



# 1 N/None Opt. res. 420 ♠92 ♥AQJ62 ♦AKQ75 ♣6 ♠KT4 ♥KT75 ♦T3 ♣QT93 16 8 10 6 ♠763 ♥94 ♦J82 ♣AJ542 N 8 5 10 11 7 S 8 5 10 11 7 E 4 6 3 2 6 W 4 7 3 2 6 80	# 2 E/NS Opt. res. -110 ♠J ♥T ♦KQ532 ♣AQ8763 ♠AT972 ♥AQ95 ♦AT96 ♣- 12 14 5 9 ♠KQ654 ♥K874 ♦J8 ♣94 ♠83 ♥J632 ♦74 ♣KJT52 N 5 5 4 6 7 S 6 5 4 7 7 E 7 7 8 6 6 W 7 7 8 6 6 110	# 3 S/EW Opt. res. -110 ♠K9 ♥K8742 ♦K93 ♣875 ♠6 ♥AQ53 ♦QJ8765 ♣T9 9 9 12 10 ♠QT8732 ♥J9 ♦T ♣AK42 ♠AJ54 ♥T6 ♦A42 ♣QJ63 ♠QT8732 ♥J9 ♦T ♣AK42 N 6 7 6 4 6 S 6 7 6 4 6 E 6 6 6 6 6 W 7 5 6 9 6 110
# 4 W/AI Opt. res. -650 ♠96 ♥Q9 ♦QT9843 ♣AJT ♠KT875 ♥AT ♦K762 ♣92 9 10 12 9 ♠Q3 ♥J8764 ♦J ♣KQ543 ♠AJ42 ♥K532 ♦A5 ♣876 N 4 2 7 6 8 S 4 2 7 6 8 E 8 8 8 8 8 W 8 8 8 8 8 90	# 5 N/NS Opt. res. 650 ♠8654 ♥QT72 ♦KT53 ♣5 ♠AQ ♥854 ♦984 ♣QJ876 5 9 7 19 ♠KT9 ♥AJ96 ♦AQJ7 ♣A3 ♠J732 ♥K3 ♦62 ♣KT942 N 9 9 11 11 5 S 9 9 11 11 5 E 4 4 2 2 8 W 4 4 2 2 8 90	# 6 E/EW Opt. res. 140 ♠Q542 ♥95 ♦74 ♣AJT85 ♠976 ♥A42 ♦AK93 ♣Q94 7 13 7 13 ♠AT8 ♥KJ76 ♦Q86 ♣K32 ♠KJ3 ♥QT83 ♦JT52 ♣76 N 7 9 6 6 9 S 7 9 6 6 9 E 6 4 7 8 4 W 6 4 7 8 4 90
# 7 S/AI Opt. res. -130 ♠Q9876 ♥QT64 ♦742 ♣J ♠AKT3 ♥J ♦KQJ3 ♣6532 5 14 6 15 ♠52 ♥AK532 ♦AT98 ♣A4 ♠J4 ♥987 ♦65 ♣KQT987 N 7 7 9 8 3 S 7 7 9 8 3 E 6 5 4 5 10 W 6 5 4 5 10 130	# 8 W/None Opt. res. 400 ♠A72 ♥QJ63 ♦KT86 ♣QT ♠Q983 ♥K97 ♦J94 ♣964 12 6 9 13 ♠KJT64 ♥AT8 ♦Q5 ♣K87 ♠5 ♥542 ♦A732 ♣AJ532 N 9 9 9 9 7 S 9 9 9 9 7 E 3 4 4 4 6 W 3 4 4 4 6 140	# 9 N/EW Opt. res. -100 ♠K5 ♥JT976432 ♦T3 ♣J ♠Q9742 ♥KQ8 ♦AKJ ♣93 5 15 9 11 ♠AJT ♥5 ♦76 ♣AQT8764 ♠863 ♥A ♦Q98542 ♣K52 N 4 5 5 8 3 S 4 5 5 8 3 E 8 8 3 8 4 W 9 8 3 8 4 600
# 10 E/AI Opt. res. 90 ♠JT984 ♥J4 ♦754 ♣KT5 ♠K ♥AKQT9 ♦Q8 ♣QJ962 5 17 3 15 ♠A ♥7532 ♦AK63 ♣A743 ♠Q76532 ♥86 ♦JT92 ♣8 N 6 6 6 7 6 S 6 6 6 7 6 E 7 6 7 5 6 W 7 6 7 5 6 90	# 11 S/None Opt. res. -100 ♠Q92 ♥T93 ♦KJ9 ♣J983 ♠K6 ♥AKQ52 ♦62 ♣QT62 7 14 6 13 ♠A843 ♥84 ♦AQT84 ♣K4 ♠JT75 ♥J76 ♦753 ♣A75 N 6 8 4 9 5 S 6 8 4 9 5 E 6 5 9 4 7 W 6 5 9 4 7 140	# 12 W/NS Opt. res. 140 ♠Q ♥KQJT64 ♦KQ962 ♣3 ♠A2 ♥985 ♦8743 ♣JT76 13 5 13 9 ♠K8763 ♥A ♦T5 ♣Q8542 ♠JT954 ♥732 ♦AJ ♣AK9 N 6 6 6 6 5 S 6 6 6 6 5 E 5 6 4 4 7 W 5 6 4 4 7 70
# 13 N/AI Opt. res. -110 ♠A8 ♥J94 ♦AJ9 ♣QT852 ♠KJ3 ♥AKQT72 ♦875 ♣K 12 16 2 10 ♠Q64 ♥653 ♦K42 ♣AJ96 ♠T9752 ♥8 ♦QT63 ♣743 N 7 4 4 5 8 S 7 4 4 5 8 E 4 8 8 7 4 W 4 8 8 7 4 110	# 14 E/None Opt. res. 990 ♠QT8 ♥7532 ♦AKQ42 ♣3 ♠AJ95432 ♥- ♦T98 ♣842 11 5 6 18 ♠K7 ♥AKJ6 ♦75 ♣AKT97 ♠6 ♥QT984 ♦J63 ♣QJ65 N 12 8 10 7 8 S 12 8 10 7 8 E 1 5 2 1 3 W 1 5 2 1 3 990	# 15 S/NS Opt. res. -120 ♠QJ42 ♥K653 ♦AQ7 ♣65 ♠AK85 ♥J98 ♦T62 ♣KJT 12 12 9 7 ♠T7 ♥74 ♦K84 ♣A98742 ♠963 ♥AQT2 ♦J953 ♣Q3 N 5 6 5 5 7 S 5 6 5 5 7 E 8 7 8 8 6 W 8 7 8 8 6 120
# 16 W/EW Opt. res. -300 ♠Q6 ♥AQ9632 ♦K54 ♣54 ♠AKJ98432 ♥4 ♦J9 ♣KJ 11 13 5 11 ♠75 ♥KT87 ♦QT2 ♣AQ86 ♠T ♥J5 ♦A8763 ♣T9732 N 4 3 9 5 6 S 4 3 9 5 6 E 5 10 4 7 6 W 5 10 4 7 6 620	# 17 N/None Opt. res. 420 ♠AK93 ♥J64 ♦KT ♣AK53 ♠52 ♥KT97 ♦J ♣JT7642 18 5 8 9 ♠QJT8 ♥A2 ♦Q8742 ♣98 ♠764 ♥Q853 ♦A9653 ♣Q N 9 10 6 9 5 S 9 10 6 9 5 E 4 2 7 4 6 W 4 2 7 4 6 80	# 18 E/NS Opt. res. -420 ♠T4 ♥AQ542 ♦63 ♣KQ82 ♠QJ853 ♥KJ76 ♦AT5 ♣4 11 11 12 6 ♠K72 ♥983 ♦QJ94 ♣T65 ♠A96 ♥T ♦K872 ♣AJ973 N 5 3 3 6 4 S 5 3 3 6 4 E 8 10 7 8 7 W 8 10 7 8 7 420

N HPC E HPC S HPC W HPC |---Voids---| |---Singletons---| |->=7suit -| |---Balanced---|

9.64 8.73 10.88 10.76 | 0 0 3 2 | 14 15 9 9 | 3 0 2 2 | 14 17 19 22



# 19 S/EW Opt. res. 140 ♠52 ♥A6 ♦K8 ♣K986543 ♠K9873 ♥Q74 ♦A52 ♣QT 10 11 12 7 ♠T64 ♥KT9532 ♦T64 ♣A	# 20 W/All Opt. res. -140 ♠A3 ♥63 ♦A87543 ♣954 ♠Q9652 ♥AT8 ♦KQ ♣T82 8 11 12 9 ♠K4 ♥QJ9742 ♦T6 ♣QJ7	# 21 N/NS Opt. res. -120 ♠T983 ♥5 ♦A7654 ♣986 ♠Q74 ♥93 ♦QJT82 ♣AT2 4 9 12 15 ♠KJ ♥KQJ842 ♦3 ♣KQ73
# 22 E/EW Opt. res. -1440 ♠985 ♥8765 ♦AJ ♣J532 ♠AK2 ♥J9 ♦Q964 ♣AQT8 6 16 12 6 ♠QJ ♥KT432 ♦T32 ♣764	# 23 S/All Opt. res. 140 ♠QT9654 ♥K92 ♦KJ ♣T3 ♠AK83 ♥T3 ♦T87 ♣KJ97 9 11 11 9 ♠- ♥AQJ87 ♦Q6542 ♣542	# 24 W/None Opt. res. -980 ♠QJ9852 ♥32 ♦Q8 ♣643 ♠A73 ♥AKQ9 ♦JT75 ♣K2 5 17 9 9 ♠KT4 ♥T54 ♦A632 ♣Q75
# 25 N/EW Opt. res. 450 ♠T643 ♥AJT2 ♦K53 ♣K3 ♠QJ2 ♥983 ♦864 ♣QT52 11 5 5 19 ♠AK98 ♥KQ ♦Q92 ♣AJ98	# 26 E/All Opt. res. 1440 ♠J ♥AKQJ94 ♦96 ♣KJ72 ♠T8762 ♥72 ♦A72 ♣Q53 15 6 3 16 ♠AQ53 ♥- ♦KQJ843 ♣A98	# 27 S/None Opt. res. -450 ♠J ♥KT5 ♦T762 ♣JT985 ♠82 ♥A97 ♦AJ843 ♣A42 5 13 11 11 ♠7654 ♥QJ4 ♦KQ9 ♣K76
# 28 W/NS Opt. res. -460 ♠874 ♥T76432 ♦K86 ♣Q ♠J3 ♥AKJ8 ♦QT3 ♣AK52 5 18 9 8 ♠AKT96 ♥5 ♦J975 ♣874	# 29 N/All Opt. res. -500 ♠K ♥Q64 ♦JT75432 ♣A9 ♠QT543 ♥AKJT5 ♦Q8 ♣6 10 12 10 8 ♠J872 ♥2 ♦AK6 ♣T5432	# 30 E/None Opt. res. 420 ♠AT8754 ♥K62 ♦Q6 ♣96 ♠K962 ♥43 ♦A854 ♣AT5 9 11 5 15 ♠Q3 ♥AQJT8 ♦K2 ♣QJ84
# 31 S/NS Opt. res. 600 ♠KJ7 ♥Q84 ♦Q5 ♣KJ652 ♠AT632 ♥52 ♦T7 ♣T743 12 4 12 12 ♠Q5 ♥KT93 ♦J932 ♣AQ8	# 32 W/EW Opt. res. 420 ♠J742 ♥AK ♦AQ875 ♣K7 ♠3 ♥J7632 ♦JT64 ♣982 17 2 16 5 ♠KQT9865 ♥T9 ♦- ♣6543	# 33 N/None Opt. res. -100 ♠84 ♥AT72 ♦AKJ54 ♣T3 ♠J96 ♥KQ6 ♦92 ♣AQJ95 12 13 8 7 ♠A5 ♥J98 ♦QT763 ♣764

N HPC E HPC S HPC W HPC
 9.64 8.73 10.88 10.76

---Voids---
 0 0 3 2

--Singletons--
 14 15 9 9

->=7suit -
 3 0 2 2

---Balanced---
 14 17 19 22