9	8	4	10	9.2	8.8	8	5	-15	11.6	11.0	8	5	-14	6.7	7.7
8	5	-13	25.7	24.9	8	5	-12	7.0	7.3	8	5	-11	27.7	27.1	8	5	-9	22.7	22.4	8	5	-7	15.2	14.8
8	5	-6	24.2	24.6	8	5	-5	21.2	20.9	8	5	-4	6.5	6.2	8	5	-3	4.4	2.3	8	5	-2	20.3	20.1
8	5	-1	15.3	14.9	8	5	0	23.8	23.8	8	5	1	18.2	18.4	8	5	2	11.6	12.1	8	5	3	16.9	17.4
8	5	4	28.4	27.8	8	5	6	13.5	13.9	8	5	8	10.4	11.5	8	5	9	5.2	4.2	8	6	-17	7.9	7.6
8	6	-14	9.2	8.8	8	6	-12	14.3	14.1	8	6	-11	25.4	25.7	8	6	-10	24.2	24.8	8	6	-9	4.4	1.2
8	6	-8	17.1	17.4	8	6	-7	4.5	2.0	8	6	-6	4.4	1.2	8	6	-5	8.7	8.0	8	6	-4	39.8	38.7
8	6	-3	39.7	37.7	8	6	-2	15.7	15.4	8	6	-1	7.8	8.1	8	6	0	27.4	26.7	8	6	1	12.1	10.7
8	6	2	20.9	22.3	8	6	3	12.6	12.3	8	6	4	24.0	23.6	8	6	5	7.8	6.3	8	6	9	8.3	8.5
8	7	-15	11.0	11.1	8	7	-14	9.6	9.9	8	7	-13	20.1	20.1	8	7	-12	6.1	4.5	8	7	-11	18.2	18.5
8	7	-9	19.2	19.1	8	7	-7	14.9	14.4	8	7	-6	19.2	18.3	8	7	-5	11.9	11.9	8	7	-4	6.2	5.7
8	7	-2	10.4	11.5	8	7	-1	11.8	12.0	8	7	0	12.8	13.8	8	7	1	16.8	16.2	8	7	2	9.9	9.1
8	7	3	9.7	9.3	8	7	4	22.8	22.4	8	7	6	14.0	13.8	8	7	7	4.8	0.5	8	8	-12	6.2	1.6
8	8	-11	9.1	9.1	8	8	-10	4.7	0.4	8	8	-8	7.7	6.8	8	8	-7	6.6	5.0	8	8	-6	15.6	15.1
8	8	-5	12.3	11.9	8	8	-4	4.8	1.0	8	8	-3	28.9	29.1	8	8	-2	28.7	29.8	8	8	-1	21.3	22.6
8	8	2	15.8	15.6	8	8	3	9.8	9.7	8	8	4	7.0	5.9	8	8	5	16.9	16.5	8	8	6	10.3	10.6
8	9	-11	14.6	15.3	8	9	-9	13.4	12.9	8	9	-8	4.6	1.3	8	9	-7	9.0	9.2	8	9	-6	11.3	12.1
8	9	-5	11.3	10.9	8	9	-2	10.0	11.0	8	9	-1	10.1	10.6	8	9	0	11.7	12.9	8	9	1	7.8	9.6
8	9	2	8.8	9.5	8	9	3	11.4	10.6	8	10	-4	18.7	19.8	8	10	-3	17.8	19.4	8	10	-2	7.3	7.5
9	0	-20	6.5	6.1	9	0	-19	5.0	2.0	9	0	-18	17.4	16.8	9	0	-14	25.4	25.9	9	0	-13	8.5	8.5
9	0	-12	29.9	29.8	9	0	-11	13.3	13.2	9	0	-10	20.4	19.2	9	0	-9	28.9	28.3	9	0	-8	51.7	51.2
9	0	-7	8.5	8.4	9	0	-6	31.2	31.9	9	0	-5	17.5	17.6	9	0	-4	49.4	50.3	9	0	-3	36.4	36.8
9	0	-2	25.3	25.2	9	0	0	10.2	8.0	9	0	1	42.9	42.3	9	0	2	36.3	35.5	9	0	3	5.7	5.4
9	0	4	13.2	12.8	9	0	5	24.3	23.8	9	0	6	30.1	28.7	9	0	9	16.9	16.6	9	0	11	10.5	11.7
9	1	-20	6.2	7.2	9	1	-19	6.7	5.3	9	1	-17	23.6	24.1	9	1	-16	6.4	5.7	9	1	-15	13.6	13.7
9	1	-13	5.5	4.0	9	1	-12	6.2	5.8	9	1	-11	28.9	28.3	9	1	-10	5.8	3.4	9	1	-9	5.8	6.6
9	1	-8	6.9	6.6	9	1	-7	21.1	21.1	9	1	-6	55.1	54.4	9	1	-5	23.6	23.1	9	1	-4	5.2	4.5
9	1	-3	4.5	4.6	9	1	-2	19.7	20.0	9	1	-1	4.3	3.0	9	1	0	7.1	6.9	9	1	1	4.2	2.9
9	1	2	40.8	39.8	9	1	3	11.5	11.7	9	1	4	12.0	12.5	9	1	5	18.5	18.8	9	1	7	6.5	7.7
9	1	8	12.2	12.3	9	1	9	27.8	28.9	9	1	10	5.7	4.3	9	1	11	5.2	5.2	9	2	-18	6.5	4.8
9	2	-17	8.0	8.2	9	2	-16	17.4	17.3	9	2	-15	5.3	4.5	9	2	-14	37.6	37.3	9	2	-13	10.8	10.6
9	2	-12	8.4	8.0	9	2	-11	15.5	15.6	9	2	-10	56.3	55.6	9	2	-9	29.8	28.5	9	2	-8	6.3	6.3
9	2	-7	21.0	21.1	9	2	-6	19.5	19.5	9	2	-4	6.6	6.5	9	2	-3	14.7	14.2	9	2	-2	29.9	29.4
9	2	-1	12.7	11.8	9	2	0	45.6	44.7	9	2	1	33.2	32.1	9	2	3	8.2	8.3	9	2	4	10.9	10.7
9	2	5	21.5	21.4	9	2	7	10.2	9.1	9	2	8	16.5	17.0	9	2	9	20.6	21.0	9	2	11	9.4	10.9
9	3	-19	5.5	3.2	9	3	-17	23.1	23.7	9	3	-15	12.2	12.6	9	3	-12	6.8	6.8	9	3	-11	22.1	21.9
9	3	-9	9.7	9.5	9	3	-8	9.1	8.5	9	3	-7	24.5	23.5	9	3	-6	42.8	43.0	9	3	-5	21.7	22.0
9	3	-3	3.8	1.7	9	3	-2	19.3	18.6	9	3	-1	7.5	6.8	9	3	0	10.1	10.0	9	3	2	32.6	32.2
9	3	3	8.3	7.3	9	3	4	7.3	8.1	9	3	5	15.1	15.4	9	3	7	9.9	10.2	9	3	8	11.3	11.9
9	3	9	27.0	28.3	9	4	-18	14.9	14.4	9	4	-14	21.7	21.5	9	4	-13	7.3	6.8	9	4	-12	25.9	25.6
9	4	-11	11.8	11.5	9	4	-10	15.8	16.0	9	4	-9	21.9	22.3	9	4	-8	39.4	39.1	9	4	-7	7.0	5.7
9	4	-6	24.4	24.7	9	4	-5	12.8	13.2	9	4	-4	38.6	39.6	9	4	-3	27.3	28.0	9	4	-2	19.4	19.3
9	4	0	7.6	6.6	9	4	1	34.4	34.1	9	4	2	28.6	29.3	9	4	4	9.3	9.0	9	4	5	18.8	18.9

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
9	4	6	23.4	23.8	9	4	9	14.3	14.6	9	4	10	4.9	2.9	9	5-17		16.3	16.6	9	5-16		5.8	6.1
9	5-15		11.2	11.0	9	5-13		6.6	6.3	9	5-11		23.8	22.8	9	5-10		5.9	4.5	9	5 -8		4.3	2.2
9	5 -7		13.5	13.5	9	5 -6		44.2	42.2	9	5 -5		16.4	15.7	9	5 -4		9.0	8.8	9	5 -3		7.4	7.1
9	5 -2		13.8	13.7	9	5 2		31.8	31.0	9	5 3		11.8	11.5	9	5 4		13.6	12.2	9	5 5		16.5	16.2
9	5 6		5.8	5.8	9	5 7		5.4	4.5	9	5 8		9.0	8.5	9	5 9		21.2	21.4	9	6-16		10.9	10.9
9	6-14		26.0	25.9	9	6-13		7.0	6.7	9	6-12		6.9	6.4	9	6-11		11.9	12.1	9	6-10		37.5	37.6
9	6 -9		20.2	19.9	9	6 -8		4.5	3.3	9	6 -7		13.0	12.7	9	6 -6		14.1	13.2	9	6 -4		5.1	3.6
9	6 -3		8.8	8.4	9	6 -2		18.6	18.1	9	6 -1		10.2	9.7	9	6 0		27.9	28.6	9	6 1		22.4	21.8
9	6 3		5.9	5.3	9	6 4		9.0	9.8	9	6 5		13.3	14.6	9	6 7		6.8	6.5	9	6 8		12.1	13.3
9	7-15		8.7	9.0	9	7-14		5.7	5.7	9	7-11		10.9	11.1	9	7 -9		8.4	8.9	9	7 -8		7.9	7.2
9	7 -7		18.1	18.1	9	7 -6		23.2	22.9	9	7 -5		14.5	14.2	9	7 -2		11.7	12.5	9	7 -1		7.4	7.6
9	7 0		7.8	8.3	9	7 2		17.8	16.4	9	7 4		6.1	3.2	9	7 5		9.1	9.4	9	8-12		17.6	17.7
9	8-11		7.1	8.3	9	8-10		10.9	10.5	9	8 -9		11.3	11.6	9	8 -8		19.9	20.3	9	8 -6		14.3	13.8
9	8 -5		6.3	5.8	9	8 -4		23.8	24.1	9	8 -3		15.5	16.2	9	8 -2		11.3	11.4	9	8 1		21.2	20.6
9	8 2		19.9	18.7	9	9 -7		8.1	7.2	9	9 -6		23.3	24.3	9	9 -5		7.0	7.4	9	9 -4		8.1	9.3
9	9 -3		6.0	5.6	9	9 -2		7.9	8.5	9	9 0		5.4	1.4	10	0-20		21.3	21.3	10	0-19		7.3	7.7
10	0-18		15.5	16.5	10	0-17		12.4	12.4	10	0-15		19.2	18.5	10	0-14		32.1	31.4	10	0-13		10.6	10.1
10	0-12		35.6	35.1	10	0-11		17.1	16.3	10	0-10		28.9	28.2	10	0 -9		51.0	51.3	10	0 -8		4.0	3.5
10	0 -7		5.7	4.9	10	0 -6		17.7	18.4	10	0 -5		19.5	19.4	10	0 -4		40.7	40.9	10	0 -3		29.0	28.7
10	0 -2		6.7	7.5	10	0 -1		55.0	53.6	10	0 0		44.2	43.8	10	0 1		14.6	15.0	10	0 2		17.1	17.3
10	0 4		12.3	12.0	10	0 5		9.9	9.2	10	0 6		11.8	10.9	10	0 7		14.2	14.2	10	0 9		19.0	19.0
10	0 10		15.0	16.8	10	1-19		7.9	8.4	10	1-17		25.9	25.8	10	1-15		16.7	16.2	10	1-14		23.0	22.3
10	1-13		30.6	30.1	10	1-12		35.8	36.6	10	1-11		14.1	14.2	10	1-10		16.7	16.1	10	1 -9		16.3	15.9
10	1 -8		10.4	10.0	10	1 -7		5.0	4.3	10	1 -6		4.4	3.8	10	1 -5		18.7	18.4	10	1 -4		18.9	18.6
10	1 -3		24.9	25.0	10	1 -2		27.4	26.4	10	1 -1		27.4	26.4	10	1 0		5.4	4.1	10	1 1		9.0	9.7
10	1 2		24.8	24.3	10	1 3		12.0	11.9	10	1 4		12.4	12.2	10	1 6		20.7	20.2	10	1 8		6.2	6.1
10	1 9		14.5	15.2	10	2-17		5.5	3.0	10	2-16		10.0	9.2	10	2-15		24.7	24.0	10	2-14		5.5	5.3
10	2-13		5.6	3.2	10	2-12		8.2	8.5	10	2-11		4.6	4.5	10	2-10		4.9	4.3	10	2 -9		20.7	20.2
10	2 -8		47.3	45.9	10	2 -7		4.4	1.8	10	2 -6		48.3	48.2	10	2 -5		10.3	9.7	10	2 -4		16.1	16.4
10	2 -2		19.5	19.2	10	2 -1		38.6	37.2	10	2 0		6.9	6.9	10	2 2		30.0	29.8	10	2 3		11.0	11.7
10	2 4		6.6	7.0	10	2 5		15.4	15.2	10	2 6		37.0	37.2	10	2 8		13.1	13.3	10	2 9		10.0	10.1
10	3-19		8.3	8.4	10	3-18		5.1	2.5	10	3-17		24.1	22.9	10	3-15		17.1	16.8	10	3-14		21.1	21.0
10	3-13		28.8	27.9	10	3-12		31.1	31.5	10	3-11		12.6	12.2	10	3-10		14.4	14.0	10	3 -9		15.4	15.5
10	3 -8		8.6	7.9	10	3 -7		4.9	4.1	10	3 -6		5.6	2.7	10	3 -5		14.3	14.5	10	3 -4		15.8	15.9
10	3 -3		24.7	23.7	10	3 -2		21.9	22.1	10	3 -1		25.0	23.9	10	3 1		9.1	9.4	10	3 2		22.0	22.0
10	3 3		8.9	8.6	10	3 4		12.1	12.6	10	3 6		20.3	20.4	10	3 9		13.6	14.5	10	4-18		15.2	14.9
10	4-17		9.5	10.6	10	4-15		16.1	15.7	10	4-14		26.3	25.6	10	4-13		7.6	7.2	10	4-12		27.9	27.8
10	4-11		13.4	13.3	10	4-10		23.8	23.4	10	4 -9		42.4	41.3	10	4 -7		5.0	4.2	10	4 -6		14.0	13.8
10	4 -5		16.0	16.1	10	4 -4		33.6	33.6	10	4 -3		22.6	21.9	10	4 -2		6.0	5.7	10	4 -1		43.7	43.0
10	4 0		34.5	34.1	10	4 1		11.1	10.7	10	4 2		14.9	14.5	10	4 4		11.9	10.9	10	4 5		7.1	7.8
10	4 6		8.2	9.0	10	4 7		12.1	12.7	10	5-17		20.5	21.1	10	5-16		4.9	0.8	10	5-15		12.3	11.8
10	5-14		15.7	16.9	10	5-13		23.1	22.4	10	5-12		29.4	29.4	10	5-11		9.9	9.6	10	5-10		10.4	9.7
10	5 -9		10.9	11.4	10	5 -8		7.7	8.0	10	5 -7		5.2	3.2	10	5 -6		4.9	2.9	10	5 -5		14.7	14.0
10	5 -4		13.2	12.5	10	5 -3		16.9	16.0	10	5 -2		19.7	19.8	10	5 -1		20.5	20.6	10	5 0		6.5	5.5
10	5 1		8.3	8.3	10	5 2		17.7	17.7	10	5 3		10.2	10.7	10	5 4		8.7	9.9	10	5 6		13.9	14.7
10	6-16		7.3	7.9	10	6-15		16.8	17.3	10	6-14		5.9	4.3	10	6-12		5.5	6.4	10	6-10		4.9	1.6
10	6 -9		15.6	15.1	10	6 -8		29.9	30.2	10	6 -6		30.6	30.4	10	6 -5		5.9	5.9	10	6 -4		11.4	11.9
10	6 -2		14.6	14.9	10	6 -1		25.8	25.4	10	6 0		5.2	4.2	10	6 2		21.0	20.7	10	6 3		7.2	7.3
10	6 5		10.9	11.3	10	6 6		26.2	26.2	10	7-14		14.2	14.9	10	7-13		18.6	18.5	10	7-12		19.6	19.8
10	7-11		7.5	6.5	10	7-10		7.7	6.6	10	7 -9		11.1	10.6	10	7 -7		5.2	3.5	10	7 -5		8.9	8.1
10	7 -4		6.2	7.2	10	7 -3		14.7	15.3	10	7 -2		11.5	12.0	10	7 -1		15.9	16.1	10	7 1		8.3	7.7
10	7 2		14.4	14.1	10	7 4		10.3	10.6	10	8-12		15.0	15.4	10	8-11		8.8	7.9	10	8-10		14.6	14.7
10	8 -9		24.5	24.7	10	8 -7		4.8	3.4	10	8 -6		7.4	6.7	10	8 -5		9.5	10.5	10	8 -4		21.6	22.3
10	8 -3		9.0	11.1	10	8 -1		22.3	24.5	10	8 0		17.7	18.6	10	8 2		9.6	9.6	10	9 -8		5.4	3.9
10	9 -5		8.9	9.0	10	9 -4		6.6	5.2	10	9 -3		6.7	7.9	10	9 -2		9.8	10.2	10	9 -1		11.9	13.7
11	0-18		12.8	11.5	11	0-17		10.1	9.5	11	0-16		31.3	30.9	11	0-15		23.9	24.4	11	0-14		16.1	15.6
11	0-13		6.7	6.8	11	0-12		7.3	6.0	11	0-11		5.1	3.0	11	0-10		29.3	29.3	11	0 -9		35.6	35.1
11	0 -8		14.0	13.3	11	0 -7		31.4	31.1	11	0 -6		30.1	30.5	11	0 -5		23.9	24.7	11	0 -3		17.6	17.1
11	0 -2		25.8	26.0	11	0 -1		4.2	3.8	11	0 0		9.1	8.8	11	0 1		5.3	6.1	11	0 3		30.7	29.9
11	0 4		27.9	27.6	11	0 6		9.0	8.3	11	0 8		17.8	17.6	11	1-19		5.7	4.0	11	1-18		15.1	15.1

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
11	1	-17	9.1	7.9	11	1	-16	7.5	7.8	11	1	-15	19.6	19.6	11	1	-14	6.3	5.2	11	1	-13	8.8	8.9
11	1	-12	13.3	12.7	11	1	-10	6.2	4.4	11	1	-9	13.4	12.9	11	1	-8	17.7	17.6	11	1	-7	21.7	21.7
11	1	-6	29.3	29.6	11	1	-5	27.7	28.0	11	1	-4	51.8	52.1	11	1	-3	24.6	23.9	11	1	-2	4.9	3.6
11	1	0	13.4	13.3	11	1	2	6.1	5.6	11	1	3	17.3	17.8	11	1	4	8.1	6.8	11	1	5	20.5	19.8
11	1	6	10.9	11.5	11	1	7	13.0	13.1	11	2	-19	6.5	5.1	11	2	-18	11.9	11.6	11	2	-17	18.5	18.5
11	2	-16	11.2	10.4	11	2	-15	9.3	9.8	11	2	-14	14.1	13.3	11	2	-13	4.7	0.9	11	2	-12	42.2	40.6
11	2	-11	9.5	8.9	11	2	-9	27.2	26.8	11	2	-8	41.5	40.0	11	2	-7	29.1	28.0	11	2	-6	4.8	3.7
11	2	-5	16.7	17.8	11	2	-4	23.2	22.7	11	2	-3	5.9	5.9	11	2	-1	8.9	9.0	11	2	0	22.6	22.6
11	2	1	7.5	7.8	11	2	2	20.3	19.9	11	2	3	35.6	34.3	11	2	6	6.2	7.5	11	2	7	15.1	16.0
11	3	-18	14.1	14.5	11	3	-17	8.4	8.6	11	3	-15	16.5	16.2	11	3	-14	5.5	3.9	11	3	-13	10.4	10.2
11	3	-12	8.5	8.1	11	3	-10	6.2	5.4	11	3	-9	17.0	16.6	11	3	-8	15.9	15.8	11	3	-7	22.3	21.6
11	3	-6	22.3	21.2	11	3	-5	25.1	23.7	11	3	-4	47.4	46.0	11	3	-3	16.4	16.2	11	3	-2	7.1	6.3
11	3	0	15.4	15.7	11	3	2	6.5	4.8	11	3	3	18.4	17.9	11	3	4	8.6	9.2	11	3	5	18.9	18.4
11	3	6	8.5	9.6	11	3	7	14.6	15.2	11	4	-18	9.1	9.1	11	4	-17	7.1	7.9	11	4	-16	26.2	26.1
11	4	-15	20.7	20.6	11	4	-14	14.8	14.7	11	4	-13	5.8	4.8	11	4	-10	25.1	24.3	11	4	-9	29.7	28.5
11	4	-8	11.7	11.1	11	4	-7	26.5	24.9	11	4	-6	24.2	24.0	11	4	-5	19.3	18.9	11	4	-3	13.9	13.6
11	4	-2	21.3	21.7	11	4	0	7.1	6.8	11	4	1	6.8	6.4	11	4	3	27.3	25.7	11	4	4	23.4	23.5
11	4	6	6.6	6.7	11	5	-17	5.6	5.8	11	5	-16	7.4	6.6	11	5	-15	16.1	16.4	11	5	-14	6.1	5.4
11	5	-12	12.8	12.3	11	5	-9	6.3	6.1	11	5	-8	12.9	13.0	11	5	-7	16.1	16.3	11	5	-6	26.3	26.8
11	5	-5	21.5	21.9	11	5	-4	39.3	39.4	11	5	-3	19.8	20.6	11	5	0	7.8	7.4	11	5	2	5.7	3.6
11	5	3	11.2	11.2	11	5	5	15.0	15.1	11	5	6	9.7	9.8	11	6	-15	7.7	7.5	11	6	-14	9.1	8.3
11	6	-12	27.1	28.2	11	6	-11	6.0	7.0	11	6	-9	18.2	18.1	11	6	-8	28.5	28.7	11	6	-7	18.2	18.0
11	6	-5	10.6	11.0	11	6	-4	15.1	14.7	11	6	-3	5.3	4.9	11	6	-1	6.7	6.9	11	6	0	16.0	15.7
11	6	1	8.6	7.7	11	6	2	13.1	13.8	11	6	3	24.1	24.0	11	7	-14	5.4	2.3	11	7	-13	7.0	6.9
11	7	-12	5.0	3.1	11	7	-9	14.2	14.1	11	7	-8	8.7	9.4	11	7	-7	16.7	16.8	11	7	-6	9.9	10.4
11	7	-5	14.8	14.9	11	7	-4	28.1	28.6	11	7	-3	5.6	5.9	11	7	-2	7.0	7.1	11	7	-1	4.8	0.9
11	7	0	12.3	13.1	11	7	3	11.4	12.1	11	8	-10	15.6	15.7	11	8	-9	16.6	16.8	11	8	-8	7.5	7.6
11	8	-7	12.9	14.1	11	8	-6	13.8	13.7	11	8	-5	8.9	8.6	11	8	-3	7.6	8.3	11	8	-2	13.7	14.1
12	0	-19	14.9	16.3	12	0	-18	16.3	17.5	12	0	-16	15.8	15.8	12	0	-15	6.5	4.5	12	0	-14	6.2	5.7
12	0	-13	5.7	4.6	12	0	-12	16.5	17.0	12	0	-11	12.7	12.8	12	0	-10	4.9	2.6	12	0	-9	46.7	46.1
12	0	-8	18.6	18.5	12	0	-7	43.8	42.0	12	0	-6	9.7	8.7	12	0	-5	7.8	6.3	12	0	-4	10.9	10.8
12	0	-3	4.4	2.0	12	0	-2	28.4	28.7	12	0	-1	19.9	18.9	12	0	0	11.4	11.4	12	0	1	10.2	9.7
12	0	2	31.5	35.0	12	0	4	8.9	9.0	12	0	6	17.3	18.2	12	0	7	11.9	13.1	12	1	-19	7.5	8.3
12	1	-18	5.9	6.2	12	1	-17	10.4	10.7	12	1	-16	14.0	13.6	12	1	-15	18.8	18.5	12	1	-14	6.3	4.5
12	1	-13	6.6	6.5	12	1	-12	25.9	25.6	12	1	-11	21.5	21.0	12	1	-10	28.5	27.4	12	1	-9	11.9	11.6
12	1	-8	11.9	11.8	12	1	-6	7.6	7.5	12	1	-4	4.7	4.6	12	1	-3	8.4	8.1	12	1	-2	5.6	5.6
12	1	-1	20.5	20.6	12	1	0	18.8	18.7	12	1	1	21.7	21.6	12	1	2	12.5	12.2	12	1	3	8.6	9.1
12	1	4	12.4	12.5	12	1	5	13.9	13.3	12	1	6	12.9	13.0	12	2	-18	29.7	30.5	12	2	-16	13.5	12.7
12	2	-14	12.1	11.3	12	2	-13	15.1	14.7	12	2	-12	11.4	11.6	12	2	-11	10.1	10.1	12	2	-10	26.1	26.0
12	2	-9	21.4	20.4	12	2	-8	6.2	7.4	12	2	-7	39.0	37.8	12	2	-6	9.6	8.9	12	2	-5	4.6	2.2
12	2	-4	16.9	17.1	12	2	-3	19.0	18.6	12	2	-2	12.4	12.6	12	2	-1	14.4	14.0	12	2	0	5.2	2.4
12	2	1	31.8	31.0	12	2	2	10.8	10.3	12	2	3	5.9	3.9	12	2	4	29.6	29.1	12	2	5	6.6	6.0
12	3	-18	6.3	4.0	12	3	-17	10.0	9.9	12	3	-16	11.6	12.2	12	3	-15	19.7	19.0	12	3	-14	6.2	4.2
12	3	-13	6.3	5.7	12	3	-12	22.1	21.8	12	3	-11	19.1	18.8	12	3	-10	26.2	26.0	12	3	-9	9.3	9.4
12	3	-8	11.0	9.9	12	3	-6	7.0	6.2	12	3	-5	4.5	3.1	12	3	-4	4.5	4.0	12	3	-3	7.1	5.4
12	3	-2	6.1	5.6	12	3	-1	17.8	18.0	12	3	0	18.2	18.8	12	3	1	18.7	19.6	12	3	2	12.1	12.1
12	3	3	9.9	7.2	12	3	4	13.5	12.9	12	3	5	12.9	13.4	12	3	6	12.1	13.0	12	4	-16	13.9	13.8
12	4	-15	5.6	3.5	12	4	-13	6.4	4.1	12	4	-12	14.8	15.0	12	4	-11	10.1	10.2	12	4	-9	37.7	37.0
12	4	-8	14.3	14.5	12	4	-7	35.2	35.1	12	4	-6	6.5	6.1	12	4	-5	4.7	3.7	12	4	-4	8.9	8.6
12	4	-2	24.1	24.0	12	4	-1	16.0	15.6	12	4	0	10.0	9.3	12	4	1	8.5	7.6	12	4	2	30.2	29.9
12	4	3	5.4	3.2	12	4	4	7.4	6.8	12	5	-16	10.2	10.3	12	5	-15	12.5	13.0	12	5	-13	7.1	6.8
12	5	-12	20.9	21.3	12	5	-11	16.5	16.1	12	5	-10	20.8	20.4	12	5	-9	9.5	8.6	12	5	-8	8.3	8.0
12	5	-6	5.0	6.0	12	5	-4	5.2	2.7	12	5	-3	7.1	6.7	12	5	-2	6.9	5.6	12	5	-1	15.6	16.0
12	5	0	11.5	12.5	12	5	1	19.2	18.2	12	5	2	9.3	8.4	12	5	3	8.5	9.5	12	5	4	7.2	8.7
12	6	-14	7.4	8.6	12	6	-13	10.9	10.4	12	6	-12	8.8	8.0	12	6	-11	5.7	5.4	12	6	-10	19.9	19.1
12	6	-9	14.8	14.9	12	6	-8	6.4	4.7	12	6	-7	26.6	26.9	12	6	-6	6.9	6.1	12	6	-5	4.6	2.5
12	6	-4	12.4	12.8	12	6	-3	10.7	11.6	12	6	-2	6.4	6.5	12	6	-1	8.5	7.8	12	6	1	20.8	20.6
12	6	2	6.2	6.3	12	7	-13	5.6	5.1	12	7	-12	12.1	13.4	12	7	-11	12.1	12.5	12	7	-10	18.0	17.9
12	7	-9	5.0	4.6	12	7	-8	6.2	4.4	12	7	-6	4.8	3.9	12	7	-4	4.8	1.4	12	7	-3	4.9	1.2
12	7	-2	6.1	5.3	12	7	-1	9.8	10.7	12	7	0	12.1	13.1	12	7	1	14.6	14.3	12	8	-9	20.2	21.0

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
12	8	-8	7.0	7.4	12	8	-7	20.6	22.3	12	8	-4	6.0	5.4	12	8	-3	5.2	1.7	13	0	-18	10.4	11.6
13	0	-15	31.5	31.6	13	0	-14	21.9	20.6	13	0	-13	11.0	10.4	13	0	-12	18.5	18.0	13	0	-11	13.5	13.3
13	0	-9	4.5	4.3	13	0	-8	11.5	11.5	13	0	-7	19.8	19.2	13	0	-6	5.3	4.4	13	0	-5	5.3	5.5
13	0	-4	45.5	44.4	13	0	-1	23.0	22.2	13	0	0	24.9	25.0	13	0	1	17.2	17.5	13	0	2	9.2	9.0
13	0	3	6.8	6.5	13	0	4	9.5	9.0	13	0	5	11.6	13.3	13	1	-17	6.8	5.6	13	1	-14	8.3	7.7
13	1	-12	24.7	24.0	13	1	-10	15.0	14.5	13	1	-9	6.8	6.6	13	1	-7	16.1	15.9	13	1	-6	4.8	4.2
13	1	-4	33.0	33.5	13	1	-2	18.2	18.5	13	1	-1	23.2	23.0	13	1	1	7.3	5.8	13	1	2	16.8	16.4
13	1	3	14.8	13.9	13	1	4	5.4	7.2	13	1	5	12.4	13.3	13	2	-18	6.0	5.4	13	2	-16	15.9	15.4
13	2	-15	21.9	21.9	13	2	-14	7.3	5.5	13	2	-13	14.0	13.6	13	2	-12	7.1	6.2	13	2	-11	13.1	12.9
13	2	-10	16.6	16.2	13	2	-9	5.6	4.7	13	2	-8	14.1	13.8	13	2	-7	14.7	14.7	13	2	-6	24.3	25.3
13	2	-5	4.5	1.6	13	2	-4	10.8	11.4	13	2	-3	14.3	13.7	13	2	-2	26.4	26.8	13	2	-1	33.5	33.9
13	2	0	7.8	6.6	13	2	1	13.6	13.8	13	2	2	20.0	19.2	13	2	3	13.4	13.7	13	2	4	20.5	20.7
13	3	-14	7.3	7.7	13	3	-12	19.3	18.9	13	3	-10	13.8	13.1	13	3	-9	10.9	10.4	13	3	-7	14.1	13.9
13	3	-6	7.0	7.2	13	3	-4	31.0	31.8	13	3	-3	5.5	4.8	13	3	-2	20.2	20.0	13	3	-1	23.0	22.8
13	3	0	5.4	5.3	13	3	1	8.8	8.4	13	3	2	11.8	13.5	13	3	3	13.2	12.9	13	3	4	5.3	4.2
13	3	5	11.8	10.7	13	4	-16	5.4	2.6	13	4	-15	27.1	26.7	13	4	-14	16.7	17.0	13	4	-13	9.6	9.4
13	4	-12	15.5	15.8	13	4	-11	9.7	9.9	13	4	-9	5.3	3.2	13	4	-8	10.4	10.0	13	4	-7	16.0	16.4
13	4	-5	5.2	5.5	13	4	-4	37.3	37.3	13	4	-1	18.6	18.7	13	4	0	21.8	21.3	13	4	1	15.2	15.5
13	4	2	8.3	8.2	13	4	4	8.3	6.9	13	5	-15	6.2	2.2	13	5	-12	20.9	21.2	13	5	-10	12.0	12.2
13	5	-8	5.6	2.5	13	5	-7	13.7	13.2	13	5	-6	4.8	1.0	13	5	-4	24.6	23.8	13	5	-2	11.7	11.7
13	5	-1	15.8	16.1	13	5	2	12.9	14.2	13	5	3	10.2	10.2	13	6	-13	10.5	9.9	13	6	-12	6.5	5.3
13	6	-11	9.1	7.6	13	6	-10	12.2	12.5	13	6	-8	8.7	8.8	13	6	-7	10.3	9.5	13	6	-6	17.8	18.5
13	6	-5	5.6	0.7	13	6	-4	6.8	7.5	13	6	-3	9.2	8.9	13	6	-2	20.2	21.2	13	6	-1	22.9	25.3
13	6	0	6.1	4.3	13	6	1	9.7	9.8	13	7	-11	5.7	4.0	13	7	-10	9.4	9.1	13	7	-9	11.0	11.0
13	7	-7	8.6	9.2	13	7	-6	8.4	6.5	13	7	-4	20.1	21.1	13	7	-3	5.5	3.9	13	7	-2	13.9	15.4
14	0	-18	18.6	18.9	14	0	-17	17.3	17.8	14	0	-16	7.3	7.9	14	0	-15	11.6	11.4	14	0	-14	10.5	10.1
14	0	-12	12.2	11.1	14	0	-10	31.5	31.4	14	0	-9	6.6	6.2	14	0	-7	23.1	23.9	14	0	-6	19.6	20.5
14	0	-5	21.0	21.6	14	0	-4	6.9	6.9	14	0	-2	5.1	5.0	14	0	-1	11.8	11.9	14	0	0	5.1	2.4
14	0	2	20.3	19.3	14	0	4	19.3	19.8	14	1	-17	8.5	7.9	14	1	-16	6.7	5.6	14	1	-15	15.4	15.2
14	1	-14	12.2	12.1	14	1	-13	22.6	22.0	14	1	-12	9.2	8.9	14	1	-11	10.8	9.9	14	1	-10	30.3	30.5
14	1	-9	5.7	3.8	14	1	-7	14.9	15.7	14	1	-6	6.4	6.3	14	1	-5	8.5	8.7	14	1	-4	19.7	19.6
14	1	-2	8.5	9.3	14	1	-1	7.6	5.3	14	1	0	11.1	10.6	14	1	1	19.6	18.7	14	1	2	6.0	3.0
14	1	4	5.6	5.1	14	2	-17	19.2	19.8	14	2	-16	13.7	14.1	14	2	-13	5.3	1.4	14	2	-12	22.7	23.7
14	2	-10	6.3	5.5	14	2	-9	16.6	16.4	14	2	-8	15.4	16.1	14	2	-7	33.9	35.2	14	2	-6	20.0	21.0
14	2	-5	24.8	26.1	14	2	-4	25.8	25.4	14	2	-3	19.0	19.1	14	2	-2	13.1	12.6	14	2	0	19.5	19.5
14	2	1	9.1	8.7	14	2	2	5.0	3.8	14	3	-16	5.9	6.1	14	3	-15	16.4	15.3	14	3	-14	11.6	10.6
14	3	-13	19.5	19.2	14	3	-12	8.7	7.8	14	3	-11	9.0	9.2	14	3	-10	28.9	29.0	14	3	-9	5.5	3.4
14	3	-7	14.6	14.9	14	3	-6	5.6	6.1	14	3	-5	7.7	8.0	14	3	-4	18.0	18.4	14	3	-3	4.9	1.5
14	3	-2	8.3	9.2	14	3	0	10.6	11.2	14	3	1	16.5	16.6	14	4	-16	7.3	6.6	14	4	-15	9.3	9.3
14	4	-14	9.4	9.8	14	4	-12	9.3	9.3	14	4	-10	26.7	26.7	14	4	-9	6.1	5.9	14	4	-7	19.9	20.1
14	4	-6	16.2	17.1	14	4	-5	18.7	19.5	14	4	-4	7.4	5.8	14	4	-3	5.6	4.0	14	4	-2	6.1	3.7
14	4	-1	8.5	9.5	14	4	2	15.2	15.7	14	5	-14	8.8	9.6	14	5	-13	16.9	18.4	14	5	-12	9.3	8.5
14	5	-11	8.4	8.4	14	5	-10	22.0	22.4	14	5	-7	11.6	11.6	14	5	-5	8.3	7.8	14	5	-4	14.5	14.7
14	5	-2	7.8	7.8	14	5	-1	5.8	6.0	14	5	0	7.3	8.2	14	6	-12	15.9	16.9	14	6	-10	6.0	4.3
14	6	-9	11.3	10.6	14	6	-8	13.7	14.4	14	6	-7	23.2	24.9	14	6	-6	14.9	15.4	14	6	-5	18.0	18.7
14	6	-4	17.1	17.3	14	6	-3	14.2	14.9	14	6	-2	9.4	9.7	15	0	-17	9.1	8.9	15	0	-16	19.1	20.3
15	0	-15	22.0	21.4	15	0	-14	5.3	3.5	15	0	-13	24.6	24.6	15	0	-12	21.3	20.7	15	0	-10	10.2	10.5
15	0	-9	7.2	6.1	15	0	-7	6.3	6.0	15	0	-6	7.4	6.4	15	0	-5	13.2	12.2	15	0	-4	5.1	3.8
15	0	-3	9.2	7.8	15	0	-2	28.8	30.5	15	0	-1	7.7	7.7	15	0	1	11.7	11.6	15	0	2	12.6	12.6
15	1	-16	12.2	12.4	15	1	-15	5.6	5.2	15	1	-14	5.5	2.6	15	1	-13	6.9	7.7	15	1	-12	5.5	4.2
15	1	-11	7.9	6.6	15	1	-10	26.3	25.9	15	1	-8	10.6	11.2	15	1	-7	6.8	7.6	15	1	-6	8.0	7.8
15	1	-5	23.3	22.9	15	1	-3	5.6	3.7	15	1	-2	17.7	18.1	15	1	0	11.3	11.0	15	1	1	12.8	13.1
15	1	2	6.0	4.9	15	2	-15	10.1	10.8	15	2	-14	15.9	15.4	15	2	-13	33.8	33.7	15	2	-11	8.0	7.2
15	2	-10	13.9	14.1	15	2	-8	16.3	16.4	15	2	-6	9.8	10.1	15	2	-5	10.8	10.1	15	2	-4	16.4	15.9
15	2	-3	11.3	10.9	15	2	-2	13.6	14.2	15	2	0	6.6	7.1	15	2	1	12.3	12.1	15	3	-15	6.0	6.5
15	3	-13	7.1	6.7	15	3	-12	6.2	5.6	15	3	-11	6.2	4.0	15	3	-10	25.3	25.4	15	3	-8	11.6	12.7
15	3	-7	4.9	4.6	15	3	-6	9.8	9.2	15	3	-5	18.8	19.2	15	3	-3	6.2	3.7	15	3	-2	18.0	18.4
15	3	-1	5.3	3.3	15	3	0	10.8	10.1	15	3	1	12.3	13.8	15	4	-14	5.7	2.9	15	4	-13	20.4	21.2
15	4	-12	18.0	17.6	15	4	-11	5.0	0.9	15	4	-10	8.8	9.3	15	4	-9	6.1	4.8	15	4	-8	5.3	4.2
15	4	-7	6.9	5.2	15	4	-6	6.0	6.2	15	4	-5	9.8	9.8	15	4	-3	7.5	6.8	15	4	-2	24.8	25.8

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
15	4	-1	5.7	5.9	15	5	-11	7.3	7.4	15	5	-10	17.9	19.0	15	5	-9	4.9	3.1	15	5	-8	7.0	7.9
15	5	-7	7.7	8.5	15	5	-6	6.7	5.1	15	5	-5	19.1	20.0	15	5	-2	13.3	12.7	15	6	-7	4.8	2.6
16	0	-14	7.3	7.9	16	0	-13	13.8	14.9	16	0	-12	10.7	10.7	16	0	-11	5.9	5.3	16	0	-10	6.9	6.5
16	0	-9	7.8	8.0	16	0	-8	32.4	33.0	16	0	-7	6.5	6.9	16	0	-6	7.3	7.4	16	0	-5	15.7	16.2
16	0	-3	7.5	8.7	16	0	-1	11.4	11.8	16	0	0	7.3	8.4	16	1	-14	7.3	7.3	16	1	-13	5.0	1.6
16	1	-12	9.2	8.9	16	1	-11	5.7	5.6	16	1	-10	7.3	5.9	16	1	-9	5.6	3.3	16	1	-8	14.7	15.1
16	1	-7	15.5	16.1	16	1	-5	20.7	20.5	16	1	-4	6.5	7.4	16	1	-2	8.9	9.4	16	1	-1	6.1	7.0
16	2	-14	15.9	15.9	16	2	-13	14.4	14.5	16	2	-12	5.2	4.0	16	2	-11	6.0	4.7	16	2	-10	12.0	12.9
16	2	-8	11.0	9.5	16	2	-7	20.0	19.3	16	2	-5	22.2	22.9	16	2	-3	9.7	9.9	16	2	-2	18.3	19.3
16	3	-13	5.2	1.0	16	3	-12	8.5	7.7	16	3	-11	6.1	5.9	16	3	-10	7.2	6.7	16	3	-8	12.0	12.9
16	3	-7	14.7	15.2	16	3	-5	17.8	18.1	16	3	-4	6.8	7.8	16	3	-2	9.1	9.3	16	4	-12	9.7	10.1
16	4	-10	6.0	5.3	16	4	-9	6.2	7.2	16	4	-8	27.6	28.2	16	4	-7	7.2	6.9	16	4	-6	7.1	5.6
16	4	-5	13.5	13.7	17	0	-13	14.1	14.7	17	0	-12	5.3	5.0	17	0	-11	23.7	24.4	17	0	-10	15.9	16.3
17	0	-9	5.4	3.1	17	0	-8	5.6	4.5	17	0	-7	6.7	7.1	17	0	-6	9.7	9.2	17	0	-5	10.2	11.1
17	0	-4	5.5	5.4	17	1	-13	13.3	13.7	17	1	-11	12.2	12.9	17	1	-10	16.8	18.3	17	1	-9	9.7	9.6
17	1	-8	18.4	19.5	17	2	-12	5.3	4.4	17	2	-11	19.0	20.6	17	2	-10	5.9	6.7	17	2	-8	15.9	15.6
17	2	-7	8.1	8.7	17	2	-6	6.2	6.2	17	2	-5	7.8	8.8	17	3	-9	9.7	8.8	17	3	-8	18.8	19.6

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
0	0	1	7.5	7.1	0	0	2	3.7	0.7	0	0	3	35.3	33.5	0	0	4	8.1	4.8	0	0	5	30.2	31.0
0	0	6	36.2	36.4	0	0	7	24.9	25.2	0	0	9	8.1	8.4	0	0	11	28.1	28.4	0	0	12	14.1	13.9
0	0	13	7.6	7.7	0	0	14	14.7	14.8	0	0	15	5.9	5.3	0	0	16	6.3	5.9	0	1	1	3.6	3.6
0	1	2	9.5	10.0	0	1	3	85.9	87.8	0	1	4	23.9	23.0	0	1	5	34.9	35.8	0	1	6	5.1	4.7
0	1	7	40.5	42.9	0	1	8	46.5	48.6	0	1	9	6.0	5.6	0	1	10	7.5	7.8	0	1	11	21.3	21.3
0	1	12	8.4	9.1	0	1	13	13.9	14.1	0	1	15	5.2	4.3	0	2	0	130.3	127.0	0	2	1	5.0	5.8
0	2	2	80.9	85.6	0	2	3	75.0	75.7	0	2	4	34.1	34.2	0	2	5	12.4	13.0	0	2	6	56.2	57.2
0	2	7	43.5	45.5	0	2	8	41.1	41.4	0	2	9	5.6	5.6	0	2	10	10.0	8.7	0	2	11	29.5	30.1
0	2	12	8.3	8.3	0	2	14	4.3	2.0	0	2	15	5.2	5.6	0	3	2	6.2	5.8	0	3	3	56.2	58.2
0	3	4	10.4	9.9	0	3	5	27.7	28.9	0	3	7	34.1	34.4	0	3	8	35.4	35.0	0	3	9	7.3	6.9
0	3	10	6.6	6.5	0	3	11	18.1	18.2	0	3	12	9.1	9.4	0	3	13	13.1	12.8	0	3	15	5.2	4.9
0	4	0	190.3	189.4	0	4	1	6.7	5.9	0	4	3	14.4	14.7	0	4	4	14.3	14.1	0	4	5	14.6	15.2
0	4	6	22.2	22.9	0	4	7	15.4	15.0	0	4	9	4.9	4.3	0	4	11	20.4	19.8	0	4	12	8.9	8.7
0	4	13	4.4	4.0	0	4	14	11.3	10.7	0	5	3	36.9	39.1	0	5	5	16.3	17.0	0	5	6	3.4	4.0
0	5	7	24.0	24.2	0	5	8	23.7	24.5	0	5	10	4.1	3.4	0	5	11	10.7	9.5	0	5	12	4.5	4.9
0	5	13	9.1	8.7	0	6	0	38.8	40.1	0	6	2	33.3	35.0	0	6	3	14.7	14.4	0	6	4	11.1	11.1
0	6	6	21.6	21.2	0	6	7	16.6	15.2	0	6	8	18.9	18.7	0	6	10	6.9	7.3	0	6	11	15.3	15.1
0	6	12	7.6	6.6	0	7	3	16.4	18.1	0	7	5	11.4	12.8	0	7	7	15.1	14.7	0	7	8	11.4	11.1
0	7	11	7.2	7.1	0	8	0	50.8	51.5	0	8	1	3.8	4.0	0	8	3	5.8	4.3	0	8	4	10.4	9.7
0	8	5	3.6	4.2	0	8	6	9.3	8.5	0	8	7	4.8	4.9	0	8	8	4.2	1.8	0	9	3	12.7	10.5
0	9	4	4.4	4.0	0	9	5	5.6	5.5	1	0	-16	5.8	6.7	1	0	-14	11.3	10.9	1	0	-13	5.4	5.7
1	0	-12	3.8	4.9	1	0	-11	16.5	16.4	1	0	-10	42.1	42.9	1	0	-9	15.2	14.5	1	0	-8	5.4	6.6
1	0	-7	28.3	28.7	1	0	-6	122.0	121.4	1	0	-5	31.7	30.7	1	0	-4	43.2	43.6	1	0	-3	15.0	15.3
1	0	-2	64.4	61.2	1	0	-1	25.9	23.4	1	0	0	12.4	10.2	1	0	1	6.8	6.0	1	0	2	50.1	48.7
1	0	3	4.2	2.8	1	0	4	11.0	11.2	1	0	5	45.6	45.9	1	0	6	8.2	8.8	1	0	7	13.9	13.4
1	0	8	56.0	57.2	1	0	9	2.9	1.5	1	0	10	15.1	14.4	1	0	11	15.2	15.1	1	0	12	22.9	23.2
1	0	13	15.4	15.0	1	0	15	13.1	13.4	1	1	-15	6.1	4.8	1	1	-14	22.8	23.0	1	1	-13	13.7	13.8
1	1	-12	3.2	1.4	1	1	-10	12.7	12.0	1	1	-9	20.3	20.6	1	1	-8	7.7	7.9	1	1	-7	6.7	6.2
1	1	-6	21.4	21.5	1	1	-5	43.4	43.5	1	1	-4	28.9	28.0	1	1	-3	7.6	147.4	1	1	-2	14.4	14.2
1	1	-1	14.4	15.0	1	1	0	14.6	16.9	1	1	1	22.3	23.8	1	1	2	22.7	23.0	1	1	3	34.6	36.7
1	1	4	41.0	41.3	1	1	5	68.2	70.2	1	1	6	4.3	3.7	1	1	7	3.2	1.3	1	1	8	20.3	20.0
1	1	9	13.2	13.6	1	1	10	5.3	4.8	1	1	11	17.6	17.4	1	1	12	14.9	14.2	1	1	13	8.7	8.9
1	1	14	6.6	7.3	1	1	15	5.8	5.3	1	2	-15	4.1	3.6	1	2	-14	6.0	6.1	1	2	-13	6.9	7.3
1	2	-12	30.6	31.4	1	2	-11	8.3	7.7	1	2	-10	9.8	10.1	1	2	-9	5.8	6.6	1	2	-8	49.7	48.5
1	2	-7	11.8	12.1	1	2	-6	20.4	19.7	1	2	-5	2.5	1.6	1	2	-4	52.0	51.5	1	2	-3	52.0	52.4
1	2	-2	49.1	48.4	1	2	-1	3.5	1.5	1	2	0	69.2	72.3	1	2	1	14.7	13.6	1	2	2	18.7	20.8
1	2	3	19.6	20.4	1	2	4	61.5	62.3	1	2	5	23.4	23.7	1	2	6	33.5	34.1	1	2	7	12.9	12.6
1	2	8	28.6	28.8	1	2	9	7.9	6.8	1	2	10	42.4	41.2	1	2	11	9.7	8.5	1	2	12	6.6	5.9
1	2	13	8.6	8.0	1	2	14	8.3	8.6	1	2	15	8.9	9.6	1	3	-15	4.3	3.6	1	3	-14	19.5	19.0
1	3	-13	10.3	9.6	1	3	-10	13.3	13.4	1	3	-9	19.4	20.1	1	3	-8	4.3	4.9	1	3	-7	11.3	11.7
1	3	-6	7.5	7.5	1	3	-5	28.8	29.6	1	3	-4	10.0	9.8	1	3	-3	81.5	86.5	1	3	-2	16.3	16.7
1	3	-1	10.2	11.5	1	3	0	33.4	31.7	1	3	1	22.4	21.7	1	3	2	11.4	11.4	1	3	3	14.3	14.4
1	3	4	33.5	34.7	1	3	5	55.9	56.9	1	3	6	3.0	3.6	1	3	7	4.6	5.1	1	3	8	17.9	19.5
1	3	9	14.4	14.0	1	3	11	11.8	11.7	1	3	12	12.3	11.8	1	3	13	6.6	6.3	1	3	14	8.2	7.5
1	4	-14	8.8	8.5	1	4	-11	10.8	10.9	1	4	-10	32.8	33.0	1	4	-9	8.3	8.4	1	4	-8	3.8	2.6
1	4	-7	19.2	19.4	1	4	-6	70.8	71.8	1	4	-5	15.4	15.9	1	4	-4	23.4	24.7	1	4	-3	5.0	5.8
1	4	-2	28.0	31.8	1	4	-1	9.3	11.2	1	4	0	12.9	12.5	1	4	1	7.5	7.5	1	4	2	25.6	25.6
1	4	3	3.5	2.2	1	4	4	6.0	5.1	1	4	5	26.2	26.9	1	4	6	3.6	2.8	1	4	7	7.8	7.8
1	4	8	37.2	37.2	1	4	10	10.4	10.2	1	4	11	11.9	10.6	1	4	12	18.6	18.3	1	4	13	11.2	9.8
1	5	-14	13.1	13.2	1	5	-13	11.8	11.3	1	5	-9	9.1	8.9	1	5	-7	3.0	2.9	1	5	-6	13.6	14.9
1	5	-5	20.3	21.5	1	5	-4	5.6	6.0	1	5	-3	64.6	70.6	1	5	-2	5.3	5.5	1	5	-1	7.2	8.6
1	5	0	5.9	5.9	1	5	1	4.2	4.3	1	5	2	8.3	9.3	1	5	3	24.8	25.3	1	5	4	12.3	11.8
1	5	5	29.8	30.2	1	5	6	4.6	5.1	1	5	8	8.8	9.0	1	5	9	9.1	8.5	1	5	10	6.0	4.3
1	5	11	10.5	9.8	1	5	12	8.2	7.6	1	5	13	7.2	7.1	1	6	-13	4.2	2.6	1	6	-12	15.4	14.5
1	6	-10	7.6	7.8	1	6	-8	24.6	25.9	1	6	-7	6.3	8.3	1	6	-6	7.2	7.6	1	6	-4	20.2	21.0
1	6	-3	10.4	12.2	1	6	-2	15.8	20.7	1	6	0	25.4	24.9	1	6	1	11.0	11.1	1	6	2	12.4	11.8
1	6	3	3.8	2.0	1	6	4	30.4	29.8	1	6	5	10.7	11.1	1	6	6	18.4	19.5	1	6	8	11.1	10.2
1	6	9	5.2	4.5	1	6	10	22.6	22.0	1	6	11	7.3	5.2	1	7	-10	5.7	6.3	1	7	-9	9.5	9.2
1	7	-7	8.5	7.9	1	7	-5	8.6	9.8	1	7	-3	23.0	27.6	1	7	-2	6.8	8.2	1	7	-1	5.7	5.9
1	7	0	9.1	8.6	1	7	1	8.1	7.5	1	7	3	5.6	4.9	1	7	4	11.8	11.0	1	7	5	21.0	20.7

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
1	7	6	3.7	3.3	1	7	7	4.8	4.7	1	7	8	8.2	9.0	1	7	9	9.9	8.7	1	8	-7	9.6	8.6
1	8	-6	25.1	23.1	1	8	-5	7.9	7.1	1	8	-4	7.0	6.7	1	8	-2	11.8	10.9	1	8	0	8.8	8.3
1	8	1	5.4	5.4	1	8	2	10.0	9.9	1	8	5	9.6	8.7	1	8	8	13.8	12.9	1	9	-6	4.4	5.2
1	9	-5	7.1	6.9	1	9	-3	24.2	22.1	1	9	-2	4.5	2.4	1	9	-1	4.8	3.6	1	9	0	5.8	4.4
1	9	3	11.8	10.0	1	9	5	8.1	8.2	2	0	-16	18.3	18.6	2	0	-15	6.7	7.0	2	0	-13	5.8	6.3
2	0	-12	25.9	26.5	2	0	-11	5.9	5.3	2	0	-10	43.7	45.8	2	0	-9	37.1	38.0	2	0	-8	52.9	53.1
2	0	-7	18.5	18.3	2	0	-6	66.1	65.8	2	0	-5	15.4	14.1	2	0	-4	22.3	19.8	2	0	-3	5.9	3.1
2	0	-2	68.0	63.5	2	0	-1	3.1	3.0	2	0	0	54.1	55.5	2	0	1	53.3	56.3	2	0	2	97.9	105.8
2	0	3	72.4	75.3	2	0	4	25.9	26.1	2	0	5	3.9	4.8	2	0	6	50.4	53.5	2	0	7	40.5	42.5
2	0	8	7.8	8.2	2	0	9	19.8	20.2	2	0	10	21.3	20.7	2	0	11	10.9	10.6	2	0	12	10.1	10.7
2	0	13	7.2	6.7	2	0	14	7.9	7.9	2	1	-15	9.8	10.5	2	1	-14	10.0	9.5	2	1	-13	14.5	15.3
2	1	-12	10.1	10.4	2	1	-11	26.8	26.6	2	1	-10	15.0	15.1	2	1	-9	32.3	32.8	2	1	-7	34.1	34.8
2	1	-6	36.2	35.5	2	1	-5	3.9	1.2	2	1	-4	38.3	35.7	2	1	-3	24.6	23.9	2	1	-2	11.5	8.7
2	1	-1	69.2	74.3	2	1	0	13.7	14.2	2	1	1	34.4	34.9	2	1	2	20.6	22.4	2	1	3	35.3	37.0
2	1	4	42.3	42.9	2	1	5	61.6	62.3	2	1	6	12.3	12.5	2	1	7	26.6	26.3	2	1	8	20.0	20.0
2	1	9	12.6	12.8	2	1	10	10.0	9.8	2	1	11	10.7	11.0	2	1	12	15.1	15.8	2	2	-16	3.7	1.0
2	2	-15	6.4	6.0	2	2	-14	16.6	16.8	2	2	-13	9.6	9.4	2	2	-12	5.5	5.6	2	2	-11	5.8	5.3
2	2	-10	12.6	12.4	2	2	-9	21.6	21.5	2	2	-8	13.4	13.0	2	2	-7	11.7	12.0	2	2	-6	67.1	66.8
2	2	-5	22.7	22.1	2	2	-4	85.0	83.0	2	2	-3	89.1	83.6	2	2	-2	62.0	55.8	2	2	-1	21.4	25.2
2	2	0	9.6	17.6	2	2	1	83.9	82.1	2	2	2	70.6	73.9	2	2	3	5.8	5.7	2	2	4	62.2	63.4
2	2	5	21.9	22.5	2	2	6	20.4	20.8	2	2	7	11.1	11.7	2	2	8	26.5	25.8	2	2	9	15.7	15.5
2	2	10	18.2	17.9	2	2	11	14.3	13.5	2	2	12	10.8	9.9	2	2	13	14.6	15.0	2	3	-15	9.3	9.7
2	3	-14	8.1	7.4	2	3	-13	14.6	14.6	2	3	-12	6.8	6.8	2	3	-11	21.1	21.7	2	3	-10	13.4	13.3
2	3	-9	24.7	24.4	2	3	-8	2.8	0.8	2	3	-7	24.2	24.0	2	3	-6	28.4	27.5	2	3	-5	5.1	5.2
2	3	-4	18.5	17.6	2	3	-3	15.5	15.5	2	3	-2	8.5	8.2	2	3	-1	41.9	50.9	2	3	0	8.0	10.0
2	3	1	24.7	23.5	2	3	2	19.1	18.7	2	3	3	26.9	27.7	2	3	4	33.6	33.5	2	3	5	46.9	47.6
2	3	6	12.2	12.3	2	3	7	24.0	23.9	2	3	8	14.2	14.0	2	3	9	12.3	12.3	2	3	10	7.3	7.3
2	3	11	8.3	6.8	2	3	12	13.5	12.6	2	4	-15	5.6	5.0	2	4	-12	18.4	18.3	2	4	-11	4.3	4.8
2	4	-10	28.7	28.3	2	4	-9	20.7	21.4	2	4	-8	34.7	34.9	2	4	-7	8.8	8.8	2	4	-6	31.9	32.8
2	4	-5	3.7	3.5	2	4	-2	32.6	32.9	2	4	-1	4.1	2.3	2	4	0	25.2	26.0	2	4	1	27.4	26.6
2	4	2	70.9	71.2	2	4	3	28.3	29.1	2	4	4	12.9	12.9	2	4	6	36.9	36.1	2	4	7	23.8	24.2
2	4	8	3.2	1.8	2	4	9	14.0	12.9	2	4	10	16.3	15.6	2	4	11	9.0	8.3	2	4	12	8.0	8.0
2	4	13	5.0	4.4	2	5	-14	5.3	3.9	2	5	-13	10.5	10.7	2	5	-12	5.4	6.6	2	5	-11	14.9	15.2
2	5	-10	9.5	10.0	2	5	-9	21.1	20.8	2	5	-7	15.9	16.2	2	5	-6	10.6	9.8	2	5	-5	6.8	6.0
2	5	-4	11.4	11.3	2	5	-3	13.7	14.9	2	5	-2	3.4	4.5	2	5	-1	22.6	25.1	2	5	0	5.4	4.6
2	5	1	11.3	10.5	2	5	2	13.7	13.5	2	5	3	22.1	21.6	2	5	4	18.6	18.6	2	5	5	27.2	26.0
2	5	6	7.4	7.3	2	5	7	15.7	16.8	2	5	8	12.6	12.1	2	5	9	8.5	8.2	2	5	10	6.4	6.6
2	5	11	5.9	6.3	2	5	12	8.6	8.3	2	6	-13	5.3	5.1	2	6	-10	8.5	8.2	2	6	-9	8.1	9.6
2	6	-8	6.5	5.5	2	6	-7	4.3	4.7	2	6	-6	32.3	33.9	2	6	-5	8.0	8.4	2	6	-4	28.9	30.3
2	6	-3	13.1	13.3	2	6	-2	16.9	18.9	2	6	-1	4.1	3.5	2	6	0	27.8	27.1	2	6	1	24.4	23.1
2	6	2	25.7	24.7	2	6	4	27.9	27.8	2	6	5	10.3	8.9	2	6	6	8.1	7.1	2	6	8	12.7	12.4
2	6	9	6.4	6.0	2	6	10	9.7	8.3	2	6	11	7.0	6.4	2	7	-11	8.2	9.4	2	7	-10	6.6	7.1
2	7	-9	10.1	9.4	2	7	-7	6.3	7.1	2	7	-6	7.5	7.8	2	7	-5	4.8	6.5	2	7	-4	4.3	3.2
2	7	-3	5.4	6.8	2	7	-2	4.6	5.5	2	7	-1	11.3	13.7	2	7	1	8.1	6.6	2	7	2	9.1	8.3
2	7	3	12.8	12.2	2	7	4	12.4	11.4	2	7	5	16.6	16.0	2	7	6	6.6	6.7	2	7	7	13.1	12.7
2	7	8	5.0	4.6	2	7	9	6.3	6.3	2	8	-9	5.6	5.6	2	8	-8	14.0	13.0	2	8	-6	10.1	8.6
2	8	-3	3.4	1.7	2	8	-2	11.9	11.1	2	8	0	9.1	7.5	2	8	1	8.6	7.7	2	8	2	27.8	26.5
2	8	3	6.3	5.0	2	8	4	3.8	3.0	2	8	6	15.1	14.3	2	8	7	8.8	7.6	2	9	-5	4.2	3.0
2	9	-3	6.4	6.3	2	9	-2	3.8	2.6	2	9	-1	7.4	6.0	2	9	2	5.9	5.6	2	9	3	8.3	7.4
2	9	4	4.1	4.5	2	9	5	7.4	6.0	3	0	-14	21.0	21.8	3	0	-13	14.0	14.5	3	0	-12	9.0	10.2
3	0	-11	10.1	9.8	3	0	-10	16.7	16.2	3	0	-9	18.9	19.1	3	0	-8	75.2	76.2	3	0	-7	3.8	3.9
3	0	-6	68.1	66.7	3	0	-5	32.9	30.9	3	0	-4	42.1	42.3	3	0	-3	12.7	12.7	3	0	-2	81.1	76.6
3	0	-1	22.0	19.3	3	0	0	86.8	87.9	3	0	1	23.6	26.1	3	0	2	10.1	10.0	3	0	3	13.8	13.5
3	0	4	46.2	48.3	3	0	5	56.6	58.5	3	0	6	10.9	10.6	3	0	7	6.8	6.2	3	0	8	17.7	17.9
3	0	9	19.3	18.8	3	0	10	21.6	21.5	3	0	11	5.6	3.6	3	0	12	4.2	3.7	3	0	13	5.7	4.6
3	0	14	15.4	15.3	3	1	-17	6.3	6.4	3	1	-16	4.6	5.5	3	1	-14	3.6	4.7	3	1	-13	22.4	23.9
3	1	-12	9.2	9.1	3	1	-10	8.1	8.1	3	1	-9	16.7	17.1	3	1	-8	2.8	2.5	3	1	-7	37.3	37.8
3	1	-6	11.8	11.8	3	1	-5	2.9	1.1	3	1	-4	9.9	10.2	3	1	-3	97.8	92.7	3	1	-2	23.8	24.1
3	1	-1	105.3	107.3	3	1	0	10.8	10.4	3	1	2	46.5	47.2	3	1	3	18.1	18.6	3	1	4	12.2	12.5
3	1	5	8.4	8.5	3	1	6	28.1	29.0	3	1	7	12.1	12.1	3	1	8	25.3	24.4	3	1	9	5.7	5.4

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
3	1	10	5.2	4.1	3	1	11	7.1	6.4	3	1	13	12.0	11.8	3	1	14	4.2	3.5	3	2	-16	13.5	12.3
3	2	-13	18.6	19.0	3	2	-12	25.5	26.6	3	2	-11	13.4	13.1	3	2	-10	44.4	45.1	3	2	-9	26.8	27.3
3	2	-8	29.0	29.4	3	2	-7	8.9	8.4	3	2	-6	83.2	81.9	3	2	-5	10.3	9.7	3	2	-4	6.9	5.9
3	2	-3	17.7	16.0	3	2	-2	14.3	15.1	3	2	-1	21.6	26.3	3	2	0	12.4	13.2	3	2	1	26.1	26.2
3	2	2	60.5	62.4	3	2	3	27.6	27.2	3	2	4	8.2	7.8	3	2	5	27.7	28.0	3	2	6	39.3	39.3
3	2	7	11.0	10.8	3	2	8	28.0	28.2	3	2	9	23.8	23.1	3	2	10	3.7	2.4	3	2	11	6.8	7.2
3	2	12	17.5	17.3	3	2	13	6.8	5.6	3	3	-16	5.8	5.9	3	3	-13	17.1	17.3	3	3	-12	5.4	5.3
3	3	-10	8.1	8.8	3	3	-9	10.2	10.0	3	3	-8	6.6	7.0	3	3	-7	29.6	29.4	3	3	-6	12.9	13.1
3	3	-5	6.6	6.1	3	3	-4	2.5	2.6	3	3	-3	61.8	59.2	3	3	-2	28.9	31.6	3	3	-1	57.5	84.1
3	3	0	15.0	17.1	3	3	1	14.0	13.6	3	3	2	19.5	18.8	3	3	3	20.8	20.6	3	3	4	3.7	3.2
3	3	5	14.9	15.5	3	3	6	23.6	24.0	3	3	7	12.1	12.3	3	3	8	23.3	23.0	3	3	9	4.1	4.0
3	3	10	4.7	5.6	3	3	11	3.6	4.1	3	3	13	9.5	9.0	3	4	-14	15.7	15.2	3	4	-13	9.5	9.0
3	4	-12	6.4	5.9	3	4	-11	7.9	7.7	3	4	-10	9.4	9.0	3	4	-9	9.4	8.7	3	4	-8	49.0	49.4
3	4	-6	34.7	34.2	3	4	-5	12.9	11.3	3	4	-4	39.3	37.3	3	4	-3	2.7	1.0	3	4	-2	39.4	40.4
3	4	-1	9.6	13.9	3	4	0	46.6	52.0	3	4	1	17.0	16.5	3	4	2	8.8	8.9	3	4	3	10.4	9.7
3	4	4	35.5	35.7	3	4	5	35.9	34.9	3	4	6	8.9	8.6	3	4	7	3.4	3.1	3	4	8	11.3	10.9
3	4	9	12.8	12.4	3	4	10	14.6	14.4	3	5	-14	4.5	4.5	3	5	-13	14.3	14.3	3	5	-12	6.0	6.6
3	5	-9	13.5	13.4	3	5	-8	3.2	0.9	3	5	-7	16.3	16.2	3	5	-6	4.4	4.8	3	5	-5	8.0	7.9
3	5	-4	3.4	3.4	3	5	-3	52.8	51.5	3	5	-2	11.3	10.7	3	5	-1	27.2	42.1	3	5	0	3.4	0.3
3	5	1	3.1	2.5	3	5	2	16.8	16.5	3	5	3	10.0	8.7	3	5	4	7.3	8.1	3	5	5	4.7	4.0
3	5	6	15.7	15.0	3	5	7	4.5	3.6	3	5	8	12.2	10.7	3	5	9	5.0	4.4	3	5	11	6.6	6.0
3	6	-13	8.3	9.2	3	6	-12	15.1	14.0	3	6	-11	6.5	7.7	3	6	-10	22.5	22.1	3	6	-9	7.6	7.0
3	6	-8	13.5	12.8	3	6	-6	35.2	37.1	3	6	-3	8.6	8.1	3	6	-1	7.2	10.0	3	6	0	4.4	3.5
3	6	1	9.4	9.0	3	6	2	27.5	26.1	3	6	3	12.4	12.1	3	6	5	12.6	11.5	3	6	6	18.5	16.9
3	6	7	6.4	5.4	3	6	8	17.3	16.0	3	6	9	12.2	10.6	3	6	10	4.1	3.6	3	7	-12	4.0	1.2
3	7	-11	3.9	3.7	3	7	-10	5.3	3.4	3	7	-9	3.8	3.5	3	7	-8	4.8	4.8	3	7	-7	9.7	10.2
3	7	-3	21.7	21.4	3	7	-2	14.6	14.9	3	7	-1	30.1	29.3	3	7	0	8.6	8.1	3	7	1	10.9	10.2
3	7	3	11.5	9.8	3	7	5	10.8	10.2	3	7	6	10.3	9.3	3	7	7	6.3	5.6	3	7	8	10.7	10.4
3	8	-8	20.0	19.2	3	8	-6	10.9	10.1	3	8	-4	15.2	14.7	3	8	-2	12.3	11.8	3	8	-1	8.2	7.6
3	8	0	20.8	18.2	3	8	1	5.8	5.8	3	8	2	5.2	5.3	3	8	3	6.3	5.6	3	8	4	17.3	16.1
3	8	5	13.5	11.5	3	8	6	5.8	4.8	3	9	-7	5.3	4.6	3	9	-6	5.3	4.2	3	9	-5	6.1	5.0
3	9	-3	18.2	17.2	3	9	-1	12.6	11.5	3	9	2	4.6	3.9	4	0	-17	4.4	5.1	4	0	-16	10.8	11.7
4	0	-15	14.3	14.6	4	0	-14	11.5	11.9	4	0	-13	10.5	10.8	4	0	-12	4.2	4.3	4	0	-11	13.0	13.7
4	0	-10	33.5	33.8	4	0	-9	3.8	4.1	4	0	-8	25.8	24.2	4	0	-7	12.7	12.8	4	0	-6	138.2	131.1
4	0	-5	2.5	2.0	4	0	-4	22.7	22.7	4	0	-3	45.4	40.9	4	0	-2	27.1	22.7	4	0	-1	116.9	112.1
4	0	0	74.0	73.3	4	0	1	24.4	25.1	4	0	2	3.6	3.4	4	0	3	41.9	46.0	4	0	4	61.2	63.0
4	0	5	4.3	5.1	4	0	6	17.5	17.9	4	0	7	4.2	3.2	4	0	8	28.0	27.7	4	0	9	5.8	5.9
4	0	10	13.9	14.1	4	0	11	9.0	8.6	4	0	12	9.3	9.9	4	0	13	14.4	14.6	4	1	-17	5.0	4.7
4	1	-16	13.7	14.2	4	1	-14	6.0	6.5	4	1	-13	25.6	26.9	4	1	-11	22.9	23.6	4	1	-10	12.4	12.3
4	1	-9	65.0	66.5	4	1	-8	5.3	5.5	4	1	-7	34.3	34.0	4	1	-6	7.6	7.0	4	1	-5	66.6	61.8
4	1	-4	5.9	4.7	4	1	-3	3.0	1.1	4	1	-2	10.8	9.6	4	1	0	5.9	5.8	4	1	2	68.2	69.2
4	1	3	4.5	3.4	4	1	4	14.0	14.3	4	1	5	23.7	24.4	4	1	6	26.0	26.6	4	1	7	26.7	26.3
4	1	8	4.3	4.7	4	1	9	21.2	20.2	4	1	10	21.2	20.3	4	1	11	7.4	6.7	4	1	12	5.5	4.4
4	1	13	8.7	8.5	4	2	-17	6.0	5.4	4	2	-16	17.5	17.3	4	2	-15	7.2	7.3	4	2	-13	16.4	16.8
4	2	-12	25.6	26.4	4	2	-10	10.1	10.2	4	2	-9	10.8	10.8	4	2	-8	10.0	10.4	4	2	-7	10.0	10.1
4	2	-6	32.0	31.6	4	2	-5	41.0	39.6	4	2	-4	108.2	105.1	4	2	-3	22.1	21.1	4	2	-2	37.7	39.0
4	2	-1	23.0	25.5	4	2	0	44.3	44.0	4	2	1	3.2	1.2	4	2	2	109.4	113.0	4	2	3	63.2	64.8
4	2	4	23.6	24.0	4	2	5	31.7	31.8	4	2	6	22.1	21.8	4	2	7	3.9	3.5	4	2	8	15.3	15.3
4	2	10	25.7	25.2	4	2	13	15.4	14.4	4	3	-16	11.4	12.2	4	3	-14	5.5	6.2	4	3	-13	21.7	21.7
4	3	-12	4.3	3.7	4	3	-11	19.9	20.1	4	3	-10	10.4	10.4	4	3	-9	51.3	51.1	4	3	-8	5.1	4.3
4	3	-7	29.8	29.4	4	3	-6	7.7	8.5	4	3	-5	47.3	44.8	4	3	-4	5.9	4.1	4	3	-3	5.3	5.0
4	3	-1	3.3	5.2	4	3	0	4.2	3.7	4	3	1	4.1	3.6	4	3	2	47.7	47.2	4	3	4	9.0	9.5
4	3	5	22.4	22.7	4	3	6	21.7	22.2	4	3	7	21.8	21.2	4	3	9	18.9	17.9	4	3	10	18.3	17.3
4	3	11	4.4	3.9	4	4	-15	10.0	9.7	4	4	-14	10.3	9.9	4	4	-13	5.6	6.5	4	4	-12	3.9	3.9
4	4	-11	7.8	7.8	4	4	-10	23.6	24.2	4	4	-9	5.6	5.9	4	4	-8	18.4	17.9	4	4	-7	7.4	7.1
4	4	-6	79.9	77.2	4	4	-5	5.4	6.0	4	4	-4	13.0	13.2	4	4	-3	15.9	16.3	4	4	-2	3.7	3.5
4	4	-1	34.8	46.5	4	4	0	37.5	40.5	4	4	1	8.0	8.1	4	4	2	7.1	5.6	4	4	3	29.4	29.2
4	4	4	40.9	40.4	4	4	6	10.5	9.3	4	4	8	21.3	20.0	4	4	9	5.5	3.9	4	4	10	10.1	9.1
4	4	11	6.2	5.2	4	4	12	8.1	8.4	4	5	-14	4.5	3.7	4	5	-13	15.4	15.2	4	5	-11	16.7	16.4
4	5	-10	4.4	3.9	4	5	-9	36.7	37.4	4	5	-8	3.2	3.4	4	5	-7	15.8	14.8	4	5	-6	2.9	3.4

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
4	5	-5	25.0	23.4	4	5	2	30.0	28.7	4	5	4	7.4	7.0	4	5	5	12.8	12.1	4	5	6	15.0	14.3
4	5	7	14.2	14.1	4	5	8	6.2	6.6	4	5	9	15.7	14.2	4	5	10	12.7	11.2	4	5	11	6.4	5.6
4	6	-13	5.8	6.2	4	6	-12	13.4	12.6	4	6	-10	5.6	4.2	4	6	-6	11.5	12.2	4	6	-5	15.7	14.3
4	6	-4	45.7	42.7	4	6	-3	8.0	7.2	4	6	-2	12.5	14.4	4	6	-1	3.1	6.3	4	6	0	16.3	17.7
4	6	2	49.5	46.3	4	6	3	31.1	28.1	4	6	4	7.3	7.0	4	6	5	13.4	12.6	4	6	6	15.8	15.5
4	6	8	7.2	6.4	4	7	-11	10.7	10.8	4	7	-9	20.9	19.8	4	7	-7	11.9	10.8	4	7	-6	4.2	6.0
4	7	-5	14.5	13.4	4	7	-4	4.9	5.1	4	7	-3	5.4	3.5	4	7	-2	4.7	4.9	4	7	-1	4.2	4.4
4	7	1	4.7	3.7	4	7	2	14.4	12.8	4	7	4	3.6	3.8	4	7	5	11.4	10.8	4	7	6	9.0	8.8
4	7	7	8.7	7.8	4	8	-10	11.7	10.6	4	8	-9	4.0	4.1	4	8	-8	7.9	7.5	4	8	-6	26.9	25.2
4	8	-5	5.4	5.2	4	8	-4	4.9	4.8	4	8	-3	5.6	3.7	4	8	-2	8.0	7.0	4	8	-1	11.8	10.3
4	8	0	16.2	14.0	4	8	3	10.2	9.7	4	8	4	15.7	14.9	4	9	-5	4.4	4.8	4	9	2	8.7	7.3
5	0	-17	4.5	1.1	5	0	-16	16.4	17.0	5	0	-15	6.3	5.8	5	0	-14	7.0	7.0	5	0	-13	4.4	5.2
5	0	-12	47.9	49.8	5	0	-10	22.7	22.7	5	0	-9	6.3	6.9	5	0	-8	7.5	6.5	5	0	-7	5.3	5.0
5	0	-6	43.3	40.6	5	0	-5	12.0	11.3	5	0	-4	18.1	17.4	5	0	-3	30.9	27.5	5	0	-2	86.1	82.7
5	0	-1	14.2	14.5	5	0	0	15.5	15.8	5	0	1	8.3	8.5	5	0	2	56.8	59.7	5	0	3	16.4	17.0
5	0	5	15.2	15.1	5	0	6	30.8	31.2	5	0	7	34.0	34.2	5	0	8	3.6	2.4	5	0	9	4.2	3.7
5	0	10	10.4	9.9	5	0	11	7.6	7.8	5	0	12	15.1	14.8	5	1	-16	3.8	4.4	5	1	-15	7.0	6.7
5	1	-13	10.2	11.1	5	1	-12	13.6	13.9	5	1	-11	15.5	15.1	5	1	-10	13.6	13.8	5	1	-9	27.3	27.1
5	1	-8	2.8	2.0	5	1	-7	9.0	7.1	5	1	-6	8.1	8.5	5	1	-5	23.9	22.9	5	1	-4	28.6	27.3
5	1	-3	32.6	31.9	5	1	-2	32.6	31.9	5	1	-1	91.0	90.2	5	1	0	49.9	49.8	5	1	1	36.2	36.8
5	1	2	17.8	18.1	5	1	3	12.9	12.8	5	1	4	14.8	14.4	5	1	5	18.9	19.9	5	1	6	10.3	10.0
5	1	7	9.2	9.2	5	1	8	5.5	4.8	5	1	9	7.0	7.5	5	1	10	19.3	19.6	5	1	12	4.5	2.2
5	2	-16	6.3	6.6	5	2	-14	18.8	18.5	5	2	-13	5.8	5.7	5	2	-12	16.5	16.8	5	2	-11	3.3	4.2
5	2	-10	19.6	18.9	5	2	-9	8.0	8.0	5	2	-8	55.0	52.4	5	2	-7	27.5	27.3	5	2	-6	34.3	33.2
5	2	-5	16.4	14.8	5	2	-4	97.5	97.8	5	2	-3	6.2	6.6	5	2	-2	11.8	12.1	5	2	-1	29.6	30.8
5	2	0	52.9	52.9	5	2	1	21.8	22.4	5	2	2	11.9	11.6	5	2	3	11.1	11.1	5	2	4	38.1	37.1
5	2	5	4.6	3.9	5	2	6	3.2	0.7	5	2	7	32.7	31.8	5	2	8	9.2	9.2	5	2	10	3.5	3.4
5	3	-16	5.2	4.1	5	3	-15	6.4	6.4	5	3	-13	10.0	10.1	5	3	-12	9.9	10.2	5	3	-11	16.1	16.7
5	3	-10	9.5	9.4	5	3	-9	19.9	19.8	5	3	-8	10.4	10.7	5	3	-7	8.3	8.4	5	3	-6	4.4	3.2
5	3	-5	8.5	7.5	5	3	-4	10.3	9.9	5	3	-3	20.6	21.1	5	3	-2	25.7	29.8	5	3	-1	70.3	79.0
5	3	0	39.5	40.4	5	3	1	32.5	33.2	5	3	2	21.3	22.1	5	3	3	13.1	12.7	5	3	4	10.5	10.6
5	3	5	10.1	9.5	5	3	6	8.2	7.6	5	3	7	7.4	7.7	5	3	8	4.3	0.1	5	3	9	4.3	4.6
5	3	10	16.9	15.8	5	4	-16	13.7	13.3	5	4	-15	5.4	5.3	5	4	-14	5.4	5.6	5	4	-12	33.7	33.9
5	4	-10	14.4	14.5	5	4	-9	3.1	3.4	5	4	-8	3.8	3.2	5	4	-7	5.8	5.7	5	4	-6	32.3	31.0
5	4	-5	3.8	3.5	5	4	-4	11.5	11.6	5	4	-3	10.9	11.7	5	4	-2	37.2	43.0	5	4	-1	7.4	10.0
5	4	0	9.8	9.8	5	4	1	4.7	5.3	5	4	2	40.4	39.1	5	4	3	14.1	13.5	5	4	5	11.6	10.7
5	4	6	26.0	24.8	5	4	7	23.3	22.6	5	4	10	6.7	7.1	5	4	11	5.9	4.5	5	5	-14	5.2	3.2
5	5	-13	6.4	5.6	5	5	-12	10.2	9.6	5	5	-11	5.8	5.7	5	5	-10	5.5	5.2	5	5	-9	16.1	15.9
5	5	-8	3.1	0.7	5	5	-7	4.1	3.1	5	5	-6	5.0	4.9	5	5	-5	13.6	13.3	5	5	-4	11.5	11.6
5	5	-3	15.7	16.3	5	5	-2	8.6	9.8	5	5	-1	30.4	38.7	5	5	0	22.9	25.4	5	5	1	17.8	17.9
5	5	3	11.9	11.5	5	5	4	8.1	7.9	5	5	5	14.9	14.3	5	5	6	7.6	6.6	5	5	7	4.4	5.1
5	5	8	4.8	4.3	5	5	10	13.0	11.8	5	6	-12	6.8	6.3	5	6	-10	10.7	9.6	5	6	-9	5.5	5.7
5	6	-8	25.4	24.3	5	6	-7	13.8	12.4	5	6	-6	12.2	10.8	5	6	-5	8.0	7.4	5	6	-4	43.7	41.4
5	6	-3	4.7	4.3	5	6	-2	7.9	10.2	5	6	-1	8.4	11.2	5	6	0	23.7	26.1	5	6	1	8.8	7.3
5	6	3	7.0	6.4	5	6	4	17.2	16.6	5	6	5	4.7	4.6	5	6	7	16.8	14.8	5	6	8	5.3	5.7
5	6	9	3.9	0.7	5	7	-12	4.6	4.5	5	7	-11	8.6	8.6	5	7	-9	6.7	6.6	5	7	-8	9.6	9.2
5	7	-7	5.6	4.5	5	7	-5	3.4	1.2	5	7	-3	8.4	7.5	5	7	-2	8.8	10.8	5	7	-1	24.9	31.6
5	7	0	15.2	16.9	5	7	1	15.0	14.3	5	7	2	9.9	9.1	5	7	3	8.9	8.4	5	7	4	3.6	3.7
5	7	6	3.9	3.2	5	8	-10	5.8	5.5	5	8	-7	4.2	3.7	5	8	-6	16.2	14.5	5	8	-4	4.3	4.3
5	8	-3	5.3	4.1	5	8	-2	14.2	11.9	5	8	0	3.8	2.4	5	8	2	15.9	14.2	5	8	3	6.5	6.0
5	8	5	4.9	4.8	5	9	-5	5.8	4.6	5	9	-4	4.5	3.3	5	9	-3	8.4	6.2	5	9	-1	11.5	10.8
5	9	0	8.4	7.8	5	9	1	5.0	5.3	6	0	-17	4.9	4.8	6	0	-16	18.6	19.7	6	0	-15	10.1	10.1
6	0	-14	10.5	11.3	6	0	-13	3.7	3.9	6	0	-12	7.1	6.9	6	0	-11	20.3	21.2	6	0	-10	8.8	8.8
6	0	-9	2.7	1.2	6	0	-8	64.0	62.4	6	0	-7	14.9	15.1	6	0	-6	11.5	11.7	6	0	-5	33.9	32.1
6	0	-4	96.2	91.1	6	0	-3	47.9	48.1	6	0	-2	5.1	3.8	6	0	-1	6.5	6.6	6	0	0	24.5	25.8
6	0	1	27.2	26.9	6	0	2	8.4	9.1	6	0	3	24.2	25.6	6	0	4	16.3	15.9	6	0	5	16.6	16.8
6	0	6	43.7	44.6	6	0	7	19.2	18.9	6	0	8	12.1	12.7	6	0	10	14.1	14.1	6	1	-17	4.9	4.6
6	1	-15	16.4	16.9	6	1	-14	5.2	5.6	6	1	-13	12.8	13.0	6	1	-12	4.3	4.1	6	1	-11	28.3	28.7
6	1	-10	3.5	3.2	6	1	-9	18.7	18.0	6	1	-8	22.3	22.6	6	1	-7	68.1	64.4	6	1	-6	18.9	18.7
6	1	-5	16.5	15.5	6	1	-4	21.7	20.0	6	1	-3	9.9	9.1	6	1	-2	27.0	26.9	6	1	-1	30.1	29.4

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
6	1	0	17.5	17.7	6	1	2	5.5	5.4	6	1	3	4.0	3.9	6	1	4	29.6	29.2	6	1	5	6.8	7.1
6	1	6	12.4	12.4	6	1	8	9.4	8.4	6	1	9	13.9	14.5	6	1	10	4.1	4.1	6	1	11	5.4	5.4
6	2	-16	4.1	2.9	6	2	-15	7.3	7.6	6	2	-14	36.6	38.0	6	2	-13	3.7	3.6	6	2	-12	26.9	27.0
6	2	-11	6.5	6.4	6	2	-10	27.0	27.0	6	2	-9	3.8	3.5	6	2	-8	19.7	19.7	6	2	-7	8.6	8.6
6	2	-6	37.4	35.4	6	2	-5	70.4	68.0	6	2	-4	62.8	61.4	6	2	-3	44.7	44.5	6	2	-2	67.4	69.0
6	2	-1	36.4	37.5	6	2	0	18.4	18.2	6	2	1	14.1	13.9	6	2	2	8.2	8.0	6	2	3	19.3	18.7
6	2	4	18.5	18.7	6	2	5	6.7	5.7	6	2	6	9.4	8.9	6	2	7	19.5	18.6	6	2	8	20.8	20.0
6	2	9	11.6	10.7	6	2	10	3.7	0.6	6	3	-15	14.2	14.0	6	3	-13	10.5	10.3	6	3	-11	23.1	23.5
6	3	-10	7.0	6.0	6	3	-9	16.3	15.8	6	3	-8	15.7	15.3	6	3	-7	56.3	53.9	6	3	-6	15.5	15.5
6	3	-5	9.8	8.7	6	3	-4	18.9	18.6	6	3	-3	11.2	9.8	6	3	-2	20.8	23.0	6	3	-1	19.1	19.4
6	3	0	12.7	11.9	6	3	1	3.5	3.6	6	3	2	4.4	5.2	6	3	3	3.8	3.1	6	3	4	23.4	22.8
6	3	5	8.7	8.2	6	3	6	8.4	8.3	6	3	8	5.8	6.0	6	3	9	10.8	10.9	6	3	10	4.7	4.6
6	4	-16	14.2	13.8	6	4	-15	6.9	6.9	6	4	-14	8.9	8.0	6	4	-13	4.3	2.6	6	4	-11	12.0	12.3
6	4	-10	8.6	7.4	6	4	-8	38.9	38.2	6	4	-7	7.3	7.7	6	4	-6	6.3	5.5	6	4	-5	20.1	19.3
6	4	-4	61.0	61.5	6	4	-3	30.2	32.3	6	4	-2	4.0	3.8	6	4	0	20.6	20.9	6	4	1	16.1	15.6
6	4	2	3.5	0.4	6	4	3	17.2	16.2	6	4	4	12.6	11.8	6	4	5	11.4	10.3	6	4	6	31.5	30.2
6	4	7	11.5	11.5	6	4	8	10.1	9.4	6	4	10	11.7	10.8	6	5	-15	10.3	9.9	6	5	-13	7.7	8.3
6	5	-11	18.6	18.3	6	5	-10	4.2	3.8	6	5	-9	12.4	13.2	6	5	-8	9.6	9.2	6	5	-7	33.5	32.7
6	5	-6	9.2	8.2	6	5	-5	9.0	8.1	6	5	-4	8.5	8.5	6	5	-3	4.7	4.9	6	5	-2	7.0	8.5
6	5	-1	10.2	11.9	6	5	0	11.4	11.8	6	5	2	5.4	5.4	6	5	3	4.7	2.9	6	5	4	18.4	17.0
6	5	5	5.3	5.3	6	5	6	8.6	7.7	6	5	8	7.0	5.7	6	5	9	10.0	9.3	6	6	-12	13.2	12.4
6	6	-11	4.3	4.1	6	6	-10	14.4	13.8	6	6	-8	9.9	9.1	6	6	-7	5.9	5.0	6	6	-6	20.7	19.9
6	6	-5	26.1	24.9	6	6	-4	21.9	22.6	6	6	-3	21.5	22.5	6	6	-2	22.5	29.3	6	6	-1	10.2	11.7
6	6	0	6.4	5.9	6	6	1	4.8	4.5	6	6	2	6.6	5.0	6	6	3	9.9	8.6	6	6	4	11.0	10.3
6	6	7	9.4	9.1	6	6	8	13.3	12.6	6	7	-11	10.9	10.4	6	7	-10	6.5	5.3	6	7	-9	9.5	8.4
6	7	-8	4.5	3.5	6	7	-7	23.6	21.8	6	7	-6	7.0	6.6	6	7	-4	6.9	7.1	6	7	-3	6.0	6.4
6	7	-2	7.1	7.1	6	7	-1	4.3	4.3	6	7	0	5.0	4.6	6	7	2	4.1	4.2	6	7	4	10.4	9.1
6	7	5	5.9	5.8	6	8	-8	15.3	13.6	6	8	-5	6.3	6.1	6	8	-4	26.1	23.3	6	8	-3	14.9	13.1
6	8	0	8.7	8.9	6	8	1	4.4	5.2	6	8	3	4.3	4.7	7	0	-17	5.2	5.7	7	0	-15	6.5	5.9
7	0	-14	30.5	31.9	7	0	-13	9.2	9.5	7	0	-12	11.3	11.3	7	0	-11	8.8	8.8	7	0	-10	56.2	56.0
7	0	-9	18.6	18.5	7	0	-8	33.9	33.6	7	0	-7	12.8	13.6	7	0	-6	4.5	2.8	7	0	-5	3.9	2.0
7	0	-4	27.7	26.9	7	0	-3	18.7	18.6	7	0	-2	3.3	3.5	7	0	-1	10.5	9.6	7	0	0	10.4	9.4
7	0	1	34.0	35.0	7	0	3	26.1	26.3	7	0	4	39.2	41.4	7	0	5	17.3	17.9	7	0	6	9.0	7.9
7	0	7	11.2	10.9	7	0	8	12.9	13.4	7	0	9	10.3	10.1	7	1	-17	19.0	19.1	7	1	-16	4.0	3.3
7	1	-14	8.1	8.8	7	1	-13	7.2	7.2	7	1	-12	6.2	6.2	7	1	-11	11.6	10.9	7	1	-10	10.1	10.1
7	1	-9	10.4	9.8	7	1	-8	23.2	22.1	7	1	-7	55.0	53.8	7	1	-6	38.6	37.5	7	1	-4	15.4	15.7
7	1	-3	6.0	5.9	7	1	-2	17.2	16.9	7	1	-1	13.4	13.6	7	1	0	48.9	50.3	7	1	1	33.3	33.3
7	1	2	16.4	16.5	7	1	3	33.3	33.0	7	1	4	3.7	3.0	7	1	5	14.0	13.8	7	1	6	13.4	13.1
7	1	7	13.4	12.6	7	1	8	6.5	6.9	7	1	9	9.2	9.4	7	1	10	3.9	4.0	7	2	-16	14.6	14.8
7	2	-14	5.3	5.4	7	2	-13	7.5	7.0	7	2	-12	35.8	35.5	7	2	-11	14.5	14.5	7	2	-10	27.0	26.5
7	2	-9	16.8	17.0	7	2	-6	28.0	27.3	7	2	-5	11.4	10.6	7	2	-4	4.0	3.6	7	2	-3	27.4	27.9
7	2	-2	25.1	25.5	7	2	-1	13.4	13.2	7	2	0	19.7	19.8	7	2	1	27.9	27.6	7	2	2	40.0	40.1
7	2	3	20.8	20.3	7	2	4	5.9	6.5	7	2	5	6.9	6.8	7	2	6	26.7	25.9	7	2	7	18.1	18.3
7	2	8	9.0	8.8	7	2	9	10.2	9.4	7	2	10	17.5	16.8	7	3	-16	4.2	3.1	7	3	-14	4.2	4.3
7	3	-13	4.0	5.0	7	3	-12	5.5	5.5	7	3	-11	11.2	12.1	7	3	-10	5.7	6.0	7	3	-9	10.0	9.8
7	3	-8	23.4	22.9	7	3	-7	45.9	45.8	7	3	-6	28.0	27.2	7	3	-5	4.9	5.8	7	3	-4	5.1	4.7
7	3	-3	6.8	6.9	7	3	-2	9.2	9.8	7	3	-1	18.7	19.7	7	3	0	36.9	36.3	7	3	1	27.3	26.3
7	3	2	8.8	8.7	7	3	3	24.4	23.9	7	3	5	9.8	9.4	7	3	6	13.1	12.7	7	3	7	12.4	11.6
7	3	8	5.6	4.4	7	3	9	10.3	9.4	7	4	-14	22.7	23.1	7	4	-13	8.1	7.8	7	4	-12	10.0	9.6
7	4	-10	39.5	39.5	7	4	-9	13.2	13.3	7	4	-8	23.6	23.6	7	4	-7	4.4	5.0	7	4	-6	4.1	4.8
7	4	-5	3.5	2.1	7	4	-4	20.0	21.7	7	4	-3	8.1	9.2	7	4	-2	3.5	3.6	7	4	-1	6.5	7.4
7	4	0	8.5	8.3	7	4	1	22.6	21.0	7	4	2	3.8	2.5	7	4	3	17.4	16.3	7	4	4	28.8	28.0
7	4	5	12.8	12.7	7	4	6	4.2	4.6	7	4	7	9.4	9.1	7	4	8	12.5	10.8	7	4	9	8.1	7.3
7	5	-14	6.2	5.7	7	5	-13	3.7	4.0	7	5	-12	4.7	4.8	7	5	-10	5.6	6.0	7	5	-9	7.3	6.5
7	5	-8	8.7	7.8	7	5	-7	25.3	24.5	7	5	-6	23.7	22.3	7	5	-4	8.6	9.0	7	5	-2	7.9	9.2
7	5	-1	6.3	7.1	7	5	0	28.2	29.1	7	5	1	18.5	17.3	7	5	2	13.5	12.6	7	5	3	21.2	20.3
7	5	5	12.0	12.2	7	5	6	7.0	5.3	7	5	7	7.2	6.6	7	5	8	5.6	4.6	7	6	-12	20.4	20.5
7	6	-11	6.8	5.5	7	6	-10	12.1	11.7	7	6	-9	10.8	9.7	7	6	-8	3.7	2.7	7	6	-6	12.7	11.7
7	6	-3	9.7	8.6	7	6	-2	12.3	15.2	7	6	-1	6.8	6.7	7	6	0	10.4	10.7	7	6	1	13.7	12.8
7	6	2	24.2	22.4	7	6	3	10.5	9.4	7	6	6	15.8	14.1	7	7	-11	5.3	5.1	7	7	-9	6.7	5.6

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
7	7	-8	11.6	10.7	7	7	-7	19.2	17.9	7	7	-6	12.4	11.4	7	7	-5	4.1	4.6	7	7	-1	13.3	12.8
7	7	0	13.8	12.7	7	7	1	11.6	10.6	7	7	3	9.7	9.0	7	7	5	5.1	4.5	7	8	-9	5.4	6.0
7	8	-8	9.4	9.6	7	8	-6	4.1	3.9	7	8	-5	3.9	1.5	7	8	-4	11.8	11.2	7	8	-1	4.9	4.1
7	8	0	4.1	3.9	7	8	1	7.2	5.7	8	0	-17	4.3	5.8	8	0	-16	13.7	14.0	8	0	-14	17.1	17.4
8	0	-12	4.9	4.2	8	0	-11	11.7	11.4	8	0	-9	7.5	7.1	8	0	-8	14.0	14.2	8	0	-7	9.6	9.3
8	0	-6	23.4	23.0	8	0	-5	27.3	27.8	8	0	-4	11.9	12.3	8	0	-3	64.2	63.8	8	0	-2	58.5	58.7
8	0	-1	44.2	44.9	8	0	0	14.0	14.6	8	0	1	4.2	4.2	8	0	2	28.8	30.6	8	0	3	12.7	12.1
8	0	4	9.8	9.9	8	0	5	23.8	23.6	8	0	6	12.2	12.3	8	0	7	3.6	5.6	8	0	8	18.6	19.3
8	0	9	8.5	8.3	8	1	-16	5.1	4.8	8	1	-15	11.4	11.1	8	1	-14	3.7	4.0	8	1	-13	25.9	26.5
8	1	-12	5.3	4.4	8	1	-11	27.7	27.4	8	1	-9	25.0	25.5	8	1	-8	3.1	2.2	8	1	-7	21.6	22.0
8	1	-6	31.0	29.8	8	1	-5	26.6	25.9	8	1	-4	7.6	7.2	8	1	-3	5.6	4.6	8	1	-2	21.6	21.2
8	1	-1	16.3	16.2	8	1	0	27.3	27.7	8	1	1	17.8	17.7	8	1	2	12.1	12.2	8	1	3	18.4	17.7
8	1	4	25.9	24.8	8	1	5	4.6	4.2	8	1	6	12.9	13.0	8	1	8	3.9	5.1	8	2	-15	5.4	4.9
8	2	-14	10.3	10.0	8	2	-12	15.6	15.1	8	2	-11	26.3	26.6	8	2	-10	29.4	29.8	8	2	-8	21.3	21.0
8	2	-7	6.7	6.9	8	2	-5	7.8	8.2	8	2	-4	53.0	52.3	8	2	-3	47.1	47.0	8	2	-2	18.4	18.1
8	2	-1	9.4	8.6	8	2	0	40.4	39.6	8	2	1	13.8	13.3	8	2	2	24.0	24.1	8	2	3	15.9	14.9
8	2	4	22.6	22.5	8	2	5	6.6	6.0	8	2	9	4.1	4.2	8	3	-15	10.4	10.3	8	3	-14	4.3	3.9
8	3	-13	22.7	22.5	8	3	-11	22.1	22.0	8	3	-10	4.4	3.6	8	3	-9	21.0	20.9	8	3	-7	21.1	21.1
8	3	-6	23.5	23.9	8	3	-5	18.8	19.1	8	3	-4	5.2	5.5	8	3	-3	5.9	6.0	8	3	-2	15.1	15.3
8	3	-1	14.1	14.6	8	3	0	20.0	19.8	8	3	1	14.8	14.2	8	3	2	10.2	9.8	8	3	3	13.9	12.8
8	3	4	22.9	21.8	8	3	5	4.6	3.9	8	3	6	12.3	11.3	8	3	8	5.3	3.2	8	4	-14	12.2	12.8
8	4	-12	4.3	3.6	8	4	-11	7.9	7.8	8	4	-9	5.9	5.4	8	4	-8	7.3	6.7	8	4	-6	17.1	17.6
8	4	-5	15.1	15.2	8	4	-4	5.3	5.1	8	4	-3	39.1	39.8	8	4	-2	37.9	38.7	8	4	-1	29.3	28.8
8	4	0	9.9	9.9	8	4	1	5.4	3.4	8	4	2	24.4	22.7	8	4	3	9.7	8.3	8	4	4	8.7	8.2
8	4	5	18.5	16.2	8	4	6	10.4	9.4	8	4	8	15.6	14.5	8	5	-13	14.7	14.6	8	5	-11	15.4	14.8
8	5	-9	14.3	13.4	8	5	-7	15.8	15.4	8	5	-6	15.4	15.1	8	5	-5	15,5	15.8	8	5	-2	12.6	12.3
8	5	-1	12.0	12.1	8	5	0	16.1	15.2	8	5	1	7.6	7.8	8	5	2	8.4	8.6	8	5	3	12.2	11.4
8	5	4	16.3	14.8	8	5	6	7.0	6.2	8	6	-12	8.5	8.9	8	6	-11	13.0	11.8	8	6	-10	14.8	14.3
8	6	-8	11.1	10.6	8	6	-7	5.2	4.7	8	6	-6	4.0	3.0	8	6	-4	24.6	26.8	8	6	-3	21.4	23.1
8	6	-2	6.9	7.1	8	6	-1	4.2	5.1	8	6	0	25.2	23.3	8	6	1	7.3	6.3	8	6	2	12.2	10.6
8	6	3	7.4	5.7	8	6	4	10.5	9.8	8	7	-11	8.7	8.3	8	7	-9	9.5	8.1	8	7	-7	13.0	12.6
8	7	-6	9.5	9.0	8	7	-5	7.9	7.7	8	7	-3	3.8	3.7	8	7	-2	6.3	5.5	8	7	-1	8.5	8.4
8	7	0	7.2	6.2	8	7	1	5.1	4.2	8	7	2	6.4	5.2	8	7	3	6.4	4.9	8	8	-6	10.0	8.9
8	8	-5	4.1	4.1	8	8	-3	13.6	12.3	8	8	-2	15.5	14.3	8	8	-1	12.3	10.8	8	8	0	5.3	3.6
9	0	-14	15.2	16.0	9	0	-13	7.5	8.3	9	0	-12	21.7	22.2	9	0	-11	14.1	13.4	9	0	-10	18.1	18.6
9	0	-9	21.1	20.4	9	0	-8	43.2	42.0	9	0	-7	6.4	6.0	9	0	-6	26.3	26.2	9	0	-5	14.8	14.0
9	0	-4	39.9	39.9	9	0	-3	30.1	30.4	9	0	-2	25.1	25.7	9	0	-1	3.0	0.3	9	0	0	8.8	8.1
9	0	1	28.2	29.3	9	0	2	27.8	28.9	9	0	3	4.3	3.8	9	0	4	10.9	11.1	9	0	5	10.6	12.0
9	0	6	14.8	16.2	9	1	-17	13.5	13.5	9	1	-16	4.4	5.0	9	1	-15	8.0	8.1	9	1	-11	18.8	19.2
9	1	-10	4.4	0.6	9	1	-9	3.4	4.1	9	1	-8	7.3	5.6	9	1	-7	19.3	19.2	9	1	-6	44.9	43.9
9	1	-5	17.5	17.1	9	1	-4	5.7	5.5	9	1	-3	8.2	7.9	9	1	-2	14.8	14.4	9	1	-1	3.4	1.6
9	1	0	6.5	6.5	9	1	2	25.6	24.4	9	1	3	9.7	10.0	9	1	4	4.6	4.9	9	1	5	17.2	17.8
9	1	7	3.8	4.4	9	1	8	4.5	4.6	9	2	-16	9.8	9.7	9	2	-14	24.1	24.7	9	2	-13	9.2	10.0
9	2	-12	4.8	5.1	9	2	-11	13.1	12.8	9	2	-10	44.7	45.6	9	2	-9	19.8	20.3	9	2	-7	15.2	15.5
9	2	-6	17.5	17.1	9	2	-4	7.0	7.2	9	2	-3	11.4	11.3	9	2	-2	18.9	18.9	9	2	-1	8.7	8.7
9	2	0	33.1	32.4	9	2	1	21.4	21.2	9	2	3	5.7	5.1	9	2	4	4.7	6.3	9	2	5	11.2	11.2
9	2	7	6.2	5.4	9	2	8	13.8	13.3	9	3	-15	8.0	6.7	9	3	-13	4.2	2.2	9	3	-11	13.4	12.8
9	3	-10	3.7	3.2	9	3	-9	6.0	6.6	9	3	-8	7.2	6.6	9	3	-7	19.4	19.7	9	3	-6	32.0	31.7
9	3	-5	14.8	14.9	9	3	-4	3.3	2.4	9	3	-3	3.3	3.3	9	3	-2	13.1	13.0	9	3	0	7.8	7.5
9	3	2	19.5	17.8	9	3	3	5.6	6.4	9	3	5	14.2	14.2	9	3	7	4.1	6.2	9	4	-14	10.3	10.7
9	4	-13	6.9	6.5	9	4	-12	17.0	17.2	9	4	-11	10.5	10.4	9	4	-10	14.2	13.8	9	4	-9	13.7	13.3
9	4	-8	27.5	27.7	9	4	-6	17.2	17.0	9	4	-5	9.5	8.9	9	4	-4	30.0	29.0	9	4	-3	19.4	19.0
9	4	-2	19.6	19.3	9	4	0	7.4	6.9	9	4	1	21.0	20.2	9	4	2	21.3	20.5	9	4	3	4.1	3.2
9	4	4	7.3	6.9	9	4	5	8.5	7.5	9	4	6	13.4	11.7	9	5	-13	6.1	4.2	9	5	-12	4.4	2.0
9	5	-11	12.0	11.9	9	5	-7	11.5	11.0	9	5	-6	27.6	27.8	9	5	-5	9.5	9.1	9	5	-4	7.1	8.0
9	5	-3	9.7	9.7	9	5	-2	7.6	7.0	9	5	2	17.4	15.8	9	5	3	7.9	7.3	9	5	4	5.4	4.5
9	5	5	13.2	12.8	9	6	-11	8.9	7.9	9	6	-10	26.8	25.4	9	6	-9	10.6	10.3	9	6	-7	7.5	6.2
9	6	-6	12.0	10.6	9	6	-3	3.9	4.2	9	6	-2	8.2	7.2	9	6	-1	6.6	5.4	9	6	0	17.2	15.1
9	6	1	11.6	10.6	9	6	4	5.4	5.6	9	7	-10	4.2	4.5	9	7	-9	4.2	4.3	9	7	-8	4.4	3.8
9	7	-7	12.8	11.0	9	7	-6	12.6	12.1	9	7	-5	7.3	6.6	9	7	-2	6.0	5.9	10	0	-17	6.3	6.3

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
10	0	-15	7.9	8.5	10	0	-14	19.6	20.4	10	0	-13	3.8	4.2	10	0	-12	23.2	24.0	10	0	-11	11.8	12.3
10	0	-10	22.2	21.6	10	0	-9	37.5	37.6	10	0	-8	7.2	6.1	10	0	-6	17.4	18.0	10	0	-5	14.3	14.6
10	0	-4	33.8	34.1	10	0	-3	19.0	19.4	10	0	-2	5.2	3.0	10	0	-1	39.1	39.1	10	0	0	33.6	33.9
10	0	1	6.0	4.8	10	0	2	15.2	15.6	10	0	4	7.6	9.4	10	0	5	5.2	5.4	10	0	7	7.8	8.0
10	1	-15	9.8	10.1	10	1	-14	14.4	14.8	10	1	-13	22.9	23.4	10	1	-12	23.3	24.3	10	1	-11	10.2	10.0
10	1	-10	12.5	12.2	10	1	-9	11.7	12.4	10	1	-8	11.4	10.8	10	1	-7	4.1	4.3	10	1	-5	18.3	17.7
10	1	-4	13.6	13.5	10	1	-3	20.0	20.2	10	1	-2	16.5	17.2	10	1	-1	22.4	22.6	10	1	0	4.1	4.7
10	1	2	12.6	13.1	10	1	3	6.0	7.9	10	1	4	7.9	7.9	10	1	5	5.3	3.6	10	1	6	12.1	11.7
10	2	-16	7.6	7.6	10	2	-15	8.6	10.7	10	2	-12	5.3	4.8	10	2	-11	3.8	3.2	10	2	-9	17.1	16.2
10	2	-8	31.7	32.5	10	2	-6	31.8	31.0	10	2	-5	6.9	5.1	10	2	-4	11.8	12.2	10	2	-2	19.8	19.7
10	2	-1	26.0	26.4	10	2	0	3.8	3.4	10	2	1	5.8	4.5	10	2	2	25.6	25.3	10	2	3	9.5	9.0
10	2	5	8.8	7.8	10	2	6	20.2	19.2	10	3	-15	9.4	9.8	10	3	-14	12.1	12.6	10	3	-13	19.3	20.0
10	3	-12	18.1	19.2	10	3	-11	6.9	7.6	10	3	-10	8.8	9.3	10	3	-9	10.2	10.4	10	3	-8	8.0	8.1
10	3	-7	3.3	3.6	10	3	-5	13.9	13.7	10	3	-4	10.1	9.8	10	3	-3	17.6	17.9	10	3	-2	12.6	12.7
10	3	-1	19.6	18.5	10	3	1	4.2	4.0	10	3	2	11.9	11.7	10	3	3	4.0	4.6	10	3	4	8.0	7.6
10	3	5	3.9	4.3	10	3	6	12.3	11.4	10	4	-15	5.1	6.0	10	4	-14	14.1	14.2	10	4	-12	16.2	16.1
10	4	-11	9.7	8.9	10	4	-10	16.6	15.8	10	4	-9	26.7	26.7	10	4	-8	7.0	6.1	10	4	-7	3.4	2.7
10	4	-6	13.3	13.7	10	4	-5	10.2	9.9	10	4	-4	23.7	24.1	10	4	-3	13.8	13.4	10	4	-1	28.0	27.5
10	4	0	24.2	23.1	10	4	2	12.6	11.8	10	4	4	9.0	8.3	10	5	-13	14.3	14.8	10	5	-12	15.2	15.1
10	5	-11	5.9	5.1	10	5	-10	6.7	5.3	10	5	-9	6.4	6.3	10	5	-8	8.9	7.6	10	5	-5	13.4	12.3
10	5	-4	7.5	7.0	10	5	-3	8.5	8.8	10	5	-2	10.6	10.4	10	5	-1	15.7	15.0	10	5	0	6.1	5.7
10	5	2	7.8	6.4	10	5	3	4.9	5.4	10	5	4	5.7	5.9	10	6	-9	10.2	10.3	10	6	-8	17.4	15.9
10	6	-6	14.2	13.0	10	6	-4	6.4	5.7	10	6	-2	13.3	12.6	10	6	-1	14.1	13.6	10	6	0	4.1	2.6
10	6	2	15.7	14.7	10	7	-8	4.0	3.4	10	7	-5	8.3	6.9	10	7	-3	9.0	7.4	10	7	-2	5.7	4.5
10	7	-1	9.3	8.5	11	0	-16	19.7	20.4	11	0	-15	11.5	12.3	11	0	-14	9.5	10.2	11	0	-13	5.7	5.3
11	0	-11	5.7	5.2	11	0	-10	21.4	21.9	11	0	-9	25.1	25.6	11	0	-8	15.9	15.5	11	0	-7	23.3	23.4
11	0	-6	24.4	25.0	11	0	-5	15.2	15.6	11	0	-3	12.5	12.8	11	0	-2	16.4	16.5	11	0	0	5.4	4.4
11	0	3	13.1	17.0	11	0	4	15.1	16.6	11	1	-15	11.1	11.9	11	1	-14	7.1	5.8	11	1	-13	4.9	4.9
11	1	-12	6.3	7.4	11	1	-10	3.8	3.0	11	1	-9	7.1	5.9	11	1	-8	9.8	9.9	11	1	-7	17.7	17.5
11	1	-6	22.5	23.0	11	1	-5	20.5	21.0	11	1	-4	36.5	37.0	11	1	-3	17.8	18.8	11	1	-2	5.4	5.4
11	1	-1	5.7	6.0	11	1	0	10.2	10.0	11	1	3	8.4	8.2	11	1	4	3.8	3.6	11	1	5	10.2	10.4
11	2	-16	7.7	7.8	11	2	-15	4.1	4.0	11	2	-14	5.7	6.9	11	2	-12	23.2	24.3	11	2	-11	9.1	8.5
11	2	-9	19.4	19.0	11	2	-8	33.4	34.1	11	2	-7	21.1	20.5	11	2	-6	4.4	3.6	11	2	-5	9.4	9.7
11	2	-4	19.8	19.4	11	2	-3	5.6	4.8	11	2	-2	3.5	1.9	11	2	-1	5.7	5.0	11	2	0	15.2	15.3
11	2	1	4.8	6.4	11	2	2	9.2	10.6	11	2	3	19.1	18.1	11	3	-15	7.9	9.1	11	3	-14	5.0	4.6
11	3	-13	4.2	4.7	11	3	-12	4.9	4.0	11	3	-11	4.3	1.0	11	3	-9	8.6	8.1	11	3	-8	7.9	7.8
11	3	-7	15.8	15.6	11	3	-6	15.5	14.9	11	3	-5	16.4	16.4	11	3	-4	31.5	31.2	11	3	-3	11.4	11.4
11	3	-2	6.4	6.8	11	3	-1	7.0	6.2	11	3	0	12.1	11.2	11	3	3	8.5	7.9	11	3	4	4.6	4.4
11	4	-14	8.9	9.0	11	4	-11	5.0	3.9	11	4	-10	16.0	16.1	11	4	-9	17.9	17.7	11	4	-8	11.2	11.6
11	4	-7	15.6	15.5	11	4	-6	17.3	17.3	11	4	-5	9.7	9.6	11	4	-3	9.8	8.9	11	4	-2	12.5	12.4
11	4	0	4.4	1.5	11	4	2	4.3	2.8	11	4	3	13.5	12.9	11	5	-12	5.7	6.7	11	5	-8	5.3	5.4
11	5	-7	10.8	11.1	11	5	-6	18.1	17.1	11	5	-5	13.3	12.8	11	5	-4	22.6	22.0	11	5	-3	13.3	12.6
11	5	0	4.7	4.5	11	6	-9	9.6	9.1	11	6	-8	21.2	20.4	11	6	-7	9.1	9.2	11	6	-4	11.5	11.2
12	0	-12	9.9	9.6	12	0	-11	8.5	7.7	12	0	-9	29.1	29.4	12	0	-8	12.8	12.1	12	0	-7	29.6	30.3
12	0	-6	5.5	5.5	12	0	-4	11.8	12.3	12	0	-2	20.1	20.0	12	0	-1	12.2	12.3	12	0	0	6.1	7.1
12	0	1	5.5	5.5	12	0	2	18.5	24.1	12	0	3	6.3	6.4	12	1	-15	9.5	10.1	12	1	-14	4.4	5.2
12	1	-13	5.4	5.4	12	1	-12	16.8	17.1	12	1	-11	16.6	16.4	12	1	-10	19.0	19.0	12	1	-9	8.1	9.2
12	1	-8	7.3	6.8	12	1	-7	3.6	3.8	12	1	-6	4.6	6.4	12	1	-4	3.6	3.8	12	1	-1	11.9	12.5
12	1	0	9.0	9.2	12	1	1	13.6	13.5	12	1	2	4.4	5.3	12	1	3	4.3	4.8	12	2	-14	6.9	7.2
12	2	-13	9.1	9.2	12	2	-11	4.6	4.3	12	2	-10	18.1	18.1	12	2	-9	13.7	13.5	12	2	-8	5.6	4.9
12	2	-7	25.8	26.1	12	2	-6	8.0	8.6	12	2	-4	8.2	8.5	12	2	-3	10.9	9.9	12	2	-2	6.8	6.9
12	2	-1	8.3	7.9	12	2	0	4.0	3.6	12	2	1	17.2	16.2	12	2	2	7.2	7.4	12	2	3	7.8	6.7
12	3	-13	4.7	4.5	12	3	-12	13.6	13.5	12	3	-11	14.2	14.1	12	3	-10	17.7	16.9	12	3	-9	6.4	7.2
12	3	-8	5.7	5.4	12	3	-6	4.4	4.7	12	3	-1	9.2	9.6	12	3	0	9.3	8.5	12	3	1	11.8	11.2
12	3	2	4.2	5.3	12	4	-12	7.7	7.6	12	4	-11	5.8	4.9	12	4	-9	20.3	19.5	12	4	-8	8.2	8.1
12	4	-7	22.0	22.1	12	4	-4	11.3	10.4	12	4	-2	15.6	15.1	12	4	-1	9.7	9.3	12	4	0	5.6	5.1
12	4	1	3.9	3.4	12	5	-11	11.7	11.1	12	5	-10	11.7	10.7	12	5	-9	5.8	5.2	12	5	-6	4.2	3.9
12	5	-1	7.6	7.6	12	6	-7	14.0	13.2	12	6	-6	4.2	5.0	13	0	-14	13.7	14.5	13	0	-13	4.6	6.0
13	0	-12	11.9	12.1	13	0	-11	8.5	7.8	13	0	-10	5.3	2.9	13	0	-8	11.3	11.9	13	0	-7	14.1	15.1
13	0	-5	4.7	2.6	13	0	-4	28.4	29.8	13	0	-1	11.7	12.7	13	0	0	12.4	12.7	13	0	1	9.5	10.0

H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC	H	K	L	FO	FC
13	1	-12	13.4	14.3	13	1	-10	9.8	10.2	13	1	-9	5.6	5.4	13	1	-7	6.4	7.0	13	1	-4	19.8	20.3
13	1	-2	12.9	12.8	13	1	-1	15.8	16.6	13	1	0	8.0	8.3	13	1	1	4.8	5.8	13	2	-14	5.3	4.6
13	2	-13	7.7	7.5	13	2	-12	4.4	3.1	13	2	-11	6.3	6.6	13	2	-10	7.3	9.3	13	2	-8	5.5	6.0
13	2	-7	12.4	11.7	13	2	-6	17.3	18.2	13	2	-4	6.7	7.0	13	2	-3	6.2	5.8	13	2	-2	17.7	18.0
13	2	-1	17.9	18.7	13	2	0	6.6	6.2	13	2	1	6.5	7.2	13	3	-13	3.7	1.5	13	3	-12	10.1	10.1
13	3	-10	8.2	8.9	13	3	-9	5.9	7.3	13	3	-7	4.3	4.8	13	3	-4	18.8	18.3	13	3	-3	4.3	1.4
13	3	-2	13.2	12.7	13	3	-1	15.9	15.4	13	3	0	9.0	7.9	13	4	-11	4.6	5.2	13	4	-8	9.2	10.1
13	4	-7	11.4	11.8	13	4	-4	21.6	21.8	13	4	-1	8.7	9.0	13	5	-7	5.5	4.5	13	5	-6	4.2	1.7
14	0	-13	4.0	1.8	14	0	-12	6.3	6.2	14	0	-10	15.8	17.6	14	0	-9	4.4	5.0	14	0	-7	14.1	14.6
14	0	-6	10.9	11.2	14	0	-5	14.9	15.3	14	0	-3	5.9	7.1	14	0	-1	6.5	6.8	14	1	-13	9.4	11.4
14	1	-12	5.5	6.2	14	1	-11	7.8	8.9	14	1	-10	18.0	18.9	14	1	-9	4.3	3.8	14	1	-7	9.8	10.5
14	1	-5	5.4	5.0	14	1	-4	9.4	9.8	14	1	-2	5.2	5.2	14	2	-12	12.8	12.9	14	2	-11	3.8	2.6
14	2	-9	6.8	7.5	14	2	-8	11.8	12.7	14	2	-7	19.0	20.1	14	2	-6	14.0	14.0	14	2	-5	15.4	15.3
14	2	-4	16.5	16.7	14	2	-3	14.3	14.8	14	2	-2	5.9	6.2	14	3	-11	6.7	8.1	14	3	-10	16.1	16.9
14	3	-9	4.1	3.6	14	3	-7	9.6	9.4	14	3	-4	8.6	8.8	15	0	-10	4.8	5.4	15	0	-8	4.5	3.2
15	0	-6	7.8	7.9	15	0	-5	7.8	7.1	15	1	-10	12.1	12.4	15	1	-8	5.9	6.1	15	1	-6	6.6	6.9
15	1	-5	11.7	12.0																				