1
N / none

North: ♠ A10 ♥ 9852 ♦ AQJ ♣ 10754
West: ♠ Q98765 ♥ 64 ♦ 104 ♣ A32
East: ♠ K42 ♥ 10 ♦ K8732 ♣ KQ98
South: ♠ J3 ♥ AKQJ73 ♦ 965 ♣ J6

Minimax: 4NTx N, -300

	nt	♠	♥	♦	♣
N	2		3		
S	2		3		
E		4		2	2
W		4		2	2

2
E / NS

North: ♠ AK6 ♥ 93 ♦ AKQ5 ♣ A1063
West: ♠ 10954 ♥ K52 ♦ J973 ♣ 42
East: ♠ J72 ♥ AQJ107 ♦ 8 ♣ Q985
South: ♠ Q83 ♥ 864 ♦ 10642 ♣ KJ7

Minimax: 1♠ N, 140

	nt	♠	♥	♦	♣
N	2	3	1	4	3
S	2	3	1	4	3
E					
W					

3
S / EW

North: ♠ 107652 ♥ QJ76 ♦ K83 ♣ 2
West: ♠ KJ3 ♥ K843 ♦ QJ ♣ K954
East: ♠ 98 ♥ 92 ♦ 9752 ♣ QJ1087
South: ♠ AQ4 ♥ A105 ♦ A1064 ♣ A63

Minimax: 4♠ N, 420

	nt	♠	♥	♦	♣
N	2	4	2	3	
S	2	4	3	3	
E					2
W					2

4
W / all

North: ♠ 932 ♥ Q987 ♦ A876 ♣ Q2
West: ♠ AJ54 ♥ A103 ♦ 2 ♣ K8764
East: ♠ Q7 ♥ KJ6 ♦ J953 ♣ A1053
South: ♠ K1086 ♥ 542 ♦ KQ104 ♣ J9

Minimax: 6♣ W, -1370

	nt	♠	♥	♦	♣
N					1
S					1
E	3	3	3	2	6
W	3	3	3	2	6

5
N / NS

North: ♠ Q85 ♥ J4 ♦ A9863 ♣ 1097
West: ♠ AJ964 ♥ K76 ♦ 52 ♣ KJ3
East: ♠ 2 ♥ 109853 ♦ KQJ107 ♣ A8
South: ♠ K1073 ♥ AQ2 ♦ 4 ♣ Q6542

Minimax: 4♥ E, -420

	nt	♠	♥	♦	♣
N					1
S					1
E	2	1	4	3	
W	2	1	4	3	

6
E / EW

North: ♠ K932 ♥ K6 ♦ Q1076 ♣ 752
West: ♠ A85 ♥ J1083 ♦ 5 ♣ K9643
East: ♠ Q764 ♥ Q75 ♦ A98 ♣ A108
South: ♠ J10 ♥ A942 ♦ KJ432 ♣ QJ

Minimax: 3♦x S, -100

	nt	♠	♥	♦	♣
N					2
S					2
E	1	2	2		3
W	1	2	2		3

7
S / all

North: ♠ K2 ♥ Q1032 ♦ 943 ♣ AKQ2
West: ♠ 98 ♥ A65 ♦ J76 ♣ 87654
East: ♠ Q107643 ♥ J874 ♦ 82 ♣ 9
South: ♠ AJ5 ♥ K9 ♦ AKQ105 ♣ J103

Minimax: 6NT N, 1440

	nt	♠	♥	♦	♣
N	6	2	5	6	6
S	6	2	5	6	6
E					
W					

8
W / none

North: ♠ KQ105 ♥ Q108 ♦ J62 ♣ AQ10
West: ♠ 7432 ♥ J74 ♦ K9874 ♣ 3
East: ♠ AJ98 ♥ K63 ♦ A ♣ J9752
South: ♠ 6 ♥ A952 ♦ Q1053 ♣ K864

Minimax: 3NT N, 400

	nt	♠	♥	♦	♣
N	3		1	1	2
S	2		1	1	2
E		1			
W		1			

9
N / EW

North: ♠ 742 ♥ Q982 ♦ 5 ♣ 109765
West: ♠ 9 ♥ K1053 ♦ KQ10632 ♣ 82
East: ♠ KQ10653 ♥ A7 ♦ 4 ♣ AKQJ
South: ♠ AJ8 ♥ J64 ♦ AJ987 ♣ 43

Minimax: 4♠ E, -620

	nt	♠	♥	♦	♣
N					
S					
E	3	4	2	3	2
W	3	4	2	3	2

10
E / all

North: ♠ AK4 ♥ 6 ♦ A109642 ♣ K86
West: ♠ 85 ♥ AJ754 ♦ QJ5 ♣ AQ4
East: ♠ 73 ♥ K10932 ♦ 73 ♣ 9732
South: ♠ QJ10962 ♥ Q8 ♦ K8 ♣ J105

Minimax: 4♠ S, 650

	nt	♠	♥	♦	♣
N	1	5		4	
S	1	5		4	
E		1			
W		1			

11
S / none

North: ♠ 102 ♥ 753 ♦ QJ64 ♣ QJ107
West: ♠ 763 ♥ QJ42 ♦ 107 ♣ AK65
East: ♠ KQ54 ♥ K ♦ A9832 ♣ 832
South: ♠ AJ98 ♥ A10986 ♦ K5 ♣ 94

Minimax: 1NT N, 90

	nt	♠	♥	♦	♣
N	1		1		
S	1		1		
E		1		1	1
W				1	1

12
W / NS

North: ♠ 62 ♥ A9 ♦ K1062 ♣ KQ876
West: ♠ 975 ♥ K108652 ♦ 973 ♣ 10
East: ♠ AJ3 ♥ Q43 ♦ J8 ♣ AJ953
South: ♠ KQ1084 ♥ J7 ♦ AQ54 ♣ 42

Minimax: 3♠ S, 140

	nt	♠	♥	♦	♣
N		3		4	2
S		3		4	2
E			2		
W			2		

13
N / all

North: ♠ Q965 ♥ 9 ♦ A8654 ♣ A86
West: ♠ K ♥ 1063 ♦ Q10972 ♣ J753
East: ♠ 10873 ♥ AKQ8542 ♦ KJ ♣
South: ♠ AJ42 ♥ J7 ♦ 3 ♣ KQ10942

Minimax: 6♥x E, 500

	nt	♠	♥	♦	♣
N		5		1	5
S		5		1	5
E			4		
W			4		

14
E / none

North: ♠ AQ873 ♥ ♦ AK109 ♣ Q842
West: ♠ KJ1062 ♥ K5 ♦ Q85 ♣ 963
East: ♠ 4 ♥ 986432 ♦ 63 ♣ AJ105
South: ♠ 95 ♥ AQJ107 ♦ J742 ♣ K7

Minimax: 4♠ N, 420

	nt	♠	♥	♦	♣
N	3	4	3	5	3
S	3	4	3	5	3
E					
W					

15
S / NS

North: ♠ 5 ♥ J95 ♦ KQJ32 ♣ 9843
West: ♠ 10876 ♥ 863 ♦ 654 ♣ AK6
East: ♠ J432 ♥ Q4 ♦ 108 ♣ QJ1075
South: ♠ AKQ9 ♥ AK1072 ♦ A97 ♣ 2

Minimax: 6♥ S, 1430

	nt	♠	♥	♦	♣
N	2	2	6	6	2
S	2	2	6	6	2
E					
W					

16
W / EW

North: ♠ Q54 ♥ Q ♦ J1098 ♣ AK1074
West: ♠ J102 ♥ 1072 ♦ AKQ6 ♣ 532
East: ♠ AK96 ♥ J643 ♦ 52 ♣ J98
South: ♠ 873 ♥ AK985 ♦ 743 ♣ Q6

Minimax: 1♣ N, 70

	nt	♠	♥	♦	♣
N					1
S					1
E					
W					

17
N / none

North: ♠ Q9 ♥ Q972 ♦ KQ75 ♣ J107
West: ♠ J1065 ♥ A53 ♦ 1032 ♣ 842
East: ♠ 874 ♥ KJ6 ♦ A84 ♣ K953
South: ♠ AK32 ♥ 1084 ♦ J96 ♣ AQ6

Minimax: 3NT S, 400

	nt	♠	♥	♦	♣
N	3	2	3	3	2
S	3	2	3	3	2
E					
W					

18
E / NS

North: ♠ 943 ♥ 62 ♦ K65 ♣ A8742
West: ♠ AJ82 ♥ 10974 ♦ AQ8 ♣ 96
East: ♠ 76 ♥ Q83 ♦ J9742 ♣ KQJ
South: ♠ KQ105 ♥ AKJ5 ♦ 103 ♣ 1053

Minimax: 2♠ S, 110

	nt	♠	♥	♦	♣
N		2	1		2
S		2	1		2
E				1	
W				1	

19
S / EW

North: ♠ KQJ8 ♥ A975 ♦ 953 ♣ J7
West: ♠ A652 ♥ KQ6 ♦ AQ82 ♣ 92
East: ♠ 109743 ♥ 3 ♦ 106 ♣ AQ1083
South: ♠ ♥ J10842 ♦ KJ74 ♣ K654

Minimax: 3♥x S, -100

	nt	♠	♥	♦	♣
N		2			
S		2			
E		2			2
W	1	2			2

20
W / all

North: ♠ 1084 ♥ QJ6 ♦ AKQJ96 ♣ 2
West: ♠ KJ732 ♥ 8 ♦ 532 ♣ KJ85
East: ♠ A95 ♥ AK32 ♦ 74 ♣ A1094
South: ♠ Q6 ♥ 109754 ♦ 108 ♣ Q763

Minimax: 4♠ W, -620

	nt	♠	♥	♦	♣
N					
S					
E	1	4			5
W	1	4			5

21
N / NS

North: ♠ A9 ♥ A1085 ♦ A954 ♣ KQ10
West: ♠ J87643 ♥ 2 ♦ 1087 ♣ 432
East: ♠ K5 ♥ KJ96 ♦ Q3 ♣ J8765
South: ♠ Q102 ♥ Q743 ♦ KJ62 ♣ A9

Minimax: 3NT S, 660

	nt	♠	♥	♦	♣
N	5	3	5	5	4
S	5	3	4	5	3
E					
W					

22
E / EW

North: ♠ AQ962 ♥ 4 ♦ K984 ♣ KQ2
West: ♠ 10 ♥ A76532 ♦ 763 ♣ J73
East: ♠ K8754 ♥ KJ10 ♦ AQJ ♣ A9
South: ♠ J3 ♥ Q98 ♦ 1052 ♣ 108654

Minimax: 4♥ W, -650

	nt	♠	♥	♦	♣
N					
S					
E	3	1	4	1	1
W	3	1	5	2	1

23
S / all

North: ♠ 32 ♥ KQ82 ♦ A873 ♣ KQ9
West: ♠ A964 ♥ A10973 ♦ K6 ♣ 63
East: ♠ KQJ5 ♥ 64 ♦ J95 ♣ A854
South: ♠ 1087 ♥ J5 ♦ Q1042 ♣ J1072

Minimax: 2♠ W, -140

	nt	♠	♥	♦	♣
N			2		
S			2		
E	1	3	2		
W	1	3	2		

24
W / none

North: ♠ 10 ♥ 2 ♦ AJ9742 ♣ AJ1095
West: ♠ 97643 ♥ J53 ♦ Q5 ♣ Q87
East: ♠ KQ82 ♥ Q876 ♦ K3 ♣ 642
South: ♠ AJ5 ♥ AK1094 ♦ 1086 ♣ K3

Minimax: 6♣ N, 920

	nt	♠	♥	♦	♣
N	5	2	4	6	6
S	5	2	4	6	6
E					
W					

25
N / EW

North: ♠ J4 ♥ AQJ9 ♦ Q1065 ♣ AK2
West: ♠ 109732 ♥ 843 ♦ K ♣ Q1053
East: ♠ A ♥ K102 ♦ AJ98432 ♣ 76
South: ♠ KQ865 ♥ 765 ♦ 7 ♣ J984

Minimax: 1NT S, 120

	nt	♠	♥	♦	♣
N	2	2	1		1
S	2	2	1		1
E				1	
W				1	

26
E / all

North: ♠ A52 ♥ 652 ♦ K10983 ♣ K2
West: ♠ Q ♥ A103 ♦ J7652 ♣ A1063
East: ♠ K9 ♥ K984 ♦ AQ4 ♣ 8754
South: ♠ J1087643 ♥ QJ7 ♦ ♣ QJ9

Minimax: 3♠ S, 140

	nt	♠	♥	♦	♣
N		3			
S		3			
E			2	2	3
W			2	2	3

27
S / none

North: ♠ 7 ♥ 8542 ♦ AKQ98 ♣ 1062
West: ♠ AJ853 ♥ K1076 ♦ 104 ♣ J8
East: ♠ Q6 ♥ AQ9 ♦ J52 ♣ AK954
South: ♠ K10942 ♥ J3 ♦ 763 ♣ Q73

Minimax: 1♥ W, -140

	nt	♠	♥	♦	♣
N					
S					
E	2	3	3	1	3
W	2	3	3	1	3

28
W / NS

North: ♠ KQ1095 ♥ Q64 ♦ 102 ♣ A105
West: ♠ A2 ♥ KJ875 ♦ J98 ♣ K76
East: ♠ J87643 ♥ 32 ♦ Q4 ♣ Q98
South: ♠ ♥ A109 ♦ AK7653 ♣ J432

Minimax: 3NT S, 600

	nt	♠	♥	♦	♣
N	2	1	2	3	3
S	3	1	2	4	3
E					
W					

29
N / all

North: ♠ QJ106 ♥ K1084 ♦ 82 ♣ 832
West: ♠ A98753 ♥ J62 ♦ QJ ♣ K10
East: ♠ K ♥ AQ973 ♦ A75 ♣ Q975
South: ♠ 42 ♥ 5 ♦ K109643 ♣ AJ64

Minimax: 4♥ E, -650

	nt	♠	♥	♦	♣
N					
S					
E	4	4	5	2	3
W	4	3	4	2	2

30
E / none

North: ♠ KJ8764 ♥ 109 ♦ J94 ♣ K10
West: ♠ 1052 ♥ KJ4 ♦ AKQ108 ♣ A3
East: ♠ 93 ♥ 75 ♦ 762 ♣ QJ9854
South: ♠ AQ ♥ AQ8632 ♦ 53 ♣ 762

Minimax: 3♠ S, 140

	nt	♠	♥	♦	♣
N	1	2	2		
S	1	3	2		
E				1	2
W				1	2

31

S / NS

	♠ 107 ♥ AQ106 ♦ 1093 ♣ 10982	
♠ J542 ♥ J753 ♦ A2 ♣ K75	N W E S	♠ 9863 ♥ 984 ♦ QJ85 ♣ QJ
	♠ AKQ ♥ K2 ♦ K764 ♣ A643	

Minimax:
3NT N, 600

	nt.	♠	♥	♦	♣
N	3	1	3	3	3
S	3	1	3	3	3
E					
W					

32

W / EW

	♠ J873 ♥ 7 ♦ 10875 ♣ Q843	
♠ AK109 ♥ 106 ♦ Q432 ♣ K109	N W E S	♠ Q ♥ AQJ98532 ♦ 9 ♣ J76
	♠ 6542 ♥ K4 ♦ AKJ6 ♣ A52	

Minimax:
4♠x S, -500

	nt.	♠	♥	♦	♣
N			1		
S			1		
E	1			4	
W	1			4	

33

N / none

	♠ 94 ♥ Q643 ♦ A104 ♣ A932	
♠ J106 ♥ K87 ♦ K8765 ♣ 84	N W E S	♠ AQ873 ♥ AJ105 ♦ J32 ♣ 10
	♠ K52 ♥ 92 ♦ Q9 ♣ KQJ765	

Minimax:
3NTx N, -100

	nt.	♠	♥	♦	♣
N	2				3
S	1				3
E		3	1	2	
W		3	1	2	

34

E / NS

	♠ 93 ♥ AJ6 ♦ 64 ♣ Q107654	
♠ AQ104 ♥ 7 ♦ KJ1053 ♣ K82	N W E S	♠ J8762 ♥ KQ1043 ♦ A72 ♣
	♠ K5 ♥ 9852 ♦ Q98 ♣ AJ93	

Minimax:
6♠ E, -980

	nt.	♠	♥	♦	♣
N					
S					
E	5	6	5	6	1
W	5	6	4	5	1

35

S / EW

	♠ QJ65 ♥ K108732 ♦ A9 ♣ 7	
♠ 93 ♥ J6 ♦ K103 ♣ AJ10954	N W E S	♠ A107 ♥ AQ4 ♦ J54 ♣ Q862
	♠ K842 ♥ 95 ♦ Q8762 ♣ K3	

Minimax:
5♠x S, -500

	nt.	♠	♥	♦	♣
N		1	1		
S		2	1		
E	4			1	4
W	4			1	4

36

W / all

	♠ 873 ♥ K9876 ♦ 8 ♣ 10865	
♠ QJ5 ♥ AJ5 ♦ QJ52 ♣ QJ2	N W E S	♠ A10942 ♥ 42 ♦ 96 ♣ 9743
	♠ K6 ♥ Q103 ♦ AK10743 ♣ AK	

Minimax:
4♥ N, 650

	nt.	♠	♥	♦	♣
N	1		5	3	1
S	1		5	3	1
E		1			
W		1			