

# 1 ♠2 N/None ♥KQJ842 Opt. res. -450 ♣J3 T865 ♠KT65 ♠Q974 ♥5 ♥A96 ♦AQ T6 ♦K874 ♣A732 ♣KQ 7 ♠AJ83 13 ♥T73 14 ♥952 6 ♣J94 N 2 1 7 1 2 S 2 1 7 1 2 N S H D C 80 E W N 10 10 S 11 11 H 6 6 D 6 6 C 9 9 450	# 2 ♠K8 E/NS ♥KJ753 Opt. res. 620 ♣J632 ♠QT53 ♠J972 ♥Q8 ♥T6 ♦K852 ♦T97 ♣AQ8 ♣KT75 9 ♠A64 13 ♥A942 4 ♥AQ64 14 ♣94 N 8 6 6 6 S 8 6 6 6 N S H D C 620 E W N 5 5 5 5 S 6 6 6 6 H 3 3 3 3 D 4 4 4 4 C 6 6 6 6 -50	# 3 ♠76 S/EW ♥Q952 Opt. res. 110 ♣Q9543 ♣65 ♠T5 ♠KQ42 ♥A83 ♥T74 ♦AJ7 ♦T62 ♣AQ872 ♣943 4 ♠AJ983 5 ♥KJ6 15 ♥K8 16 ♣KJT N 6 7 7 7 S 6 7 7 7 N S H D C 110 E W N 7 7 6 6 S 5 5 5 5 H 6 6 6 6 D 7 7 7 7 C 9 9 9 9 70	# 4 ♠K74 W/All ♥82 Opt. res. -1440 ♣T873 ♣J982 ♠52 ♠AQT986 ♥KJ4 ♥Q76 ♦AQJ965 ♦K4 ♣AQ ♣T6 4 ♠J3 17 ♥AT953 11 ♥2 8 ♣K7543 N 1 1 1 1 S 1 1 1 1 N S H D C 70 E W N 12 12 S 11 11 H 9 9 D 12 12 C 6 6 1440	# 5 ♠AKQ5 N/NS ♥J8 Opt. res. -110 ♣KJ964 ♣T7 ♠J2 ♠T9843 ♥A543 ♥76 ♦QT8 ♦A3 ♣J963 ♣AKQ8 14 ♠76 8 ♥KQT92 13 ♥752 5 ♣542 N 6 5 5 5 S 6 5 5 5 N S H D C 110 E W N 7 8 5 5 S 5 5 5 5 H 5 5 5 5 D 8 9 C 110
# 6 ♠AJ53 E/EW ♥J74 Opt. res. 420 ♣KJT87 ♣A ♠Q62 ♠K84 ♥Q98 ♥K632 ♦652 ♦4 ♣KT76 ♣QJ982 14 ♠T97 9 ♥AT5 10 ♥AQ93 10 ♣543 N 8 8 8 S 10 10 N S H D C 420 E W N 3 3 3 3 S 6 6 6 6 H 2 2 2 2 D 7 7 7 7 C 70	# 7 ♠K2 S/All ♥KQJT53 Opt. res. 800 ♣JT976 ♣- ♠QJ5 ♠AT7643 ♥962 ♥8 ♦83 ♦A5 ♣T9872 ♣AKQ4 10 ♠98 3 ♥A74 17 ♥KQ42 10 ♣J653 N 7 2 2 S 4 2 2 N S H D C 620 E W N 5 9 9 9 S 3 3 3 3 H 5 5 5 5 D 9 9 9 9 C 140	# 8 ♠A W/None ♥AQ7643 Opt. res. 400 ♣AKJ87 ♠J9 ♠QT752 ♥KJT92 ♥8 ♦T9 ♦AKQ832 ♣9532 ♣4 18 ♠K8643 5 ♥5 11 ♥J654 6 ♣QT6 N 9 7 7 S 7 7 7 N S H D C 400 E W N 4 6 6 6 S 5 5 5 5 H 7 7 7 7 D 1 1 2 C 70	# 9 ♠J62 N/EW ♥84 Opt. res. -1440 ♣AJT ♣Q9842 ♠K93 ♠AT ♥JT6532 ♥AK9 ♦K5 ♦Q873 ♣K5 ♣AJ63 8 ♠Q8754 10 ♥Q7 18 ♥9642 4 ♣T7 N 12 12 S 11 11 N S H D C -150 E W N 12 12 S 8 8 H 12 12 D 10 10 C 10 10 1440	# 10 ♠AKJ872 E/All ♥AK Opt. res. 2220 ♣AK7 ♣T2 ♠5 ♠63 ♥8753 ♥QJT62 ♦T843 ♦92 ♣J754 ♣Q986 22 ♠QT94 1 ♥94 5 ♥QJ65 12 ♣AK3 N 13 13 S 13 13 N S H D C 2220 E W N 0 0 0 0 S 0 0 0 0 H 6 6 6 6 D 0 0 0 0 C -100
# 11 ♠T85 S/None ♥T97543 Opt. res. -400 ♣J4 ♣K2 ♠A6432 ♠97 ♥Q ♥J2 ♦A9876 ♦Q ♣Q4 ♣AJT98653 4 ♠KQJ 12 ♥AK86 8 ♥KT532 16 ♣7 N 3 4 4 S 3 4 4 N S H D C 110 E W N 7 7 8 8 S 3 3 3 3 H 5 5 5 5 D 11 11 C 400	# 12 ♠AKT74 W/NS ♥AT9 Opt. res. -120 ♣74 ♣AQ5 ♠Q982 ♠J3 ♥K8653 ♥Q2 ♦T8 ♦AKQJ9 ♣86 ♣KJ73 17 ♠65 5 ♥J74 17 ♥6532 1 ♣T942 N 5 5 5 S 5 5 5 N S H D C -100 E W N 8 8 8 8 S 7 7 7 7 H 8 8 8 8 D 8 8 8 8 C 120	# 13 ♠AQ876 N/All ♥KJ3 Opt. res. -630 ♣K5 ♣J97 ♠K52 ♠J3 ♥T ♥AQ962 ♦A932 ♦QT7 ♣AKQT4 ♣862 14 ♠T94 9 ♥8754 16 ♥J864 1 ♣53 N 3 3 3 3 S 3 3 3 3 N S H D C -200 E W N 10 10 S 7 7 7 H 9 9 9 D 9 10 C 10 11 630	# 14 ♠AT2 E/None ♥94 Opt. res. 140 ♣K875 ♣QJ95 ♠74 ♠J9 ♥AKQT87 ♥J53 ♦T6 ♦J432 ♣A43 ♣KT72 10 ♠KQ8653 13 ♥62 6 ♥AQ9 11 ♣86 N 5 5 5 S 5 5 5 N S H D C 140 E W N 4 4 4 S 8 8 8 H 5 5 5 D 6 6 6 C 110	# 15 ♠K9743 S/NS ♥QJ Opt. res. 650 ♣Q86 ♣AJ7 ♠AQ ♠J852 ♥973 ♥T82 ♦K543 ♦AJ972 ♣9543 ♣K 13 ♠T6 9 ♥AK654 9 ♥T 9 ♣QT862 N 7 8 S 8 8 N S H D C 650 E W N 3 3 4 4 S 4 4 2 2 H 2 2 8 8 D 8 8 2 2 C 90
# 16 ♠AJ542 W/EW ♥K542 Opt. res. -100 ♣743 ♠KQ96 ♠3 ♥8 ♥Q9 ♦AK76 ♦QJ943 ♣AQ85 ♣KJ962 8 ♠T87 18 ♥AJT763 9 ♥T85 5 ♣T N 8 8 8 S 10 10 N S H D C 420 E W N 6 6 6 6 S 3 3 3 3 H 3 3 3 3 D 11 11 C 600	# 17 ♠KQT4 N/None ♥A87 Opt. res. 100 ♣98 ♣AQ75 ♠A63 ♠J982 ♥62 ♥K53 ♦AJ4 ♦Q3 ♣T8642 ♣KJ93 15 ♠75 9 ♥QJT94 10 ♥KT7652 6 ♣- N 5 5 5 S 5 5 5 N S H D C 140 E W N 8 8 8 8 S 7 7 4 4 H 4 4 4 4 D 9 9 9 C 120	# 18 ♠T95432 E/NS ♥A5 Opt. res. -420 ♣AK74 ♣9 ♠J6 ♠AK7 ♥Q632 ♥KT987 ♦QT ♦J9652 ♣AQJ85 ♣- 11 ♠Q8 12 ♥J4 11 ♥83 6 ♣KT76432 N 4 4 4 S 4 4 4 N S H D C 80 E W N 9 9 7 7 S 6 6 6 H 10 10 D 9 8 C 420	# 19 ♠T98 S/EW ♥QJ7543 Opt. res. 450 ♣KJT5 ♠A76 ♠43 ♥T6 ♥82 ♦AT752 ♦KJ9863 ♣AQ6 ♣872 7 ♠KQJ52 14 ♥AK9 4 ♥Q4 15 ♣943 N 5 5 5 S 5 5 5 N S H D C 450 E W N 7 7 2 2 S 8 8 3 3 H 8 8 3 3 D 3 3 3 C 90	# 20 ♠T52 W/All ♥843 Opt. res. -500 ♣AKJ97 ♣62 ♠A7 ♠KQJ9864 ♥JT ♥AQ7 ♦AT6432 ♦5 ♣J83 ♣KT4 6 ♠3 10 ♥KQ9652 13 ♥8 11 ♣AQ975 N 4 4 S 3 3 N S H D C 140 E W N 9 9 9 9 S 3 3 3 3 H 7 7 7 7 D 6 4 4 C 620
# 21 ♠2 N/NS ♥A6 Opt. res. 300 ♣AK9532 ♣KQJ7 ♠AJ5 ♠KQ8743 ♥Q3 ♥KT92 ♦Q764 ♦T8 ♣T653 ♣2 17 ♠T96 9 ♥J8754 8 ♥J 6 ♣A984 N 7 4 4 S 8 8 9 N S H D C 140 E W N 5 5 8 8 S 4 4 4 4 H 4 4 4 4 D 3 3 3 3 C 110	# 22 ♠AT32 E/EW ♥A43 Opt. res. -140 ♣T7 ♣AQ83 ♠Q5 ♠K98764 ♥K86 ♥97 ♦AQJ4 ♦K2 ♣J765 ♣KT9 14 ♠J 13 ♥QJT52 9 ♥98653 4 ♣42 N 5 5 5 S 5 5 5 N S H D C 110 E W N 7 7 9 9 S 5 5 5 5 H 5 5 5 5 D 6 6 6 C 140	# 23 ♠T8 S/All ♥AK9 Opt. res. 120 ♣QJ4 ♣AKT93 ♠AK43 ♠J95 ♥JT5 ♥87643 ♦AK7 ♦T83 ♣QJ8 ♣65 17 ♠Q762 18 ♥Q2 1 ♥9652 4 ♣742 N 7 7 7 S 6 6 6 N S H D C 120 E W N 5 5 5 5 S 7 7 7 7 H 5 5 5 5 D 80 C 80	# 24 ♠T8 W/None ♥86 Opt. res. 400 ♣T652 ♣AKJ54 ♠6432 ♠KQJ9 ♥AJ974 ♥532 ♦4 ♦KJ93 ♣T82 ♣Q9 8 ♠A75 5 ♥KQT 12 ♥AQ87 15 ♣763 N 9 5 5 S 6 6 6 N S H D C 400 E W N 4 4 7 7 S 7 7 3 3 H 3 3 3 3 D 80 C 80	# 25 ♠QJ4 N/EW ♥AJ8 Opt. res. 430 ♣AK86 ♣J75 ♠962 ♠AKT85 ♥T73 ♥96 ♦732 ♦JT54 ♣6432 ♣AQ 16 ♠73 0 ♥KQ542 14 ♥Q9 10 ♣KT98 N 10 10 S 7 7 N S H D C 430 E W N 3 3 6 6 S 2 2 4 4 H 2 2 4 4 D 0 3 3 C -100
# 26 ♠AQT52 E/All ♥Q4 Opt. res. 500 ♣943 ♣K95 ♠J87643 ♠- ♥JT92 ♥K53 ♦K2 ♦T876 ♣7 ♣AQJT43 11 ♠K9 5 ♥A876 10 ♥AQJ5 14 ♣862 N 9 8 S 7 7 7 N S H D C 600 E W N 4 4 4 4 S 6 6 6 6 H 6 6 6 6 D 8 8 8 C 90				

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

11.13 9.81 9.03 10.03 | 2 3 1 0 | 9 10 12 10 | 0 2 1 0 | 20 17 18 18

# 27 ♠A9 S/None ♥9654 Opt. res. -140 ♣AQ2 ♣K932 ♠K87652 ♠J3 ♥Q3 ♥AK82 ♦T874 ♦K965 ♣5 ♣AT8 13 ♠QT4 5 15 ♥JT7 7 ♥J3 ♠ QJ764 N 7 5 S 7 4 H 4 6 D 4 4 C 7 4 90 E 5 9 W 5 9 H 7 7 D 9 9 C 5 5 140	# 28 ♠AJ753 W/NS ♥9 Opt. res. 300 ♦T753 ♣J54 ♠QT9 ♠42 ♥K732 ♥AQ5 ♦Q2 ♦J84 ♣A873 ♣KT962 6 ♠K86 11 10 ♥JT864 13 ♦AK96 ♠ Q N 5 9 S 5 9 H 6 6 D 10 10 C 4 4 140 E 6 6 W 6 6 H 4 4 D 3 3 C 9 9 110	# 29 ♠Q62 N/All ♥J84 Opt. res. -90 ♦AT94 ♣AJ6 ♠T4 ♠AK985 ♥AK95 ♥T2 ♦K83 ♦J75 ♣9843 ♣QT2 12 ♠J73 10 10 ♥Q763 8 ♦Q62 ♠ K75 N 6 5 S 6 5 H 6 6 D 6 6 C 5 5 -100 E 7 7 W 7 7 H 7 7 D 7 8 C 8 9 90	# 30 ♠742 E/None ♥Q954 Opt. res. 460 ♦QT5 ♣KQ8 ♠KQ ♠9853 ♥KJ8732 ♥- ♦2 ♦8643 ♣A954 ♣JT762 9 ♠AJT6 13 1 ♥AT6 1 1 ♦AKJ97 17 ♣3 N 11 11 S 9 9 H 8 8 D 10 9 C 4 4 460 E 2 2 W 2 2 H 5 5 D 8 8 C 9 9 110	# 31 ♠QT7 S/NS ♥AT97 Opt. res. 300 ♦K98 ♣J97 ♠K98543 ♠6 ♥J5 ♥K862 ♦J ♦Q762 ♣K865 ♣A432 10 ♠AJ2 8 9 ♥Q43 13 ♦AT543 ♠ QT N 9 9 S 5 5 H 8 8 D 8 8 C 4 5 600 E 4 4 W 4 4 H 4 4 D 3 3 C 8 8 110
# 32 ♠T653 W/EW ♥4 Opt. res. -630 ♦AQ853 ♣Q76 ♠K7 ♠AQ4 ♥AJ98 ♥QT76 ♦KT94 ♦762 ♣KT8 ♣A53 8 ♠J982 14 12 ♥K532 6 ♦J ♠ J942 N 2 5 S 5 5 H 2 3 D 4 4 C 4 4 -100 E 10 10 W 10 10 H 8 8 D 10 10 C 9 9 630				

N	HPC	E	HPC	S	HPC	W	HPC	---Voids---	--Singletons--	->=7suit -	---Balanced---
11.13		9.81		9.03		10.03		2 3 1 0	9 10 12 10	0 2 1 0	20 17 18 18