



# 1 N/None Opt. res. -100 ♠86 ♥Q ♦KQJ97543 ♣J6 ♠AKQJ ♥KJ9732 ♦6 ♣87 ♠T753 ♥A4 ♦T82 ♣KT42 ♠942 ♥T865 ♦A ♣AQ953 N 2 2 2 2 S 2 2 2 2 H 10 10 10 10 D 6 6 6 6 C 130 E 10 10 10 10 W 10 10 10 10 N 10 10 10 10 S 10 10 10 10 H 10 10 10 10 D 10 10 10 10 C 430	# 2 E/NS Opt. res. -110 ♠96 ♥AKT987 ♦K3 ♣QT3 ♠A ♥QJ54 ♦Q85 ♣KJ752 ♠KJT873 ♥- ♦T976 ♣A64 ♠Q542 ♥632 ♦AJ42 ♣98 N 6 5 8 5 S 6 5 8 5 H 5 4 4 4 D 110 E 5 5 5 5 W 5 5 5 5 N 5 5 5 5 S 5 5 5 5 H 5 5 5 5 D 5 5 5 5 C 110	# 3 S/EW Opt. res. 130 ♠87 ♥9 ♦AJT97543 ♣J7 ♠K2 ♥KQ76 ♦K ♣KQ6432 ♠QJT6 ♥AJT ♦862 ♣T85 ♠A9543 ♥85432 ♦Q ♣A9 N 9 5 5 5 S 9 5 5 5 H 10 10 10 10 D 3 3 3 3 C 400 E 9 9 9 9 W 9 9 9 9 N 9 9 9 9 S 9 9 9 9 H 9 9 9 9 D 9 9 9 9 C 110
# 4 W/AI Opt. res. -650 ♠A95 ♥KT4 ♦642 ♣JT83 ♠K42 ♥9732 ♦KT ♣KQ75 ♠QJ83 ♥A8 ♦AQJ3 ♣A42 ♠T76 ♥QJ65 ♦9875 ♣96 N 2 2 2 2 S 2 2 2 2 H 4 4 4 4 D 3 3 3 3 C 650 E 9 9 11 11 W 9 9 11 11 N 9 9 11 11 S 9 9 11 11 H 9 9 11 11 D 9 9 11 11 C 650	# 5 N/NS Opt. res. -110 ♠62 ♥9642 ♦Q743 ♣QJT ♠543 ♥QJT ♦KT52 ♣865 ♠AKT98 ♥A8 ♦AJ6 ♣743 ♠QJ7 ♥K753 ♦98 ♣AK92 N 5 5 7 6 S 5 5 7 6 H 7 6 7 6 D 80 E 7 7 8 8 W 7 7 8 8 N 7 7 8 8 S 7 7 8 8 H 7 7 8 8 D 7 7 8 8 C 110	# 6 E/EW Opt. res. -100 ♠T65 ♥K53 ♦Q77 ♣KT53 ♠97 ♥Q964 ♦984 ♣Q976 ♠AK3 ♥JT2 ♦AK3 ♣A842 ♠QJ842 ♥A87 ♦J652 ♣J N 5 5 5 5 S 5 5 5 5 H 6 4 4 4 D 110 E 5 5 5 5 W 5 5 5 5 N 5 5 5 5 S 5 5 5 5 H 5 5 5 5 D 5 5 5 5 C 110
# 7 S/AI Opt. res. -120 ♠J975 ♥KQ743 ♦- ♣J853 ♠K2 ♥A9652 ♦A64 ♣AK2 ♠T83 ♥JT ♦KJT75 ♣QT7 ♠AQ64 ♥8 ♦Q9832 ♣964 N 5 6 5 3 S 5 7 5 4 H 6 6 6 6 D 80 E 8 8 8 8 W 8 8 8 8 N 8 8 8 8 S 8 8 8 8 H 8 8 8 8 D 8 8 8 8 C 120	# 8 W/None Opt. res. -990 ♠96 ♥T875 ♦A9632 ♣84 ♠AJ32 ♥643 ♦QJ ♣AT75 ♠K874 ♥AK ♦KT5 ♣KQJ9 ♠QT5 ♥QJ92 ♦874 ♣632 N 1 1 1 1 S 1 1 1 1 H 4 4 4 4 D 1 E 12 12 12 12 W 12 12 12 12 N 12 12 12 12 S 12 12 12 12 H 12 12 12 12 D 990	# 9 N/EW Opt. res. -140 ♠AJ543 ♥J ♦52 ♣AKJ93 ♠Q ♥A973 ♦KQ984 ♣876 ♠KT9872 ♥K82 ♦A63 ♣Q ♠6 ♥QT654 ♦JT7 ♣T542 N 6 5 4 4 S 6 5 4 4 H 3 3 3 3 D 90 E 7 8 8 8 W 7 8 8 8 N 7 8 8 8 S 7 8 8 8 H 10 10 10 10 D 140
# 10 E/AI Opt. res. 140 ♠9874 ♥JT52 ♦T ♣QT43 ♠6532 ♥Q86 ♦752 ♣K76 ♠AT ♥K93 ♦QJ986 ♣952 ♠KQJ ♥A74 ♦AK43 ♣AJ8 N 8 9 9 9 S 8 9 9 9 H 7 7 7 7 D 140 E 4 4 4 4 W 4 4 4 4 N 4 4 4 4 S 4 4 4 4 H 4 4 4 4 D 3 3 3 3	# 11 S/None Opt. res. -300 ♠J73 ♥JT98764 ♦JT4 ♣- ♠QT6 ♥A5 ♦75 ♣AK7432 ♠AK8542 ♥KQ2 ♦2 ♣T86 ♠9 ♥3 ♦AKQ9863 ♣QJ95 N 2 2 2 2 S 2 2 2 2 H 7 7 7 7 D 110 E 6 6 6 6 W 6 6 6 6 N 6 6 6 6 S 6 6 6 6 H 6 6 6 6 D 420	# 12 W/NS Opt. res. -450 ♠QT ♥KQT ♦QJT2 ♣8764 ♠KJ754 ♥86 ♦764 ♣AQ9 ♠9832 ♥A973 ♦AK ♣K32 ♠A6 ♥J542 ♦9853 ♣JT5 N 3 2 2 2 S 3 2 2 2 H 5 5 5 5 D 4 E 10 10 10 10 W 10 10 10 10 N 10 10 10 10 S 10 10 10 10 H 8 8 8 8 D 450
# 13 N/AI Opt. res. -500 ♠Q95 ♥J9742 ♦KQ9 ♣J3 ♠AJT64 ♥T6 ♦5 ♣KQT98 ♠832 ♥AQ53 ♦JT7 ♣A65 ♠K7 ♥K8 ♦A86432 ♣742 N 6 3 3 3 S 6 3 3 3 H 6 6 6 6 D 110 E 7 7 7 7 W 7 7 7 7 N 7 7 7 7 S 7 7 7 7 H 7 7 7 7 D 620	# 14 E/None Opt. res. -90 ♠AK4 ♥T875 ♦54 ♣A875 ♠JT9 ♥KQ63 ♦J873 ♣T2 ♠Q753 ♥9 ♦AQ96 ♣KQJ9 ♠862 ♥AJ42 ♦KT2 ♣643 N 5 5 7 5 S 5 6 7 5 H 5 5 5 5 D 80 E 7 7 7 7 W 7 7 7 7 N 7 7 7 7 S 7 7 7 7 H 7 7 7 7 D 90	# 15 S/NS Opt. res. -420 ♠3 ♥J732 ♦AKT6 ♣KT52 ♠AQJT9 ♥T ♦J8 ♣A9764 ♠K7542 ♥AKQ ♦732 ♣83 ♠86 ♥98654 ♦Q954 ♣QJ N 4 4 1 1 S 4 4 1 1 H 8 8 8 8 D 110 E 9 9 10 10 W 9 9 10 10 N 9 9 10 10 S 9 9 10 10 H 5 5 5 5 D 420
# 16 W/EW Opt. res. 430 ♠AQ42 ♥85 ♦AT75 ♣AJ3 ♠J3 ♥JT62 ♦862 ♣T954 ♠KT986 ♥A74 ♦J93 ♣K6 ♠75 ♥KQ93 ♦KQ4 ♣Q872 N 10 10 10 10 S 10 10 10 10 H 10 10 10 10 D 430 E 10 10 10 10 W 10 10 10 10 N 10 10 10 10 S 10 10 10 10 H 10 10 10 10 D 430	# 17 N/None Opt. res. 420 ♠Q7 ♥KQ54 ♦K43 ♣AJ62 ♠KJ85 ♥J9 ♦QJT5 ♣QT3 ♠AT42 ♥A87 ♦972 ♣874 ♠963 ♥T632 ♦A86 ♣K95 N 8 6 6 6 S 8 6 6 6 H 10 10 10 10 D 420 E 5 5 5 5 W 5 5 5 5 N 5 5 5 5 S 5 5 5 5 H 5 5 5 5 D 80	# 18 E/NS Opt. res. 620 ♠J876 ♥K2 ♦T62 ♣AQ54 ♠3 ♥AJ874 ♦Q5 ♣KT632 ♠A952 ♥Q95 ♦J874 ♣J9 ♠KQT4 ♥T63 ♦AK93 ♣87 N 8 8 10 10 S 8 8 10 10 H 5 5 5 5 D 620 E 3 3 3 3 W 3 3 3 3 N 3 3 3 3 S 3 3 3 3 H 3 3 3 3 D 80

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

10.17 10.53 9.89 9.42 | 2 1 0 0 | 11 12 17 12 | 4 1 1 0 | 21 21 18 20

[illegible]