# 1 **N/None** Opt. res. -420 ♠643 ♥95 ♦J9432 ♣AT8 N S N 5 5 S 5 5 H 2 2 D 6 6 C 7 7 70	**# 2** **E/NS** Opt. res. -1440 ♠QT ♥T83 ♦QT982 ♣962 N S N 1 1 S 1 1 H 1 1 D 4 4 C 0 0 -300	**# 3** **S/EW** Opt. res. 980 ♠AJ843 ♥QJ9 ♦942 ♣K4 N S N 11 11 S 12 12 H 8 8 D 9 9 C 8 8 980	**# 4** **W/All** Opt. res. 650 ♠A98752 ♥6 ♦A8754 ♣A N S N 7 7 S 11 11 H 7 7 D 11 11 C 4 4 650	**# 5** **N/NS** Opt. res. 100 ♠T9654 ♥J82 ♦KQ83 ♣T N S N 3 3 S 5 5 H 2 2 D 9 9 C 11 11 600
♠72 ♥J73 ♦AK875 ♣942 ♠KQJT ♥AKQ642 ♦6 ♣76 5 8 15 12 ♠A985 ♥T8 ♦QT ♣KQJ53 E W N 7 7 S 7 7 H 10 10 D 6 6 C 6 6 420	♠86 ♥KQJ5 ♦A64 ♣AJT8 ♠AK974 ♥A92 ♦J3 ♣Q75 4 15 14 7 ♠J532 ♥764 ♦K75 ♣K43 E W N 11 11 S 11 11 H 12 12 D 9 9 C 13 13 1440	♠Q5 ♥852 ♦KQ85 ♣QT95 ♠2 ♥T7643 ♦JT6 ♣J873 11 9 2 18 ♠KT976 ♥AK ♦A73 ♣A62 E W N 2 2 S 1 1 H 4 4 D 4 4 C 5 5 -200	♠K4 ♥AJ52 ♦J32 ♣KJ63 ♠QT ♥KT4 ♦T6 ♣987542 12 13 5 10 ♠J63 ♥Q9873 ♦KQ9 ♣QT E W N 4 4 S 2 2 H 6 6 D 2 2 C 9 9 110	♠AJ7 ♥QT7643 ♦T ♣973 ♠KQ32 ♥AK5 ♦J752 ♣82 6 7 13 14 ♠8 ♥9 ♦A964 ♣AKQJ654 E W N 2 2 S 6 6 H 10 10 D 2 2 C 2 2 420
# 6 **E/EW** Opt. res. 430 ♠KJT8 ♥A72 ♦Q42 ♣KT8 N S N 10 10 S 8 7 H 8 8 D 10 10 C 10 9 430	**# 7** **S/All** Opt. res. 140 ♠J64 ♥A432 ♦K864 ♣A4 N S N 7 6 S 9 9 H 6 6 D 8 7 C 6 5 140	**# 8** **W/None** Opt. res. -300 ♠Q8765 ♥Q98 ♦K754 ♣6 N S N 7 7 S 6 6 H 2 2 D 9 9 C 2 2 110	**# 9** **N/EW** Opt. res. 400 ♠AT62 ♥AKJ7652 ♦J ♣5 N S N 9 9 S 6 6 H 9 9 D 5 5 C 10 10 400	**# 10** **E/All** Opt. res. -1430 ♠QT2 ♥62 ♦KJ763 ♣765 N S N 2 2 S 1 1 H 2 2 D 5 5 C 1 1 -200
♠Q9653 ♥J6 ♦J75 ♣964 ♠A74 ♥KT983 ♦T6 ♣A75 13 4 11 12 ♠2 ♥Q54 ♦AK983 ♣QJ32 E W N 3 3 S 5 5 H 5 5 D 3 3 C 2 2 -200	♠Q85 ♥K965 ♦T ♣K8763 ♠97 ♥T87 ♦AQ973 ♣Q95 12 8 8 12 ♠AKT32 ♥QJ ♦J52 ♣JT2 E W N 6 5 S 4 4 H 7 7 D 5 5 C 7 7 80	♠43 ♥KT42 ♦2 ♣KJT754 ♠AKT2 ♥AJ75 ♦83 ♣Q98 7 7 14 12 ♠J9 ♥63 ♦AQJT96 ♣A32 E W N 6 6 S 7 6 H 9 9 D 4 4 C 11 11 400	♠J9843 ♥T43 ♦K642 ♣T ♠Q75 ♥Q9 ♦AT873 ♣A42 13 4 12 11 ♠K ♥8 ♦Q95 ♣KQJ98763 E W N 3 3 S 6 6 H 2 2 D 8 8 C 2 2 90	♠J953 ♥KQ53 ♦A ♣J982 ♠AK86 ♥A97 ♦Q98 ♣AQ4 6 11 19 4 ♠74 ♥JT84 ♦T542 ♣KT3 E W N 11 11 S 12 12 H 11 11 D 8 8 C 12 12 1430
# 11 **S/None** Opt. res. 400 ♠KJ2 ♥9743 ♦A63 ♣QT7 N S N 9 9 S 5 5 H 6 6 D 9 9 C 8 8 400	**# 12** **W/NS** Opt. res. 90 ♠K74 ♥85 ♦QJ95 ♣A642 N S N 7 7 S 5 5 H 6 6 D 6 6 C 7 7 90	**# 13** **N/All** Opt. res. 600 ♠QT7 ♥AJT ♦AJ9753 ♣T N S N 9 9 S 9 8 H 8 7 D 10 10 C 8 8 600	**# 14** **E/None** Opt. res. 120 ♠A7 ♥Q8 ♦AK9864 ♣643 N S N 8 8 S 8 8 H 6 6 D 8 8 C 8 8 120	**# 15** **S/NS** Opt. res. 140 ♠KQ32 ♥J3 ♦J963 ♣AK9 N S N 8 8 S 6 6 H 9 9 D 4 4 C 6 6 140
♠AT98653 ♥J ♦97 ♣J93 ♠7 ♥AKT8652 ♦Q82 ♣K5 10 6 12 12 ♠Q4 ♥Q ♦KJT54 ♣A8642 E W N 4 4 S 7 7 H 7 7 D 3 3 C 4 4 80	♠QT8 ♥K3 ♦K743 ♣T973 ♠J652 ♥AT964 ♦AT8 ♣Q 10 8 11 11 ♠A93 ♥QJ72 ♦62 ♣KJ85 E W N 6 6 S 7 7 H 7 7 D 6 6 C 5 5 80	♠953 ♥Q93 ♦Q8 ♣Q9542 ♠AJ8 ♥K864 ♦K642 ♣76 12 6 11 11 ♠K642 ♥752 ♦T ♣AKJ83 E W N 3 3 S 4 4 H 5 5 D 3 3 C 5 5 -200	♠T9863 ♥63 ♦QJ73 ♣QJ ♠Q ♥JT9754 ♦T5 ♣AKT7 13 6 10 11 ♠KJ542 ♥AK2 ♦2 ♣9852 E W N 5 5 S 4 4 H 7 7 D 3 3 C 4 4 80	♠7 ♥K64 ♦AT82 ♣Q5432 ♠AT986 ♥82 ♦KQ54 ♣T7 14 9 9 8 ♠J54 ♥AQT975 ♦7 ♣J86 E W N 5 5 S 6 6 H 4 4 D 8 8 C 7 7 90
# 16 **W/EW** Opt. res. 140 ♠K8 ♥KQJ6 ♦T9763 ♣52 N S N 6 6 S 4 4 H 9 9 D 7 7 C 5 5 140	**# 17** **N/None** Opt. res. -420 ♠T5 ♥854 ♦A986 ♣9542 N S N 5 5 S 3 3 H 2 2 D 7 7 C 2 2 70	**# 18** **E/NS** Opt. res. -400 ♠873 ♥AT42 ♦J2 ♣QT98 N S N 5 5 S 4 4 H 7 7 D 2 2 C 3 3 80	**# 19** **S/EW** Opt. res. -130 ♠Q83 ♥QJ42 ♦Q8 ♣J962 N S N 6 6 S 3 3 H 4 4 D 9 9 C 3 3 110	**# 20** **W/All** Opt. res. 110 ♠KT6 ♥73 ♦JT7 ♣QT862 N S N 7 7 S 6 6 H 7 7 D 8 8 C 9 9 110
♠Q7642 ♥95 ♦A84 ♣KQ8 ♠T93 ♥742 ♦KQ5 ♣AJT6 9 11 10 10 ♠AJ5 ♥AT83 ♦J2 ♣9743 E W N 7 7 S 8 8 H 4 4 D 5 5 C 8 8 110	♠83 ♥AJ97 ♦543 ♣AJ83 ♠AKQ74 ♥T63 ♦J ♣KQT6 4 10 15 11 ♠J962 ♥KQ2 ♦KQT72 ♣7 E W N 8 8 S 10 10 H 10 10 D 5 5 C 11 11 420	♠AKJ6 ♥6 ♦T76 ♣A6542 ♠52 ♥Q95 ♦AK983 ♣KJ3 7 12 13 8 ♠QT94 ♥KJ873 ♦Q54 ♣7 E W N 8 8 S 8 8 H 6 6 D 11 11 C 10 10 400	♠J972 ♥AK95 ♦J ♣KQ54 ♠AT65 ♥T76 ♦75 ♣AT83 8 14 8 10 ♠K4 ♥83 ♦AKT96432 ♣7 E W N 5 5 S 9 9 H 9 9 D 4 4 C 10 10 140	♠J954 ♥942 ♦A63 ♣975 ♠Q873 ♥AKJT ♦K84 ♣K4 6 5 16 13 ♠A2 ♥Q865 ♦Q952 ♣AJ3 E W N 5 5 S 7 7 H 6 6 D 4 4 C 4 4 80
# 21 **N/NS** Opt. res. -420 ♠Q2 ♥JT75 ♦832 ♣QT53 N S N 2 2 S 1 1 H 1 1 D 0 0 C 7 7 70	**# 22** **E/EW** Opt. res. 200 ♠AJ3 ♥A63 ♦KJT ♣A765 N S N 9 9 S 9 9 H 4 4 D 4 4 C 6 5 400	**# 23** **S/All** Opt. res. 630 ♠AQ9 ♥KT63 ♦96 ♣KQ97 N S N 10 10 S 7 7 H 8 8 D 9 9 C 10 10 630	**# 24** **W/None** Opt. res. -450 ♠KJT9 ♥K75 ♦54 ♣QJ62 N S N 4 4 S 5 5 H 2 2 D 1 1 C 3 3 -100	**# 25** **N/EW** Opt. res. 110 ♠KT875 ♥KJ ♦985 ♣A92 N S N 6 6 S 7 7 H 7 7 D 5 5 C 9 9 110
♠AKJ9653 ♥8 ♦K75 ♣J9 ♠- ♥AKQ962 ♦AQ964 ♣76 5 12 15 8 ♠T874 ♥43 ♦JT ♣AK842 E W N 8 8 S 10 10 H 10 10 D 11 11 C 6 6 420	♠7652 ♥4 ♦A975 ♣QT92 ♠- ♥KQT985 ♦Q643 ♣KJ8 17 6 11 6 ♠KQT984 ♥J72 ♦82 ♣43 E W N 4 4 S 4 4 H 9 9 D 8 8 C 7 7 140	♠KJ ♥J84 ♦AT8 ♣AJ654 ♠T7642 ♥Q952 ♦432 ♣3 14 14 2 10 ♠853 ♥A7 ♦KQJ75 ♣T82 E W N 2 3 S 5 5 H 5 5 D 3 3 C 3 3 -200	♠A763 ♥T3 ♦AKQ ♣9853 ♠2 ♥AJ842 ♦JT62 ♣AKT 10 13 13 4 ♠Q854 ♥Q96 ♦9873 ♣74 E W N 9 9 S 7 7 H 11 11 D 11 11 C 9 9 450	♠AJ32 ♥T5 ♦KQT32 ♣Q4 ♠64 ♥A8432 ♦J76 ♣K53 11 12 8 9 ♠Q9 ♥Q976 ♦A4 ♣JT876 E W N 7 7 S 5 5 H 6 6 D 8 8 C 4 4 90
# 26 **E/All** Opt. res. -110 ♠64 ♥T64 ♦QT65 ♣AKQ4 N S N 5 5 S 5 5 H 5 5 D 8 8 C 8 8 90	**# 27** **S/None** Opt. res. 100 ♠865 ♥86 ♦T96542 ♣85 N S N 6 6 S 4 4 H 3 3 D 10 10 C 5 5 130	**# 28** **W/NS** Opt. res. -420 ♠Q98 ♥Q94 ♦AQ754 ♣A7 N S N 2 2 S 2 2 H 3 3 D 5 5 C 4 4 -200	**# 29** **N/All** Opt. res. -1400 ♠K9864 ♥T84 ♦K62 ♣J7 N S N 1 1 S 8 8 H 1 1 D 1 1 C 4 4 110	**# 30** **E/None** Opt. res. 980 ♠KT64 ♥2 ♦863 ♣AJT53 N S N 9 11 S 11 12 H 8 9 D 6 7 C 10 11 980
♠AQJ8 ♥AQ72 ♦J3 ♣952 ♠T92 ♥KJ8 ♦9842 ♣763 11 14 4 11 ♠K753 ♥953 ♦AK7 ♣JT8 E W N 5 5 S 7 7 H 8 8 D 5 5 C 5 5 110	♠K7 ♥QJ5432 ♦8 ♣J643 ♠AQ9432 ♥AT ♦J3 ♣K97 0 7 14 19 ♠JT ♥K97 ♦AKQ7 ♣AQT2 E W N 5 5 S 8 8 H 9 8 D 3 3 C 7 7 140	♠A4 ♥AT75 ♦JT8 ♣Q964 ♠KJT753 ♥K63 ♦K9 ♣KJ 14 11 14 1 ♠62 ♥J82 ♦632 ♣T8532 E W N 9 9 S 10 10 H 10 10 D 7 8 C 8 8 420	♠AQ ♥QJ3 ♦J73 ♣AK984 ♠2 ♥AK9752 ♦AT954 ♣2 7 17 11 5 ♠JT753 ♥6 ♦Q8 ♣QT653 E W N 10 12 S 5 5 H 12 12 D 12 12 C 8 8 1440	♠93 ♥KQ5 ♦AQ95 ♣8642 ♠852 ♥T983 ♦J742 ♣Q7 8 11 3 18 ♠AQJ7 ♥AJ764 ♦KT ♣K9 E W N 2 2 S 0 0 H 4 4 D 4 4 C 2 2 -150

N HPC	E HPC	S HPC	W HPC	|---Voids---|				|--Singletons---|				|- >=7suit -|				|---Balanced----|			
9.30	10.77	10.27	9.67	0	2	0	0	8	10	13	12	1	1	3	2	22	16	17	18

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