## 1

N / none

| | | |
|---|---|---|
| | ♠ Q987653<br>♥ A<br>♦ 10<br>♣ J1085 | |
| ♠ J4<br>♥ KJ864<br>♦ Q9432<br>♣ A | N<br>W E<br>S | ♠ 10<br>♥ 102<br>♦ AKJ765<br>♣ 7432 |
| Minimax:<br>5♦x E, 100 | ♠ AK2<br>♥ Q9753<br>♦ 8<br>♣ KQ96 | |

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | | 4 | | | 4 |
| S | | 4 | | | 4 |
| E | | | 1 | 4 | |
| W | | | 1 | 4 | |

## 2

E / NS

| | | |
|---|---|---|
| | ♠ J1062<br>♥ QJ108<br>♦ KQ42<br>♣ Q | |
| ♠ A984<br>♥ K74<br>♦ AJ953<br>♣ J | N<br>W E<br>S | ♠ Q753<br>♥ A<br>♦ 1086<br>♣ A7632 |
| Minimax:<br>4♠ W, -420 | ♠ K<br>♥ 96532<br>♦ 7<br>♣ K109854 | |

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

## 3

S / EW

| | | |
|---|---|---|
| | ♠ J9876<br>♥ 63<br>♦ A87<br>♣ J42 | |
| ♠ AQ<br>♥ AQ75<br>♦ K53<br>♣ K1097 | N<br>W E<br>S | ♠ K1052<br>♥ KJ4<br>♦ Q96<br>♣ Q85 |
| Minimax:<br>3NT E, -660 | ♠ 43<br>♥ 10982<br>♦ J1042<br>♣ A63 | |

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

## 4

W / all

| | | |
|---|---|---|
| | ♠ A8<br>♥ J9742<br>♦ 873<br>♣ Q105 | |
| ♠ 104<br>♥ A5<br>♦ KJ10<br>♣ KJ9632 | N<br>W E<br>S | ♠ KJ963<br>♥ KQ103<br>♦ Q9<br>♣ 84 |
| Minimax:<br>1♠ E, -140 | ♠ Q752<br>♥ 86<br>♦ A6542<br>♣ A7 | |

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

## 5

N / NS

| | | |
|---|---|---|
| | ♠ KQ76<br>♥ 8<br>♦ J92<br>♣ K10832 | |
| ♠ 10942<br>♥ AKQ6<br>♦ 53<br>♣ 964 | N<br>W E<br>S | ♠ A83<br>♥ 1097432<br>♦ Q104<br>♣ J |
| Minimax:<br>5♥x E, 500 | ♠ J5<br>♥ J5<br>♦ AK876<br>♣ AQ75 | |

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

## 6

E / EW

| | | |
|---|---|---|
| | ♠ KQ63<br>♥ K10843<br>♦ Q105<br>♣ 2 | |
| ♠ AJ<br>♥ Q752<br>♦ J94<br>♣ KJ95 | N<br>W E<br>S | ♠ 542<br>♥ A6<br>♦ AK876<br>♣ Q84 |
| Minimax:<br>4♠x N, -300 | ♠ 10987<br>♥ J9<br>♦ 32<br>♣ A10763 | |

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

## 7

S / all

| | | |
|---|---|---|
| | ♠ KQ54<br>♥ A7543<br>♦ J98<br>♣ 9 | |
| ♠ 107<br>♥ 98<br>♦ KQ432<br>♣ KQ87 | N<br>W E<br>S | ♠ J9862<br>♥ Q6<br>♦ 5<br>♣ AJ654 |
| Minimax:<br>4♥ S, 650 | ♠ A3<br>♥ KJ102<br>♦ A1076<br>♣ 1032 | |

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

## 8

W / none

| | | |
|---|---|---|
| | ♠ K763<br>♥ KQ98<br>♦ J8<br>♣ A107 | |
| ♠ QJ10<br>♥ 10653<br>♦ AK54<br>♣ KJ | N<br>W E<br>S | ♠ 854<br>♥ A74<br>♦ 762<br>♣ Q985 |
| Minimax:<br>1NT S, 120 | ♠ A92<br>♥ J2<br>♦ Q1093<br>♣ 6432 | |

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

## 9

N / EW

| | | |
|---|---|---|
| | ♠<br>♥ QJ986<br>♦ AQ93<br>♣ AQ104 | |
| ♠ A10987<br>♥ 7<br>♦ K10754<br>♣ J9 | N<br>W E<br>S | ♠ 432<br>♥ A102<br>♦ 862<br>♣ K653 |
| Minimax:<br>4♥ N, 450 | ♠ KQJ65<br>♥ K543<br>♦ J<br>♣ 872 | |

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

## 10

E / all

| | | |
|---|---|---|
| | ♠ K1085<br>♥ Q65<br>♦ Q5<br>♣ 9874 | |
| ♠ AQ76<br>♥ 82<br>♦ K42<br>♣ A653 | N<br>W E<br>S | ♠ 32<br>♥ J107<br>♦ AJ9876<br>♣ K10 |
| Minimax:<br>2♦ E, -130 | ♠ J94<br>♥ AK943<br>♦ 103<br>♣ QJ2 | |

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

## 11

S / none

| | | |
|---|---|---|
| | ♠ 10962<br>♥ Q74<br>♦ J62<br>♣ A92 | |
| ♠ J73<br>♥ J82<br>♦ A84<br>♣ K854 | N<br>W E<br>S | ♠ A4<br>♥ AK53<br>♦ Q1053<br>♣ 1063 |
| Minimax:<br>2♣x N, -100 | ♠ KQ85<br>♥ 1096<br>♦ K97<br>♣ QJ7 | |

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

## 12

W / NS

| | | |
|---|---|---|
| | ♠ Q42<br>♥ A9<br>♦ K9654<br>♣ 743 | |
| ♠ AKJ9873<br>♥ Q<br>♦ 1032<br>♣ 85 | N<br>W E<br>S | ♠ 5<br>♥ 7632<br>♦ AQJ7<br>♣ AKJ10 |
| Minimax:<br>4♠ W, -450 | ♠ 106<br>♥ KJ10854<br>♦ 8<br>♣ Q962 | |

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

## 13

N / all

| | | |
|---|---|---|
| | ♠ A<br>♥ Q62<br>♦ J4<br>♣ AK107642 | |
| ♠ 10765<br>♥ A10975<br>♦ AQ9<br>♣ Q | N<br>W E<br>S | ♠ J9843<br>♥ K4<br>♦ 876<br>♣ 853 |
| Minimax:<br>4♠x E, 200 | ♠ KQ2<br>♥ J83<br>♦ K10532<br>♣ J9 | |

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

## 14

E / none

| | | |
|---|---|---|
| | ♠ K843<br>♥ A1064<br>♦ KQ105<br>♣ 5 | |
| ♠ 102<br>♥ J52<br>♦ 9874<br>♣ AJ72 | N<br>W E<br>S | ♠ Q6<br>♥ 7<br>♦ J632<br>♣ KQ10984 |
| Minimax:<br>6♥ S, 980 | ♠ AJ975<br>♥ KQ983<br>♦ A<br>♣ 63 | |

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

## 15

S / NS

| | | |
|---|---|---|
| | ♠ K753<br>♥ AQ3<br>♦ 32<br>♣ 9872 | |
| ♠ 9<br>♥ 874<br>♦ J9754<br>♣ KQ43 | N<br>W E<br>S | ♠ AJ2<br>♥ 9652<br>♦ AQ8<br>♣ A106 |
| Minimax:<br>4♦x W, 100 | ♠ Q10864<br>♥ KJ10<br>♦ K106<br>♣ J5 | |

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

## 16

W / EW

| | | |
|---|---|---|
| | ♠ 962<br>♥ K2<br>♦ KQ10<br>♣ J9753 | |
| ♠ J54<br>♥ Q<br>♦ J9643<br>♣ K842 | N<br>W E<br>S | ♠ A1083<br>♥ AJ1064<br>♦ A72<br>♣ 6 |
| Minimax:<br>3♦ W, -110 | ♠ KQ7<br>♥ 98753<br>♦ 85<br>♣ AQ10 | |

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

## 17

N / none

| | | |
|---|---|---|
| | ♠ A95<br>♥ 1084<br>♦ A1093<br>♣ QJ6 | |
| ♠ K43<br>♥ 9753<br>♦ 87<br>♣ K1093 | N<br>W E<br>S | ♠ 106<br>♥ AKQ62<br>♦ QJ65<br>♣ 52 |
| Minimax:<br>4♠ S, 420 | ♠ QJ872<br>♥ J<br>♦ K42<br>♣ A874 | |

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

## 18

E / NS

| | | |
|---|---|---|
| | ♠<br>♥ A864<br>♦ Q9876<br>♣ Q854 | |
| ♠ 1074<br>♥ Q95<br>♦ J10432<br>♣ K10 | N<br>W E<br>S | ♠ AJ8653<br>♥ 73<br>♦ A<br>♣ 9762 |
| Minimax:<br>4NT S, 630 | ♠ KQ92<br>♥ KJ102<br>♦ K5<br>♣ AJ3 | |

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

## 19

S / EW

| | | |
|---|---|---|
| | ♠ K3<br>♥ A4<br>♦ Q1032<br>♣ 107432 | |
| ♠ AQ10<br>♥ J1092<br>♦ K96<br>♣ K65 | N<br>W E<br>S | ♠ 96542<br>♥ Q76<br>♦ A85<br>♣ QJ |
| Minimax:<br>3♣x N, -100 | ♠ J87<br>♥ K853<br>♦ J74<br>♣ A98 | |

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

## 20

W / all

| | | |
|---|---|---|
| | ♠ 643<br>♥ 1054<br>♦ AJ84<br>♣ A86 | |
| ♠ Q87<br>♥ KJ9863<br>♦ 3<br>♣ 743 | N<br>W E<br>S | ♠ J1092<br>♥ Q7<br>♦ 10752<br>♣ Q109 |
| Minimax:<br>6♦ S, 1370 | ♠ AK5<br>♥ A2<br>♦ KQ96<br>♣ KJ52 | |

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 5 | 3 | 2 | 6 | 5 |
| S | 5 | 3 | 1 | 6 | 5 |
| E | | | | | |
| W | | | | | |

## 21

N / NS

| | | |
|---|---|---|
| | ♠ Q108<br>♥ AJ3<br>♦ AKQ10<br>♣ KQ10 | |
| ♠ 6<br>♥ 98764<br>♦ 94<br>♣ 98743 | N<br>W E<br>S | ♠ AJ532<br>♥ KQ105<br>♦ 2<br>♣ J52 |
| Minimax:<br>4NT N, 660 | ♠ K974<br>♥ 2<br>♦ J87653<br>♣ A6 | |

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

## 22

E / EW

| | | |
|---|---|---|
| | ♠ A7642<br>♥ AK10<br>♦ K95<br>♣ 103 | |
| ♠ J<br>♥ QJ984<br>♦ AQ108<br>♣ 976 | N<br>W E<br>S | ♠ KQ1098<br>♥ 3<br>♦ J642<br>♣ A42 |
| Minimax:<br>3♦ W, -110 | ♠ 53<br>♥ 7652<br>♦ 73<br>♣ KQJ85 | |

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

## 23

S / all

| | | |
|---|---|---|
| | ♠ Q10874<br>♥ 43<br>♦ K975<br>♣ 62 | |
| ♠ A32<br>♥ Q107<br>♦ 8<br>♣ KJ10985 | N<br>W E<br>S | ♠ KJ65<br>♥ 865<br>♦ QJ43<br>♣ Q7 |
| Minimax:<br>1♦ N, 110 | ♠ 9<br>♥ AKJ92<br>♦ A1062<br>♣ A43 | |

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

## 24

W / none

| | | |
|---|---|---|
| | ♠ A1042<br>♥ J98<br>♦ Q6<br>♣ QJ93 | |
| ♠ K9<br>♥ A765<br>♦ K8532<br>♣ K5 | N<br>W E<br>S | ♠ 8763<br>♥ K102<br>♦ 4<br>♣ A10642 |
| Minimax:<br>2NTx N, -100 | ♠ QJ5<br>♥ Q43<br>♦ AJ1097<br>♣ 87 | |

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

## 25

N / EW

| | | |
|---|---|---|
| | ♠<br>♥ KJ842<br>♦ Q108<br>♣ AJ654 | |
| ♠ J104<br>♥ 1063<br>♦ K762<br>♣ Q103 | N<br>W E<br>S | ♠ AKQ9<br>♥ 97<br>♦ A953<br>♣ K92 |
| Minimax:<br>2♥ N, 140 | ♠ 876532<br>♥ AQ5<br>♦ J4<br>♣ 87 | |

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

## 26

E / all

| | | |
|---|---|---|
| | ♠ AK9<br>♥ K95<br>♦ KQ64<br>♣ J102 | |
| ♠ J103<br>♥ AJ3<br>♦ A10932<br>♣ 75 | N<br>W E<br>S | ♠ 8752<br>♥ 107<br>♦ J8<br>♣ Q9643 |
| Minimax:<br>3NT N, 630 | ♠ Q64<br>♥ Q8642<br>♦ 75<br>♣ AK8 | |

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

## 27

S / none

| | | |
|---|---|---|
| | ♠ A6<br>♥ 9<br>♦ A108632<br>♣ 7432 | |
| ♠ K975<br>♥ 10742<br>♦ KQ7<br>♣ J5 | N<br>W E<br>S | ♠ QJ104<br>♥ AKQ53<br>♦ J4<br>♣ A8 |
| Minimax:<br>5♣x S, -300 | ♠ 832<br>♥ J86<br>♦ 95<br>♣ KQ1096 | |

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

## 28

W / NS

| | | |
|---|---|---|
| | ♠ K9<br>♥ KJ42<br>♦ K108<br>♣ KJ106 | |
| ♠ Q10<br>♥ Q986<br>♦ J975<br>♣ 875 | N<br>W E<br>S | ♠ A87632<br>♥ 5<br>♦ A643<br>♣ 32 |
| Minimax:<br>3NT S, 600 | ♠ J54<br>♥ A1073<br>♦ Q2<br>♣ AQ94 | |

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

## 29

N / all

| | | |
|---|---|---|
| | ♠ AK10962<br>♥ KQ7<br>♦ 106<br>♣ 62 | |
| ♠ Q83<br>♥ AJ65<br>♦ 987<br>♣ AJ3 | N<br>W E<br>S | ♠ 74<br>♥ 10432<br>♦ KQ2<br>♣ KQ109 |
| Minimax:<br>1♠ N, 140 | ♠ J5<br>♥ 98<br>♦ AJ543<br>♣ 8754 | |

| | nt | ♠ | ♥ | ♦ | ♣ |
|---|---|---|---|---|---|
| N | 1 | 3 | | | 1 |
| S | 1 | 3 | | | 1 |
| E | | | 1 | | |
| W | | | 1 | | 1 |

## 30

E / none

| | | |
|---|---|---|
| | ♠ 103<br>♥ KQ84<br>♦ AKQJ4<br>♣ 73 | |
| ♠ K5<br>♥ 10732<br>♦ 103<br>♣ AQ865 | N<br>W E<br>S | ♠ AQ6<br>♥ A95<br>♦ 98<br>♣ KJ1042 |
| Minimax:<br>3NTx W, 100 | ♠ J98742<br>♥ J6<br>♦ 7652<br>♣ 9 | |

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

## 31

S / NS

| | | |
|---|---|---|
| | ♠ AK10986<br>♥ 9<br>♦ Q103<br>♣ 1053 | |
| ♠ 2<br>♥ KQJ108<br>♦ A986<br>♣ KJ8 | N<br>W E<br>S | ♠ 543<br>♥ 432<br>♦ K752<br>♣ 764 |
| Minimax:<br>3♠ N, 140 | ♠ QJ7<br>♥ A765<br>♦ J4<br>♣ AQ92 | |

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

## 32

W / EW

| | | |
|---|---|---|
| | ♠ 953<br>♥ AK6<br>♦ J105<br>♣ A943 | |
| ♠ AKQJ102<br>♥ 3<br>♦ 8743<br>♣ 105 | N<br>W E<br>S | ♠ 4<br>♥ J1097<br>♦ AQ<br>♣ KQ8762 |
| Minimax:<br>3♥x S, -100 | ♠ 876<br>♥ Q8542<br>♦ K962<br>♣ J | |

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