



<b># 1</b> <b>N/None</b> Opt. res. -100 ♠ A43 ♥ 972 ♦ T85 ♣ AK62 ♠ J ♥ K654 ♦ AKJ73 ♣ Q87 11 14 5 10 ♠ Q98 ♥ AJ3 ♦ Q64 ♣ JT53 N 6 S 7 H 5 D 5 C 7 90	<b># 2</b> <b>E/NS</b> Opt. res. -400 ♠ Q987642 ♥ J63 ♦ 96 ♣ T ♠ T3 ♥ Q92 ♦ 4 ♣ AQ87652 3 8 14 15 ♠ J ♥ K85 ♦ AKT875 ♣ KJ3 N 8 S 9 H 7 D 4 C 3 80	<b># 3</b> <b>S/EW</b> Opt. res. -1400 ♠ KT82 ♥ K87 ♦ J876 ♣ 74 ♠ QJ743 ♥ 632 ♦ - ♣ QJ862 7 6 18 9 ♠ 6 ♥ T94 ♦ AKQT932 ♣ T5 ♠ A95 ♥ AQJ5 ♦ 54 ♣ AK93 N 2 S 1 H 1 D 1 C 7 70
<b># 4</b> <b>W/AI</b> Opt. res. 1100 ♠ JT ♥ AQT764 ♦ 9 ♣ KQT2 ♠ 9 ♥ J98 ♦ KQJT2 ♣ AJ86 12 12 2 14 ♠ AK3 ♥ K532 ♦ A73 ♣ 974 N 10 S 10 H 12 D 12 C 9 1430	<b># 5</b> <b>N/NS</b> Opt. res. 140 ♠ AQT63 ♥ A62 ♦ T5 ♣ Q75 ♠ KJ ♥ J84 ♦ A83 ♣ AT842 12 13 8 7 ♠ 95 ♥ Q93 ♦ KQ92 ♣ J963 N 8 S 9 H 9 D 6 C 5 140	<b># 6</b> <b>E/EW</b> Opt. res. -600 ♠ T743 ♥ 9874 ♦ 2 ♣ A643 ♠ AQ85 ♥ KJ6 ♦ A976 ♣ J2 4 15 8 13 ♠ K2 ♥ AQT32 ♦ KJ4 ♣ T95 ♠ J96 ♥ 5 ♦ QT853 ♣ KQ87 N 3 S 4 H 6 D 3 C 4 4
<b># 7</b> <b>S/AI</b> Opt. res. -650 ♠ Q7 ♥ KJ64 ♦ T96 ♣ AK95 ♠ JT86 ♥ 3 ♦ A853 ♣ T874 13 5 16 6 ♠ 432 ♥ QT987 ♦ J2 ♣ QJ2 N 2 S 4 H 2 D 8 C 6 110	<b># 8</b> <b>W/None</b> Opt. res. 300 ♠ AK95 ♥ AJT5 ♦ K85 ♣ KT ♠ JT3 ♥ Q843 ♦ 74 ♣ A832 18 7 9 6 ♠ 8 ♥ 72 ♦ AQT32 ♣ QJ754 N 9 S 10 H 9 D 5 C 4 430	<b># 9</b> <b>N/EW</b> Opt. res. -100 ♠ AQT732 ♥ QT98 ♦ T5 ♣ 8 ♠ 5 ♥ 4 ♦ KQJ9 ♣ AK97652 8 13 5 14 ♠ K96 ♥ KJ ♦ A873 ♣ QJ43 ♠ J84 ♥ A76532 ♦ 642 ♣ T N 7 S 9 H 6 D 6 C 3 140
<b># 10</b> <b>E/AI</b> Opt. res. -1430 ♠ Q943 ♥ T4 ♦ AT532 ♣ J5 ♠ KJ76 ♥ A985 ♦ J ♣ A732 7 13 17 3 ♠ T85 ♥ J7 ♦ 9876 ♣ QT64 N 2 S 2 H 3 D 1 C 5 1430	<b># 11</b> <b>S/None</b> Opt. res. 450 ♠ K973 ♥ J ♦ Q ♣ AKQJT53 ♠ Q85 ♥ KQT953 ♦ K54 ♣ 9 16 10 6 8 ♠ J62 ♥ 42 ♦ AJ876 ♣ 842 N 10 S 10 H 11 D 11 C 11 450	<b># 12</b> <b>W/NS</b> Opt. res. -430 ♠ K74 ♥ AT94 ♦ 63 ♣ A876 ♠ 5 ♥ K87 ♦ K8752 ♣ KJT2 11 10 13 6 ♠ T8632 ♥ J65 ♦ QJ4 ♣ Q5 ♠ AQJ9 ♥ Q32 ♦ AT9 ♣ 943 N 3 S 3 H 6 D 5 C 3 430
<b># 13</b> <b>N/AI</b> Opt. res. -130 ♠ T43 ♥ AJ84 ♦ T ♣ KJT85 ♠ 96 ♥ Q9765 ♦ 87 ♣ A942 9 6 15 10 ♠ A2 ♥ KT2 ♦ AKJ9543 ♣ 7 N 5 S 9 H 4 D 3 C 9 140	<b># 14</b> <b>E/None</b> Opt. res. 980 ♠ 7 ♥ AT32 ♦ AQT54 ♣ AJ9 ♠ K3 ♥ KQJ64 ♦ K96 ♣ KQ4 15 17 1 7 ♠ JT ♥ 95 ♦ 873 ♣ T87632 N 9 S 12 H 9 D 9 C 7 980	<b># 15</b> <b>S/NS</b> Opt. res. 100 ♠ T42 ♥ 95432 ♦ J85 ♣ JT ♠ KQ3 ♥ T6 ♦ AKT964 ♣ 97 2 12 11 15 ♠ A98765 ♥ Q ♦ - ♣ AKQ652 ♠ J ♥ AKJ87 ♦ Q732 ♣ 843 N 10 S 3 H 4 D 1 C 10 620
<b># 16</b> <b>W/EW</b> Opt. res. 920 ♠ KQ7 ♥ KQJ32 ♦ AJ975 ♣ - ♠ 92 ♥ 987 ♦ K2 ♣ AKT976 16 10 8 6 ♠ A86543 ♥ AT654 ♦ 3 ♣ 8 N 7 S 6 H 6 D 12 C 7 920	<b># 17</b> <b>N/None</b> Opt. res. -460 ♠ A87652 ♥ T9 ♦ 76 ♣ 742 ♠ Q94 ♥ KQ83 ♦ KQ952 ♣ Q 4 14 16 6 ♠ K3 ♥ J642 ♦ A43 ♣ AKJ8 N 2 S 5 H 2 D 1 C 3 460	<b># 18</b> <b>E/NS</b> Opt. res. -420 ♠ J2 ♥ 862 ♦ J96 ♣ AQ532 ♠ AQT63 ♥ 95 ♦ A42 ♣ 974 8 10 9 13 ♠ K984 ♥ K3 ♦ K87 ♣ KJT8 ♠ 75 ♥ AQJT74 ♦ QT53 ♣ 6 N 6 S 5 H 3 D 4 C 8 90



<div># 19</div> <div>S/EW</div> <div>Opt. res. -130</div> <div>♠ Q83 ♥ QT652 ♦ 943 ♣ KQ</div> <div>♠ 6 ♥ J98 ♦ KJ7652 ♣ AT6</div> <div>9 9 10 12</div> <div>♠ J7542 ♥ AK7 ♦ QT8 ♣ 73</div> <div>♠ AKT9 ♥ 43 ♦ A ♣ J98542</div> <div>N 5 7 7 3 8 S 5 7 7 3 8 H 7 3 8 D 7 3 8 C 8 90</div>	<div># 20</div> <div>W/All</div> <div>Opt. res. -130</div> <div>♠ KQJ952 ♥ AJ9 ♦ 5 ♣ Q83</div> <div>♠ A6 ♥ T865 ♦ QT2 ♣ AT92</div> <div>13 10 10 7</div> <div>♠ T83 ♥ Q72 ♦ AKJ9743 ♣ -</div> <div>♠ 74 ♥ K43 ♦ 86 ♣ KJ7654</div> <div>N 4 8 5 3 9 S 4 8 5 3 9 H 5 3 9 D 5 3 9 C 110</div>	<div># 21</div> <div>N/NS</div> <div>Opt. res. -450</div> <div>♠ QJ54 ♥ J9 ♦ AT ♣ J8643</div> <div>♠ T8 ♥ K863 ♦ J98763 ♣ T</div> <div>9 4 17 10</div> <div>♠ A2 ♥ AQ7542 ♦ K5 ♣ A52</div> <div>♠ K9763 ♥ T ♦ Q42 ♣ KQ97</div> <div>N 4 7 1 3 9 S 4 7 1 3 9 H 7 1 3 9 D 7 1 3 9 C 110</div>							
<div># 22</div> <div>E/EW</div> <div>Opt. res. -600</div> <div>♠ 9542 ♥ 9543 ♦ K5 ♣ Q96</div> <div>♠ AQJ6 ♥ KQ6 ♦ A43 ♣ JT7</div> <div>5 17 10 8</div> <div>♠ T ♥ AJ72 ♦ J72 ♣ A8432</div> <div>♠ K873 ♥ T8 ♦ QT986 ♣ K5</div> <div>N 2 4 2 2 2 S 2 4 2 2 2 H 2 2 2 2 D 2 2 2 2 C 2</div>	<div># 23</div> <div>S/All</div> <div>Opt. res. 630</div> <div>♠ AK63 ♥ AT3 ♦ JT7 ♣ Q63</div> <div>♠ 7 ♥ KQ842 ♦ 53 ♣ T9754</div> <div>14 5 6 15</div> <div>♠ T84 ♥ J65 ♦ KQ964 ♣ 82</div> <div>♠ QJ952 ♥ 97 ♦ A82 ♣ AKJ</div> <div>N 10 10 10 6 7 S 10 10 10 6 7 H 10 6 7 7 D 10 6 7 7 C 630</div>	<div># 24</div> <div>W/None</div> <div>Opt. res. -500</div> <div>♠ T ♥ 532 ♦ AK98642 ♣ Q8</div> <div>♠ KQ864 ♥ - ♦ QJ ♣ AKT642</div> <div>9 15 5 11</div> <div>♠ A9752 ♥ J984 ♦ 3 ♣ 953</div> <div>♠ J3 ♥ AKQT76 ♦ T75 ♣ J7</div> <div>N 2 0 10 8 1 S 2 0 10 8 1 H 10 10 9 1 D 10 10 9 1 C 420</div>							
<div># 25</div> <div>N/EW</div> <div>Opt. res. -130</div> <div>♠ KJ953 ♥ T6 ♦ A54 ♣ K42</div> <div>♠ A ♥ K743 ♦ KJ962 ♣ AQ5</div> <div>11 17 6 6</div> <div>♠ Q84 ♥ QJ ♦ 873 ♣ JT876</div> <div>♠ T762 ♥ A9852 ♦ QT ♣ 93</div> <div>N 4 8 6 3 3 S 4 8 6 3 3 H 6 3 3 3 D 6 3 3 3 C 110</div>	<div># 26</div> <div>E/All</div> <div>Opt. res. -600</div> <div>♠ 7 ♥ Q9 ♦ T9632 ♣ KQJT6</div> <div>♠ J ♥ KT2 ♦ AJ5 ♣ A87432</div> <div>8 13 13 6</div> <div>♠ AT962 ♥ A643 ♦ KQ7 ♣ 5</div> <div>♠ KQ8543 ♥ J875 ♦ 84 ♣ 9</div> <div>N 4 5 4 4 5 S 4 5 4 4 5 H 4 4 5 5 D 4 4 5 5 C 600</div>	<div># 27</div> <div>S/None</div> <div>Opt. res. 300</div> <div>♠ T832 ♥ AQJ94 ♦ AQ75 ♣ -</div> <div>♠ Q94 ♥ 8 ♦ J842 ♣ QT953</div> <div>13 5 14 8</div> <div>♠ AKJ7 ♥ K3 ♦ T9 ♣ K7642</div> <div>♠ 65 ♥ T7652 ♦ K63 ♣ AJ8</div> <div>N 5 5 10 8 4 S 5 5 10 8 4 H 10 10 8 4 D 10 10 8 4 C 420</div>							
<div># 28</div> <div>W/NS</div> <div>Opt. res. 1400</div> <div>♠ J4 ♥ 63 ♦ J8654 ♣ Q874</div> <div>♠ Q9865 ♥ T7 ♦ KQ92 ♣ 93</div> <div>4 7 4 25</div> <div>♠ KT732 ♥ 842 ♦ 73 ♣ J52</div> <div>♠ A ♥ AKQJ95 ♦ AT ♣ AKT6</div> <div>N 12 6 12 10 13 S 12 6 12 10 13 H 6 12 10 13 D 6 12 10 13 C 2140</div>	<div># 29</div> <div>N/All</div> <div>Opt. res. 140</div> <div>♠ JT76 ♥ 96 ♦ JT9762 ♣ 5</div> <div>♠ 8542 ♥ T3 ♦ AK54 ♣ 743</div> <div>2 7 12 19</div> <div>♠ A9 ♥ QJ8754 ♦ Q3 ♣ QJ9</div> <div>♠ KQ3 ♥ AK2 ♦ 8 ♣ AKT862</div> <div>N 7 9 6 9 9 S 7 9 6 9 9 H 9 6 9 9 D 9 6 9 9 C 140</div>	<div># 30</div> <div>E/None</div> <div>Opt. res. -100</div> <div>♠ Q74 ♥ Q532 ♦ 9863 ♣ J7</div> <div>♠ 863 ♥ 87 ♦ KJT542 ♣ Q9</div> <div>5 6 18 11</div> <div>♠ JT2 ♥ AK ♦ AQ ♣ A86542</div> <div>♠ AK95 ♥ JT964 ♦ 7 ♣ KT3</div> <div>N 4 4 7 9 5 S 4 4 7 9 5 H 7 9 4 4 5 D 7 9 4 4 5 C 140</div>							
<div># 31</div> <div>S/NS</div> <div>Opt. res. 620</div> <div>♠ K43 ♥ K5 ♦ AJ85 ♣ KT83</div> <div>♠ AT8 ♥ JT43 ♦ 972 ♣ J54</div> <div>14 6 8 12</div> <div>♠ 752 ♥ Q962 ♦ T4 ♣ AQ92</div> <div>♠ QJ96 ♥ A87 ♦ KQ63 ♣ 76</div> <div>N 9 10 6 10 8 S 9 10 6 10 8 H 6 10 10 7 D 6 10 10 7 C 620</div>	<div># 32</div> <div>W/EW</div> <div>Opt. res. 140</div> <div>♠ KQ3 ♥ 743 ♦ AKT74 ♣ A4</div> <div>♠ T76 ♥ AJT98 ♦ QJ ♣ K82</div> <div>16 11 7 6</div> <div>♠ A42 ♥ Q65 ♦ 832 ♣ JT53</div> <div>♠ J985 ♥ K2 ♦ 965 ♣ Q976</div> <div>N 6 9 6 6 7 S 6 9 6 6 7 H 6 6 9 7 D 6 6 9 7 C 140</div>	<div># 33</div> <div>N/None</div> <div>Opt. res. -140</div> <div>♠ AQ9 ♥ K93 ♦ J53 ♣ AT85</div> <div>♠ 752 ♥ J8 ♦ AT92 ♣ QJ93</div> <div>14 8 15 3</div> <div>♠ KT863 ♥ AT52 ♦ KQ ♣ K7</div> <div>♠ J4 ♥ Q764 ♦ 8764 ♣ 642</div> <div>N 5 4 6 5 5 S 5 4 6 5 5 H 6 6 5 5 D 6 6 5 5 C 140</div>							
<div># 34</div> <div>E/NS</div> <div>Opt. res. -120</div> <div>♠ J53 ♥ J9 ♦ J84 ♣ AKJ32</div> <div>♠ T98 ♥ A863 ♦ Q92 ♣ 987</div> <div>11 6 15 8</div> <div>♠ AK7 ♥ QT4 ♦ A63 ♣ QT54</div> <div>♠ Q642 ♥ K752 ♦ KT75 ♣ 6</div> <div>N 5 6 6 6 6 S 5 6 6 6 6 H 6 6 6 6 D 6 6 6 6 C 6</div>	<div># 35</div> <div>S/EW</div> <div>Opt. res. -110</div> <div>♠ Q83 ♥ J92 ♦ 52 ♣ KT962</div> <div>♠ K54 ♥ KQ6 ♦ T63 ♣ A853</div> <div>6 12 8 14</div> <div>♠ AJ6 ♥ T543 ♦ K9874 ♣ 4</div> <div>♠ T972 ♥ A87 ♦ AQJ ♣ QJ7</div> <div>N 6 6 4 4 7 S 6 6 4 4 7 H 4 4 4 7 D 4 4 4 7 C 90</div>	<div># 36</div> <div>W/All</div> <div>Opt. res. -650</div> <div>♠ 973 ♥ 743 ♦ J7 ♣ AJ864</div> <div>♠ KJ852 ♥ T8 ♦ K942 ♣ K9</div> <div>6 10 18 6</div> <div>♠ AQT6 ♥ AKQJ52 ♦ Q3 ♣ 2</div> <div>♠ 4 ♥ 96 ♦ AT865 ♣ QT753</div> <div>N 2 1 1 1 6 S 2 1 1 1 6 H 1 1 6 8 D 1 1 6 8 C 90</div>							
N HPC E HPC S HPC W HPC		---Voids---		--Singletons--		- >=7suit -		---Balanced---	
9.58 10.47 9.86 10.08		2 2 2 2		12 13 14 16		3 3 2 2		22 17 19 16	