# 1 **N/None** Opt. res. 420 ♠Q63 ♡AQT52 ♢K ♣AQ62 ♠J5 ♡843 ♢A863 ♣T853 ♠AK8742 ♡J9 ♢92 ♣974 ♠T9 ♡K76 ♢QJT754 ♣KJ 17 5 8 10 N S: N 6 6, S 6 6, H 10 10, D 9 9, C 9 9 — 420 E W: N 4 4, S 6 6, H 2 2, D 2 2, C 4 4 — -50	**# 2** **E/NS** Opt. res. 120 ♠AQ6 ♡976 ♢AJ43 ♣T85 ♠J854 ♡KQ ♢Q952 ♣Q64 ♠97 ♡AJ52 ♢876 ♣K972 ♠KT32 ♡T843 ♢KT ♣AJ3 11 10 8 11 N S: N 8 8, S 8 8, H 8 8, D 8 8, C 7 7 — 120 E W: N 5 5, S 5 5, H 5 5, D 5 5, C 6 6 — -50	**# 3** **S/EW** Opt. res. 420 ♠T98742 ♡T ♢J97 ♣KQ8 ♠Q ♡K54 ♢K654 ♣A7432 ♠63 ♡AQ873 ♢Q832 ♣T5 ♠AKJ5 ♡J962 ♢AT ♣J96 6 12 8 14 N S: N 7 7, S 10 10, H 4 4, D 3 4, C 5 5 — 420 E W: N 4 4, S 3 3, H 9 9, D 8 8, C 8 8 — 140	**# 4** **W/All** Opt. res. -200 ♠T9852 ♡Q5 ♢Q9 ♣JT43 ♠6 ♡KJT976432 ♢2 ♣K6 ♠K743 ♡A8 ♢AJT876 ♣Q ♠AQJ ♡- ♢K543 ♣A98752 5 7 14 14 N S: N 2 2, S 8 8, H 2 2, D 4 3, C 11 11 — 600 E W: N 10 10, S 5 4, H 11 11, D 9 8, C 2 2 — 650	**# 5** **N/NS** Opt. res. 1400 ♠QJ953 ♡QT ♢543 ♣K95 ♠72 ♡987 ♢82 ♣AJT762 ♠864 ♡65 ♢AQJ9 ♣Q843 ♠AKT ♡AKJ432 ♢KT76 ♣- 8 5 9 18 N S: N 11 11, S 12 12, H 12 12, D 9 9, C 6 6 — 1430 E W: N 2 2, S 1 0, H 1 1, D 3 3, C 7 7 — 70
# 6 **E/EW** Opt. res. 400 ♠AKQ ♡T92 ♢AKJ5 ♣A52 ♠JT97 ♡863 ♢984 ♣K86 ♠863 ♡KQ74 ♢72 ♣QJ43 ♠542 ♡AJ5 ♢QT63 ♣T97 21 4 8 7 N S: N 9 9, S 9 9, H 9 9, D 10 10, C 8 8 — 400 E W: N 3 3, S 4 4, H 4 4, D 3 3, C 5 5 — -200	**# 7** **S/All** Opt. res. 140 ♠42 ♡QT86 ♢97 ♣JT762 ♠AT7 ♡A974 ♢83 ♣Q984 ♠J65 ♡J2 ♢QJT62 ♣K53 ♠KQ983 ♡K53 ♢AK54 ♣A 3 10 8 19 N S: N 7 7, S 8 8, H 9 9, D 6 6, C 8 8 — 140 E W: N 5 5, S 5 5, H 4 4, D 5 5, C 5 5 — -200	**# 8** **W/None** Opt. res. 120 ♠973 ♡QT43 ♢98653 ♣A ♠8 ♡AK962 ♢K ♣QT8752 ♠JT652 ♡85 ♢QJT7 ♣93 ♠AKQ4 ♡J7 ♢A42 ♣KJ64 6 12 4 18 N S: N 8 8, S 7 7, H 7 7, D 8 8, C 6 6 — 120 E W: N 5 5, S 6 6, H 6 6, D 5 5, C 6 6 — -50	**# 9** **N/EW** Opt. res. 420 ♠AKQJ ♡7632 ♢J82 ♣82 ♠642 ♡QJT85 ♢975 ♣Q9 ♠T83 ♡4 ♢Q43 ♣AKT654 ♠975 ♡AK9 ♢AKT6 ♣J73 11 5 9 15 N S: N 7 7, S 10 10, H 8 8, D 10 10, C 7 7 — 420 E W: N 3 3, S 3 3, H 4 4, D 3 3, C 6 6 — -100	**# 10** **E/All** Opt. res. 140 ♠K2 ♡Q842 ♢J73 ♣KT76 ♠J965 ♡AT9 ♢AQT8 ♣Q4 ♠Q7 ♡753 ♢9642 ♣J953 ♠AT843 ♡KJ6 ♢K5 ♣A82 9 13 3 15 N S: N 8 8, S 8 9, H 8 9, D 7 7, C 8 8 — 140 E W: N 5 5, S 4 4, H 4 4, D 6 6, C 5 5 — -100
# 11 **S/None** Opt. res. -110 ♠T73 ♡J986 ♢T72 ♣764 ♠J42 ♡KQ743 ♢A94 ♣J5 ♠K985 ♡A2 ♢J63 ♣QT98 ♠AQ6 ♡T5 ♢KQ85 ♣AK32 1 11 10 18 N S: N 6 6, S 5 5, H 6 6, D 7 7, C 6 6 — 70 E W: N 7 7, S 8 7, H 7 7, D 6 6, C 7 7 — 110	**# 12** **W/NS** Opt. res. -140 ♠QT82 ♡754 ♢AQ9 ♣AT5 ♠K4 ♡AKQ6 ♢JT32 ♣K64 ♠A93 ♡J982 ♢75 ♣Q982 ♠J765 ♡T3 ♢K864 ♣J73 12 16 7 5 N S: N 5 5, S 7 7, H 4 4, D 6 6, C 5 5 — 80 E W: N 7 7, S 6 6, H 9 9, D 7 7, C 8 8 — 140	**# 13** **N/All** Opt. res. -1440 ♠5 ♡QT52 ♢J95 ♣Q6532 ♠KJT7 ♡K97 ♢Q72 ♣A97 ♠8432 ♡A8 ♢AK864 ♣KJ ♠AQ96 ♡J643 ♢T3 ♣T84 5 13 15 7 N S: N 1 1, S 1 1, H 4 4, D 1 1, C 5 5 — -200 E W: N 12 12, S 12 12, H 8 8, D 11 11, C 8 8 — 1440	**# 14** **E/None** Opt. res. 140 ♠J864 ♡A42 ♢AKJ84 ♣A ♠A2 ♡KJ975 ♢Q952 ♣K9 ♠K73 ♡QT8 ♢T76 ♣QT43 ♠QT95 ♡63 ♢3 ♣J87652 17 13 7 3 N S: N 5 5, S 9 9, H 6 6, D 7 7, C 7 7 — 140 E W: N 6 6, S 2 3, H 7 7, D 5 5, C 5 5 — 80	**# 15** **S/NS** Opt. res. 650 ♠Q ♡AJ876 ♢KQ9 ♣Q862 ♠AK873 ♡Q2 ♢A85 ♣KT7 ♠J2 ♡T3 ♢T7432 ♣J943 ♠T9654 ♡K954 ♢J6 ♣A5 14 16 2 8 N S: N 8 8, S 7 7, H 10 11, D 6 6, C 7 7 — 650 E W: N 5 5, S 6 6, H 2 2, D 7 7, C 5 5 — 70
# 16 **W/EW** Opt. res. -600 ♠T3 ♡Q8732 ♢9 ♣98752 ♠J ♡AKT96 ♢K8643 ♣63 ♠AK9764 ♡4 ♢J75 ♣KQJ ♠Q852 ♡J5 ♢AQT2 ♣AT4 2 11 14 13 N S: N 4 4, S 4 4, H 5 5, D 3 3, C 6 6 — -50 E W: N 9 9, S 8 8, H 8 8, D 10 9, C 6 6 — 600	**# 17** **N/None** Opt. res. -140 ♠JT3 ♡AK97 ♢972 ♣Q92 ♠Q87542 ♡J832 ♢AJ8 ♣- ♠K9 ♡QT ♢KT643 ♣A863 ♠A6 ♡654 ♢Q5 ♣KJT754 10 8 12 10 N S: N 6 6, S 4 4, H 5 5, D 3 3, C 8 8 — 90 E W: N 6 6, S 9 9, H 7 7, D 9 9, C 5 5 — 140	**# 18** **E/NS** Opt. res. 650 ♠AK9732 ♡5 ♢JT72 ♣T4 ♠T85 ♡QT642 ♢K3 ♣J85 ♠J4 ♡KJ83 ♢965 ♣AQ92 ♠Q6 ♡A97 ♢AQ84 ♣K763 8 6 11 15 N S: N 8 8, S 11 11, H 5 5, D 11 11, C 7 7 — 650 E W: N 3 3, S 2 2, H 8 8, D 2 2, C 5 5 — 110	**# 19** **S/EW** Opt. res. 990 ♠K32 ♡K3 ♢T943 ♣AQJ3 ♠Q5 ♡9765 ♢7652 ♣KT9 ♠7 ♡AQT42 ♢K8 ♣87654 ♠AJT9864 ♡J8 ♢AQJ ♣2 13 5 9 13 N S: N 12 8, S 12 11, H 7 6, D 12 11, C 8 7 — 990 E W: N 0 0, S 0 0, H 6 5, D 0 0, C 5 5 — -100	**# 20** **W/All** Opt. res. 1440 ♠A8 ♡AJT82 ♢AKQ4 ♣A5 ♠T5 ♡953 ♢87632 ♣K83 ♠KQ9643 ♡Q4 ♢J ♣T976 ♠J72 ♡K76 ♢T95 ♣QJ42 22 3 8 7 N S: N 12 12, S 7 7, H 12 12, D 12 12, C 9 9 — 1440 E W: N 1 1, S 5 5, H 1 1, D 1 1, C 3 4 — -200
# 21 **N/NS** Opt. res. -450 ♠K863 ♡QJ6 ♢93 ♣8732 ♠5 ♡T95432 ♢A72 ♣AJT ♠AQ9 ♡K87 ♢KQ64 ♣K65 ♠JT742 ♡A ♢JT85 ♣Q94 6 9 17 8 N S: N 2 2, S 5 5, H 2 2, D 3 3, C 4 4 — -200 E W: N 9 9, S 7 7, H 11 11, D 10 10, C 9 9 — 450	**# 22** **E/EW** Opt. res. -300 ♠Q9 ♡J87 ♢9732 ♣KQT7 ♠832 ♡T9 ♢KQJ5 ♣J952 ♠AKJ6 ♡A6 ♢AT86 ♣A84 ♠T754 ♡KQ5432 ♢4 ♣63 8 7 20 5 N S: N 4 4, S 4 4, H 8 8, D 3 3, C 4 4 — 110 E W: N 9 9, S 9 9, H 5 5, D 10 10, C 9 9 — 600	**# 23** **S/All** Opt. res. -110 ♠- ♡KQJ8 ♢JT652 ♣T742 ♠9652 ♡97654 ♢73 ♣KJ ♠K4 ♡AT3 ♢AK84 ♣A865 ♠AQJT873 ♡2 ♢Q9 ♣Q93 7 4 18 11 N S: N 6 6, S 5 5, H 4 5, D 5 6, C 6 6 — -100 E W: N 7 7, S 7 8, H 8 8, D 7 7, C 7 7 — 110	**# 24** **W/None** Opt. res. 450 ♠- ♡AKQJ5 ♢AT ♣Q97642 ♠T8542 ♡9842 ♢5 ♣AK8 ♠QJ7 ♡73 ♢QJ9762 ♣T3 ♠AK963 ♡T6 ♢K843 ♣J5 16 7 6 11 N S: N 10 10, S 8 8, H 11 11, D 8 8, C 11 11 — 450 E W: N 2 2, S 5 5, H 2 2, D 5 5, C 2 2 — -100	**# 25** **N/EW** Opt. res. -650 ♠J7 ♡J95 ♢KJ532 ♣Q85 ♠KQ432 ♡T87 ♢AT98 ♣K ♠AT8 ♡A632 ♢74 ♣AJ62 ♠965 ♡KQ4 ♢Q6 ♣T9743 8 12 13 7 N S: N 3 3, S 2 2, H 3 3, D 5 5, C 5 5 — -100 E W: N 10 10, S 11 11, H 10 10, D 8 8, C 7 7 — 650
# 26 **E/All** Opt. res. -650 ♠Q98 ♡9 ♢KJT954 ♣T84 ♠KJ64 ♡KQ864 ♢Q76 ♣7 ♠AT75 ♡JT7 ♢A2 ♣AQ95 ♠32 ♡A532 ♢83 ♣KJ632 6 11 15 8 N S: N 3 3, S 2 2, H 2 2, D 7 7, C 6 6 — 70 E W: N 10 10, S 11 11, H 11 10, D 6 6, C 6 6 — 650	**# 27** **S/None** Opt. res. 300 ♠KT76 ♡972 ♢A ♣T8654 ♠J8 ♡AQ64 ♢K742 ♣J97 ♠- ♡KJT3 ♢QT983 ♣KQ32 ♠AQ95432 ♡85 ♢J65 ♣A 7 11 11 11 N S: N 9 9, S 11 11, H 2 2, D 2 2, C 5 5 — 450 E W: N 4 4, S 1 1, H 7 7, D 10 10, C 7 7 — 130			

N HPC	E HPC	S HPC	W HPC	Voids				Singletons				>=7suit				Balanced			
9.59	10.15	11.15	9.11	2	1	2	1	10	5	7	10	0	0	3	1	15	19	16	17

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