# 1 **N/None** Opt. res. 450 ♠T742 ♥AQJ875 ♦853 ♣- ♠KQ5 ♥3 ♦KQ ♣AJ98762 ♠J986 ♥T42 ♦T9642 ♣T ♠A3 ♥K96 ♦AJ7 ♣KQ543 7 15 1 17 N 9 9 S 7 7 H 11 11 D 7 7 C 6 6 450 E W N 4 4 S 5 5 H 2 2 D 6 6 C 7 7 70	**# 2** **E/NS** Opt. res. -110 ♠K9 ♥K7 ♦AT7632 ♣KQ3 ♠76543 ♥652 ♦J4 ♣J96 ♠A8 ♥AQJ8 ♦KQ9 ♣A754 ♠QJT2 ♥T943 ♦85 ♣T82 15 2 20 3 N 5 5 S 5 5 H 5 5 D 7 6 C 5 4 70 E W N 7 7 S 8 8 H 8 8 D 6 7 C 8 8 110	**# 3** **S/EW** Opt. res. 420 ♠K8764 ♥AK96 ♦9 ♣Q85 ♠Q ♥Q873 ♦KQ76 ♣J762 ♠953 ♥J4 ♦JT82 ♣AK43 ♠AJT2 ♥T52 ♦A543 ♣T9 12 10 9 9 N 8 8 S 10 10 H 9 9 D 6 6 C 5 5 420 E W N 4 4 S 2 2 H 4 4 D 7 7 C 7 7 70	**# 4** **W/All** Opt. res. -650 ♠KT98 ♥Q8 ♦Q4 ♣KQT64 ♠- ♥JT742 ♦T7653 ♣A73 ♠J7432 ♥AK53 ♦AJ ♣92 ♠AQ65 ♥96 ♦K982 ♣J85 12 5 13 10 N 5 5 S 8 8 H 2 2 D 4 4 C 7 7 110 E W N 7 7 S 5 5 H 11 11 D 9 9 C 6 6 650
# 5 **N/NS** Opt. res. -430 ♠Q975 ♥AT43 ♦95 ♣A62 ♠32 ♥K986 ♦A874 ♣KQ3 ♠AKJ84 ♥QJ2 ♦JT6 ♣J4 ♠T6 ♥75 ♦KQ32 ♣T9875 10 12 13 5 N 3 3 S 4 4 H 4 4 D 3 3 C 5 5 -200 E W N 10 10 S 9 9 H 9 9 D 9 9 C 7 7 430	**# 6** **E/EW** Opt. res. 500 ♠A95 ♥952 ♦KQ7 ♣KQ82 ♠QJ832 ♥QJ7 ♦AJ843 ♣- ♠KT764 ♥K4 ♦T652 ♣74 ♠- ♥AT863 ♦9 ♣AJT9653 14 11 6 9 N 9 9 S 4 4 H 10 10 D 4 4 C 11 11 420 E W N 3 3 S 9 9 H 3 2 D 9 8 C 2 2 140	**# 7** **S/All** Opt. res. -90 ♠Q9654 ♥Q85 ♦K5 ♣AT8 ♠A8 ♥JT72 ♦AQ74 ♣976 ♠JT72 ♥A3 ♦T93 ♣QJ53 ♠K3 ♥K964 ♦J862 ♣K42 11 11 8 10 N 6 6 S 7 7 H 7 7 D 6 6 C 6 6 80 E W N 7 7 S 6 6 H 6 6 D 7 7 C 7 7 90	**# 8** **W/None** Opt. res. 460 ♠AKQJ8 ♥A765 ♦KT2 ♣K ♠T972 ♥T84 ♦AJ7 ♣T54 ♠4 ♥2 ♦8654 ♣AJ87632 ♠653 ♥KQJ93 ♦Q93 ♣Q9 20 5 5 10 N 11 11 S 11 11 H 11 11 D 8 8 C 5 5 460 E W N 2 2 S 1 1 H 1 1 D 4 4 C 8 8 90
# 9 **N/EW** Opt. res. -650 ♠62 ♥96 ♦KQ94 ♣96543 ♠AQ8 ♥AKT83 ♦87 ♣AKT ♠T9543 ♥QJ ♦JT5 ♣Q72 ♠KJ7 ♥7542 ♦A632 ♣J8 5 20 6 9 N 0 0 S 0 0 H 0 0 D 5 5 C 3 3 -100 E W N 9 9 S 10 10 H 11 11 D 8 8 C 9 9 650	**# 10** **E/All** Opt. res. 130 ♠A982 ♥Q96 ♦T ♣QJT76 ♠KJ7654 ♥T ♦A963 ♣A3 ♠QT ♥J7543 ♦J872 ♣K9 ♠3 ♥AK82 ♦KQ54 ♣8542 9 12 7 12 N 5 5 S 4 4 H 7 7 D 5 5 C 10 10 130 E W N 7 7 S 9 9 H 5 5 D 8 8 C 3 3 140	**# 11** **S/None** Opt. res. 90 ♠97 ♥J4 ♦J854 ♣KT832 ♠8642 ♥AT53 ♦7 ♣QJ97 ♠QT3 ♥986 ♦KQT96 ♣A4 ♠AKJ5 ♥KQ72 ♦A32 ♣65 5 7 11 17 N 7 7 S 7 7 H 7 6 D 7 7 C 8 7 90 E W N 5 5 S 5 5 H 6 6 D 6 6 C 4 5 -50	**# 12** **W/NS** Opt. res. 630 ♠AKQ75 ♥A842 ♦K42 ♣6 ♠4 ♥63 ♦AQJ986 ♣KT42 ♠9632 ♥JT97 ♦5 ♣Q753 ♠JT8 ♥KQ5 ♦T73 ♣AJ98 16 10 3 11 N 10 10 S 10 10 H 10 10 D 7 7 C 6 6 630 E W N 3 3 S 2 2 H 3 3 D 6 6 C 7 7 70
# 13 **N/All** Opt. res. -630 ♠K8643 ♥63 ♦Q9753 ♣5 ♠T972 ♥72 ♦AJ42 ♣A94 ♠AJ5 ♥AK ♦KT86 ♣Q832 ♠Q ♥QJT9854 ♦- ♣KJT76 5 9 17 9 N 3 3 S 3 3 H 7 7 D 3 3 C 4 4 80 E W N 10 10 S 10 9 H 6 6 D 10 10 C 9 8 630	**# 14** **E/None** Opt. res. -990 ♠2 ♥96 ♦KT8763 ♣AJ43 ♠AJT43 ♥AJ843 ♦4 ♣T9 ♠KQ9 ♥QT2 ♦AQJ95 ♣KQ ♠8765 ♥K75 ♦2 ♣87652 8 10 19 3 N 0 0 S 0 0 H 0 0 D 4 4 C 6 6 -50 E W N 12 12 S 12 12 H 12 12 D 9 9 C 7 7 990	**# 15** **S/NS** Opt. res. 100 ♠AK974 ♥Q5 ♦K7 ♣8653 ♠T3 ♥AJ64 ♦QJ84 ♣AKJ ♠Q8 ♥KT72 ♦T932 ♣942 ♠J652 ♥983 ♦A65 ♣QT7 12 16 5 7 N 6 6 S 8 8 H 4 4 D 4 4 C 7 7 110 E W N 6 6 S 5 5 H 8 8 D 9 9 C 6 6 110	**# 16** **W/EW** Opt. res. 90 ♠T9 ♥QJ3 ♦J32 ♣KQT62 ♠K ♥A965 ♦AKQ94 ♣A87 ♠765432 ♥82 ♦T87 ♣J3 ♠AQJ8 ♥KT74 ♦65 ♣954 9 20 1 10 N 6 6 S 6 6 H 7 7 D 5 5 C 8 8 90 E W N 7 7 S 7 7 H 6 6 D 8 8 C 4 4 90

N HPC	E HPC	S HPC	W HPC	|---Voids---|				|--Singletons---|				|- >=7suit -|				|---Balanced----|			
10.63	9.00	9.44	10.94	1	0	2	2	6	4	4	7	0	1	2	1	8	12	12	7

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