

1
N / none

♠ K4
♥ 7542
♦ J10964
♣ 106

♠ QJ109653
♥ 9
♦ AK83
♣ 3

♠ 7
♥ QJ10863
♦ KJ9752

nt. ♠♥♦♣

N 1
S 2
E 6 6 4 1
W 6 5 4 1

Minimax:
6NT W, -990

2
E / NS

♠ AJ876
♥ Q4
♦ K8763
♣ 10

♠ KQ4
♥ K
♦ Q1095
♣ K9762

♠ 932
♥ AJ85
♦ 42
♣ AQJ3

nt. ♠♥♦♣

N 2 3 1 2
S 2 3 1 3
E
W

Minimax:
1♠ N, 140

3
S / EW

♠ AQ93
♥ J84
♦ K8763
♣ KQ105

♠ 75
♥ AK732
♦ 9754
♣ 74

♠ 1062
♥ Q1095
♦ Q86
♣ J86

♠ KJ84
♥ 6
♦ AK102
♣ A932

nt. ♠♥♦♣

N 2 6 1 4 6
S 2 6 1 4 6
E
W

Minimax:
6♠ N, 980

4
W / all

♠ Q93
♥ Q10854
♦ 6
♣ A864

♠ AK
♥ J6
♦ KJ85432
♣ 107

♠ J106
♥ 932
♦ A9
♣ KJ952

♠ 87542
♥ AK7
♦ Q107
♣ Q3

nt. ♠♥♦♣

N 2 2
S 2 2
E 1 4 1
W 1 4 1

Minimax:
3♠ W, -130

5
N / NS

♠ AKJ92
♥ AJ
♦ 76
♣ AKQJ

♠ Q87
♥ 643
♦ KJ109
♣ 763

♠ 4
♥ Q875
♦ AQ8532
♣ 98

♠ 10653
♥ K1092
♦ 4
♣ 10542

nt. ♠♥♦♣

N 1 6 2 6
S 1 6 2 6
E 1
W 1

Minimax:
7♠ x E, 1400

6
E / EW

♠ 9732
♥ J92
♦ 654
♣ J107

♠ J54
♥ 107
♦ AKQJ10
♣ A92

♠ AQ10
♥ K864
♦ 82
♣ KQ85

♠ K86
♥ AQ53
♦ 973
♣ 643

nt. ♠♥♦♣

N
S
E 5 4 3 5 5
W 4 4 3 5 5

Minimax:
3NT E, -660

7
S / all

♠ KQ5
♥ Q1062
♦ 10754
♣ 85

♠ 82
♥ J98
♦ AKQ9632
♣ A

♠ 109743
♥ K
♦ J
♣ KJ9762

♠ AJ6
♥ A7543
♦ 8
♣ Q1043

nt. ♠♥♦♣

N 3
S 3
E 2 1
W 2 1

Minimax:
2♥ S, 140

8
W / none

♠ J104
♥ AJ10982
♦ K5
♣ 84

♠ Q632
♥ 3
♦ AQJ982
♣ Q6

♠ AK987
♥ KQ
♦ 763
♣ K103

♠ 5
♥ 7654
♦ 104
♣ AJ9752

nt. ♠♥♦♣

N 3 3
S 3 3
E 1 4 4
W 1 4 4

Minimax:
5♠ x S, -300

9
N / EW

♠ Q108
♥ KJ
♦ KJ543
♣ 1076

♠ AJ9
♥ Q98752
♦ 1086
♣ J

♠ K5432
♥ A643
♦ Q7
♣ 54

♠ 76
♥ 10
♦ A92
♣ AKQ9832

nt. ♠♥♦♣

N 4 4 4
S 4 4 4
E 1 2
W 1 2

Minimax:
3NT S, 430

10
E / all

♠ 9854
♥ KJ2
♦ 763
♣ J53

♠ K2
♥ 854
♦ AK852
♣ 1092

♠ Q73
♥ A10963
♦ Q
♣ AK76

♠ AJ106
♥ Q7
♦ J1094
♣ Q84

nt. ♠♥♦♣

N
S
E 1 1 4 3 3
W 1 1 4 3 3

Minimax:
4♥ E, -620

11
S / none

♠ KJ62
♥ 72
♦ AK75
♣ AK10

♠ A7
♥ K1086
♦ Q9863
♣ 42

♠ 985
♥ AQJ543
♦ 102
♣ J7

♠ Q1043
♥ 9
♦ J4
♣ Q98653

nt. ♠♥♦♣

N 5 5 5
S 5 5 5
E 2
W 2

Minimax:
4♠ N, 450

12
W / NS

♠ 4
♥ Q109842
♦ AQ974
♣ 2

♠ AQJ7
♥ 7
♦ K10862
♣ Q106

♠ 98632
♥ K6
♦ J5
♣ K954

♠ K105
♥ AJ53
♦ 3
♣ AJ873

nt. ♠♥♦♣

N 3 6 3 1
S 3 6 3 1
E
W

Minimax:
6♠ x E, 1400

13
N / all

♠ 7
♥ AKQ73
♦ KQ8
♣ QJ93

♠ AQJ84
♥ 2
♦ 952
♣ A876

♠ 5
♥ J854
♦ A10643
♣ 542

♠ K109632
♥ 1096
♦ J7
♣ K10

nt. ♠♥♦♣

N 2 2 1
S 2 1 2 1
E
W

Minimax:
1NT S, 120

14
E / none

♠ AK7
♥ 976432
♦ K104
♣ J

♠ 853
♥ AK108
♦ QJ98
♣ 64

♠ 10962
♥ J5
♦ 7652
♣ A109

♠ QJ4
♥ Q
♦ A3
♣ KQ87532

nt. ♠♥♦♣

N 3 2 2 1 5
S 3 2 2 1 5
E
W

Minimax:
3NT N, 400

15
S / NS

♠ 8752
♥ A83
♦ J109532

♠ K103
♥ KJ86532
♦ J102
♣

♠ AQJ6
♥ Q74
♦ K74
♣ Q87

♠ 94
♥ A109
♦ Q965
♣ AK64

nt. ♠♥♦♣

N 2 1 4
S 2 2 4
E 4
W 4

Minimax:
5♠ x N, -200

16
W / EW

♠ KQ97
♥ 83
♦ Q87
♣ 10973

♠ A5
♥ 10765
♦ 109532
♣ J6

♠ 1042
♥ AKJ9
♦ 64
♣ K542

♠ J863
♥ Q42
♦ AKJ
♣ AQ8

nt. ♠♥♦♣

N 3 3 1 2
S 3 3 1 2
E 1
W 1

Minimax:
3NT S, 400

17
N / none

♠ AJ32
♥ 4
♦ AJ9
♣ A8763

♠ Q98754
♥ A1052
♦ K4
♣ Q

♠ 10
♥ KJ863
♦ Q7632
♣

♠ K6
♥ Q97
♦ 1085
♣ KJ952

nt. ♠♥♦♣

N 5
S 5
E 3 1
W 3 1

Minimax:
5♠ x E, 300

18
E / NS

♠ K107
♥ 85
♦ 1082
♣ AJ932

♠ AQ854
♥ A102
♦ KJ
♣ K64

♠ J63
♥ J7643
♦ 654
♣ Q7

♠ 92
♥ KQ9
♦ AQ973
♣ 1085

nt. ♠♥♦♣

N 2 2
S 2 3
E 2 2
W 2 2

Minimax:
3♥ x E, 100

19
S / EW

♠ K87
♥ 95
♦ J83
♣ K6432

♠ 43
♥ AJ874
♦ K109
♣ A75

♠ Q10965
♥ KQ63
♦ AQ62
♣

♠ AJ2
♥ 102
♦ 754
♣ QJ1098

nt. ♠♥♦♣

N 1
S 1
E 4 3 5 5
W 4 3 5 5

Minimax:
4♥ W, -650

20
W / all

♠ J87
♥ AQ10
♦ AJ73
♣ A102

♠ 62
♥ 9874
♦ 654
♣ KQ54

♠ K1093
♥ KJ3
♦ KQ2
♣ J73

♠ AQ54
♥ 652
♦ 1098
♣ 986

nt. ♠♥♦♣

N 2 2 1
S 1 1 1
E 1 1
W 1 1

Minimax:
1NT N, 120

21
N / NS

♠ J743
♥ 98
♦ A8
♣ J7643

♠ AQ
♥ A1076
♦ Q1075
♣ KQ10

♠ 965
♥ KQJ32
♦ 3
♣ A852

♠ K1082
♥ 54
♦ KJ9642
♣ 9

nt. ♠♥♦♣

N 1 2 3
S 1 1 2 3
E 5 1 6 1 4
W 5 1 6 1 4

Minimax:
6♥ E, -980

22
E / EW

♠ J10865
♥ 1084
♦ AQ3
♣ Q3

♠ Q32
♥ 62
♦ K1072
♣ J952

♠ A74
♥ AK97
♦ 98654
♣ 6

♠ K9
♥ QJ53
♦ J
♣ AK10874

nt. ♠♥♦♣

N 1 1 2 3
S 1 1 2 3
E 2
W 2

Minimax:
2♥ S, 110

23
S / all

♠ Q109654
♥ 9852
♦ J105

♠ 109873
♥ KQJ1074
♦ Q7

♠ AQJ62
♥ AJ2
♦ 63
♣ AK9

♠ K54
♥ K873
♦ A
♣ 86432

nt. ♠♥♦♣

N 3
S 3
E 4 5 4
W 1 5 4

Minimax:
5♠ W, -650

24
W / none

♠ J
♥ 1054
♦ K987654
♣ 75

♠ K6
♥ KJ7
♦ A102
♣ KQJ32

♠ AQ542
♥ A93
♦ J3
♣ A94

♠ 109873
♥ Q862
♦ Q
♣ 1086

nt. ♠♥♦♣

N
S
E 6 5 5 2 6
W 6 5 5 2 6

Minimax:
6NT E, -990

25
N / EW

♠ A7
♥ K964
♦ AKJ6
♣ K85

♠ KQ2
♥ AQ52
♦ 853
♣ AJ4

♠ 9543
♥ J873
♦ Q42
♣ 73

♠ J1086
♥ 10
♦ 1097
♣ Q10962

nt. ♠♥♦♣

N 1 2 3 3
S 1 1 2 3
E 1
W 1

Minimax:
2♠ S, 110

26
E / all

♠ K742
♥ 84
♦ KQJ5
♣ 1032

♠ AQ93
♥ 96532
♦ 63
♣ Q9

♠ 85
♥ AKQ
♦ A1072
♣ AK84

♠ J106
♥ J107
♦ 984
♣ J765

nt. ♠♥♦♣

N
S
E 5 4 5 3 4
W 5 4 5 4 4

Minimax:
3NT W, -660

27
S / none

♠ 965
♥ J1098
♦ A6
♣ A742

♠ Q103
♥ 54
♦ J1084
♣ QJ83

♠ AKJ84
♥ Q732
♦ 53
♣ 95

♠ 72
♥ AK6
♦ KQ972
♣ K106

nt. ♠♥♦♣

N 2 3 3 3
S 2 3 3 3
E 1
W 1

Minimax:
3♥ N, 140

28
W / NS

♠ KQ8
♥ KJ10
♦ AQ763
♣ Q4

♠ A743
♥ 98
♦ 1085
♣ J752

♠ 9652
♥ Q43
♦ KJ9
♣ 1083

♠ J10
♥ A7652
♦ 42
♣ AK96

nt. ♠♥♦♣

N 5 3 6 4 5
S 4 3 5 4 4
E
W

Minimax:
6♥ N, 1430

29
N / all

♠ A102
♥ AQ85
♦ A107
♣ 862

♠ QJ854
♥ 1073
♦ Q3
♣ K107

♠ 73
♥ J4
♦ K9842
♣ Q953

♠ K96
♥ K962
♦ J65
♣ AJ4

nt. ♠♥♦♣

N 3 1 3 1 1
S 3 1 4 1 2
E
W

Minimax:
4♥ S, 620

30
E / none

♠ AQ
♥ A2
♦ A10853
♣ KJ65

♠ 84
♥ 973
♦ Q642
♣ A932

♠ KJ93
♥ Q108654
♦ K
♣ 107

♠ 107652
♥ KJ
♦ J97
♣ Q84

nt. ♠♥♦♣

N 1 2 4 3
S 1 2 4 3
E 2
W 2

Minimax:
4♠ N, 130

<p>31 S / NS</p> <p>♠ Q52 ♥ 9754 ♦ K9 ♣ KJ62</p> <p>♠ 9864 ♥ AQ82 ♦ QJ6 ♣ Q3</p> <p>♠ AKJ3 ♥ K ♦ A10532 ♣ A109</p> <p>♠ 107 ♥ J1063 ♦ 874 ♣ 8754</p> <p>nt. ♠♥♦♣</p> <table border="1"> <tr><td>N</td><td>2</td><td>2</td><td>-</td></tr> <tr><td>S</td><td>2</td><td>1</td><td>-</td></tr> <tr><td>E</td><td>6</td><td>7</td><td>3</td></tr> <tr><td>W</td><td>6</td><td>7</td><td>4</td></tr> </table> <p>Minimax: 7♠ E, -1510</p>	N	2	2	-	S	2	1	-	E	6	7	3	W	6	7	4	<p>32 W / EW</p> <p>♠ A975 ♥ 10 ♦ KQ32 ♣ QJ94</p> <p>♠ Q3 ♥ KQ8762 ♦ 7 ♣ 10762</p> <p>♠ K2 ♥ 543 ♦ AJ108 ♣ AK83</p> <p>♠ J10864 ♥ AJ9 ♦ 9654 ♣ 5</p> <p>nt. ♠♥♦♣</p> <table border="1"> <tr><td>N</td><td>2</td><td>2</td><td>-</td></tr> <tr><td>S</td><td>2</td><td>1</td><td>-</td></tr> <tr><td>E</td><td>1</td><td>3</td><td>3</td></tr> <tr><td>W</td><td>1</td><td>3</td><td>3</td></tr> </table> <p>Minimax: 3♠x S, -100</p>	N	2	2	-	S	2	1	-	E	1	3	3	W	1	3	3	<p>33 N / none</p> <p>♠ QJ ♥ KJ102 ♦ 85 ♣ KJ854</p> <p>♠ 54 ♥ Q7653 ♦ A643 ♣ 109</p> <p>♠ AK1032 ♥ A8 ♦ 972 ♣ Q76</p> <p>♠ 9876 ♥ 94 ♦ KQJ10 ♣ A32</p> <p>nt. ♠♥♦♣</p> <table border="1"> <tr><td>N</td><td>1</td><td>1</td><td>1</td><td>2</td></tr> <tr><td>S</td><td>1</td><td>1</td><td>1</td><td>2</td></tr> <tr><td>E</td><td></td><td></td><td></td><td></td></tr> <tr><td>W</td><td></td><td></td><td></td><td></td></tr> </table> <p>Minimax: 1♠ N, 90</p>	N	1	1	1	2	S	1	1	1	2	E					W					<p>34 E / NS</p> <p>♠ AK32 ♥ AQ102 ♦ 74 ♣ AK7</p> <p>♠ 8 ♥ K943 ♦ KQ8 ♣ QJ853</p> <p>♠ Q10754 ♥ J75 ♦ 10962 ♣ 10</p> <p>♠ J96 ♥ 86 ♦ AJ53 ♣ 9642</p> <p>nt. ♠♥♦♣</p> <table border="1"> <tr><td>N</td><td>3</td><td>3</td><td>1</td><td>2</td><td>3</td></tr> <tr><td>S</td><td>3</td><td>3</td><td>1</td><td>2</td><td>3</td></tr> <tr><td>E</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>W</td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>Minimax: 3NT N, 600</p>	N	3	3	1	2	3	S	3	3	1	2	3	E						W						<p>35 S / EW</p> <p>♠ AJ1073 ♥ AQ106 ♦ K82 ♣ 4</p> <p>♠ 86 ♥ KJ54 ♦ 3 ♣ Q76532</p> <p>♠ 542 ♥ ♦ AQJ10965 ♣ A98</p> <p>♠ KQ9 ♥ 98732 ♦ 74 ♣ KJ10</p> <p>nt. ♠♥♦♣</p> <table border="1"> <tr><td>N</td><td>4</td><td>3</td><td>3</td><td>-</td></tr> <tr><td>S</td><td>4</td><td>2</td><td>3</td><td>-</td></tr> <tr><td>E</td><td></td><td></td><td></td><td></td></tr> <tr><td>W</td><td></td><td></td><td></td><td></td></tr> </table> <p>Minimax: 3NT N, 430</p>	N	4	3	3	-	S	4	2	3	-	E					W					<p>36 W / all</p> <p>♠ 63 ♥ AK643 ♦ J642 ♣ 97</p> <p>♠ AQJ87 ♥ 109 ♦ 108 ♣ Q652</p> <p>♠ 95 ♥ Q875 ♦ AKQ9 ♣ AK8</p> <p>♠ K1042 ♥ J2 ♦ 753 ♣ J1043</p> <p>nt. ♠♥♦♣</p> <table border="1"> <tr><td>N</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>S</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>E</td><td>5</td><td>5</td><td>4</td><td>5</td><td>4</td></tr> <tr><td>W</td><td>5</td><td>5</td><td>4</td><td>5</td><td>4</td></tr> </table> <p>Minimax: 3NT E, -660</p>	N						S						E	5	5	4	5	4	W	5	5	4	5	4
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