# 1 **N/None** Opt. res. 430 ♠KT754 ♥Q6 ♦T43 ♣AT8 ♠AJ832 ♥- ♦J752 ♣9643 ♠Q9 ♥JT983 ♦986 ♣J52 ♠6 ♥AK7542 ♦AKQ ♣KQ7 N 9 6 4 21 ♙ N S: N 10 10, S 9 9, H 10 10, D 9 9, C 10 10 = 430 E W: N 3 3, S 4 4, H 3 3, D 3 3, C 3 3 = -150	**# 2** **E/NS** Opt. res. -110 ♠AKT ♥K2 ♦8742 ♣K953 ♠Q74 ♥JT ♦AK953 ♣A76 ♠J962 ♥Q9653 ♦J ♣Q84 ♠853 ♥A874 ♦QT6 ♣JT2 N 13 14 6 7 ♙ N S: N 6 6, S 5 5, H 5 5, D 6 6, C 7 6 = 70 E W: N 6 6, S 7 7, H 7 8, D 6 6, C 6 6 = 110	**# 3** **S/EW** Opt. res. 110 ♠AK7432 ♥8 ♦QJT ♣653 ♠QT98 ♥K94 ♦862 ♣Q92 ♠J65 ♥Q532 ♦K5 ♣AKT4 ♠- ♥AJT76 ♦A9743 ♣J87 N 10 7 13 10 ♙ N S: N 7 7, S 8 8, H 7 7, D 9 9, C 6 6 = 110 E W: N 6 5, S 5 5, H 6 5, D 3 2, C 5 5 = -100	**# 4** **W/All** Opt. res. -650 ♠T6 ♥K93 ♦QJT43 ♣T64 ♠7 ♥AQJ4 ♦AK92 ♣AJ83 ♠Q98 ♥T765 ♦85 ♣KQ97 ♠AKJ5432 ♥82 ♦76 ♣52 N 6 19 7 8 ♙ N S: N 6 6, S 8 8, H 2 2, D 5 5, C 2 2 = 110 E W: N 7 6, S 5 5, H 11 11, D 8 8, C 11 11 = 650
# 5 **N/NS** Opt. res. -400 ♠Q9532 ♥A972 ♦T87 ♣4 ♠K84 ♥KJ6 ♦AJ6 ♣J876 ♠JT76 ♥Q3 ♦KQ9543 ♣A ♠A ♥T854 ♦2 ♣KQT9532 N 6 13 12 9 ♙ N S: N 3 3, S 4 4, H 8 8, D 3 3, C 8 8 = 110 E W: N 9 9, S 8 8, H 5 5, D 10 10, C 5 5 = 400	**# 6** **E/EW** Opt. res. 400 ♠QT8743 ♥Q ♦3 ♣KQT94 ♠5 ♥T9432 ♦9874 ♣AJ6 ♠AKJ2 ♥J86 ♦Q2 ♣8532 ♠96 ♥AK75 ♦AKJT65 ♣7 N 9 5 11 15 ♙ N S: N 9 9, S 9 9, H 8 7, D 9 9, C 8 8 = 400 E W: N 4 4, S 4 4, H 5 5, D 3 3, C 4 4 = -200	**# 7** **S/All** Opt. res. 140 ♠K4 ♥A73 ♦742 ♣QJ982 ♠8 ♥J965 ♦AJ83 ♣K654 ♠JT7 ♥KT4 ♦KQ95 ♣AT7 ♠AQ96532 ♥Q82 ♦T6 ♣3 N 10 9 13 8 ♙ N S: N 7 7, S 9 9, H 4 4, D 3 3, C 5 5 = 140 E W: N 5 5, S 4 4, H 9 9, D 9 10, C 8 8 = 140	**# 8** **W/None** Opt. res. -420 ♠AJT84 ♥T ♦J83 ♣A743 ♠KQ975 ♥KJ32 ♦QT6 ♣K ♠3 ♥Q9754 ♦AK2 ♣T962 ♠62 ♥A86 ♦9754 ♣QJ85 N 10 14 9 7 ♙ N S: N 6 6, S 6 6, H 3 3, D 7 7, C 8 8 = 90 E W: N 6 6, S 7 7, H 10 10, D 6 6, C 5 5 = 420
# 9 **N/EW** Opt. res. -660 ♠KQ964 ♥K92 ♦JT ♣T92 ♠AT2 ♥AQ ♦K76532 ♣65 ♠875 ♥JT8 ♦A94 ♣AK84 ♠J3 ♥76543 ♦Q8 ♣QJ73 N 9 13 12 6 ♙ N S: N 2 2, S 5 5, H 4 4, D 2 2, C 4 4 = -100 E W: N 11 11, S 8 8, H 8 8, D 11 11, C 8 8 = 660	**# 10** **E/All** Opt. res. 650 ♠87643 ♥QT8 ♦AK62 ♣2 ♠A5 ♥J75 ♦Q8 ♣KJ9853 ♠KQJT92 ♥63 ♦J54 ♣74 ♠- ♥AK942 ♦T973 ♣AQT6 N 9 11 7 13 ♙ N S: N 7 7, S 5 5, H 11 11, D 11 11, C 8 8 = 650 E W: N 5 5, S 7 7, H 2 2, D 2 2, C 5 5 = 80	**# 11** **S/None** Opt. res. -100 ♠J842 ♥- ♦JT963 ♣J973 ♠T753 ♥QJ93 ♦K82 ♣AK ♠KQ ♥T8762 ♦7 ♣QT864 ♠A96 ♥AK54 ♦AQ54 ♣52 N 3 13 7 17 ♙ N S: N 7 7, S 7 7, H 4 4, D 9 9, C 6 6 = 110 E W: N 4 4, S 4 4, H 8 9, D 4 4, C 7 7 = 140	**# 12** **W/NS** Opt. res. 120 ♠JT96 ♥Q93 ♦5 ♣KQJ54 ♠K ♥J8765 ♦K8 ♣T9862 ♠AQ7543 ♥A4 ♦9432 ♣3 ♠82 ♥KT2 ♦AQJT76 ♣A7 N 9 7 10 14 ♙ N S: N 8 8, S 6 6, H 7 7, D 8 8, C 8 8 = 120 E W: N 5 5, S 7 7, H 5 5, D 4 4, C 5 5 = 80
# 13 **N/All** Opt. res. -140 ♠762 ♥Q63 ♦AQ95 ♣A96 ♠AKJ9 ♥K42 ♦T83 ♣T87 ♠T43 ♥A75 ♦J62 ♣KQ53 ♠Q85 ♥JT98 ♦K74 ♣J42 N 12 11 10 7 ♙ N S: N 5 5, S 4 4, H 6 6, D 6 6, C 5 5 = -100 E W: N 8 8, S 9 9, H 7 7, D 7 7, C 8 8 = 140	**# 14** **E/None** Opt. res. 400 ♠AT972 ♥97 ♦AQ3 ♣854 ♠K8543 ♥64 ♦KJ72 ♣AT ♠QJ6 ♥KQJ832 ♦T86 ♣7 ♠- ♥AT5 ♦954 ♣KQJ9632 N 10 11 9 10 ♙ N S: N 9 9, S 6 6, H 6 6, D 6 6, C 11 11 = 400 E W: N 3 3, S 7 7, H 7 7, D 7 6, C 2 2 = 80	**# 15** **S/NS** Opt. res. -200 ♠AQ986 ♥753 ♦J763 ♣Q ♠T3 ♥KQ862 ♦KQ ♣A543 ♠J74 ♥AJT ♦T8 ♣KJ876 ♠K52 ♥94 ♦A9542 ♣T92 N 9 14 10 7 ♙ N S: N 3 3, S 9 9, H 2 2, D 9 9, C 2 2 = 140 E W: N 7 7, S 4 4, H 10 10, D 4 4, C 10 10 = 420	**# 16** **W/EW** Opt. res. 110 ♠AJ9843 ♥92 ♦J2 ♣AQ4 ♠QT76 ♥J8 ♦AQT86 ♣J2 ♠K5 ♥Q754 ♦953 ♣K653 ♠2 ♥AKT63 ♦K74 ♣T987 N 12 10 8 10 ♙ N S: N 7 7, S 7 7, H 8 8, D 6 6, C 9 8 = 110 E W: N 6 6, S 6 6, H 5 5, D 6 6, C 4 4 = -100
# 17 **N/None** Opt. res. 400 ♠32 ♥J ♦AQ32 ♣J98754 ♠Q87 ♥KQ97652 ♦5 ♣KQ ♠J965 ♥83 ♦T9864 ♣A2 ♠AKT4 ♥AT4 ♦KJ7 ♣T63 N 8 12 5 15 ♙ N S: N 7 7, S 8 8, H 5 5, D 9 9, C 11 11 = 400 E W: N 3 3, S 5 5, H 8 8, D 4 4, C 2 2 = 110	**# 18** **E/NS** Opt. res. 140 ♠2 ♥K64 ♦743 ♣KQ8754 ♠T9 ♥AT985 ♦QT2 ♣T93 ♠KJ ♥QJ732 ♦AK5 ♣J62 ♠AQ876543 ♥- ♦J986 ♣A N 8 6 15 11 ♙ N S: N 7 7, S 9 9, H 6 6, D 8 8, C 8 8 = 140 E W: N 4 4, S 4 3, H 7 7, D 5 4, C 5 5 = 80	**# 19** **S/EW** Opt. res. 130 ♠AQ3 ♥T5 ♦AK754 ♣654 ♠KJ ♥AK96 ♦986 ♣QJT3 ♠T9862 ♥J8732 ♦J ♣87 ♠754 ♥Q4 ♦QT32 ♣AK92 N 13 14 2 11 ♙ N S: N 8 8, S 6 6, H 5 5, D 9 10, C 9 9 = 130 E W: N 4 4, S 6 6, H 8 8, D 3 3, C 4 4 = 110	**# 20** **W/All** Opt. res. -110 ♠Q84 ♥864 ♦97532 ♣J3 ♠JT76 ♥AKJT3 ♦KQ6 ♣2 ♠5 ♥752 ♦J4 ♣KQ98754 ♠AK932 ♥Q9 ♦AT8 ♣AT6 N 3 14 6 17 ♙ N S: N 6 6, S 7 7, H 4 4, D 7 7, C 4 4 = 80 E W: N 7 7, S 6 6, H 8 8, D 5 5, C 9 9 = 110
# 21 **N/NS** Opt. res. 90 ♠AK ♥KJ74 ♦J842 ♣A65 ♠Q843 ♥A85 ♦A95 ♣K32 ♠965 ♥Q32 ♦KQ7 ♣T874 ♠JT72 ♥T96 ♦T63 ♣QJ9 N 16 13 7 4 ♙ N S: N 7 7, S 7 7, H 7 7, D 7 7, C 6 6 = 90 E W: N 6 6, S 6 6, H 6 6, D 6 6, C 7 7 = 70			

N HPC	E HPC	S HPC	W HPC	|---Voids---|	|--Singletons---|	|- >=7suit -|	|---Balanced----|
9.24	8.71	10.81	11.24	1 0 4 1	10 8 7 7	0 1 5 1	10 12 10 11

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