# 1 **N/None** Opt. res. 420 ♠T5 ♡9542 ♢T87 ♣K642 ♠KJ643 ♡J63 ♢J53 ♣75 ♠982 ♡7 ♢AK62 ♣JT983 ♠AQ7 ♡AKQT8 ♢Q94 ♣AQ 3 6 8 23 N 9 9 S 6 6 H 10 10 D 7 7 C 7 7 N 4 4 S 7 7 H 3 3 D 6 6 C 6 6 420 80	**# 2** **E/NS** Opt. res. -110 ♠987 ♡AJ94 ♢532 ♣873 ♠Q ♡QT53 ♢QJ964 ♣AQ9 ♠AKT3 ♡86 ♢T8 ♣KJT64 ♠J6542 ♡K72 ♢AK7 ♣52 5 13 11 11 N 5 5 S 6 6 H 6 6 D 5 5 C 4 4 N 7 7 S 7 7 H 6 6 D 7 7 C 9 9 -100 110	**# 3** **S/EW** Opt. res. -660 ♠J9753 ♡6 ♢QJ7 ♣QJT8 ♠Q84 ♡AK42 ♢96 ♣AK95 ♠62 ♡QT83 ♢AKT53 ♣42 ♠AKT ♡J975 ♢842 ♣763 7 16 9 8 N 2 2 S 5 5 H 2 2 D 2 2 C 4 4 N 11 11 S 7 7 H 10 10 D 11 11 C 9 9 -100 660	**# 4** **W/All** Opt. res. -200 ♠43 ♡J96 ♢J962 ♣AT84 ♠7 ♡42 ♢AKQ743 ♣KQ53 ♠T652 ♡KQT8753 ♢- ♣76 ♠AKQJ98 ♡A ♢T85 ♣J92 6 14 5 15 N 8 8 S 9 8 H 3 2 D 6 4 C 7 7 N 4 4 S 4 4 H 10 10 D 6 6 C 5 5 140 620	**# 5** **N/NS** Opt. res. 2220 ♠K ♡AT98 ♢JT8 ♣AKT73 ♠QJ98732 ♡J52 ♢Q2 ♣Q ♠T6 ♡K763 ♢53 ♣98642 ♠A54 ♡Q4 ♢AK9764 ♣J5 15 8 3 14 N 13 13 S 7 7 H 11 11 D 13 13 C 12 11 N 0 0 S 6 6 H 1 1 D 0 0 C 1 1 2220 -50
# 6 **E/EW** Opt. res. 130 ♠3 ♡AKJ8 ♢983 ♣AQ754 ♠AQT9 ♡Q952 ♢A62 ♣K6 ♠84 ♡T763 ♢KQ754 ♣32 ♠KJ7652 ♡4 ♢JT ♣JT98 14 15 5 6 N 4 4 S 7 7 H 4 4 D 4 4 C 10 10 N 5 9 S 4 5 H 7 9 D 7 7 C 2 3 130 600	**# 7** **S/All** Opt. res. 140 ♠A ♡AQT853 ♢AQT9 ♣32 ♠9753 ♡J ♢K7532 ♣A76 ♠KQ64 ♡K92 ♢J4 ♣KQJ9 ♠JT82 ♡764 ♢86 ♣T854 16 8 15 1 N 6 6 S 5 5 H 9 9 D 6 6 C 5 5 N 5 6 S 7 8 H 4 4 D 7 7 C 7 8 140 110	**# 8** **W/None** Opt. res. 400 ♠K84 ♡AK53 ♢Q6 ♣J976 ♠9752 ♡T96 ♢T85 ♣KT8 ♠AQ63 ♡874 ♢A432 ♣32 ♠JT ♡QJ2 ♢KJ97 ♣AQ54 13 3 10 14 N 9 9 S 7 7 H 9 9 D 9 8 C 9 9 N 4 4 S 5 5 H 3 3 D 4 4 C 4 4 400 -100	**# 9** **N/EW** Opt. res. -620 ♠QJ54 ♡QJT75 ♢7 ♣QJ9 ♠T862 ♡K8632 ♢K96 ♣K ♠AK97 ♡- ♢432 ♣A86532 ♠3 ♡A94 ♢AQJT85 ♣T74 9 9 11 11 N 3 3 S 2 2 H 7 7 D 5 5 C 4 3 N 7 7 S 10 10 H 4 4 D 7 7 C 8 8 80 620	**# 10** **E/All** Opt. res. 500 ♠T8 ♡Q8753 ♢AQJ4 ♣32 ♠KQ72 ♡T2 ♢T8763 ♣A7 ♠J9543 ♡K ♢92 ♣KQJ96 ♠A6 ♡AJ964 ♢K5 ♣T854 9 9 10 12 N 8 8 S 4 4 H 11 11 D 6 6 C 4 4 N 3 3 S 9 9 H 2 2 D 5 5 C 7 7 650 140
# 11 **S/None** Opt. res. -140 ♠7 ♡42 ♢AKJ9653 ♣985 ♠AK62 ♡AT75 ♢Q2 ♣AJ3 ♠J854 ♡QJ9 ♢T87 ♣KT2 ♠QT93 ♡K863 ♢4 ♣Q764 8 18 7 7 N 4 4 S 3 3 H 4 4 D 7 7 C 4 5 N 6 6 S 9 9 H 9 9 D 6 6 C 8 8 70 140	**# 12** **W/NS** Opt. res. 130 ♠T6 ♡AJ43 ♢75 ♣KQ984 ♠AKQ74 ♡T75 ♢83 ♣T52 ♠985 ♡Q982 ♢QJ9 ♣A76 ♠J32 ♡K6 ♢AKT642 ♣J3 10 9 9 12 N 7 7 S 6 6 H 8 8 D 9 9 C 10 10 N 6 5 S 7 7 H 5 5 D 4 4 C 3 3 130 80	**# 13** **N/All** Opt. res. -1100 ♠AK76543 ♡3 ♢T2 ♣T52 ♠92 ♡Q4 ♢AJ954 ♣KQ96 ♠Q ♡AKJ652 ♢763 ♣A84 ♠JT8 ♡T987 ♢KQ8 ♣J73 7 12 14 7 N 2 2 S 8 8 H 1 1 D 2 2 C 1 1 N 6 6 S 5 5 H 11 11 D 11 11 C 12 12 110 1370	**# 14** **E/None** Opt. res. -300 ♠JT75 ♡9862 ♢J5 ♣AK6 ♠K942 ♡A5 ♢AT876 ♣93 ♠83 ♡QJT73 ♢KQ3 ♣T52 ♠AQ6 ♡K4 ♢942 ♣QJ874 9 11 8 12 N 5 5 S 6 6 H 5 5 D 3 3 C 8 8 N 7 7 S 6 6 H 8 8 D 9 9 C 5 5 90 110	**# 15** **S/NS** Opt. res. -140 ♠A2 ♡KT873 ♢QJ ♣T754 ♠KQ983 ♡A9 ♢K ♣J9832 ♠T764 ♡QJ5 ♢T97432 ♣- ♠J5 ♡642 ♢A865 ♣AKQ6 10 13 3 14 N 7 7 S 3 3 H 8 8 D 5 5 C 8 8 N 6 6 S 9 8 H 3 4 D 7 7 C 5 5 110 140
# 16 **W/EW** Opt. res. 400 ♠QJT ♡KQT3 ♢Q764 ♣J2 ♠K982 ♡J72 ♢T85 ♣K95 ♠7654 ♡A84 ♢J92 ♣A64 ♠A3 ♡965 ♢AK3 ♣QT873 11 7 9 13 N 9 9 S 8 8 H 9 9 D 9 9 C 9 9 N 4 4 S 5 5 H 4 4 D 4 4 C 4 4 400 -200	**# 17** **N/None** Opt. res. 990 ♠AQ62 ♡5 ♢AT82 ♣AKQT ♠987 ♡AT3 ♢743 ♣J762 ♠KT543 ♡976 ♢95 ♣954 ♠J ♡KQJ842 ♢KQJ6 ♣83 19 5 3 13 N 12 11 S 9 9 H 12 12 D 12 12 C 12 12 N 1 1 S 4 4 H 1 1 D 1 1 C 1 1 990 -150	**# 18** **E/NS** Opt. res. 300 ♠T74 ♡QJ92 ♢A9765 ♣T ♠62 ♡874 ♢J83 ♣Q9763 ♠AJ85 ♡65 ♢K ♣AKJ542 ♠KQ93 ♡AKT3 ♢QT42 ♣8 7 3 16 14 N 6 6 S 9 9 H 10 10 D 10 10 C 4 4 N 7 7 S 4 4 H 3 3 D 3 3 C 9 9 620 110	**# 19** **S/EW** Opt. res. -1370 ♠KT7 ♡9863 ♢943 ♣JT6 ♠6 ♡AQJT7 ♢AKT7 ♣A32 ♠A952 ♡52 ♢J862 ♣974 ♠QJ843 ♡K4 ♢Q5 ♣KQ85 4 18 5 13 N 2 2 S 5 6 H 2 2 D 1 1 C 4 5 N 11 11 S 6 6 H 11 11 D 12 12 C 8 8 -50 1370	**# 20** **W/All** Opt. res. -140 ♠KT876 ♡832 ♢A83 ♣K4 ♠954 ♡AQJ96 ♢QT5 ♣A5 ♠AQ32 ♡T54 ♢J74 ♣T93 ♠J ♡K7 ♢K962 ♣QJ8762 10 13 7 10 N 5 5 S 6 6 H 4 4 D 7 7 C 8 8 N 8 8 S 7 7 H 9 9 D 6 6 C 4 4 90 140
# 21 **N/NS** Opt. res. 120 ♠AK984 ♡A4 ♢AK98 ♣52 ♠Q32 ♡9872 ♢T ♣AQJ83 ♠JT6 ♡KJ3 ♢QJ6543 ♣6 ♠75 ♡QT65 ♢72 ♣KT974 18 9 8 5 N 8 8 S 8 8 H 7 7 D 7 7 C 8 8 N 5 5 S 5 5 H 6 6 D 6 6 C 5 5 120 -50	**# 22** **E/EW** Opt. res. 110 ♠986 ♡T9852 ♢9 ♣Q863 ♠KQJ7 ♡J4 ♢JT65 ♣JT4 ♠T543 ♡AK76 ♢7432 ♣A ♠A2 ♡Q3 ♢AKQ8 ♣K9752 2 9 11 18 N 7 7 S 5 5 H 7 7 D 5 6 C 9 9 N 5 5 S 8 8 H 6 5 D 7 7 C 4 4 110 110	**# 23** **S/All** Opt. res. -140 ♠Q8653 ♡632 ♢QJ542 ♣- ♠T92 ♡95 ♢KT8 ♣AJ762 ♠74 ♡AKQT7 ♢A97 ♣QT5 ♠AKJ ♡J84 ♢63 ♣K9843 5 8 15 12 N 3 3 S 7 7 H 2 2 D 5 5 C 3 3 N 8 8 S 5 5 H 8 9 D 6 6 C 10 10 80 140	**# 24** **W/None** Opt. res. -300 ♠A53 ♡83 ♢J976 ♣KJ64 ♠J762 ♡AKJ64 ♢K3 ♣A7 ♠KQT9 ♡QT952 ♢T2 ♣T5 ♠84 ♡7 ♢AQ854 ♣Q9832 9 16 7 8 N 4 4 S 3 3 H 3 3 D 9 9 C 9 9 N 7 7 S 9 9 H 10 10 D 4 4 C 4 4 110 420	**# 25** **N/EW** Opt. res. -130 ♠T52 ♡J9742 ♢987 ♣A9 ♠AK874 ♡65 ♢A532 ♣63 ♠Q6 ♡KT ♢JT ♣KQJT875 ♠J93 ♡AQ83 ♢KQ64 ♣42 5 11 12 12 N 6 6 S 6 6 H 8 8 D 7 7 C 3 3 N 6 6 S 7 7 H 5 4 D 6 6 C 10 10 110 130
# 26 **E/All** Opt. res. -120 ♠AKQ96 ♡KQJ7 ♢7 ♣T84 ♠J8 ♡532 ♢AQT85 ♣K65 ♠T754 ♡A96 ♢KJ ♣AJ73 ♠32 ♡T84 ♢96432 ♣Q92 15 10 13 2 N 4 4 S 8 8 H 7 7 D 4 4 C 4 4 N 8 8 S 5 5 H 6 6 D 8 8 C 8 8 110 120	**# 27** **S/None** Opt. res. 100 ♠9864 ♡KT52 ♢KT86 ♣K ♠A32 ♡QJ64 ♢Q432 ♣J3 ♠Q ♡83 ♢A75 ♣AQT8642 ♠KJT75 ♡A97 ♢J9 ♣975 9 10 12 9 N 4 4 S 10 10 H 7 7 D 5 5 C 3 3 N 9 9 S 3 3 H 5 5 D 6 7 C 9 9 420 400	**# 28** **W/NS** Opt. res. -120 ♠64 ♡J2 ♢KQ62 ♣Q8752 ♠AT72 ♡KT6 ♢A87 ♣AKT ♠QJ8 ♡9543 ♢J93 ♣J63 ♠K953 ♡AQ87 ♢T54 ♣94 8 18 5 9 N 5 5 S 5 5 H 5 5 D 5 6 C 6 7 N 7 8 S 7 8 H 8 8 D 6 7 C 6 7 70 120	

N HPC	E HPC	S HPC	W HPC	|---Voids---|	|--Singletons---|	|- >=7suit -|	|---Balanced----|
9.39	8.96	10.89	10.75	1 3 0 0	12 7 8 8	2 3 0 1	15 17 18 20

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