1
N/None

Opt. res. 140

North: ♠Q876 ♥T943 ♦QT ♣A32
West: ♠K53 ♥QJ52 ♦42 ♣T854
East: ♠AJ ♥AK76 ♦K97 ♣Q976
South: ♠T942 ♥8 ♦AJ8653 ♣KJ

HCP: N 8, W 6, E 17, S 9

	N	S
N	-	-
S	9	9
H	-	-
D	9	9
C	-	-
	140	

	E	W
N	-	-
S	-	-
H	8	8
D	-	-
C	9	8
	110	

2
E/NS

Opt. res. -450

North: ♠K ♥AK843 ♦JT9754 ♣Q
West: ♠AJ763 ♥- ♦AK62 ♣K962
East: ♠Q952 ♥Q975 ♦Q3 ♣J75
South: ♠T84 ♥JT62 ♦8 ♣AT843

HCP: N 13, W 15, E 7, S 5

	N	S
N	-	-
S	-	-
H	8	8
D	-	-
C	-	-
	110	

	E	W
N	9	9
S	11	11
H	-	-
D	7	7
C	8	9
	450	

3
S/EW

Opt. res. -300

North: ♠842 ♥AT72 ♦QT ♣QJ84
West: ♠K7 ♥K64 ♦AJ743 ♣A97
East: ♠QT ♥J985 ♦K86 ♣KT32
South: ♠AJ9653 ♥Q3 ♦952 ♣65

HCP: N 9, W 15, E 9, S 7

	N	S
N	-	-
S	8	8
H	-	-
D	-	-
C	-	-
	110	

	E	W
N	8	8
S	-	-
H	9	9
D	10	10
C	9	9
	140	

4
W/All

Opt. res. -110

North: ♠J9654 ♥J74 ♦AT ♣754
West: ♠K32 ♥KQ5 ♦QJ943 ♣K8
East: ♠T7 ♥982 ♦76 ♣AQJT96
South: ♠AQ8 ♥AT63 ♦K852 ♣32

HCP: N 6, W 14, E 7, S 13

	N	S
N	-	-
S	8	8
H	7	7
D	-	-
C	-	-
	110	

	E	W
N	7	7
S	-	-
H	-	-
D	7	7
C	9	9
	110	

5
N/NS

Opt. res. -140

North: ♠A63 ♥86543 ♦KJ2 ♣T7
West: ♠KJ754 ♥A97 ♦743 ♣52
East: ♠QT982 ♥KJ ♦A95 ♣KQJ
South: ♠- ♥QT2 ♦QT86 ♣A98643

HCP: N 8, W 8, E 16, S 8

	N	S
N	-	-
S	-	-
H	8	8
D	7	7
C	8	8
	110	

	E	W
N	8	8
S	9	9
H	-	-
D	-	-
C	-	-
	140	

6
E/EW

Opt. res. -120

North: ♠A2 ♥AKQ ♦T9432 ♣952
West: ♠QJT87 ♥9754 ♦6 ♣AK7
East: ♠K54 ♥JT2 ♦KQJ5 ♣QT6
South: ♠963 ♥863 ♦A87 ♣J843

HCP: N 13, W 10, E 12, S 5

	N	S
N	-	-
S	-	-
H	-	-
D	7	7
C	-	-
	70	

	E	W
N	8	8
S	8	8
H	8	8
D	-	-
C	7	7
	120	

7
S/All

Opt. res. -2210

North: ♠43 ♥T ♦Q9876542 ♣43
West: ♠A87 ♥AQJ8742 ♦AJ3 ♣-
East: ♠QJT92 ♥K6 ♦K ♣J8652
South: ♠K65 ♥953 ♦T ♣AKQT97

HCP: N 2, W 16, E 10, S 12

	N	S
N	-	-
S	-	-
H	-	-
D	7	7
C	-	-
	70	

	E	W
N	10	9
S	10	10
H	13	13
D	-	-
C	7	7
	2210	

8
W/None

Opt. res. -400

North: ♠Q54 ♥QJ62 ♦A84 ♣Q85
West: ♠A93 ♥K ♦KQT32 ♣J976
East: ♠KJ87 ♥AT853 ♦975 ♣4
South: ♠T62 ♥974 ♦J6 ♣AKT32

HCP: N 11, W 13, E 8, S 8

	N	S
N	-	-
S	-	-
H	-	-
D	-	-
C	-	-
	-350	

	E	W
N	8	8
S	9	9
H	8	8
D	11	11
C	7	7
	400	

9
N/EW

Opt. res. -620

North: ♠Q543 ♥JT87 ♦Q9 ♣T82
West: ♠KT72 ♥A9 ♦T63 ♣AQ94
East: ♠A86 ♥K542 ♦K7 ♣J765
South: ♠J9 ♥Q63 ♦AJ8542 ♣K3

HCP: N 5, W 13, E 11, S 11

	N	S
N	-	-
S	-	-
H	-	-
D	-	-
C	-	-
	-350	

	E	W
N	9	9
S	10	10
H	9	9
D	8	7
C	10	10
	620	

10
E/All

Opt. res. 140

North: ♠QJ8753 ♥KJ82 ♦5 ♣93
West: ♠A942 ♥T4 ♦82 ♣QT874
East: ♠KT ♥53 ♦KQ9764 ♣AK2
South: ♠6 ♥AQ976 ♦AJT3 ♣J65

HCP: N 7, W 6, E 15, S 12

	N	S
N	-	-
S	7	7
H	9	9
D	-	-
C	-	-
	140	

	E	W
N	7	7
S	-	-
H	-	-
D	8	8
C	9	9
	110	

11
S/None

Opt. res. -100

North: ♠AQ5 ♥- ♦JT9875 ♣KT64
West: ♠J832 ♥A98632 ♦43 ♣7
East: ♠K964 ♥KQ ♦KQ62 ♣AQ9
South: ♠T7 ♥JT754 ♦A ♣J8532

HCP: N 10, W 5, E 19, S 6

	N	S
N	-	-
S	-	-
H	-	-
D	7	7
C	9	9
	110	

	E	W
N	7	7
S	8	8
H	9	9
D	-	-
C	-	-
	140	

12
W/NS

Opt. res. -450

North: ♠T4 ♥Q4 ♦AQ74 ♣76543
West: ♠Q9653 ♥KJ983 ♦65 ♣T
East: ♠AK72 ♥AT765 ♦T ♣982
South: ♠J8 ♥2 ♦KJ9832 ♣AKQJ

HCP: N 8, W 6, E 11, S 15

	N	S
N	-	-
S	-	-
H	-	-
D	10	10
C	10	10
	130	

	E	W
N	-	-
S	11	11
H	11	11
D	-	-
C	-	-
	450	

13
N/All

Opt. res. 620

North: ♠K52 ♥QT65 ♦JT3 ♣A72
West: ♠AT3 ♥984 ♦Q95 ♣QT63
East: ♠Q74 ♥K73 ♦K764 ♣854
South: ♠J986 ♥AJ2 ♦A82 ♣KJ9

HCP: N 10, W 8, E 8, S 14

	N	S
N	9	9
S	8	9
H	9	10
D	8	8
C	8	8
	620	

	E	W
N	-	-
S	-	-
H	-	-
D	-	-
C	-	-
	-700	

14
E/None

Opt. res. -120

North: ♠AK76 ♥Q98 ♦K964 ♣T4
West: ♠T42 ♥A2 ♦AQ52 ♣A865
East: ♠Q98 ♥KT6 ♦JT73 ♣K92
South: ♠J53 ♥J7543 ♦8 ♣QJ73

HCP: N 12, W 14, E 9, S 5

	N	S
N	-	-
S	-	-
H	7	7
D	-	-
C	-	-
	80	

	E	W
N	8	8
S	7	7
H	-	-
D	9	9
C	8	8
	120	

15
S/NS

Opt. res. -990

North: ♠863 ♥T98752 ♦T73 ♣6
West: ♠KT4 ♥QJ63 ♦AKQ6 ♣J2
East: ♠A52 ♥A4 ♦985 ♣KQT75
South: ♠QJ97 ♥K ♦J42 ♣A9843

HCP: N 0, W 16, E 13, S 11

	N	S
N	-	-
S	-	-
H	-	-
D	-	-
C	-	-
	-700	

	E	W
N	12	12
S	10	10
H	9	9
D	11	11
C	11	11
	990	

16
W/EW

Opt. res. -130

North: ♠A62 ♥AT975 ♦QJ75 ♣7
West: ♠KT ♥KQJ2 ♦A94 ♣AJ53
East: ♠J874 ♥64 ♦K2 ♣T9864
South: ♠Q953 ♥83 ♦T863 ♣KQ2

HCP: N 11, W 18, E 4, S 7

	N	S
N	-	-
S	-	-
H	-	-
D	7	8
C	-	-
	90	

	E	W
N	8	8
S	7	7
H	-	7
D	-	-
C	10	10
	130	

17
N/None

Opt. res. 450

North: ♠42 ♥AQ932 ♦JT87 ♣52
West: ♠QJ95 ♥754 ♦K ♣QT974
East: ♠AK863 ♥T86 ♦62 ♣863
South: ♠T7 ♥KJ ♦AQ9543 ♣AKJ

HCP: N 7, W 8, E 7, S 18

	N	S
N	8	8
S	-	-
H	11	11
D	11	11
C	-	7
	450	

	E	W
N	-	-
S	-	-
H	-	-
D	-	-
C	-	-
	-350	

18
E/NS

Opt. res. 130

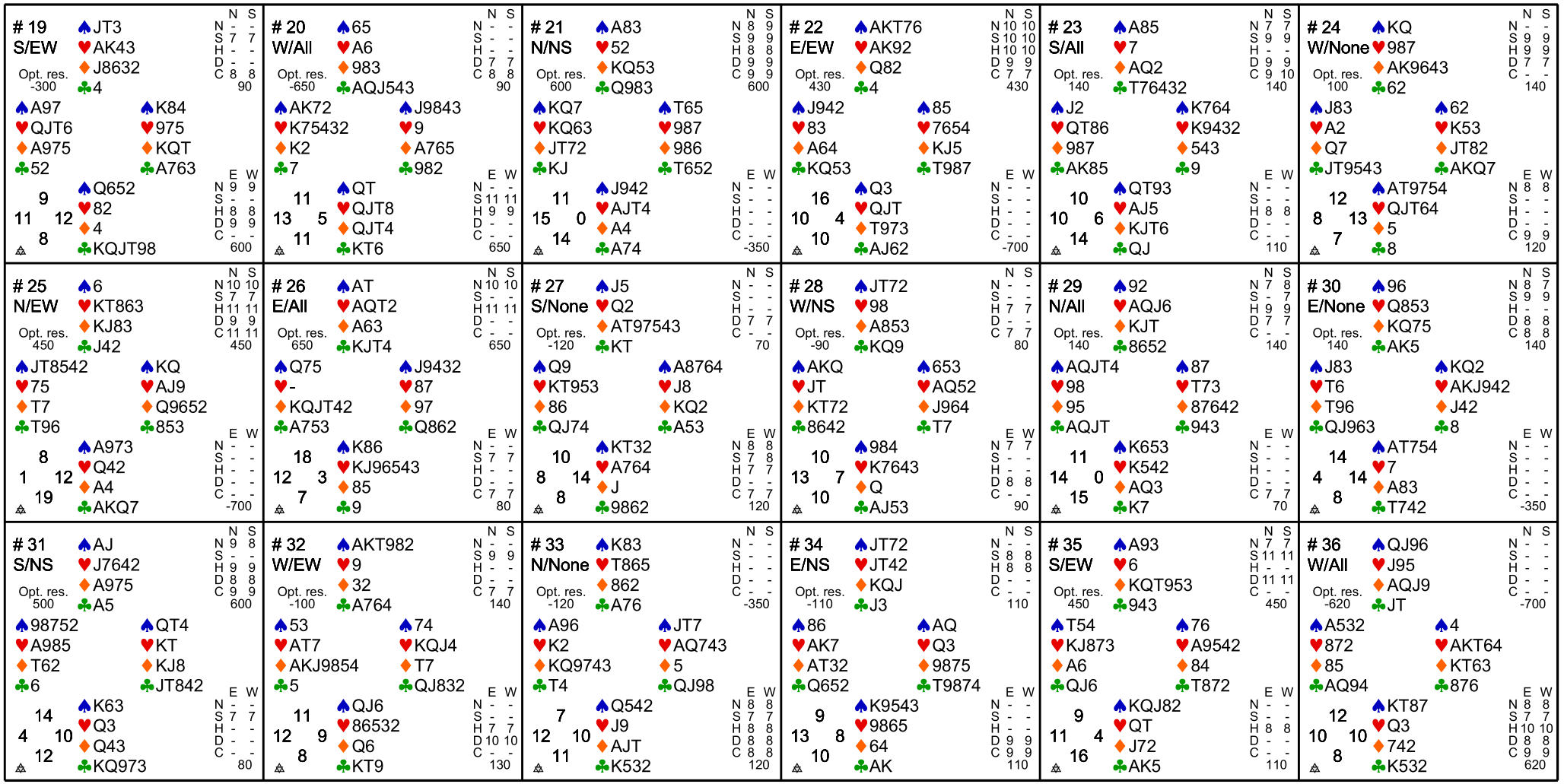
North: ♠JT ♥AT ♦QJ754 ♣Q763
West: ♠K6 ♥KJ5 ♦AT9 ♣AKT54
East: ♠8742 ♥Q984 ♦6 ♣J982
South: ♠AQ953 ♥7632 ♦K832 ♣-

HCP: N 10, W 18, E 3, S 9

	N	S
N	-	-
S	7	7
H	-	-
D	10	10
C	-	-
	130	

	E	W
N	7	7
S	-	-
H	7	7
D	-	-
C	9	9
	110	

N HPC	E HPC	S HPC	W HPC	---Voids---				--Singletons---				- >=7suit -				---Balanced----			
9,78	9,08	10,31	10,83	1	0	2	3	12	9	15	8	2	0	1	2	21	25	17	22



N HPC	E HPC	S HPC	W HPC	Voids				Singletons				>=7suit				Balanced			
9,78	9,08	10,31	10,83	1	0	2	3	12	9	15	8	2	0	1	2	21	25	17	22