

**1**  
None / N

♠KQ  
♥A9752  
♦964  
♣K62

♠109  
♥108  
♦Q52  
♣Q98743

♠AJ6542  
♥Q643  
♦7  
♣A10

N ♠ ♥ ♦ ♣  
N 7 11 11 5 5  
S 7 11 11 5 5

N ♠ ♥ ♦ ♣  
W 4 2 2 8 7  
E 4 2 2 8 7

Minimax: 4♥ S +450

**2**  
NS / E

♠A10  
♥QJ853  
♦842  
♣1042

♠QJ6543  
♥K76  
♦Q103  
♣Q

♠K2  
♥9  
♦K9765  
♣KJ965

♠987  
♥A1042  
♦AJ  
♣A873

N ♠ ♥ ♦ ♣  
N 6 4 5 8 8  
S 6 4 5 8 8

N ♠ ♥ ♦ ♣  
W 6 9 7 5 5  
E 6 9 7 5 5

Minimax: 2♠ W -140

**3**  
WE / S

♠A10852  
♥6  
♦42  
♣KQJ83

♠KJ4  
♥KJ952  
♦1075  
♣A9

♠Q973  
♥10873  
♦J83  
♣102

♠6  
♥AQ4  
♦AKQ96  
♣7654

N ♠ ♥ ♦ ♣  
N 1 7 1 1 5  
S 1 7 1 1 5

N ♠ ♥ ♦ ♣  
W 11 6 12 11 7  
E 11 5 12 11 7

Minimax: 6♠x S -1100

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	16	4♥	N	♦7	+1	450	58.82	41.18
12	18	4♥	N	♦Q	+1	450	58.82	41.18
13	20	4♥	N	♣9	+1	450	58.82	41.18
14	17	4♥	N	♦5	+1	450	58.82	41.18
15	19	4♥	N	♦5	=	420	11.76	88.24
21	26	4♥	N	♠10	+1	450	58.82	41.18
22	28	5♥	N	♦5	=	450	58.82	41.18
23	30	4♥	N	♦K	+1	450	58.82	41.18
24	27	6♥	N	♦2	-1	-50	2.94	97.06
25	29	4♥	N	♦4	+1	450	58.82	41.18
31	36	4♥	N	♠10	+1	450	58.82	41.18
32	38	4♥	N	♦Q	+1	450	58.82	41.18
33	40	4♥	N	♦5	+1	450	58.82	41.18
34	37	6♥	N	♦5	-1	-50	2.94	97.06
49	39	4♥	N	♦Q	+1	450	58.82	41.18
41	46	4♥	N	♦5	+1	450	58.82	41.18
42	48	4♥	N	♦5	+1	450	58.82	41.18
43	50	4♥	N	♠10	+1	450	58.82	41.18
44	47	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	16	2♠	W	♥Q	+3	-200	23.53	76.47
12	18	3♠	W	♣4	=	-140	52.94	47.06
13	20	4♠	W	♣4	-1	50	79.41	20.59
14	17	3NT	E	♣6	-2	100	100.00	0.00
15	19	2♠	W	♥Q	+3	-200	23.53	76.47
21	26	3♠	W	♦4	+1	-170	38.24	61.76
22	28	4♠	W	♦4	-1	50	79.41	20.59
23	30	4♠	W	♣4	-1	50	79.41	20.59
24	27	3♣	N	♠8	-2	-200	23.53	76.47
25	29	3♠	W	♦4	=	-140	52.94	47.06
31	36	4♠	W	♥Q	=	-420	5.88	94.12
32	38	3♣	N	♦A	-3	-300	11.76	88.24
33	40	4♠	W	♣4	-1	50	79.41	20.59
34	37	2♠	W	♥2	+2	-170	38.24	61.76
49	39	4♠	W	♣4	-1	50	79.41	20.59
41	46	3♠	W	♦4	=	-140	52.94	47.06
42	48	4♠	W	♦8	-1	50	79.41	20.59
43	50	4♠	W	♥Q	+1	-450	0.00	100.00
44	47	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	20	6♥	W	♣K	=	-1430	8.82	91.18
12	17	4♥	W	♣K	+2	-680	35.29	64.71
13	19	4♥	W	♣K	+2	-680	35.29	64.71
14	16	6♥	W	♣K	=	-1430	8.82	91.18
15	18	6♥	W	♠A	=	-1430	8.82	91.18
21	30	6♥	W	♠A	=	-1430	8.82	91.18
22	27	5♥	W	♣K	=	-650	67.65	32.35
23	29	5♥	W	♣K	+1	-680	35.29	64.71
24	26	4♠	N	♦A	-3	-150	100.00	0.00
25	28	3♥	W	♣K	+3	-230	94.12	5.88
31	40	4♥	W	♣K	+1	-650	67.65	32.35
32	37	4♥	W	♣K	+1	-650	67.65	32.35
33	39	4♥	W	♣K	+2	-680	35.29	64.71
34	36	4♠X	S	♣A	-3	-500	88.24	11.76
48	38	4♥	W	♣K	+1	-650	67.65	32.35
41	50	4♥	W	♣K	+2	-680	35.29	64.71
42	47	4♥	W	♣K	+1	-650	67.65	32.35
43	49	5♥	W	♣K	=	-650	67.65	32.35
44	46	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**4**  
All / W

♠A85  
♥Q962  
♦4  
♣97432

♠KJ73  
♥A3  
♦98732  
♣Q6

♠96  
♥KJ874  
♦AQ1065  
♣J

♠Q1042  
♥105  
♦KJ  
♣AK1085

NT ♠ ♥ ♦ ♣

N 7 7 5 3 8  
S 7 7 5 3 8

NT ♠ ♥ ♦ ♣

W 5 6 8 10 4  
E 5 6 8 10 4

Minimax: 2♦ W -130

**5**  
NS / N

♠KJ9874  
♥K3  
♦A1096  
♣6

♠52  
♥J62  
♦Q732  
♣K743

♠A10  
♥Q97  
♦KJ84  
♣AQ109

♠Q63  
♥A10854  
♦5  
♣J852

NT ♠ ♥ ♦ ♣

N 5 11 7 5 5  
S 5 11 7 5 5

NT ♠ ♥ ♦ ♣

W 5 2 5 7 5  
E 5 2 5 7 5

Minimax: 4♠ S +650

**6**  
WE / E

♠5  
♥KQ102  
♦KJ2  
♣KJ1093

♠KQ72  
♥J3  
♦8654  
♣754

♠J109843  
♥9864  
♦107  
♣8

♠A6  
♥A75  
♦AQ93  
♣AQ62

NT ♠ ♥ ♦ ♣

N 13 6 13 13 13  
S 13 6 13 13 13

NT ♠ ♥ ♦ ♣

W 0 7 0 0 0  
E 0 7 0 0 0

Minimax: 7NT S +1520

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	20	3♦	E	♣A	=	-110	47.06	52.94
12	17	3♦	E	♣A	=	-110	47.06	52.94
13	19	4♦	E	♣7	=	-130	14.71	85.29
14	16	3♦	E	♣K	=	-110	47.06	52.94
15	18	2♥	W	♦4	=	-110	47.06	52.94
21	30	2♥	E	♣A	-1	100	88.24	11.76
22	27	3♦	E	♣K	+1	-130	14.71	85.29
23	29	3♦	E	♠4	+1	-130	14.71	85.29
24	26	4♥X	E	♣A	-3	800	100.00	0.00
25	28	3♦	E	♣K	+1	-130	14.71	85.29
31	40	3♣	S	♥A	-1	-100	70.59	29.41
32	37	3♦	E	♣K	+1	-130	14.71	85.29
33	39	3♦	W	♣7	-1	100	88.24	11.76
34	36	3♣	S	♥A	-1	-100	70.59	29.41
48	38	3♣	S	♥A	-1	-100	70.59	29.41
41	50	3♦	E	♣K	=	-110	47.06	52.94
42	47	4♦	W	♣A	-1	100	88.24	11.76
43	49	3♦	E	♣K	+1	-130	14.71	85.29
44	46	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	19	3♠	N	♥9	+3	230	82.35	17.65
12	16	2♠	N	♣10	+3	200	52.94	47.06
13	18	3♠	N	♠A	+2	200	52.94	47.06
14	20	2♠	N	♠A	+3	200	52.94	47.06
15	17	3♠	N	♥9	=	140	5.88	94.12
21	29	3♠	N	♠A	+1	170	17.65	82.35
22	26	2♠	N	♥9	+3	200	52.94	47.06
23	28	2♠	N	♠A	+2	170	17.65	82.35
24	30	2NT	E	♠6	-1	50	0.00	100.00
25	27	2♠	N	♥7	+3	200	52.94	47.06
31	39	4♣X	W	♠8	-2	300	88.24	11.76
32	36	3♠	N	♠A	+2	200	52.94	47.06
33	38	2♠	N	♦J	+3	200	52.94	47.06
34	40	4♣X	N	♠A	+1	990	97.06	2.94
47	37	2♠	N	♠A	+3	200	52.94	47.06
41	49	4♣X	S	♠A	+1	990	97.06	2.94
42	46	2♠	N	♥9	+2	170	17.65	82.35
43	48	3♠	N	♠A	+2	200	52.94	47.06
44	50	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	19	6♣	S	♠K	+1	940	55.88	44.12
12	16	4NT	S	♠K	+3	520	23.53	76.47
13	18	3NT	S	♠2	+4	520	23.53	76.47
14	20	6♣	S	♠K	+1	940	55.88	44.12
15	17	6♥	N	♣8	=	980	70.59	29.41
21	29	3NT	S	♥J	+4	520	23.53	76.47
22	26	5♥	N	♣8	+2	510	0.00	100.00
23	28	6♣	S	♣7	+1	940	55.88	44.12
24	30	3NT	S	♦6	+4	520	23.53	76.47
25	27	6♣	S	♠Q	+1	940	55.88	44.12
31	39	3NT	S	♦6	+4	520	23.53	76.47
32	36	6NT	S	♠K	+1	1020	82.35	17.65
33	38	6NT	S	♠K	+1	1020	82.35	17.65
34	40	7♣	N	♠J	=	1440	94.12	5.88
47	37	3NT	S	♠K	+4	520	23.53	76.47
41	49	6NT	S	♠Q	+1	1020	82.35	17.65
42	46	3NT	S	♦4	+4	520	23.53	76.47
43	48	7♥	N	♠J	=	1510	100.00	0.00
44	50	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**7**  
All / S

♠J643  
♥104  
♦AQJ976  
♣A

♠Q987  
♥AKQ72  
♦543  
♣J

♠105  
♥J63  
♦  
♣109876532

♠AK2  
♥985  
♦K1082  
♣KQ4

NT ♠ ♥ ♦ ♣

N	8	8	6	11	5
S	8	8	6	11	5

NT ♠ ♥ ♦ ♣

W	2	2	7	1	8
E	2	2	7	1	8

Minimax: 5♦ S +600

**8**  
None / W

♠Q43  
♥A94  
♦A842  
♣AK9

♠9852  
♥765  
♦K1073  
♣Q3

♠AJ10  
♥KJ1083  
♦J96  
♣54

NT ♠ ♥ ♦ ♣

N	11	10	11	11	8
S	11	10	11	11	8

NT ♠ ♥ ♦ ♣

W	2	3	2	2	5
E	2	3	2	2	5

Minimax: 3NT S +460

**9**  
WE / N

♠A85  
♥AKJ9  
♦K1064  
♣109

♠KQ963  
♥Q1072  
♦Q52  
♣8

♠102  
♥863  
♦AJ83  
♣J742

NT ♠ ♥ ♦ ♣

N	8	5	9	10	6
S	8	5	9	10	6

NT ♠ ♥ ♦ ♣

W	5	7	4	3	7
E	4	7	4	3	7

Minimax: 2♥ S +140

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	18	5♦	S	♥A	=	600	76.47	23.53
12	20	3♦	S	♥K	+2	150	55.88	44.12
13	17	5♦	N	♠10	+1	620	94.12	5.88
14	19	3NT	S	♥A	-1	-100	26.47	73.53
15	16	5♦	N	♣10	+1	620	94.12	5.88
21	28	3NT	N	♥K	-1	-100	26.47	73.53
22	30	3NT	S	♥K	-1	-100	26.47	73.53
23	27	3♣X	E	♠A	=	-670	0.00	100.00
24	29	5♦	N	♠10	+1	620	94.12	5.88
25	26	5♦	S	♥5	=	600	76.47	23.53
31	38	3NT	S	♥A	-1	-100	26.47	73.53
32	40	5♦	S	♥K	=	600	76.47	23.53
33	37	4♣	S	♥K	-1	-100	26.47	73.53
34	39	3NT	S	♥K	-1	-100	26.47	73.53
46	36	3♦	N	♥6	+2	150	55.88	44.12
41	48	3NT	S	♥A	-1	-100	26.47	73.53
42	50	4♥	W	♠3	-3	300	64.71	35.29
43	47	3NT	S	♥A	-1	-100	26.47	73.53
44	49	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	18	4♥	N	♦Q	+1	450	50.00	50.00
12	20	4♥	N	♣7	+1	450	50.00	50.00
13	17	3NT	N	♣7	+1	430	11.76	88.24
14	19	3NT	N	♣J	+2	460	85.29	14.71
15	16	4♥	S	♥5	+1	450	50.00	50.00
21	28	4♥	N	♣J	+1	450	50.00	50.00
22	30	3NT	N	♣J	+1	430	11.76	88.24
23	27	4♥	N	♦5	+1	450	50.00	50.00
24	29	4♥	N	♣J	+1	450	50.00	50.00
25	26	4♥	N	♣8	+2	480	100.00	0.00
31	38	3NT	N	♣J	+2	460	85.29	14.71
32	40	3NT	N	♣J	+2	460	85.29	14.71
33	37	4♥	N	♣J	+1	450	50.00	50.00
34	39	4♥	N	♣7	+1	450	50.00	50.00
46	36	3NT	N	♣J	+2	460	85.29	14.71
41	48	3NT	N	♣J	+1	430	11.76	88.24
42	50	3NT	N	♣J	+1	430	11.76	88.24
43	47	3NT	N	♣J	+1	430	11.76	88.24
44	49	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	17	3♦	N	♣K	=	110	52.94	47.06
12	19	1NT	N	♣K	+1	120	58.82	41.18
13	16	3♣X	S	♠4	-3	-500	0.00	100.00
14	18	2♣	E	♣7	+1	-140	11.76	88.24
15	20	2♣	W	♥A	+2	-170	5.88	94.12
21	27	3♣	E	♠10	-2	200	94.12	5.88
22	29	1NT	N	♣A	+2	150	70.59	29.41
23	26	1NT	N	♣A	+3	180	79.41	20.59
24	28	2♣	N	♥A	-1	-50	23.53	76.47
25	30	2♣	E	♥6	-1	100	38.24	61.76
31	37	3♣	E	♦3	-1	100	38.24	61.76
32	39	2♣	E	♠10	-1	100	38.24	61.76
33	36	2♣	E	♠10	=	-110	17.65	82.35
34	38	1NT	N	♣A	+3	180	79.41	20.59
50	40	4♦	N	♣A	=	130	64.71	35.29
41	47	2♣	W	♣10	-2	200	94.12	5.88
42	49	3♣	W	♥K	-2	200	94.12	5.88
43	46	2♣	E	♥6	-1	100	38.24	61.76
44	48	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**10** All / E

♠K964  
♥J853  
♦9  
♣QJ54

♠32  
♥A1062  
♦Q2  
♣A10762

♠AQ105  
♥KQ  
♦J10643  
♣K9

NT ♠ ♥ ♦ ♣

N 8 9 7 6 7  
S 8 9 7 6 7

W 5 3 5 7 6  
E 5 3 5 7 6

Minimax: 1♠ S +140

**11** None / S

♠965  
♥J103  
♦J42  
♣KQJ3

♠QJ  
♥A984  
♦K1086  
♣1085

♠AK8732  
♥Q5  
♦AQ975  
♣

NT ♠ ♥ ♦ ♣

N 8 10 6 9 6  
S 8 10 6 9 6

W 4 2 6 3 7  
E 4 3 7 4 7

Minimax: 4♠ S +420

**12** NS / W

♠1094  
♥AK5  
♦AJ4  
♣J765

♠765  
♥QJ873  
♦10752  
♣2

♠K8  
♥1062  
♦KQ63  
♣10843

NT ♠ ♥ ♦ ♣

N 5 4 5 6 6  
S 7 4 5 6 7

W 6 9 7 6 5  
E 6 9 7 6 5

Minimax: 2♠ W -140

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	17	3♠	S	♦K	=	140	17.65	82.35
12	19	3♠	S	♦A	+1	170	47.06	52.94
13	16	4♣	S	♦A	=	620	88.24	11.76
14	18	2♠	S	♦K	+2	170	47.06	52.94
15	20	2♠	S	♦K	+2	170	47.06	52.94
21	27	3NT	N	♣6	=	600	76.47	23.53
22	29	2♦	S	♣3	-2	-200	2.94	97.06
23	26	2♠	S	♦K	+2	170	47.06	52.94
24	28	2♠	S	♦K	+2	170	47.06	52.94
25	30	1NT	S	♦5	+1	120	11.76	88.24
31	37	4♣	S	♦K	=	620	88.24	11.76
32	39	3♠	S	♦K	+1	170	47.06	52.94
33	36	2♠	N	♣A	+2	170	47.06	52.94
34	38	4♣	S	♦A	=	620	88.24	11.76
50	40	2♠	S	♣5	+2	170	47.06	52.94
41	47	2♠	S	♦K	+2	170	47.06	52.94
42	49	3NTX	S	♦7	=	750	100.00	0.00
43	46	4♣	S	♦K	-2	-200	2.94	97.06
44	48	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	36	4♣	S	♣Q	+1	450	67.65	32.35
12	38	4♣	S	♥4	=	420	38.24	61.76
13	40	6♣	S	♣8	-1	-50	11.76	88.24
14	37	4♣	S	♣8	+1	450	67.65	32.35
15	39	3♠	S	♣8	-1	-50	11.76	88.24
46	26	4♣	S	♥8	=	420	38.24	61.76
47	28	4♣	S	♥A	-1	-50	11.76	88.24
48	30	4♣	S	♠J	=	420	38.24	61.76
49	27	4♣	S	♥4	=	420	38.24	61.76
50	29	4♣	N	♥A	-1	-50	11.76	88.24
31	16	5♣	S	♣Q	-1	-50	11.76	88.24
32	18	4♣	S	♣8	+2	480	94.12	5.88
33	20	4♣	S	♣8	+2	480	94.12	5.88
34	17	4♣	S	♣8	+1	450	67.65	32.35
24	19	4♣	S	♣8	+1	450	67.65	32.35
41	21	4♣	S	♣10	+2	480	94.12	5.88
42	23	4♣	S	♣8	+1	450	67.65	32.35
43	25	4♣	S	♣8	+1	450	67.65	32.35
44	22	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	36	3♣	N	♥Q	-2	-200	17.65	82.35
12	38	1NT	S	♣A	=	90	100.00	0.00
13	40	1♠	W	♥A	+2	-140	73.53	26.47
14	37	4♣	W	♥A	=	-420	2.94	97.06
15	39	2♠	W	♥A	+2	-170	44.12	55.88
46	26	2♠	W	♥A	=	-110	88.24	11.76
47	28	2♠	W	♥A	+1	-140	73.53	26.47
48	30	4♣	W	♥K	=	-420	2.94	97.06
49	27	2♥	W	♥K	+2	-170	44.12	55.88
50	29	1♠	W	♥A	+3	-170	44.12	55.88
31	16	3♠	W	♥A	+1	-170	44.12	55.88
32	18	3NT	S	♣Q	-2	-200	17.65	82.35
33	20	4♣	W	♥A	-1	50	94.12	5.88
34	17	2♠	W	♥K	+1	-140	73.53	26.47
24	19	1♠	W	♥K	+3	-170	44.12	55.88
41	21	3♦	S	♣K	-2	-200	17.65	82.35
42	23	2♠	W	♥K	+2	-170	44.12	55.88
43	25	1♠	W	♥A	+2	-140	73.53	26.47
44	22	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**13** ♠1094  
♥QJ10842  
♦642  
♣2

All / N

♠QJ2  
♥K975  
♦KJ98  
♣63

♠A7653  
♥3  
♦AQ107  
♣754

♠K8  
♥A6  
♦53  
♣AKQJ1098

NT ♠ ♥ ♦ ♣

N	7	4	8	4	8
S	7	5	8	4	8

NT ♠ ♥ ♦ ♣

W	5	8	4	9	4
E	5	8	4	9	5

Minimax: 2♠ W -110

**14** ♠7542  
♥Q98  
♦Q2  
♣Q1043

None / E

♠K93  
♥A10754  
♦654  
♣K8

♠AQJ86  
♥6  
♦AK108  
♣965

♠10  
♥KJ32  
♦J973  
♣AJ72

NT ♠ ♥ ♦ ♣

N	5	7	3	5	6
S	5	7	3	5	6

NT ♠ ♥ ♦ ♣

W	8	5	8	7	7
E	8	5	8	7	7

Minimax: 2NT W -120

**15** ♠AKJ8  
♥106  
♦KQ103  
♣AJ5

NS / S

♠10963  
♥AQ9753  
♦6  
♣Q3

♠Q75  
♥KJ  
♦AJ87  
♣K964

♠42  
♥842  
♦9542  
♣10872

NT ♠ ♥ ♦ ♣

N	7	11	6	11	11
S	12	12	6	12	12

NT ♠ ♥ ♦ ♣

W	1	1	7	1	1
E	1	1	7	1	1

Minimax: 7♥x E +1400

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	40	4♥X	S	♠Q	-1	-200	14.71	85.29
12	37	4♣	S	♠Q	-1	-100	41.18	58.82
13	39	5♣	S	♦8	-2	-200	14.71	85.29
14	36	3NT	S	♠Q	=	600	88.24	11.76
15	38	5♦	S	♠Q	-2	-200	14.71	85.29
46	30	3♣	S	♠Q	=	110	58.82	41.18
47	27	3NT	S	♠Q	=	600	88.24	11.76
48	29	4♣	E	♣A	-2	200	70.59	29.41
49	26	3NT	S	♦9	=	600	88.24	11.76
50	28	3NT	S	♠Q	=	600	88.24	11.76
31	20	5♣	S	♦8	-3	-300	0.00	100.00
32	17	2NT	S	♠Q	+1	150	64.71	35.29
33	19	4♥	N	♠A	-1	-100	41.18	58.82
34	16	3NT	S	♥5	=	600	88.24	11.76
23	18	4♥	S	♦K	-2	-200	14.71	85.29
41	25	4♥	N	♣5	-1	-100	41.18	58.82
42	22	3♣	S	♠Q	-1	-100	41.18	58.82
43	24	4♥	N	♠A	-1	-100	41.18	58.82
44	21	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	40	3♣	S	♦5	=	140	82.35	17.65
12	37	4♣	S	♥A	-2	-100	17.65	82.35
13	39	4♣X	S	♥A	-3	-500	0.00	100.00
14	36	4♥	W	♦Q	-2	100	55.88	44.12
15	38	4♣	S	♥2	-2	-100	17.65	82.35
46	30	3♣X	S	♦K	-1	-100	17.65	82.35
47	27	3♣	S	♥4	=	140	82.35	17.65
48	29	3♣	S	♦5	=	140	82.35	17.65
49	26	4♣	S	♥A	-1	-50	41.18	58.82
50	28	4♣	S	♠2	-2	-100	17.65	82.35
31	20	4♣	S	♥A	-2	-100	17.65	82.35
32	17	3♣	S	♦5	-1	-50	41.18	58.82
33	19	2♣	S	♦5	=	110	64.71	35.29
34	16	2♣	S	♦6	+1	140	82.35	17.65
23	18	5♥X	W	♠5	-2	300	100.00	0.00
41	25	3♣	S	♦5	-1	-50	41.18	58.82
42	22	5♥	W	♠7	-2	100	55.88	44.12
43	24	3♣	S	♦5	=	140	82.35	17.65
44	21	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	39	6NT	S	♠9	=	1440	97.06	2.94
12	36	4♥X	W	♠A	-3	500	23.53	76.47
13	38	3NT	S	♥7	+3	690	76.47	23.53
14	40	3NT	S	♠9	+2	660	44.12	55.88
15	37	4♣	N	♥7	+1	650	29.41	70.59
46	29	6♦	S	♦6	-3	-300	2.94	97.06
47	26	3NT	S	♥A	+3	690	76.47	23.53
48	28	3NT	S	♣Q	+3	690	76.47	23.53
49	30	3NT	S	♦6	+3	690	76.47	23.53
50	27	6NT	S	♥A	=	1440	97.06	2.94
31	19	3NT	S	♠3	+2	660	44.12	55.88
32	16	6NT	S	♠10	-3	-300	2.94	97.06
33	18	4NT	S	♥A	+2	690	76.47	23.53
34	20	5♣	S	♥A	+1	680	58.82	41.18
22	17	5NT	S	♠3	-2	-200	11.76	88.24
41	24	3NT	S	♥7	+2	660	44.12	55.88
42	21	3♦	S	♥A	+3	170	17.65	82.35
43	23	4NT	S	♠9	+1	660	44.12	55.88
44	25	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**16**  
WE / W

♠94  
♥AQ64  
♦K108  
♣10732

♠65  
♥109852  
♦J5  
♣QJ84

♠QJ  
♥KJ7  
♦A942  
♣AK96

♠AK108732  
♥3  
♦Q763  
♣5

N ♠ ♥ ♦ ♣  
N 8 11 5 8 5  
S 8 11 5 8 5

N ♠ ♥ ♦ ♣  
W 5 2 8 5 8  
E 5 2 8 5 8

Minimax: 4♠ S +450

**17**  
None / N

♠AJ98  
♥Q10  
♦AQ54  
♣K106

♠KQ  
♥KJ954  
♦K62  
♣842

♠765432  
♥A8  
♦9  
♣J753

♠10  
♥7632  
♦J10873  
♣AQ9

N ♠ ♥ ♦ ♣  
N 8 6 7 11 8  
S 8 6 7 11 8

N ♠ ♥ ♦ ♣  
W 4 6 5 2 5  
E 4 6 5 2 5

Minimax: 5♦ S +400

**18**  
NS / E

♠6  
♥QJ86  
♦J105  
♣KQ863

♠AQ8753  
♥A54  
♦  
♣A1074

♠K109  
♥  
♦AKQ98732  
♣92

♠J42  
♥K109732  
♦64  
♣J5

N ♠ ♥ ♦ ♣  
N 8 3 3 11 7  
S 8 3 3 11 7

N ♠ ♥ ♦ ♣  
W 5 10 9 2 6  
E 5 10 9 2 6

Minimax: 5♠x E +100

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	39	4♠	S	♦J	+1	450	76.47	23.53
12	36	3♠	S	♥9	+2	200	50.00	50.00
13	38	3♠	S	♥10	+2	200	50.00	50.00
14	40	5♥X	W	♣4	-3	800	100.00	0.00
15	37	3♥	E	♠A	-1	100	0.00	100.00
46	29	3♠	S	♦J	+1	170	20.59	79.41
47	26	3♠	S	♣8	+2	200	50.00	50.00
48	28	4♠	S	♣Q	+1	450	76.47	23.53
49	30	4♠X	S	♦J	+1	690	91.18	8.82
50	27	3♠	S	♣3	+2	200	50.00	50.00
31	19	3♠	S	♥10	=	140	5.88	94.12
32	16	2♠	S	♥10	+2	170	20.59	79.41
33	18	4♠	S	♣Q	+1	450	76.47	23.53
34	20	4♠X	S	♥9	+1	690	91.18	8.82
22	17	3♠	S	♥10	+2	200	50.00	50.00
41	24	5♥	W	♣4	-2	200	50.00	50.00
42	21	2♠	S	♦J	+2	170	20.59	79.41
43	23	3♠	S	♦J	+1	170	20.59	79.41
44	25	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	38	2♦	S	♠K	+2	130	35.29	64.71
12	40	1NT	N	♠6	+2	150	52.94	47.06
13	37	3♦	S	♠K	+1	130	35.29	64.71
14	39	3NT	N	♠4	=	400	85.29	14.71
15	36	2♠	W	♦A	-1	50	11.76	88.24
46	28	1NT	N	♠6	+3	180	64.71	35.29
47	30	3NT	S	♠K	=	400	85.29	14.71
48	27	1NT	N	♠4	+2	150	52.94	47.06
49	29	3♦	S	♠K	+1	130	35.29	64.71
50	26	2NT	N	♣3	+1	150	52.94	47.06
31	18	3♦	S	♥4	=	110	17.65	82.35
32	20	3NT	N	♠7	=	400	85.29	14.71
33	17	3NT	N	♣6	+1	430	100.00	0.00
34	19	2NT	N	♥A	=	120	23.53	76.47
21	16	3NT	N	♥A	-1	-50	5.88	94.12
41	23	3NT	N	♣3	=	400	85.29	14.71
42	25	3NT	N	♥A	-2	-100	0.00	100.00
43	22	1NT	S	♠6	+4	210	70.59	29.41
44	24	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	38	4NT	S	♠A	-1	-100	17.65	82.35
12	40	4♥	W	♦J	=	-420	5.88	94.12
13	37	5♦X	S	♥A	=	750	82.35	17.65
14	39	5♦	S	♥A	=	600	52.94	47.06
15	36	4♥	W	♠6	+1	-450	0.00	100.00
46	28	5♦	S	♥A	=	600	52.94	47.06
47	30	5♦X	S	♥A	=	750	82.35	17.65
48	27	4♦	S	♥A	+2	170	41.18	58.82
49	29	5♦X	S	♥A	=	750	82.35	17.65
50	26	3NTX	S	♠A	=	750	82.35	17.65
31	18	5♥X	E	♦Q	-1	100	29.41	70.59
32	20	5♦X	S	♥A	=	750	82.35	17.65
33	17	4♥	E	♦K	-1	50	23.53	76.47
34	19	6♦X	S	♥A	-1	-200	11.76	88.24
21	16	5♦X	S	♣A	=	750	82.35	17.65
41	23	3NT	S	♠5	=	600	52.94	47.06
42	25	5♦X	S	♥A	=	750	82.35	17.65
43	22	4♦	S	♠A	+1	150	35.29	64.71
44	24	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**19** ♠65  
♥K  
♦KQJ10985  
♣K94

WE / S

♠Q107  
♥A976542  
♦7  
♣76

♠AK83  
♥J3  
♦32  
♣AQ532

♠J942  
♥Q108  
♦A64  
♣J108

NT ♠ ♥ ♦ ♣

N	6	4	2	7	3
S	6	4	2	7	3
W	6	9	10	5	9
E	6	9	10	5	9

Minimax: 4♥ W -620

**20** ♠QJ863  
♥AQ73  
♦852  
♣4

All / W

♠A742  
♥J102  
♦A74  
♣1062

♠K10  
♥5  
♦KQ963  
♣AJ953

♠95  
♥K9864  
♦J10  
♣KQ87

NT ♠ ♥ ♦ ♣

N	5	7	8	3	4
S	5	6	8	3	4
W	8	6	5	10	9
E	8	6	5	10	9

Minimax: 3♦ W -130

**21** ♠KJ1074  
♥K8  
♦J9  
♣A982

NS / N

♠A862  
♥Q10642  
♦3  
♣643

♠5  
♥AJ973  
♦Q10762  
♣KJ

♠Q93  
♥5  
♦AK854  
♣Q1075

NT ♠ ♥ ♦ ♣

N	8	7	8	8	7
S	8	8	9	8	7
W	5	5	4	5	5
E	5	5	4	5	5

Minimax: 1♥ S +140

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	37	4♦	N	♠K	-1	-50	79.41	20.59
12	39	5♦X	N	♠A	-1	-100	67.65	32.35
13	36	4♥	E	♦A	=	-620	26.47	73.53
14	38	4♦	N	♠A	=	130	100.00	0.00
15	40	4♥	W	♦K	=	-620	26.47	73.53
46	27	3♦	N	♠K	=	110	91.18	8.82
47	29	5♦X	N	♠A	-3	-500	41.18	58.82
48	26	3♦	N	♠A	=	110	91.18	8.82
49	28	3♥	W	♦K	+2	-200	55.88	44.12
50	30	3NT	S	♠10	-1	-50	79.41	20.59
31	17	5♦	N	♠A	-2	-100	67.65	32.35
32	19	4♠X	S	♥A	-5	-1100	0.00	100.00
33	16	5♦	N	♠A	-4	-200	55.88	44.12
34	18	5♦X	N	♠K	-2	-300	47.06	52.94
25	20	4♥	W	♦K	=	-620	26.47	73.53
41	22	4♥	W	♦A	+1	-650	11.76	88.24
42	24	4♥	W	♦K	=	-620	26.47	73.53
43	21	4♥X	W	♦K	=	-790	5.88	94.12
44	23	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	37	4♣	E	♥6	-3	300	91.18	8.82
12	39	5♣	E	♥6	-4	400	100.00	0.00
13	36	4♥X	S	♣6	-2	-500	0.00	100.00
14	38	3♥	S	♦A	=	140	76.47	23.53
15	40	5♦	W	♥A	-1	100	64.71	35.29
46	27	3♦	W	♣4	+1	-130	23.53	76.47
47	29	3♦	E	♣4	+1	-130	23.53	76.47
48	26	3♥	S	♦7	-1	-100	50.00	50.00
49	28	3♥X	S	♣6	-1	-200	8.82	91.18
50	30	3NT	E	♥6	-1	100	64.71	35.29
31	17	2♦	E	♠5	+2	-130	23.53	76.47
32	19	3♥	S	♥J	-1	-100	50.00	50.00
33	16	3♠	W	♥A	-3	300	91.18	8.82
34	18	4♣	E	♠5	-1	100	64.71	35.29
25	20	3♥X	S	♣6	-1	-200	8.82	91.18
41	22	3♦	W	♠Q	=	-110	38.24	61.76
42	24	2♣	E	♦J	+1	-110	38.24	61.76
43	21	3♣	E	♥9	-2	200	82.35	17.65
44	23	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	21	2♥	N	♦K	-1	-100	23.53	76.47
12	23	3NT	N	♣5	-1	-100	23.53	76.47
13	25	3♣X	E	♠5	-4	800	99.63	0.37
14	22	2♦X	E	♠5	-2	300	86.40	13.60
15	24	2♥	S	♦3	-1	-100	23.53	76.47
26	36	4♥X	S	♦3	-1	-200	6.99	93.01
27	38	2NT	E	♠5	-3	150	76.47	23.53
28	40	3♥	S	♦3	-1	-100	23.53	76.47
29	37	2♥	S	♦3	=	110	43.38	56.62
30	39	3NT	S	♥4	=	600	93.01	6.99
31	46	2♥	S	♦3	+1	140	63.24	36.76
32	48	3NT	N	♣5	-3	-300	0.37	99.63
33	50	3♣	E	♠5	-3	150	76.47	23.53
34	47	2NT	S	♦3	=	120	53.31	46.69
19	49	APP					60.00	60.00
41	16	2♥	S	♦3	=	110	43.38	56.62
42	18	3♥	S	♦3	=	140	63.24	36.76
43	20	APM					60.00	40.00
44	17	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**22** ♠K943  
♥109543  
♦83  
♣J2

WE / E

♠J87  
♥AK87  
♦K642  
♣Q3

♠A  
♥J6  
♦J10975  
♣98754

♠Q10652  
♥Q2  
♦AQ  
♣AK106

NT ♠ ♥ ♦ ♣

N 6 9 7 4 7  
S 8 9 7 4 7

W 5 3 5 9 6  
E 5 4 5 9 6

Minimax: 3♠ S +140

**23** ♠6  
♥K9754  
♦76  
♣A8742

All / S

♠A52  
♥A102  
♦85  
♣KQJ65

♠K10843  
♥8  
♦KQJ32  
♣103

♠QJ97  
♥QJ63  
♦A1094  
♣9

NT ♠ ♥ ♦ ♣

N 6 4 8 4 5  
S 6 4 8 4 5

W 7 9 4 7 8  
E 7 9 4 8 8

Minimax: 2♠ W -140

**24** ♠Q1076  
♥KQJ107  
♦7  
♣1064

None / W

♠432  
♥4  
♦AJ1053  
♣AK83

♠A95  
♥953  
♦Q86  
♣QJ72

♠KJ8  
♥A862  
♦K942  
♣95

NT ♠ ♥ ♦ ♣

N 3 6 9 3 2  
S 3 6 9 3 2

W 8 5 4 10 11  
E 8 5 4 10 11

Minimax: 5♥x S -300

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	21	3♠	S	♥K	=	140	82.35	17.65
12	23	3♠	S	♥K	=	140	82.35	17.65
13	25	2♥	S	♣Q	=	110	55.88	44.12
14	22	2♠	S	♠7	+1	140	82.35	17.65
15	24	2♠	S	♥A	=	110	55.88	44.12
26	36	4♠	S	♥K	-1	-50	32.35	67.65
27	38	1♠	S	♥A	+2	140	82.35	17.65
28	40	3♣	S	♥A	-1	-50	32.35	67.65
29	37	3♠	S	♥K	=	140	82.35	17.65
30	39	4♠X	S	♥K	-1	-100	8.82	91.18
31	46	4♦X	W	♠3	=	-710	0.00	100.00
32	48	4♠	S	♥A	-1	-50	32.35	67.65
33	50	3♠	S	♥K	=	140	82.35	17.65
34	47	4♠	S	♥A	-1	-50	32.35	67.65
19	49	4♠	S	♠8	-2	-100	8.82	91.18
41	16	4♠	S	♥A	-1	-50	32.35	67.65
42	18	3♠	S	♥K	=	140	82.35	17.65
43	20	4♠	S	♠7	-1	-50	32.35	67.65
44	17	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	25	4♠	E	♥Q	-3	300	85.29	14.71
12	22	3NT	W	♣4	-2	200	73.53	26.47
13	24	4♠	E	♣9	-1	100	50.00	50.00
14	21	4♠	E	♥Q	-3	300	85.29	14.71
15	23	4♠	E	♦A	-1	100	50.00	50.00
26	40	2♠	E	♣9	+1	-140	20.59	79.41
27	37	3♠	E	♣9	=	-140	20.59	79.41
28	39	4♥X	N	♦K	-2	-500	0.00	100.00
29	36	4♠	E	♦A	-1	100	50.00	50.00
30	38	4♥	N	♦K	=	620	100.00	0.00
31	50	4♠	W	♦7	-1	100	50.00	50.00
32	47	2♠	E	♣9	+1	-140	20.59	79.41
33	49	4♠	E	♥Q	-2	200	73.53	26.47
34	46	4♥X	N	♦K	-1	-200	5.88	94.12
18	48	4♠	W	♦6	-1	100	50.00	50.00
41	20	3NTX	W	♦6	-2	500	94.12	5.88
42	17	3♠	E	♣9	=	-140	20.59	79.41
43	19	4♠	E	♥Q	-1	100	50.00	50.00
44	16	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	25	3♥	N	♥3	=	140	76.47	23.53
12	22	4♦X	W	♥K	-1	100	47.06	52.94
13	24	4♣	W	♥K	-1	50	41.18	58.82
14	21	3♥	N	♦Q	=	140	76.47	23.53
15	23	3♥	N	♥5	=	140	76.47	23.53
26	40	3♣	W	♥K	+2	-150	2.94	97.06
27	37	3♥	N	♣Q	=	140	76.47	23.53
28	39	4♥	N	♦Q	-1	-50	29.41	70.59
29	36	3♥	S	♥5	=	140	76.47	23.53
30	38	3♥	N	♦Q	=	140	76.47	23.53
31	50	3♣	W	♥K	+1	-130	11.76	88.24
32	47	4♥	N	♣Q	-1	-50	29.41	70.59
33	49	4♥X	N	♥3	-1	-100	17.65	82.35
34	46	4♥	N	♦8	-1	-50	29.41	70.59
18	48	3♥	N	♣Q	=	140	76.47	23.53
41	20	3♥	N	♥5	=	140	76.47	23.53
42	17	2♣	W	♥K	+3	-150	2.94	97.06
43	19	3♥	N	♦8	=	140	76.47	23.53
44	16	ARB					0.00	60.00
45	35	ARB					0.00	0.00



**25**  
WE / N

♠A975  
♥K7  
♦87  
♣K9832

♠KQ106  
♥10863  
♦J2  
♣J104

♠8  
♥AJ4  
♦AQ63  
♣AQ765

♠J432  
♥Q952  
♦K10954  
♣

NT ♠ ♥ ♦ ♣

N 3 7 5 5 5  
S 3 7 4 5 5

W 9 5 8 8 8  
E 9 6 8 8 8

Minimax: 4♠x S -500

**26**  
All / E

♠109874  
♥1095  
♦975  
♣107

♠Q52  
♥KQJ42  
♦KJ4  
♣92

♠AKJ63  
♥7  
♦Q10  
♣AQ654

NT ♠ ♥ ♦ ♣

N 3 8 1 1 5  
S 3 8 1 1 5

W 7 5 12 12 6  
E 10 5 12 12 8

Minimax: 6♠x S -1100

**27**  
None / S

♠KJ2  
♥J63  
♦  
♣AJ86542

♠83  
♥A109542  
♦Q9  
♣Q109

♠Q754  
♥8  
♦KJ10753  
♣73

♠A1096  
♥KQ7  
♦A8642  
♣K

NT ♠ ♥ ♦ ♣

N 4 4 3 6 8  
S 4 4 3 6 8

W 9 6 10 6 5  
E 9 6 10 6 5

Minimax: 4♥ W -420

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	24	3NT	W	♠5	=	-600	17.65	82.35
12	21	2♣	E	♠4	=	-90	55.88	44.12
13	23	3NT	W	♠5	+1	-630	5.88	94.12
14	25	2♣	N	♠8	-3	-150	44.12	55.88
15	22	2♦X	S	♠K	-3	-500	23.53	76.47
26	39	3NT	E	♦5	+1	-630	5.88	94.12
27	36	2♠	N	♠8	-1	-50	67.65	32.35
28	38	4♣X	E	♠2	-2	500	100.00	0.00
29	40	2♣	N	♠8	-4	-200	35.29	64.71
30	37	3♣	E	♠2	-1	100	82.35	17.65
31	49	2♥	W	♦8	-1	100	82.35	17.65
32	46	2♠	N	♥A	-1	-50	67.65	32.35
33	48	3NT	E	♦5	+1	-630	5.88	94.12
34	50	3♠	S	♣J	-5	-250	29.41	70.59
17	47	2♣	N	♠8	-3	-150	44.12	55.88
41	19	3♣	E	♠4	-1	100	82.35	17.65
42	16	4♥	W	♣2	-2	200	94.12	5.88
43	18	2♣	E	♠2	=	-90	55.88	44.12
44	20	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	24	5♠X	S	♥A	-3	-800	23.53	76.47
12	21	4♠	S	♥A	-1	-100	88.24	11.76
13	23	4♠X	S	♥A	-2	-500	73.53	26.47
14	25	4♠	N	♥K	-2	-200	82.35	17.65
15	22	6♥	E	♣A	=	-1430	0.00	100.00
26	39	5♥X	E	♠A	+1	-1050	5.88	94.12
27	36	4♥	E	♠A	+2	-680	44.12	55.88
28	38	5♠X	N	♥K	-3	-800	23.53	76.47
29	40	5♥	E	♠K	+1	-680	44.12	55.88
30	37	5♠X	N	♥K	-3	-800	23.53	76.47
31	49	5♥X	E	♠A	=	-850	11.76	88.24
32	46	5♥	E	♠K	-1	100	97.06	2.94
33	48	4♥	E	♠K	+1	-650	61.76	38.24
34	50	6♥	E	♠K	-1	100	97.06	2.94
17	47	4♥	E	♠K	+1	-650	61.76	38.24
41	19	5♥	E	♠K	+1	-680	44.12	55.88
42	16	4♠X	S	♥A	-2	-500	73.53	26.47
43	18	4♥	E	♠K	+2	-680	44.12	55.88
44	20	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	23	3♥	E	♣7	=	-140	82.35	17.65
12	25	4♥	E	♥8	=	-420	29.41	70.59
13	22	4♥	W	♣A	=	-420	29.41	70.59
14	24	3♥	W	♣A	=	-140	82.35	17.65
15	21	3♥	W	♣A	=	-140	82.35	17.65
26	38	3♥	E	♣7	+2	-200	70.59	29.41
27	40	5♣X	N	♥K	-2	-300	58.82	41.18
28	37	4♥	E	♣3	=	-420	29.41	70.59
29	39	4♥	E	♣3	-1	50	97.06	2.94
30	36	4♥	W	♣A	=	-420	29.41	70.59
31	48	4♥	E	♣3	+1	-450	5.88	94.12
32	50	5♣X	N	♥K	-2	-300	58.82	41.18
33	47	4♥	W	♣A	=	-420	29.41	70.59
34	49	6♣X	N	♥K	-4	-800	0.00	100.00
16	46	5♣X	N	♥K	-2	-300	58.82	41.18
41	18	4♥	W	♣A	=	-420	29.41	70.59
42	20	4♥	W	♣A	=	-420	29.41	70.59
43	17	5♥	W	♣A	-1	50	97.06	2.94
44	19	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**28** ♠10874  
♥52  
♦AKQ2  
♣J97

NS / W

♠AJ65  
♥Q87  
♦93  
♣KQ85

♠3  
♥KJ43  
♦J1085  
♣A432

♠KQ92  
♥A1096  
♦764  
♣106

NT ♠ ♥ ♦ ♣

N	5	7	5	6	4
S	5	7	5	6	4

NT ♠ ♥ ♦ ♣

W	8	6	8	7	9
E	8	6	8	7	9

Minimax: 1NT W -120

**29** ♠QJ2  
♥5  
♦KJ10876  
♣J108

All / N

♠987  
♥632  
♦A953  
♣A43

♠A64  
♥AQJ874  
♦2  
♣652

♠K1053  
♥K109  
♦Q4  
♣KQ97

NT ♠ ♥ ♦ ♣

N	5	8	5	9	8
S	5	8	5	9	8

NT ♠ ♥ ♦ ♣

W	7	5	8	4	5
E	7	5	8	4	5

Minimax: 2♠ S +110

**30** ♠J104  
♥J854  
♦J  
♣K9873

None / E

♠Q965  
♥KQ  
♦952  
♣AJ52

♠AK87  
♥A763  
♦Q874  
♣Q

NT ♠ ♥ ♦ ♣

N	4	3	4	4	5
S	4	3	4	4	5

NT ♠ ♥ ♦ ♣

W	9	10	9	8	8
E	9	10	9	9	8

Minimax: 4♠ W -420

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	23	1NT	E	♦6	+2	-150	14.71	85.29
12	25	1NT	E	♠K	=	-90	88.24	11.76
13	22	1NT	E	♠K	+1	-120	47.06	52.94
14	24	1NT	E	♦6	+1	-120	47.06	52.94
15	21	2♣	W	♦A	+1	-110	70.59	29.41
26	38	1NT	E	♠K	+1	-120	47.06	52.94
27	40	1NT	E	♥6	+2	-150	14.71	85.29
28	37	3♠	S	♥K	-2	-200	0.00	100.00
29	39	1NT	E	♣10	=	-90	88.24	11.76
30	36	2♠	N	♥3	-1	-100	76.47	23.53
31	48	1NT	E	♦6	+2	-150	14.71	85.29
32	50	1NT	E	♦6	+1	-120	47.06	52.94
33	47	1NT	E	♦6	+1	-120	47.06	52.94
34	49	1NT	E	♦7	+2	-150	14.71	85.29
16	46	1NT	E	♦7	+1	-120	47.06	52.94
41	18	1NT	E	♦6	+1	-120	47.06	52.94
42	20	2♥	E	♣10	-1	50	100.00	0.00
43	17	1NT	E	♠Q	=	-90	88.24	11.76
44	19	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	22	3♠	N	♥A	-1	-100	20.59	79.41
12	24	2♥	E	♣Q	=	-110	8.82	91.18
13	21	3♥	E	♦Q	-2	200	94.12	5.88
14	23	3♦	N	♣5	=	110	79.41	20.59
15	25	3♥	E	♦Q	-1	100	50.00	50.00
26	37	3♥	E	♦Q	-1	100	50.00	50.00
27	39	3♥	E	♦Q	-1	100	50.00	50.00
28	36	3♥	E	♦Q	-1	100	50.00	50.00
29	38	4♥	E	♣K	-2	200	94.12	5.88
30	40	3♠	N	♦2	-1	-100	20.59	79.41
31	47	2♥	E	♦Q	=	-110	8.82	91.18
32	49	3♥	E	♦Q	-1	100	50.00	50.00
33	46	3♦	N	♥A	=	110	79.41	20.59
34	48	3♥	E	♦Q	-1	100	50.00	50.00
20	50	3♥	E	♦Q	=	-140	0.00	100.00
41	17	4♥	W	♠Q	-2	200	94.12	5.88
42	19	4♥	E	♦Q	-1	100	50.00	50.00
43	16	3♥	E	♦Q	-1	100	50.00	50.00
44	18	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	22	4♠	W	♦J	=	-420	50.00	50.00
12	24	4♠	E	♦A	=	-420	50.00	50.00
13	21	4♠	W	♦J	=	-420	50.00	50.00
14	23	4♠	W	♦J	=	-420	50.00	50.00
15	25	4♠	W	♦J	=	-420	50.00	50.00
26	37	4♠	E	♦A	=	-420	50.00	50.00
27	39	4♠	W	♦J	=	-420	50.00	50.00
28	36	4♠	E	♥4	+1	-450	5.88	94.12
29	38	4♠	W	♦J	=	-420	50.00	50.00
30	40	4♠	W	♦J	=	-420	50.00	50.00
31	47	4♠	W	♦J	=	-420	50.00	50.00
32	49	4♠	W	♦J	+2	-480	0.00	100.00
33	46	4♠	W	♦J	=	-420	50.00	50.00
34	48	4♠	W	♦J	=	-420	50.00	50.00
20	50	4♠	W	♦J	-1	50	97.06	2.94
41	17	4♠	W	♦J	-1	50	97.06	2.94
42	19	4♠	W	♦J	=	-420	50.00	50.00
43	16	4♠	W	♦J	=	-420	50.00	50.00
44	18	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**1** ♠2  
♥J10932  
♦AQ94  
♣J97

None / N

♠AQ65  
♥75  
♦7632  
♣K108

♠KJ97  
♥Q4  
♦1085  
♣6542

NT ♠ ♥ ♦ ♣

N 9 7 12 9 8  
S 9 7 12 9 9

W 3 6 1 3 4  
E 3 6 1 3 4

Minimax: 6♥S +980

**2** ♠AJ6  
♥K  
♦QJ76432  
♣109

NS / E

♠KQ2  
♥Q832  
♦108  
♣7542

♠94  
♥J1097  
♦AK95  
♣J63

NT ♠ ♥ ♦ ♣

N 10 12 8 10 9  
S 9 12 8 10 9

W 3 1 5 3 4  
E 3 1 5 3 4

Minimax: 6♣S +1430

**3** ♠AKQ65  
♥84  
♦1076  
♣A76

WE / S

♠10  
♥AKQ103  
♦J854  
♣Q108

♠J8432  
♥J97  
♦3  
♣KJ53

NT ♠ ♥ ♦ ♣

N 7 7 4 8 5  
S 7 7 4 8 5

W 6 6 8 5 8  
E 6 6 8 5 8

Minimax: 2♠x N -100

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	46	4♥	S	♥5	+2	480	55.88	44.12
12	48	4♥	S	♥7	+2	480	55.88	44.12
13	50	4♥	S	♥5	+2	480	55.88	44.12
14	47	4♥	S	♦6	+2	480	55.88	44.12
15	49	4♥	S	♦3	+1	450	2.94	97.06
16	26	4♥	S	♠A	+2	480	55.88	44.12
17	28	4♥	N	♠7	+2	480	55.88	44.12
18	30	4♥	S	♦6	+2	480	55.88	44.12
19	27	4♥	S	♦6	+2	480	55.88	44.12
20	29	4♥	S	♥5	+1	450	2.94	97.06
31	21	4♥	S	♦6	+2	480	55.88	44.12
32	23	4♥	S	♦6	+2	480	55.88	44.12
33	25	4♥	S	♥5	+2	480	55.88	44.12
34	22	4♥	S	♦6	+2	480	55.88	44.12
39	24	4♥	S	♥5	+2	480	55.88	44.12
41	36	4♥	S	♦6	+2	480	55.88	44.12
42	38	4♥	S	♣8	+2	480	55.88	44.12
43	40	4♥	S	♦6	+2	480	55.88	44.12
44	37	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	46	4♠	S	♦8	+1	650	73.53	26.47
12	48	4♠	S	♦10	=	620	29.41	70.59
13	50	4♠	S	♥2	+1	650	73.53	26.47
14	47	4♠	S	♦10	+1	650	73.53	26.47
15	49	4♠	S	♣6	=	620	29.41	70.59
16	26	4♠	S	♣7	=	620	29.41	70.59
17	28	6♠	S	♦10	=	1430	100.00	0.00
18	30	4♠	S	♣5	=	620	29.41	70.59
19	27	6♠	S	♥2	-1	-100	0.00	100.00
20	29	4♠	S	♦10	+1	650	73.53	26.47
31	21	4♠	S	♦10	=	620	29.41	70.59
32	23	4♠	N	♥2	+1	650	73.53	26.47
33	25	4♠	S	♦10	+1	650	73.53	26.47
34	22	4♠	S	♣5	=	620	29.41	70.59
39	24	4♠	S	♣5	=	620	29.41	70.59
41	36	3♠	S	♥2	+2	200	5.88	94.12
42	38	4♠	S	♥7	+1	650	73.53	26.47
43	40	4♠	S	♣5	+1	650	73.53	26.47
44	37	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	50	3♥	W	♠K	=	-140	32.35	67.65
12	47	3♦	S	♥A	-1	-50	73.53	26.47
13	49	3♦	S	♥K	-2	-100	52.94	47.06
14	46	2♥	W	♠K	+2	-170	17.65	82.35
15	48	3♦x	S	♥A	-1	-100	52.94	47.06
16	30	2♥	W	♠A	+1	-140	32.35	67.65
17	27	1NT	S	♥A	+1	120	94.12	5.88
18	29	3♠x	S	♥9	-2	-300	8.82	91.18
19	26	2♦	S	♥K	+2	130	100.00	0.00
20	28	2♠	N	♥J	-1	-50	73.53	26.47
31	25	4♦x	S	♥A	-2	-300	8.82	91.18
32	22	2♠	N	♥9	-1	-50	73.53	26.47
33	24	3♥	W	♠K	=	-140	32.35	67.65
34	21	4♥	W	♠K	-1	100	88.24	11.76
38	23	4♥	W	♠A	=	-620	0.00	100.00
41	40	2♥	W	♠K	+1	-140	32.35	67.65
42	37	3♠	N	♥9	-2	-100	52.94	47.06
43	39	2♠	N	♥J	-1	-50	73.53	26.47
44	36	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**4**  
All / W

♠J1053  
♥A94  
♦97654  
♣K

♠Q942  
♥KQ103  
♦3  
♣10763

♠A6  
♥J8762  
♦KQ  
♣8542

♠K87  
♥5  
♦AJ1082  
♣AQJ9

N ♠ ♥ ♦ ♣  
N 7 9 7 11 7  
S 7 9 7 11 7

N ♠ ♥ ♦ ♣  
W 4 4 6 2 4  
E 4 4 6 2 4

Minimax: 5♦ S +600

**5**  
NS / N

♠K106  
♥87642  
♦J92  
♣65

♠A742  
♥A9  
♦A43  
♣J843

♠QJ3  
♥K1053  
♦K75  
♣AK10

♠985  
♥QJ  
♦Q1086  
♣Q972

N ♠ ♥ ♦ ♣  
N 2 2 3 3 2  
S 2 2 3 3 2

N ♠ ♥ ♦ ♣  
W 11 11 10 10 11  
E 11 11 10 10 11

Minimax: 3NT W -460

**6**  
WE / E

♠72  
♥AJ85  
♦Q63  
♣Q1096

♠KJ943  
♥7  
♦J74  
♣AK32

♠AQ65  
♥642  
♦AK8  
♣J87

♠108  
♥KQ1093  
♦10952  
♣54

N ♠ ♥ ♦ ♣  
N 4 2 7 5 4  
S 4 2 7 5 4

N ♠ ♥ ♦ ♣  
W 8 11 6 8 9  
E 8 11 6 7 9

Minimax: 4♣ W -650

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	50	3♦	S	♥6	+2	150	55.88	44.12
12	47	2♦	S	♥6	+3	150	55.88	44.12
13	49	3♦	S	♥6	+2	150	55.88	44.12
14	46	3♦	S	♥6	+2	150	55.88	44.12
15	48	4♥	E	♦A	-2	200	94.12	5.88
16	30	2♦	S	♣5	+3	150	55.88	44.12
17	27	3♦	S	♠A	+2	150	55.88	44.12
18	29	4♦	S	♥8	+1	150	55.88	44.12
19	26	3♦	S	♥8	+2	150	55.88	44.12
20	28	3♦	S	♠A	+2	150	55.88	44.12
31	25	3NT	N	♥Q	-1	-100	8.82	91.18
32	22	3♠	N	♥K	-1	-100	8.82	91.18
33	24	4♦	S	♦Q	+1	150	55.88	44.12
34	21	3NT	N	♥K	-2	-200	0.00	100.00
38	23	4♦	S	♥6	=	130	17.65	82.35
41	40	5♦	S	♥6	=	600	100.00	0.00
42	37	3♦	S	♥8	+2	150	55.88	44.12
43	39	4♦	S	♥6	+1	150	55.88	44.12
44	36	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	49	3NT	W	♣6	+2	-460	38.24	61.76
12	46	3NT	W	♦9	+1	-430	73.53	26.47
13	48	3NT	W	♦9	+2	-460	38.24	61.76
14	50	3NT	W	♥7	+2	-460	38.24	61.76
15	47	3NT	W	♥4	+2	-460	38.24	61.76
16	29	3NT	E	♦6	+2	-460	38.24	61.76
17	26	2NT	W	♥7	+2	-180	94.12	5.88
18	28	3NT	E	♦6	+2	-460	38.24	61.76
19	30	3NT	W	♥7	+3	-490	2.94	97.06
20	27	3NT	W	♥4	+2	-460	38.24	61.76
31	24	3NT	E	♣7	+2	-460	38.24	61.76
32	21	2NT	W	♥7	+3	-210	88.24	11.76
33	23	3NT	W	♣5	+2	-460	38.24	61.76
34	25	3NT	W	♣5	+3	-490	2.94	97.06
37	22	6NT	W	♦2	-1	50	100.00	0.00
41	39	3NT	W	♥7	=	-400	82.35	17.65
42	36	3NT	W	♦2	+1	-430	73.53	26.47
43	38	3NT	W	♦9	+2	-460	38.24	61.76
44	40	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	49	4♣	E	♥K	=	-620	41.18	58.82
12	46	4♣	E	♥K	=	-620	41.18	58.82
13	48	4♣	E	♥K	+1	-650	0.00	100.00
14	50	5♣	E	♥K	-1	100	88.24	11.76
15	47	4♣	E	♦10	=	-620	41.18	58.82
16	29	4♣	E	♥K	=	-620	41.18	58.82
17	26	4♣	E	♥Q	=	-620	41.18	58.82
18	28	4♣	E	♥K	=	-620	41.18	58.82
19	30	4♣	E	♥K	=	-620	41.18	58.82
20	27	4♣	E	♥K	=	-620	41.18	58.82
31	24	4♣	E	♥K	=	-620	41.18	58.82
32	21	1♠	E	♥K	+3	-170	82.35	17.65
33	23	4♣	E	♥K	=	-620	41.18	58.82
34	25	4♣	E	♥Q	=	-620	41.18	58.82
37	22	6♣	W	♥K	-2	200	97.06	2.94
41	39	4♣	W	♥K	=	-620	41.18	58.82
42	36	6♣	E	♥K	-2	200	97.06	2.94
43	38	4♣	E	♥K	=	-620	41.18	58.82
44	40	ARB					0.00	60.00
45	35	ARB					0.00	0.00

**7**  
All / S

♠1075  
♥QJ43  
♦763  
♣K94

♠A6  
♥K97  
♦AQ95  
♣AQ73

♠Q2  
♥10652  
♦K102  
♣J1086

♠KJ9843  
♥A8  
♦J84  
♣52

N ♠ ♥ ♦ ♣  
N 4 7 4 4 3  
S 4 7 4 4 3

N ♠ ♥ ♦ ♣  
W 7 6 8 9 9  
E 9 6 8 9 10

Minimax: 3NT E -600

**8**  
None / W

♠J109542  
♥J4  
♦4  
♣8765

♠3  
♥A1085  
♦Q6532  
♣AK4

♠AQ87  
♥KQ6  
♦KJ109  
♣J9

♠K6  
♥9732  
♦A87  
♣Q1032

N ♠ ♥ ♦ ♣  
N 5 9 4 5 5  
S 5 9 4 5 5

N ♠ ♥ ♦ ♣  
W 6 4 9 8 7  
E 7 4 9 8 8

Minimax: 4♥x E +100

**9**  
WE / N

♠AJ8  
♥1096  
♦AK96  
♣K96

♠532  
♥A32  
♦107  
♣A5432

♠74  
♥Q84  
♦QJ83  
♣J1087

♠KQ1096  
♥KJ75  
♦542  
♣Q

N ♠ ♥ ♦ ♣  
N 6 5 5 7 7  
S 6 5 5 7 7

N ♠ ♥ ♦ ♣  
W 5 8 8 4 6  
E 5 8 8 4 6

Minimax: 2♥ W -110

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	48	4♥	W	♠7	-4	400	97.06	2.94
12	50	3NT	W	♠7	-3	300	64.71	35.29
13	47	4♥	E	♣5	-2	200	26.47	73.53
14	49	2NT	W	♠7	-3	300	64.71	35.29
15	46	3NT	W	♠10	-3	300	64.71	35.29
16	28	3NT	W	♠10	-3	300	64.71	35.29
17	30	3♥	W	♠5	-3	300	64.71	35.29
18	27	2NT	E	♠8	+1	-150	5.88	94.12
19	29	3NT	W	♠7	-3	300	64.71	35.29
20	26	3NT	W	♠10	-4	400	97.06	2.94
31	23	3NT	W	♠7	-3	300	64.71	35.29
32	25	4♥	E	♣2	-2	200	26.47	73.53
33	22	4♥	E	♦8	-2	200	26.47	73.53
34	24	3NT	W	♠5	-3	300	64.71	35.29
36	21	2♠	N	♣J	+1	140	11.76	88.24
41	38	2NT	W	♠7	-2	200	26.47	73.53
42	40	3NT	E	♠4	=	-600	0.00	100.00
43	37	3NT	W	♠7	-3	300	64.71	35.29
44	39	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	48	4♣X	N	♦A	-1	-100	38.24	61.76
12	50	3♥	E	♣J	+1	-170	8.82	91.18
13	47	4♥X	E	♣J	=	-590	0.00	100.00
14	49	4♣X	N	♥5	-1	-100	38.24	61.76
15	46	2♠	S	♣A	+1	140	76.47	23.53
16	28	4♦X	W	♠J	-2	300	100.00	0.00
17	30	4♥	W	♦4	-2	100	61.76	38.24
18	27	4♠	S	♣A	-2	-100	38.24	61.76
19	29	3♠	N	♥7	+1	170	91.18	8.82
20	26	2♠	N	♦A	+1	140	76.47	23.53
31	23	2♥	E	♣J	+1	-140	20.59	79.41
32	25	3♥	E	♣J	=	-140	20.59	79.41
33	22	4♥	E	♣J	-1	50	52.94	47.06
34	24	4♥	W	♠J	-2	100	61.76	38.24
36	21	2♠	N	♦A	+2	170	91.18	8.82
41	38	3♠	N	♦A	=	140	76.47	23.53
42	40	4♣X	N	♦A	-1	-100	38.24	61.76
43	37	2♥	E	♣J	+2	-170	8.82	91.18
44	39	ARB					0.00	60.00
45	35	ARB					0.00	0.00

NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	47	3♦	N	♣Q	-2	-100	52.94	47.06
12	49	2♠	E	♦Q	+1	-140	14.71	85.29
13	46	3♦	N	♣Q	=	110	82.35	17.65
14	48	3♠	E	♦Q	=	-140	14.71	85.29
15	50	2♥	W	♦A	+1	-140	14.71	85.29
16	27	1NT	N	♠K	+2	150	97.06	2.94
17	29	2♠	E	♦Q	+1	-140	14.71	85.29
18	26	1NT	N	♠K	+2	150	97.06	2.94
19	28	2NT	N	♠Q	-1	-50	64.71	35.29
20	30	1♥	W	♥10	-1	100	76.47	23.53
31	22	2♠	E	♦Q	+1	-140	14.71	85.29
32	24	2♥	W	♦K	=	-110	41.18	58.82
33	21	1NT	N	♠K	+1	120	88.24	11.76
34	23	1NT	N	♠K	-1	-50	64.71	35.29
40	25	2♠	E	♦8	=	-110	41.18	58.82
41	37	3♦	N	♣Q	-1	-50	64.71	35.29
42	39	2♠	E	♣J	=	-110	41.18	58.82
43	36	2♠	E	♣J	+1	-140	14.71	85.29
44	38	ARB					0.00	60.00
45	35	ARB					0.00	0.00

10  
All / E

♠J6  
♥7543  
♦10764  
♣J32

♠K10  
♥K10982  
♦AK8  
♣AQ7

♠A53  
♥6  
♦J93  
♣K109865

♠Q98742  
♥AQJ  
♦Q52  
♣4

NT ♠ ♥ ♦ ♣

N	1	1	1	2	5
S	1	1	1	2	5

NT ♠ ♥ ♦ ♣

W	12	12	12	11	8
E	12	12	12	11	8

Minimax: 6NT W -1440



NS	WE	Ko	Ro	Wi	Lew	Zap	Wyn	
							NS	WE
11	47	6♥	W	♦6	=	-1430	47.06	52.94
12	49	6NT	W	♦7	=	-1440	8.82	91.18
13	46	6♥	W	♣3	=	-1430	47.06	52.94
14	48	6NT	W	♠J	=	-1440	8.82	91.18
15	50	6♥	W	♣3	=	-1430	47.06	52.94
16	27	4♠	E	♥6	+2	-680	85.29	14.71
17	29	6♠	E	♥6	=	-1430	47.06	52.94
18	26	3NT	W	♣3	+1	-630	94.12	5.88
19	28	6♥	W	♦4	=	-1430	47.06	52.94
20	30	6NT	W	♣3	=	-1440	8.82	91.18
31	22	6NTX	W	♣2	-2	500	100.00	0.00
32	24	6♥	W	♥3	=	-1430	47.06	52.94
33	21	4♠	E	♥6	+2	-680	85.29	14.71
34	23	6♥	W	♦6	=	-1430	47.06	52.94
40	25	6NT	W	♠6	=	-1440	8.82	91.18
41	37	6♥	W	♣3	=	-1430	47.06	52.94
42	39	6♠	E	♥6	=	-1430	47.06	52.94
43	36	3NT	W	♣3	+3	-690	76.47	23.53
44	38	ARB					0.00	60.00
45	35	ARB					0.00	0.00