



# 1 N/None Opt. res. 1520 ♠ AT2 ♥ AQ43 ♦ AK874 ♣ A ♠ 4 ♥ K9652 ♦ T6 ♣ JT932 21 4 4 11 ♠ KQJ853 ♥ T7 ♦ 9 ♣ KQ87 N 13 13 13 13 S 13 13 11 11 E 10 10 10 10 W 10 10 10 10 C 1520	# 2 E/NS Opt. res. -110 ♠ 542 ♥ QT652 ♦ 43 ♣ 764 ♠ J93 ♥ AJ ♦ T862 ♣ QJ92 2 9 16 13 ♠ QT8 ♥ K874 ♦ A75 ♣ A53 N 6 4 7 4 S 6 4 7 4 E 4 4 4 4 W 80 N 4 3 4 3 S 4 3 4 3 E 3 3 3 3 W 3 C 110	# 3 S/EW Opt. res. 140 ♠ T63 ♥ AJ82 ♦ 85 ♣ K864 ♠ K97 ♥ Q ♦ AT7632 ♣ AT3 8 13 5 14 ♠ AQJ2 ♥ KT76 ♦ KJ ♣ 752 ♠ 854 ♥ 9543 ♦ Q94 ♣ QJ9 N 7 9 9 9 S 7 9 9 9 E 5 5 5 5 W 8 8 8 8 C 140
# 4 W/All Opt. res. -130 ♠ A9863 ♥ 9642 ♦ 2 ♣ KT6 ♠ K5 ♥ A ♦ AQ86 ♣ AQJ743 7 20 4 9 ♠ J7 ♥ KQT83 ♦ K9754 ♣ 8 N 4 6 8 9 S 6 9 5 3 E 3 3 3 3 W 140 N 7 7 7 7 S 7 7 7 7 E 4 4 4 4 W 10 10 10 10 C 130	# 5 N/NS Opt. res. -420 ♠ 82 ♥ AT4 ♦ QJ9732 ♣ 97 ♠ Q43 ♥ 8 ♦ AKT5 ♣ QT865 7 11 15 7 ♠ JT96 ♥ Q973 ♦ 4 ♣ KJ42 N 4 3 4 3 S 4 3 4 3 E 3 3 3 3 W 3 C 420	# 6 E/EW Opt. res. 450 ♠ AT63 ♥ A42 ♦ AKQT92 ♣ - ♠ J2 ♥ T65 ♦ 8765 ♣ JT85 17 2 11 10 ♠ 87 ♥ QJ97 ♦ J4 ♣ AQ764 ♠ KQ954 ♥ K83 ♦ 3 ♣ K932 N 10 10 11 11 S 8 8 11 11 E 7 7 7 7 W 450 N 2 4 1 1 S 2 4 1 1 E 6 6 6 6 W 2 2 2 2 C 6
# 7 S/All Opt. res. 120 ♠ A6 ♥ AJT62 ♦ Q6 ♣ AK84 ♠ KJ752 ♥ 9854 ♦ A973 ♣ - 18 8 7 7 ♠ 83 ♥ KQ ♦ JT542 ♣ J732 N 8 8 8 8 S 8 8 8 8 E 9 9 9 9 W 120 N 4 4 4 4 S 4 4 4 4 E 5 5 5 5 W 110 C 110	# 8 W/None Opt. res. 90 ♠ KQ ♥ AT864 ♦ AKJ7 ♣ K4 ♠ T962 ♥ KJ952 ♦ 3 ♣ AQT 20 10 5 5 ♠ 8754 ♥ Q3 ♦ Q2 ♣ J7632 N 7 6 7 7 S 7 6 7 7 E 7 7 7 7 W 90 N 5 6 5 6 S 5 6 5 6 E 5 5 5 5 W 5 C 5	# 9 N/EW Opt. res. -2220 ♠ QT74 ♥ J84 ♦ J95 ♣ J98 ♠ KJ85 ♥ - ♦ AKQT32 ♣ AKQ 5 22 8 5 ♠ 6 ♥ KQT7532 ♦ 76 ♣ 764 ♠ A932 ♥ A96 ♦ 84 ♣ T532 N 0 1 6 6 S 0 0 0 0 E 0 0 0 0 W 0 N 13 12 13 13 S 13 12 13 13 E 7 7 7 7 W 2220 C 2220
# 10 E/All Opt. res. -650 ♠ Q8 ♥ AJ984 ♦ AT9 ♣ 832 ♠ AKT2 ♥ T76 ♦ 5 ♣ AKQ94 11 16 10 3 ♠ 964 ♥ Q532 ♦ J643 ♣ T5 N 4 2 7 5 S 4 2 7 5 E 2 2 2 2 W 80 N 7 6 8 11 S 7 6 8 11 E 11 11 11 11 W 650 C 650	# 11 S/None Opt. res. 110 ♠ 873 ♥ KQ7 ♦ K43 ♣ KQ42 ♠ A65 ♥ 943 ♦ QJ ♣ AT863 13 11 7 9 ♠ KJT9 ♥ A6 ♦ 87652 ♣ J9 N 7 8 6 8 S 7 8 6 8 E 7 7 7 7 W 110 N 5 5 5 5 S 5 5 5 5 E 5 5 5 5 W 80 C 80	# 12 W/NS Opt. res. -420 ♠ 4 ♥ 852 ♦ Q54 ♣ AKT542 ♠ KQJ765 ♥ AK ♦ AK96 ♣ J 9 21 2 8 ♠ AT8 ♥ QJT964 ♦ J2 ♣ 97 ♠ 932 ♥ 73 ♦ T873 ♣ Q863 N 4 3 8 3 S 4 3 8 3 E 7 7 7 7 W 110 N 9 10 10 10 S 9 10 10 10 E 4 4 5 5 W 420 C 420
# 13 N/All Opt. res. 620 ♠ KT52 ♥ T8 ♦ K ♣ AQT932 ♠ 863 ♥ AQ93 ♦ 9864 ♣ K6 12 9 10 9 ♠ AJ94 ♥ K7654 ♦ T72 ♣ J N 5 10 7 4 S 5 10 7 4 E 9 9 9 9 W 620 N 3 2 5 8 S 3 2 5 8 E 3 3 3 3 W 90 C 90	# 14 E/None Opt. res. 140 ♠ KQ964 ♥ 97 ♦ KJ2 ♣ J72 ♠ AT2 ♥ Q84 ♦ Q84 ♣ AKT5 10 15 4 11 ♠ J873 ♥ AKJ6 ♦ 96 ♣ Q94 ♠ 5 ♥ T532 ♦ AT753 ♣ 863 N 6 9 6 5 S 6 9 6 5 E 5 5 5 5 W 140 N 6 4 7 8 S 6 4 7 8 E 7 7 7 7 W 90 C 90	# 15 S/NS Opt. res. 630 ♠ AJ6 ♥ KQ52 ♦ 532 ♣ 754 ♠ K974 ♥ T74 ♦ J74 ♣ 983 10 4 11 15 ♠ QT5 ♥ AJ963 ♦ A98 ♣ A6 ♠ 832 ♥ 8 ♦ KQT6 ♣ KQJT2 N 10 10 10 10 S 10 10 10 10 E 6 6 6 6 W 630 N 3 4 3 5 S 3 4 3 5 E 7 7 7 7 W 70 C 70
# 16 W/EW Opt. res. 420 ♠ AKT32 ♥ AQJ ♦ 875 ♣ A7 ♠ J96 ♥ T87 ♦ AT92 ♣ QJ3 18 8 5 9 ♠ Q ♥ K962 ♦ J64 ♣ K6542 ♠ 8754 ♥ 543 ♦ KQ3 ♣ T98 N 9 10 10 10 S 9 10 10 10 E 9 9 9 9 W 420 N 2 0 1 4 S 2 0 1 4 E 2 2 2 2 W 2 C 2	# 17 N/None Opt. res. -100 ♠ A ♥ AK43 ♦ J753 ♣ A852 ♠ KQ954 ♥ - ♦ K84 ♣ KJT43 16 12 5 7 ♠ J87632 ♥ 7 ♦ A62 ♣ Q96 ♠ T ♥ QJT98652 ♦ QT9 ♣ 7 N 6 6 5 7 S 6 6 5 7 E 6 6 6 6 W 90 N 6 6 6 6 S 6 6 6 6 E 6 6 6 6 W 110 C 110	# 18 E/NS Opt. res. -110 ♠ 7 ♥ KQ952 ♦ K ♣ J96542 ♠ AK8 ♥ AT643 ♦ AQ52 ♣ Q 9 19 6 6 ♠ JT952 ♥ - ♦ JT643 ♣ AT3 ♠ Q643 ♥ J87 ♦ 987 ♣ K87 N 6 5 5 5 S 6 5 5 5 E 5 5 5 5 W 70 N 7 7 8 7 S 7 7 8 7 E 4 4 4 4 W 110 C 110

N HPC E HPC S HPC W HPC |---Voids---| |---Singletons---| |->=7suit -| |---Balanced---|

10.14 8.89 9.56 11.42 | 1 3 1 3 | 15 11 11 15 | 0 1 1 1 | 19 21 23 17



<p># 19 S/EW</p> <p>Opt. res. 400</p> <p>♠ K9853 ♥ 8 ♦ 953 ♣ AKQ3</p> <p>♠ QT64 ♥ AKJ3 ♦ A74 ♣ 85</p> <p>♠ J7 ♥ T96542 ♦ Q2 ♣ J72</p> <p>♠ A2 ♥ Q7 ♦ KJT86 ♣ T964</p> <p>N 6 8 5 11 S 6 8 5 11 H 11 11 D 11 11 C 400</p> <p>E 7 4 7 W 7 4 7 H 2 2 2 D 2 2 2 C 90</p> <p>12 14 4 10</p> <p>♠ AKJT8 ♥ JT ♦ QT94 ♣ 75</p>	<p># 20 W/All</p> <p>Opt. res. 140</p> <p>♠ 6432 ♥ Q6 ♦ A52 ♣ A863</p> <p>♠ Q7 ♥ AK754 ♦ 876 ♣ J42</p> <p>♠ 95 ♥ 9832 ♦ KJ3 ♣ KQT9</p> <p>♠ AKJT8 ♥ JT ♦ QT94 ♣ 75</p> <p>N 7 9 4 9 S 7 9 4 9 H 6 6 6 D 6 6 6 C 140</p> <p>E 6 4 8 W 6 4 8 H 4 4 4 D 4 4 4 C 110</p> <p>10 10 9 11</p>	<p># 21 N/NS</p> <p>Opt. res. -460</p> <p>♠ QJ96 ♥ T92 ♦ 872 ♣ 642</p> <p>♠ A42 ♥ A ♦ AJT64 ♣ KJT3</p> <p>♠ 875 ♥ 7653 ♦ KQ9 ♣ A85</p> <p>♠ KT3 ♥ KQJ84 ♦ 53 ♣ Q97</p> <p>N 2 4 6 2 S 2 4 6 2 H 2 2 D 2 2 C 2</p> <p>E 11 9 7 W 11 9 7 H 11 11 D 11 11 C 460</p> <p>3 17 9 11</p>
<p># 22 E/EW</p> <p>Opt. res. -630</p> <p>♠ J75432 ♥ 62 ♦ J2 ♣ T85</p> <p>♠ AQT86 ♥ K83 ♦ 93 ♣ KQ9</p> <p>♠ K ♥ T95 ♦ AKT875 ♣ A76</p> <p>♠ 9 ♥ AQJ74 ♦ Q64 ♣ J432</p> <p>N 2 3 4 2 S 2 3 4 2 H 4 4 D 4 4 C 4</p> <p>E 10 10 W 10 10 H 9 9 D 11 8 C 630</p> <p>2 14 14 10</p>	<p># 23 S/All</p> <p>Opt. res. 120</p> <p>♠ J8 ♥ QT76 ♦ KQ74 ♣ AJ4</p> <p>♠ T ♥ AKJ4 ♦ T98632 ♣ Q6</p> <p>♠ AKQ754 ♥ 95 ♦ - ♣ T9532</p> <p>♠ 9632 ♥ 832 ♦ AJ5 ♣ K87</p> <p>N 8 4 6 5 S 8 4 6 5 H 6 5 D 5 C 120</p> <p>E 5 8 6 6 W 5 8 6 6 H 8 8 D 8 C 110</p> <p>13 10 9 8</p>	<p># 24 W/None</p> <p>Opt. res. 100</p> <p>♠ 764 ♥ AQ7 ♦ AT864 ♣ KT</p> <p>♠ AQJT853 ♥ T8 ♦ 3 ♣ 875</p> <p>♠ K9 ♥ K954 ♦ 952 ♣ AJ62</p> <p>♠ 2 ♥ J632 ♦ KQJ7 ♣ Q943</p> <p>N 5 4 8 10 S 5 4 8 10 H 7 7 D 130 C 7</p> <p>E 7 9 4 W 7 9 4 H 3 3 D 5 5 C 140</p> <p>13 7 11 9</p>
<p># 25 N/EW</p> <p>Opt. res. -1430</p> <p>♠ 7 ♥ Q2 ♦ AQJ943 ♣ T932</p> <p>♠ AKQT9 ♥ K54 ♦ K75 ♣ A5</p> <p>♠ 865 ♥ AT963 ♦ T ♣ KQJ6</p> <p>♠ J432 ♥ J87 ♦ 862 ♣ 874</p> <p>N 2 1 1 6 S 2 1 1 6 H 2 2 D 2 C 2</p> <p>E 11 12 11 W 11 12 11 H 7 7 D 11 C 1430</p> <p>9 19 10 2</p>	<p># 26 E/All</p> <p>Opt. res. -2220</p> <p>♠ 8643 ♥ QJT72 ♦ J83 ♣ 6</p> <p>♠ A72 ♥ K6 ♦ KT9752 ♣ AK</p> <p>♠ KQT ♥ A8 ♦ AQ6 ♣ J5432</p> <p>♠ J95 ♥ 9543 ♦ 4 ♣ QT987</p> <p>N 0 1 6 0 S 0 1 6 0 H 3 3 D 3 C 3</p> <p>E 13 12 13 W 13 12 13 H 7 7 D 10 C 2220</p> <p>4 17 16 3</p>	<p># 27 S/None</p> <p>Opt. res. 420</p> <p>♠ AKJ6 ♥ K4 ♦ Q82 ♣ KT53</p> <p>♠ 975 ♥ QT73 ♦ KT73 ♣ J9</p> <p>♠ 432 ♥ J92 ♦ A65 ♣ Q842</p> <p>♠ QT8 ♥ A865 ♦ J94 ♣ A76</p> <p>N 9 10 8 10 S 9 10 8 10 H 8 8 D 10 C 420</p> <p>E 4 3 4 W 4 3 4 H 3 3 D 4 3 C 3</p> <p>16 6 7 11</p>
<p># 28 W/NS</p> <p>Opt. res. 650</p> <p>♠ J5 ♥ Q8762 ♦ A9542 ♣ 5</p> <p>♠ Q63 ♥ T43 ♦ J3 ♣ JT982</p> <p>♠ AT984 ♥ - ♦ QT76 ♣ A643</p> <p>♠ K72 ♥ AKJ95 ♦ K8 ♣ KQ7</p> <p>N 9 6 6 11 S 9 6 6 11 H 9 9 D 5 C 650</p> <p>E 4 7 2 W 4 7 2 H 4 4 D 8 C 90</p> <p>7 4 10 19</p>	<p># 29 N/All</p> <p>Opt. res. 90</p> <p>♠ T53 ♥ 4 ♦ A954 ♣ 87432</p> <p>♠ K7642 ♥ 3 ♦ KQJ3 ♣ QT5</p> <p>♠ J8 ♥ KT8765 ♦ T86 ♣ A6</p> <p>♠ AQ9 ♥ AQJ92 ♦ 72 ♣ KJ9</p> <p>N 6 6 7 8 S 6 6 7 8 H 6 8 D 90 C 6</p> <p>E 6 6 6 W 6 6 6 H 7 7 D 4 C 70</p> <p>4 11 8 17</p>	<p># 30 E/None</p> <p>Opt. res. -990</p> <p>♠ T876 ♥ 5 ♦ Q432 ♣ QJT3</p> <p>♠ Q9 ♥ AQJ83 ♦ K86 ♣ 765</p> <p>♠ AK54 ♥ K64 ♦ 5 ♣ AK982</p> <p>♠ J32 ♥ T972 ♦ AJT97 ♣ 4</p> <p>N 1 2 1 6 S 1 2 1 6 H 2 2 D 6 C 2</p> <p>E 12 9 12 W 12 9 12 H 7 7 D 10 C 990</p> <p>5 12 17 6</p>
<p># 31 S/NS</p> <p>Opt. res. 300</p> <p>♠ AT84 ♥ 7 ♦ 87652 ♣ 952</p> <p>♠ 7532 ♥ Q983 ♦ KJ9 ♣ QJ</p> <p>♠ - ♥ JT52 ♦ A43 ♣ KT7643</p> <p>♠ KQJ96 ♥ AK64 ♦ QT ♣ A8</p> <p>N 8 10 3 4 S 8 10 3 4 H 7 7 D 4 C 620</p> <p>E 5 3 9 5 W 5 3 9 5 H 8 8 D 8 C 140</p> <p>4 9 8 19</p>	<p># 32 W/EW</p> <p>Opt. res. 110</p> <p>♠ AJ6 ♥ KJ72 ♦ 64 ♣ J953</p> <p>♠ Q952 ♥ 98 ♦ KQ75 ♣ AQ7</p> <p>♠ 84 ♥ AQ5 ♦ JT83 ♣ 8642</p> <p>♠ KT73 ♥ T643 ♦ A92 ♣ KT</p> <p>N 6 6 8 4 S 6 6 8 4 H 5 5 D 5 C 110</p> <p>E 7 6 5 8 W 7 6 5 8 H 8 8 D 8 C 90</p> <p>10 13 7 10</p>	<p># 33 N/None</p> <p>Opt. res. 100</p> <p>♠ AJT5 ♥ J987 ♦ K ♣ A983</p> <p>♠ 763 ♥ 2 ♦ AT9653 ♣ T76</p> <p>♠ Q4 ♥ AKQ54 ♦ Q874 ♣ J2</p> <p>♠ K982 ♥ T63 ♦ J2 ♣ KQ54</p> <p>N 4 9 5 2 S 4 9 5 2 H 8 8 D 140 C 8</p> <p>E 5 4 8 W 5 4 8 H 9 9 D 4 C 110</p> <p>13 4 14 9</p>
<p># 34 E/NS</p> <p>Opt. res. -140</p> <p>♠ AQ972 ♥ T8 ♦ T82 ♣ A94</p> <p>♠ JT843 ♥ AKJ2 ♦ Q73 ♣ T</p> <p>♠ 5 ♥ Q9764 ♦ J65 ♣ KQJ6</p> <p>♠ K6 ♥ 53 ♦ AK94 ♣ 87532</p> <p>N 7 4 7 7 S 7 4 7 7 H 7 7 D 7 C 80</p> <p>E 6 6 9 6 W 6 6 9 6 H 6 6 D 6 C 140</p> <p>10 11 9 10</p>	<p># 35 S/EW</p> <p>Opt. res. -100</p> <p>♠ 652 ♥ T3 ♦ Q8762 ♣ AK7</p> <p>♠ AKQ3 ♥ K8652 ♦ J3 ♣ 43</p> <p>♠ 74 ♥ J74 ♦ AT95 ♣ JT86</p> <p>♠ JT98 ♥ AQ9 ♦ K4 ♣ Q952</p> <p>N 6 7 5 6 S 6 7 5 6 H 6 7 D 7 C 90</p> <p>E 6 6 6 6 W 6 6 6 6 H 6 6 D 6 C 110</p> <p>9 13 6 12</p>	<p># 36 W/All</p> <p>Opt. res. -140</p> <p>♠ 863 ♥ AK54 ♦ J53 ♣ T92</p> <p>♠ J9742 ♥ JT8 ♦ 9 ♣ A654</p> <p>♠ AKQ ♥ Q96 ♦ A762 ♣ Q83</p> <p>♠ T5 ♥ 732 ♦ KQT84 ♣ KJ7</p> <p>N 6 4 5 8 S 6 4 5 8 H 5 5 D 90 C 5</p> <p>E 7 9 6 6 W 7 9 6 6 H 8 8 D 8 C 140</p> <p>8 6 17 9</p>

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