

HKCBA

# 1 ♠ QJ96543 N/None ♥ K73 Opt. res. -460 ♣ JT ♠ AKT2 ♠ 7 ♥ 654 ♥ AQJ82 ♦ QJ65 ♦ K43 ♣ A9 ♣ 7642 11 ♠ 8 14 10 ♥ T9 5 ♦ T9872 ♣ KQ853 N S N 2 2 S 6 6 H 2 2 D 4 4 C 5 5 -50 E W E 11 11 S 7 7 H 10 10 D 9 9 C 8 8 460	# 2 ♠ 97 E/NS ♥ QT2 Opt. res. -140 ♦ KT63 ♣ KJ73 ♠ KT8 ♠ J32 ♥ K8653 ♥ J974 ♦ 98 ♦ AQ2 ♣ AT8 ♣ Q54 9 ♠ AQ654 10 10 ♥ A 11 ♦ J754 ♣ 962 N S N 5 5 S 6 6 H 4 4 D 8 8 C 6 6 90 E W E 7 7 S 6 6 H 9 9 D 5 5 C 6 6 140	# 3 ♠ 743 S/EW ♥ K6432 Opt. res. -800 ♦ Q9 ♣ 742 ♠ AQ96 ♠ JT852 ♥ QT987 ♥ A5 ♦ K65 ♦ J42 ♣ 6 ♣ A53 5 ♠ K 11 10 ♥ J 14 ♦ AT873 ♣ KQJT98 N S N 3 3 S 1 1 H 3 3 D 6 6 C 9 9 110 E W E 8 8 S 12 12 H 9 9 D 6 6 C 4 4 1430
# 4 ♠ T43 W/All ♥ AJ54 Opt. res. 130 ♦ K83 ♣ T64 ♠ AQ98 ♠ KJ76 ♥ 9 ♥ T8732 ♦ AQJT9 ♦ 654 ♣ 852 ♣ J 8 ♠ 52 13 5 ♥ KQ6 14 ♦ 72 ♣ AKQ973 N S N 8 8 S 3 3 H 7 7 D 3 3 C 10 10 130 E W E 3 3 S 9 9 H 6 6 D 8 8 C 2 2 140	# 5 ♠ AQ9 N/NS ♥ K653 Opt. res. 300 ♦ QJT93 ♣ A ♠ JT843 ♠ 6 ♥ Q742 ♥ A9 ♦ A5 ♦ K42 ♣ Q2 ♣ JT98753 16 ♠ K752 9 8 ♥ JT8 7 ♦ 876 ♣ K64 N S N 7 7 S 8 8 H 8 8 D 9 9 C 4 4 110 E W E 5 5 S 5 5 H 4 4 D 4 4 C 8 8 90	# 6 ♠ J64 E/EW ♥ K986 Opt. res. 110 ♦ 54 ♣ AKJ6 ♠ 32 ♠ KQ5 ♥ AJ4 ♥ QT5 ♦ KQT83 ♦ AJ2 ♣ Q84 ♣ T732 12 ♠ AT987 12 12 ♥ 732 4 ♦ 976 ♣ 95 N S N 5 5 S 8 8 H 7 7 D 5 5 C 6 6 110 E W E 7 7 S 5 5 H 5 5 D 8 8 C 6 6 90
# 7 ♠ QT64 S/All ♥ J74 Opt. res. -110 ♦ T854 ♣ T8 ♠ 9853 ♠ K ♥ KT93 ♥ Q86 ♦ 72 ♦ QJ9 ♣ AQ2 ♣ J97643 3 ♠ AJ72 9 9 ♥ A52 19 ♦ AK63 ♣ K5 N S N 7 7 S 8 8 H 6 6 D 8 8 C 4 4 110 E W E 5 5 S 5 5 H 7 7 D 5 5 C 9 9 110	# 8 ♠ - W/None ♥ K76 Opt. res. 140 ♦ KJ742 ♣ K9832 ♠ K9743 ♠ JT2 ♥ J3 ♥ Q95 ♦ A86 ♦ Q53 ♣ AJ6 ♣ T754 10 ♠ AQ865 13 5 ♥ AT842 12 ♦ T9 ♣ Q N S N 7 7 S 7 7 H 9 9 D 9 9 C 8 8 140 E W E 5 5 S 6 6 H 3 3 D 4 4 C 5 5 -50	# 9 ♠ AQ93 N/EW ♥ K6 Opt. res. 400 ♦ KQT8 ♣ J92 ♠ K6 ♠ JT742 ♥ Q5 ♥ T973 ♦ J97652 ♦ - ♣ T83 ♣ AKQ7 15 ♠ 85 6 10 ♥ AJ842 9 ♦ A43 ♣ 654 N S N 9 9 S 7 6 H 8 8 D 9 9 C 7 7 400 E W E 3 3 S 6 7 H 4 4 D 4 4 C 5 5 80
# 10 ♠ T82 E/All ♥ Q987 Opt. res. 1400 ♦ AKJ ♣ K84 ♠ J ♠ 954 ♥ K2 ♥ T6543 ♦ Q9843 ♦ 7 ♣ AQT75 ♣ J632 13 ♠ AKQ763 12 1 ♥ AJ 14 ♦ T652 ♣ 9 N S N 11 12 S 11 12 H 8 8 D 9 10 C 4 4 1440 E W E 1 1 S 1 1 H 4 4 D 3 3 C 8 8 90	# 11 ♠ Q92 S/None ♥ J Opt. res. -420 ♦ KT876 ♣ K876 ♠ AJ8 ♠ T75 ♥ A932 ♥ KQT85 ♦ J952 ♦ 3 ♣ 32 ♣ AJT4 9 ♠ K643 10 10 ♥ 764 11 ♦ AQ4 ♣ Q95 N S N 6 6 S 6 6 H 3 3 D 8 8 C 7 6 90 E W E 7 7 S 6 6 H 10 10 D 5 5 C 6 6 420	# 12 ♠ T4 W/NS ♥ 8542 Opt. res. -140 ♦ Q63 ♣ AJ54 ♠ AJ8532 ♠ K ♥ AQ3 ♥ J76 ♦ - ♦ AJ842 ♣ K976 ♣ T832 7 ♠ Q976 14 9 ♥ KT9 10 ♦ KT975 ♣ Q N S N 5 5 S 4 4 H 5 5 D 5 5 C 3 3 -200 E W E 8 8 S 9 9 H 8 8 D 7 7 C 9 10 140
# 13 ♠ 94 N/All ♥ KT42 Opt. res. -1370 ♦ 753 ♣ T974 ♠ KQ53 ♠ A2 ♥ J8765 ♥ AQ9 ♦ QT8 ♦ AKJ92 ♣ 3 ♣ J52 3 ♠ JT876 8 19 ♥ 3 10 ♦ 64 ♣ AKQ86 N S N 1 1 S 4 4 H 1 1 D 1 1 C 7 7 70 E W E 8 8 S 8 8 H 11 11 D 12 12 C 6 6 1370	# 14 ♠ 652 E/None ♥ 8 Opt. res. 980 ♦ AK98643 ♣ A4 ♠ 94 ♠ 8 ♥ J7654 ♥ AKQ93 ♦ QJ ♦ T52 ♣ T986 ♣ K532 11 ♠ AKQJT73 4 12 ♥ T2 13 ♦ 7 ♣ QJ7 N S N 8 8 S 12 12 H 5 5 D 10 10 C 6 5 980 E W E 2 2 S 0 0 H 8 8 D 2 2 C 6 6 110	

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

9.43 9.29 10.93 10.36 1 1 0 1 4 8 9 4 2 1 1 0 9 5 5 8

HKCBA

# 15 ♠ A64 S/NS ♥ K42 Opt. res. -120 ♠ 875 ♠ KQT ♥ Q98 ♥ A65 ♦ AQ82 ♦ J64 ♣ A75 ♣ QT42 11 ♠ J932 12 12 ♥ JT73 5 ♦ 5 ♠ K986 N 5 5 S 6 6 H 6 6 D 5 5 C 5 5 -100 E 8 8 W 8 7 N 7 7 S 7 7 H 8 8 D 8 8 C 7 8 120	# 16 ♠ A5 W/EW ♥ AQ75 Opt. res. -90 ♠ KQ98 ♠ 643 ♥ 96432 ♥ T8 ♦ AQ8 ♦ J7 ♣ 8 ♣ AKJT95 13 ♠ JT72 11 9 ♥ KJ 7 ♦ T432 ♠ Q63 N 7 7 S 6 6 H 6 6 D 8 8 C 5 5 90 E 6 6 W 6 7 N 7 7 S 7 7 H 5 5 D 5 5 C 8 8 90	# 17 ♠ Q N/None ♥ AK73 Opt. res. -100 ♠ AJT97632 ♠ 54 ♥ T952 ♥ QJ4 ♦ 5 ♦ AJ ♣ - ♣ AJT532 15 ♠ K8 5 13 ♥ 86 7 ♦ Q9843 ♠ Q986 N 4 4 S 3 3 H 7 7 D 9 10 C 7 7 130 E 6 6 W 6 10 N 10 10 S 6 6 H 6 6 D 3 3 C 6 6 420
# 18 ♠ 754 E/NS ♥ 9876 Opt. res. -430 ♠ 86 ♠ AJ93 ♥ QJ5 ♥ AK42 ♦ KJT4 ♦ 7 ♣ T876 ♣ AK52 0 ♠ KQT2 7 19 ♥ T3 14 ♦ AQ95 ♠ QJ9 N 3 3 S 4 4 H 3 3 D 5 5 C 2 2 -200 E 10 9 W 9 8 N 10 10 S 9 8 H 10 10 D 8 8 C 10 10 430	# 19 ♠ T852 S/EW ♥ K6 Opt. res. 420 ♠ Q4 ♠ J6 ♥ AJT85 ♥ Q9732 ♦ KT97 ♦ 85 ♣ 96 ♣ AQ85 4 ♠ AK973 10 9 ♥ 4 17 ♦ AQ42 ♠ KJ7 N 8 8 S 10 10 H 5 5 D 9 9 C 8 8 420 E 4 4 W 4 4 N 3 3 S 3 3 H 8 8 D 4 4 C 5 4 110	# 20 ♠ J83 W/All ♥ KJ Opt. res. -620 ♠ AKQT42 ♠ 5 ♥ 8 ♥ A96543 ♦ 963 ♦ AQ42 ♣ A94 ♣ T3 7 ♠ 976 13 10 ♥ QT72 10 ♦ K85 ♠ KQ2 N 3 3 S 3 3 H 4 4 D 3 3 C 5 5 -200 E 9 9 W 9 10 N 10 10 S 9 9 H 9 9 D 9 9 C 7 7 620
# 21 ♠ KT N/NS ♥ K86 Opt. res. 110 ♠ J863 ♠ AQ94 ♥ A542 ♥ 973 ♦ T63 ♦ A72 ♣ T2 ♣ 753 16 ♠ 752 5 10 ♥ QJT 9 ♦ KJ9 ♠ Q964 N 7 7 S 6 6 H 6 6 D 8 8 C 9 9 110 E 6 6 W 6 7 N 7 7 S 7 6 H 6 6 D 4 4 C 4 4 80	# 22 ♠ 8742 E/EW ♥ AKQT9 Opt. res. 980 ♠ KT ♠ Q5 ♥ 32 ♥ 865 ♦ Q94 ♦ 82 ♣ AKQ643 ♣ T98752 16 ♠ AJ963 14 2 ♥ J74 8 ♦ JT65 ♠ J N 7 7 S 12 12 H 12 12 D 12 12 C 5 5 980 E 3 3 W 3 3 N 1 1 S 1 1 H 1 1 D 1 1 C 8 8 90	# 23 ♠ KQ2 S/All ♥ AQ84 Opt. res. -110 ♠ A97654 ♠ J3 ♥ KT3 ♥ J6 ♦ 5 ♦ AKQ3 ♣ K52 ♣ JT874 18 ♠ T8 10 12 ♥ 9752 0 ♦ T8762 ♠ 96 N 5 5 S 5 5 H 7 7 D 7 7 C 4 4 80 E 6 7 W 6 8 N 6 8 S 6 6 H 5 6 D 6 6 C 8 9 110
# 24 ♠ KQJ2 W/None ♥ A64 Opt. res. 420 ♠ 64 ♠ 875 ♥ JT52 ♥ Q98 ♦ AKJ4 ♦ Q865 ♣ JT2 ♣ K95 12 ♠ AT93 10 7 ♥ K73 11 ♦ T ♠ A8764 N 7 7 S 10 10 H 7 7 D 6 6 C 9 9 420 E 6 6 W 6 3 N 3 3 S 3 3 H 5 5 D 7 7 C 4 4 70	# 25 ♠ 642 N/EW ♥ KJ53 Opt. res. 90 ♠ T85 ♠ K97 ♥ QT76 ♥ A4 ♦ A2 ♦ K8743 ♣ K763 ♣ T54 8 ♠ AQJ3 9 10 ♥ 982 13 ♦ T96 ♠ AQ2 N 7 7 S 7 7 H 7 7 D 6 6 C 6 6 90 E 5 5 W 5 6 N 6 6 S 6 6 H 6 6 D 6 6 C 7 6 70	# 26 ♠ A84 E/All ♥ AT653 Opt. res. 120 ♠ T7653 ♠ KQ2 ♥ KQ2 ♥ J974 ♦ K8 ♦ JT95 ♣ 652 ♣ A3 8 ♠ J9 8 11 ♥ 8 13 ♦ AQ63 ♠ KQJ874 N 7 8 S 5 5 H 5 6 D 7 7 C 9 9 120 E 5 5 W 5 8 N 8 8 S 7 7 H 7 7 D 4 4 C 4 4 110
# 27 ♠ QT83 S/None ♥ A97 Opt. res. -140 ♠ K ♠ J9742 ♥ KQT863 ♥ 52 ♦ K962 ♦ AJ4 ♣ A4 ♣ 873 8 ♠ A65 15 6 ♥ J4 11 ♦ Q753 ♠ KJT2 N 3 4 S 6 6 H 4 4 D 3 4 C 8 8 90 E 7 7 W 7 6 N 9 9 S 8 8 H 8 8 D 5 5 C 5 5 140	# 28 ♠ QT985 W/NS ♥ 8 Opt. res. -1520 ♠ AJ2 ♠ K4 ♥ AJ95 ♥ Q7 ♦ A63 ♦ 85 ♣ 764 ♣ AKQ9852 9 ♠ 763 14 14 ♥ KT6432 3 ♦ 974 ♠ 3 N 0 0 S 6 6 H 4 4 D 6 6 C 0 0 -100 E 7 7 W 7 13 N 13 13 S 6 7 H 9 9 D 7 7 C 13 13 1520	

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

10.36 10.29 9.14 10.21 1 0 0 1 2 2 6 5 0 1 0 1 11 8 8 8