# 1 **N/None** Opt. res. -300 ♠T8762 ♡A8 ◇T65 ♣965 ♠QJ ♡KQ932 ◇J9832 ♣4 ♠K4 ♡J4 ◇KQ74 ♣AKJ32 4 9 17 10 ♠A953 ♡T765 ◇A ♣QT87 N S N 6 6 S 8 8 H 3 3 D 3 3 C 5 5 110 E W N 7 7 S 4 4 H 9 9 D 10 10 C 8 8 140	**# 2** **E/NS** Opt. res. -980 ♠T62 ♡J542 ◇J6 ♣QT97 ♠KJ84 ♡9 ◇KQ2 ♣K6542 ♠A93 ♡K86 ◇AT73 ♣AJ3 4 12 16 8 ♠Q75 ♡AQT73 ◇9854 ♣8 N S N 2 2 S 1 1 H 6 6 D 1 1 C 2 2 -100 E W N 11 8 S 12 11 H 7 7 D 11 11 C 11 11 980	**# 3** **S/EW** Opt. res. 450 ♠A4 ♡T5 ◇AT ♣KJ86542 ♠Q9876 ♡Q76 ◇Q75 ♣97 ♠K32 ♡K9 ◇KJ6432 ♣Q3 12 6 12 10 ♠JT5 ♡AJ8432 ◇98 ♣AT N S N 10 10 S 6 6 H 11 10 D 5 5 C 11 11 450 E W N 1 1 S 7 7 H 1 1 D 7 7 C 1 1 80	**# 4** **W/All** Opt. res. 110 ♠KQT ♡KT3 ◇9842 ♣KJ2 ♠9854 ♡A9 ◇765 ♣Q875 ♠J63 ♡Q7654 ◇AKT ♣T9 12 6 10 12 ♠A72 ♡J82 ◇QJ3 ♣A643 N S N 7 7 S 8 8 H 7 7 D 8 8 C 8 8 110 E W N 6 6 S 5 5 H 6 6 D 4 4 C 5 5 -100	**# 5** **N/NS** Opt. res. 650 ♠KQ98 ♡KQ863 ◇9 ♣KQ3 ♠AJ753 ♡J94 ◇875 ♣AT ♠T4 ♡- ◇QJT6 ♣J876542 15 10 4 11 ♠62 ♡AT752 ◇AK432 ♣9 N S N 10 10 S 8 7 H 11 11 D 8 7 C 5 5 650 E W N 2 2 S 5 5 H 2 2 D 4 4 C 8 8 90
# 6 **E/EW** Opt. res. 460 ♠T ♡KJ863 ◇KT72 ♣A76 ♠743 ♡Q9 ◇J984 ♣T532 ♠KQ6 ♡T542 ◇Q653 ♣KQ 11 3 12 14 ♠AJ9852 ♡A7 ◇A ♣J984 N S N 11 11 S 11 11 H 10 10 D 8 8 C 11 11 460 E W N 2 2 S 2 1 H 2 2 D 4 4 C 2 2 -300	**# 7** **S/All** Opt. res. 630 ♠KT4 ♡AQJ85 ◇7 ♣QJT6 ♠J65 ♡72 ◇J9652 ♣832 ♠AQ832 ♡3 ◇AQT84 ♣97 13 2 12 13 ♠97 ♡KT964 ◇K3 ♣AK54 N S N 10 10 S 5 5 H 10 10 D 5 5 C 10 10 630 E W N 3 3 S 8 8 H 3 3 D 8 8 C 3 3 110	**# 8** **W/None** Opt. res. -400 ♠T832 ♡JT52 ◇A873 ♣A ♠A5 ♡A763 ◇654 ♣K964 ♠KQ96 ♡KQ8 ◇QJ9 ♣JT2 9 11 14 6 ♠J74 ♡94 ◇KT2 ♣Q8753 N S N 3 3 S 4 4 H 4 4 D 5 5 C 4 4 -100 E W N 9 9 S 8 8 H 9 9 D 7 7 C 9 9 400	**# 9** **N/EW** Opt. res. -110 ♠Q82 ♡AQ7 ◇T93 ♣K964 ♠A653 ♡K63 ◇64 ♣QJ72 ♠K97 ♡J984 ◇AJ72 ♣A3 11 10 13 6 ♠JT4 ♡T52 ◇KQ85 ♣T85 N S N 6 6 S 5 5 H 5 5 D 6 6 C 6 6 -50 E W N 7 7 S 8 8 H 8 8 D 7 7 C 7 7 110	**# 10** **E/All** Opt. res. -600 ♠4 ♡A543 ◇T954 ♣J943 ♠A75 ♡KQ72 ◇AQ2 ♣T75 ♠KQJT93 ♡6 ◇876 ♣K86 5 15 9 11 ♠862 ♡JT98 ◇KJ3 ♣AQ2 N S N 4 4 S 3 3 H 7 7 D 6 6 C 6 6 80 E W N 9 9 S 9 9 H 5 5 D 6 6 C 6 6 600
# 11 **S/None** Opt. res. -990 ♠T ♡Q962 ◇KQ85 ♣J932 ♠A98543 ♡75 ◇AJ ♣AK6 ♠KQ72 ♡AK83 ◇63 ♣QT5 8 16 14 2 ♠J6 ♡JT4 ◇T9742 ♣874 N S N 1 1 S 0 0 H 3 3 D 5 5 C 2 2 -100 E W N 12 12 S 12 12 H 10 10 D 8 8 C 9 9 990	**# 12** **W/NS** Opt. res. -140 ♠JT2 ♡K42 ◇975 ♣AKQ4 ♠AK64 ♡AJ95 ◇63 ♣J86 ♠Q9875 ♡73 ◇AJT2 ♣T9 13 13 7 7 ♠3 ♡QT86 ◇KQ84 ♣7532 N S N 5 6 S 4 4 H 7 7 D 7 7 C 8 9 110 E W N 7 7 S 9 9 H 6 6 D 6 6 C 4 4 140	**# 13** **N/All** Opt. res. -200 ♠AJ976 ♡T6 ◇75 ♣AT86 ♠KQ ♡KJ852 ◇KJT9 ♣Q9 ♠532 ♡AQ943 ◇832 ♣KJ 9 15 10 6 ♠T84 ♡7 ◇AQ64 ♣75432 N S N 4 4 S 9 9 H 3 3 D 4 5 C 9 9 140 E W N 7 7 S 4 4 H 10 10 D 8 8 C 4 4 620	**# 14** **E/None** Opt. res. 300 ♠8532 ♡A9654 ◇T3 ♣J4 ♠AJT ♡73 ◇A986 ♣T962 ♠Q9764 ♡J ◇Q72 ♣A873 5 9 9 17 ♠K ♡KQT82 ◇KJ54 ♣KQ5 N S N 6 6 S 4 4 H 10 10 D 5 4 C 4 4 420 E W N 7 7 S 8 8 H 3 3 D 7 7 C 9 9 110	**# 15** **S/NS** Opt. res. -450 ♠72 ♡J7 ◇J92 ♣AKT876 ♠AKQ96 ♡5 ◇AT863 ♣52 ♠J853 ♡AKQ2 ◇K4 ♣J43 9 13 14 4 ♠T4 ♡T98643 ◇Q75 ♣Q9 N S N 3 3 S 0 0 H 5 5 D 2 2 C 6 6 -100 E W N 7 7 S 11 11 H 8 8 D 10 10 C 6 6 450
# 16 **W/EW** Opt. res. -660 ♠Q9753 ♡T8 ◇76 ♣J954 ♠KJ6 ♡J74 ◇AK82 ♣AQ2 ♠AT8 ♡Q962 ◇QJ53 ♣KT 3 18 12 7 ♠42 ♡AK53 ◇T94 ♣8763 N S N 2 2 S 4 4 H 2 2 D 2 2 C 4 4 -150 E W N 11 11 S 9 9 H 11 11 D 10 10 C 9 9 660	**# 17** **N/None** Opt. res. -450 ♠Q95 ♡AK9762 ◇Q3 ♣T4 ♠KJT82 ♡4 ◇AK84 ♣KJ8 ♠A73 ♡83 ◇JT972 ♣765 11 15 5 9 ♠64 ♡QJT5 ◇65 ♣AQ932 N S N 3 3 S 2 2 H 8 8 D 1 1 C 7 7 110 E W N 6 6 S 11 11 H 5 5 D 11 11 C 6 6 450	**# 18** **E/NS** Opt. res. -430 ♠Q ♡Q75 ◇AQ94 ♣JT865 ♠AJ875 ♡KT2 ◇T ♣AQ93 ♠KT2 ♡A86 ◇K753 ♣742 11 14 10 5 ♠9643 ♡J943 ◇J862 ♣K N S N 3 3 S 3 3 H 4 4 D 5 5 C 4 4 -200 E W N 10 10 S 10 10 H 8 8 D 7 7 C 9 9 430	**# 19** **S/EW** Opt. res. -600 ♠A ♡84 ◇AQJ9 ♣K98432 ♠KQJ73 ♡AQJT ◇2 ♣QT5 ♠842 ♡976 ◇K764 ♣AJ6 14 15 8 3 ♠T965 ♡K532 ◇T853 ♣7 N S N 2 2 S 2 2 H 3 4 D 5 6 C 5 5 -50 E W N 9 9 S 9 9 H 9 9 D 5 5 C 6 7 600	**# 20** **W/All** Opt. res. 110 ♠A975 ♡K432 ◇42 ♣K73 ♠842 ♡AQ87 ◇865 ♣QT2 ♠QT ♡J5 ◇KQ97 ♣AJ984 10 8 13 9 ♠KJ63 ♡T96 ◇AJT3 ♣65 N S N 6 6 S 8 8 H 7 7 D 6 6 C 5 5 110 E W N 7 7 S 5 4 H 6 6 D 7 7 C 7 7 90
# 21 **N/NS** Opt. res. -450 ♠T86 ♡43 ◇J32 ♣JT742 ♠J95 ♡QJ6 ◇KQ96 ♣K96 ♠AQ42 ♡AT2 ◇A754 ♣A5 2 12 18 8 ♠K73 ♡K9875 ◇T8 ♣Q83 N S N 2 2 S 2 2 H 3 3 D 2 2 C 5 5 -200 E W N 10 10 S 11 10 H 10 10 D 11 11 C 8 8 450	**# 22** **E/EW** Opt. res. 450 ♠T9743 ♡A93 ◇Q3 ♣Q93 ♠Q5 ♡87652 ◇J85 ♣T76 ♠KJ ♡QJ4 ◇AT92 ♣K842 8 3 14 15 ♠A862 ♡KT ◇K764 ♣AJ5 N S N 10 9 S 11 11 H 7 7 D 9 9 C 9 9 450 E W N 3 3 S 2 2 H 5 5 D 4 4 C 4 4 -200	**# 23** **S/All** Opt. res. -110 ♠862 ♡KJ2 ◇K874 ♣QJ4 ♠A974 ♡A8753 ◇A ♣A82 ♠QJ ♡T94 ◇QJ96 ♣T975 10 16 6 8 ♠KT53 ♡Q6 ◇T532 ♣K63 N S N 6 6 S 6 6 H 4 5 D 6 6 C 5 5 -100 E W N 7 7 S 7 7 H 8 8 D 7 7 C 8 8 110	**# 24** **W/None** Opt. res. 300 ♠AK4 ♡Q ◇KQ9732 ♣Q93 ♠J95 ♡AT98 ◇JT654 ♣A ♠7 ♡J7532 ◇A8 ♣K8765 16 10 8 6 ♠QT8632 ♡K64 ◇- ♣JT42 N S N 7 7 S 10 10 H 4 4 D 6 6 C 7 7 420 E W N 5 5 S 3 3 H 9 9 D 7 6 C 6 6 140	**# 25** **N/EW** Opt. res. -630 ♠986 ♡Q8 ◇QJ42 ♣9642 ♠Q3 ♡J954 ◇AK876 ♣AQ ♠AJT52 ♡A76 ◇T3 ♣KT7 5 16 12 7 ♠K74 ♡KT32 ◇95 ♣J853 N S N 3 3 S 2 2 H 3 3 D 3 3 C 5 5 -100 E W N 10 10 S 10 10 H 10 10 D 9 9 C 8 8 630
# 26 **E/All** Opt. res. 650 ♠KT86 ♡QJ ◇- ♣AKQJ852 ♠QJ ♡K982 ◇KJ943 ♣43 ♠972 ♡AT543 ◇72 ♣T76 16 10 4 10 ♠A543 ♡76 ◇AQT865 ♣9 N S N 8 8 S 11 11 H 5 5 D 7 7 C 11 11 650 E W N 1 1 S 0 0 H 7 7 D 4 4 C 1 1 80	**# 27** **S/None** Opt. res. -140 ♠943 ♡QJ43 ◇87 ♣K654 ♠A852 ♡AK ◇K942 ♣Q97 ♠76 ♡T8752 ◇QT ♣AT82 6 16 6 12 ♠KQJT ♡96 ◇AJ653 ♣J3 N S N 5 5 S 6 6 H 4 4 D 6 6 C 3 4 -50 E W N 8 8 S 7 7 H 9 9 D 7 7 C 9 9 140	

N HPC	E HPC	S HPC	W HPC	|---Voids---|				|--Singletons---|				|- >=7suit -|				|---Balanced----|			
9.33	10.70	8.74	11.22	1	1	1	0	9	4	10	8	2	1	0	0	14	21	14	18

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