



<p># 1 N/None</p> <p>Opt. res. -100</p> <p>♠ AJ2 ♥ T9843 ♦ Q4 ♣ KQ2</p> <p>♠ QT96 ♥ A7 ♦ KJT86 ♣ 85</p> <p>12 10 9 9</p> <p>♠ 843 ♥ 62 ♦ A532 ♣ AJ96</p> <p>♠ K75 ♥ KQJ5 ♦ 97 ♣ T743</p> <p>N 5 5 5 5 S 8 8 8 8 H 4 4 4 4 D 6 6 6 6 C 110</p>	<p># 2 E/NS</p> <p>Opt. res. 1430</p> <p>♠ A9 ♥ AQJ62 ♦ A84 ♣ T42</p> <p>♠ 84 ♥ 9754 ♦ 6 ♣ KQJ875</p> <p>15 6 8 11</p> <p>♠ JT6 ♥ 83 ♦ QJ752 ♣ A93</p> <p>♠ KQ7532 ♥ KT ♦ KT93 ♣ 6</p> <p>N 7 12 12 12 S 7 12 12 12 H 10 10 10 10 D 6 6 6 6 C 1430</p>	<p># 3 S/EW</p> <p>Opt. res. 420</p> <p>♠ KQ3 ♥ QJT943 ♦ J8 ♣ 63</p> <p>♠ AJ987 ♥ 82 ♦ T94 ♣ K85</p> <p>9 8 6 17</p> <p>♠ T654 ♥ A75 ♦ Q632 ♣ 72</p> <p>♠ 2 ♥ K6 ♦ AK75 ♣ AQJT94</p> <p>N 9 6 6 6 S 9 6 6 6 H 10 10 10 10 D 9 9 9 9 C 420</p>
<p># 4 W/All</p> <p>Opt. res. -630</p> <p>♠ - ♥ A865432 ♦ Q952 ♣ Q4</p> <p>♠ AKQ5 ♥ K9 ♦ A84 ♣ AT62</p> <p>8 20 6 6</p> <p>♠ 73 ♥ QT7 ♦ KT73 ♣ J953</p> <p>♠ JT98642 ♥ J ♦ J6 ♣ K87</p> <p>N 3 6 6 6 S 3 6 6 6 H 3 3 3 3 D 3 3 3 3 C 630</p>	<p># 5 N/NS</p> <p>Opt. res. 130</p> <p>♠ T5 ♥ KQ642 ♦ Q87 ♣ K82</p> <p>♠ A842 ♥ J873 ♦ KT942 ♣ -</p> <p>10 8 6 16</p> <p>♠ KJ96 ♥ T95 ♦ J6 ♣ JT75</p> <p>♠ Q73 ♥ A ♦ A53 ♣ AQ9643</p> <p>N 8 5 7 6 S 8 5 7 6 H 10 10 10 10 D 6 6 6 6 C 130</p>	<p># 6 E/EW</p> <p>Opt. res. 120</p> <p>♠ KJ3 ♥ Q94 ♦ K87 ♣ 8754</p> <p>♠ 764 ♥ AJ87 ♦ Q2 ♣ T932</p> <p>9 7 9 15</p> <p>♠ A982 ♥ K32 ♦ JT43 ♣ J6</p> <p>♠ QT5 ♥ T65 ♦ A965 ♣ AKQ</p> <p>N 8 7 8 8 S 8 7 8 8 H 8 8 8 8 D 8 8 8 8 C 120</p>
<p># 7 S/All</p> <p>Opt. res. 140</p> <p>♠ Q9754 ♥ 4 ♦ J5 ♣ AK643</p> <p>♠ A83 ♥ AT82 ♦ AT64 ♣ 82</p> <p>10 12 7 11</p> <p>♠ T62 ♥ Q63 ♦ KQ982 ♣ T5</p> <p>♠ KJ ♥ KJ975 ♦ 73 ♣ QJ97</p> <p>N 6 9 6 6 S 6 9 6 6 H 4 4 4 4 D 9 9 9 9 C 140</p>	<p># 8 W/None</p> <p>Opt. res. -400</p> <p>♠ AQT94 ♥ T542 ♦ 4 ♣ J86</p> <p>♠ J8 ♥ KJ ♦ QJ63 ♣ AT972</p> <p>7 12 18 3</p> <p>♠ 7653 ♥ AQ ♦ AKT2 ♣ KQ4</p> <p>♠ K2 ♥ 98763 ♦ 9875 ♣ 53</p> <p>N 2 6 7 2 S 2 6 7 2 H 7 7 7 7 D 2 2 2 2 C 80</p>	<p># 9 N/EW</p> <p>Opt. res. -600</p> <p>♠ 72 ♥ A87 ♦ QJ97 ♣ AT96</p> <p>♠ AJ5 ♥ 432 ♦ 863 ♣ Q543</p> <p>11 7 19 3</p> <p>♠ Q943 ♥ KQJ ♦ AKT2 ♣ KJ</p> <p>♠ KT86 ♥ T965 ♦ 54 ♣ 872</p> <p>N 4 4 5 5 S 4 4 5 5 H 4 4 4 4 D 4 4 4 4 C 600</p>
<p># 10 E/All</p> <p>Opt. res. -120</p> <p>♠ Q64 ♥ QJ873 ♦ AT6 ♣ 32</p> <p>♠ J ♥ A964 ♦ QJ3 ♣ AKJT4</p> <p>9 16 6 9</p> <p>♠ 98732 ♥ K5 ♦ K75 ♣ 875</p> <p>♠ AKT5 ♥ T2 ♦ 9842 ♣ Q96</p> <p>N 5 5 5 5 S 5 5 5 5 H 6 6 6 6 D 4 4 4 4 C 120</p>	<p># 11 S/None</p> <p>Opt. res. 990</p> <p>♠ J3 ♥ Q7642 ♦ 62 ♣ KQ52</p> <p>♠ T92 ♥ 93 ♦ J743 ♣ JT76</p> <p>8 2 9 21</p> <p>♠ 84 ♥ T8 ♦ KQT98 ♣ A983</p> <p>♠ AKQ765 ♥ AKJ5 ♦ A5 ♣ 4</p> <p>N 12 12 12 12 S 12 12 12 12 H 6 6 6 6 D 7 7 7 7 C 990</p>	<p># 12 W/NS</p> <p>Opt. res. 620</p> <p>♠ AQT5 ♥ J8 ♦ J3 ♣ K8753</p> <p>♠ K762 ♥ Q2 ♦ T82 ♣ Q642</p> <p>11 7 11 11</p> <p>♠ J9 ♥ 9543 ♦ AKQ654 ♣ J</p> <p>♠ 843 ♥ AKT76 ♦ 97 ♣ AT9</p> <p>N 7 10 10 10 S 7 10 10 10 H 10 10 10 10 D 6 6 6 6 C 620</p>
<p># 13 N/All</p> <p>Opt. res. 130</p> <p>♠ K82 ♥ 5 ♦ AKJ85 ♣ 8532</p> <p>♠ AJ5 ♥ AQT8 ♦ T4 ♣ JT74</p> <p>11 12 6 11</p> <p>♠ 943 ♥ KJ976 ♦ Q63 ♣ 96</p> <p>♠ QT76 ♥ 432 ♦ 972 ♣ AKQ</p> <p>N 7 8 6 6 S 7 8 6 6 H 10 10 10 10 D 9 9 9 9 C 130</p>	<p># 14 E/None</p> <p>Opt. res. 460</p> <p>♠ Q75 ♥ KJ5 ♦ Q64 ♣ KJ72</p> <p>♠ J943 ♥ Q72 ♦ J953 ♣ 98</p> <p>12 4 7 17</p> <p>♠ A6 ♥ T84 ♦ K87 ♣ T6543</p> <p>♠ KT82 ♥ A963 ♦ AT2 ♣ AQ</p> <p>N 11 11 11 11 S 11 11 11 11 H 9 9 9 9 D 10 10 10 10 C 460</p>	<p># 15 S/NS</p> <p>Opt. res. -130</p> <p>♠ Q4 ♥ AJ762 ♦ T84 ♣ J95</p> <p>♠ KT632 ♥ 3 ♦ J972 ♣ T62</p> <p>8 4 15 13</p> <p>♠ 85 ♥ T98 ♦ AQ65 ♣ AKQ3</p> <p>♠ AJ97 ♥ KQ54 ♦ K3 ♣ 874</p> <p>N 5 5 8 8 S 5 5 8 8 H 3 3 3 3 D 4 4 4 4 C 110</p>
<p># 16 W/EW</p> <p>Opt. res. -100</p> <p>♠ - ♥ 4 ♦ KQJ6432 ♣ AT765</p> <p>♠ 6432 ♥ KQ9853 ♦ - ♣ K98</p> <p>10 8 15 7</p> <p>♠ AKQJ875 ♥ T62 ♦ A ♣ J3</p> <p>♠ T9 ♥ AJ7 ♦ T9875 ♣ Q42</p> <p>N 2 2 2 2 S 2 2 2 2 H 11 11 11 11 D 11 11 11 11 C 400</p>	<p># 17 N/None</p> <p>Opt. res. -920</p> <p>♠ T97532 ♥ KJ ♦ 2 ♣ KQ98</p> <p>♠ KQ ♥ A6 ♦ AT876 ♣ T532</p> <p>9 13 10 8</p> <p>♠ AJ4 ♥ QT93 ♦ QJ943 ♣ 6</p> <p>♠ 86 ♥ 87542 ♦ K5 ♣ AJ74</p> <p>N 4 7 5 5 S 4 7 5 5 H 1 1 1 1 D 5 5 5 5 C 80</p>	<p># 18 E/NS</p> <p>Opt. res. -140</p> <p>♠ QT852 ♥ Q32 ♦ 764 ♣ A9</p> <p>♠ 6 ♥ 9764 ♦ A98 ♣ QT652</p> <p>8 6 16 10</p> <p>♠ A73 ♥ AT5 ♦ KJT ♣ KJ87</p> <p>♠ KJ94 ♥ KJ8 ♦ Q532 ♣ 43</p> <p>N 4 7 3 3 S 4 7 3 3 H 6 6 6 6 D 3 3 3 3 C 80</p>

N HPC	E HPC	S HPC	W HPC	---Voids---				--Singletons--				- >=7suit -				---Balanced----			
10.39	8.82	11.67	9.12	2	0	0	2	12	6	9	9	2	4	2	0	19	23	24	22

<div># 19</div> <div>S/EW</div> <div>Opt. res. 110</div> <div>♠ 98743 ♥ 2 ♦ J63 ♣ AK75</div> <div>♠ AQ52 ♥ JT6 ♦ AT8 ♣ QJ3</div> <div>♠ KJ6 ♥ K98753 ♦ K7 ♣ 62</div> <div>♠ T ♥ AQ4 ♦ Q9542 ♣ T984</div> <div>N 6 6 5 9 9 S 6 6 5 9 9 E 6 7 8 4 4 W 7 7 8 4 4</div> <div>110</div>	<div># 20</div> <div>W/AII</div> <div>Opt. res. 660</div> <div>♠ AQJ3 ♥ Q2 ♦ AT ♣ J8742</div> <div>♠ 97642 ♥ 543 ♦ J53 ♣ T6</div> <div>♠ 85 ♥ K96 ♦ K7642 ♣ AQ9</div> <div>♠ KT ♥ AJT87 ♦ Q98 ♣ K53</div> <div>N 11 10 11 9 11 S 11 10 11 9 11 E 2 3 2 4 2 W 1 3 1 4 2</div> <div>660</div>	<div># 21</div> <div>N/NS</div> <div>Opt. res. 110</div> <div>♠ T93 ♥ A6543 ♦ J ♣ AKQ5</div> <div>♠ A7652 ♥ QJ72 ♦ KT ♣ T7</div> <div>♠ K8 ♥ 98 ♦ A87642 ♣ 843</div> <div>♠ QJ4 ♥ KT ♦ Q953 ♣ J962</div> <div>N 7 5 7 6 9 S 7 5 7 6 9 E 5 6 7 4 7 W 5 6 7 4 7</div> <div>110</div>
<div># 22</div> <div>E/EW</div> <div>Opt. res. 200</div> <div>♠ JT543 ♥ KJT8 ♦ Q ♣ T43</div> <div>♠ K ♥ A92 ♦ K62 ♣ AK9762</div> <div>♠ 96 ♥ 53 ♦ T987543 ♣ 85</div> <div>♠ AQ872 ♥ Q764 ♦ AJ ♣ QJ</div> <div>N 6 10 10 10 3 S 8 10 10 10 4 E 2 4 4 4 4 W 3 3 3 3 7</div> <div>420</div>	<div># 23</div> <div>S/AII</div> <div>Opt. res. 1370</div> <div>♠ Q85 ♥ K98543 ♦ KJ2 ♣ 4</div> <div>♠ KJT74 ♥ T72 ♦ A84 ♣ 83</div> <div>♠ 32 ♥ QJ ♦ T5 ♣ QT97652</div> <div>♠ A96 ♥ A6 ♦ Q9763 ♣ AKJ</div> <div>N 11 9 11 11 12 S 11 9 11 11 7 E 2 4 2 1 6 W 2 4 2 1 6</div> <div>1370</div>	<div># 24</div> <div>W/None</div> <div>Opt. res. 980</div> <div>♠ QJ8 ♥ Q ♦ A9853 ♣ AQT7</div> <div>♠ 72 ♥ T92 ♦ Q74 ♣ J8542</div> <div>♠ AK96543 ♥ J54 ♦ J ♣ 63</div> <div>♠ T ♥ AK8763 ♦ KT62 ♣ K9</div> <div>N 11 7 12 12 10 S 11 7 12 12 10 E 5 5 0 0 3 W 5 5 0 0 3</div> <div>980</div>
<div># 25</div> <div>N/EW</div> <div>Opt. res. 90</div> <div>♠ Q8 ♥ QJT54 ♦ 64 ♣ Q942</div> <div>♠ KT7 ♥ A63 ♦ 9732 ♣ A53</div> <div>♠ A642 ♥ K97 ♦ JT85 ♣ 76</div> <div>♠ J953 ♥ 82 ♦ AKQ ♣ KJT8</div> <div>N 7 7 7 6 8 S 7 7 7 6 8 E 5 6 5 7 4 W 5 6 5 7 4</div> <div>90</div>	<div># 26</div> <div>E/AII</div> <div>Opt. res. 600</div> <div>♠ AKT5 ♥ K63 ♦ A63 ♣ KT3</div> <div>♠ 2 ♥ J854 ♦ K975 ♣ AQ97</div> <div>♠ 97643 ♥ QT9 ♦ Q8 ♣ J62</div> <div>♠ QJ8 ♥ A72 ♦ JT42 ♣ 854</div> <div>N 9 8 7 8 7 S 9 8 7 8 7 E 4 5 6 4 6 W 4 5 6 4 6</div> <div>600</div>	<div># 27</div> <div>S/None</div> <div>Opt. res. 400</div> <div>♠ T8 ♥ QT52 ♦ A8 ♣ KQ982</div> <div>♠ 653 ♥ J98 ♦ 7632 ♣ AT4</div> <div>♠ KJ742 ♥ AK74 ♦ T9 ♣ 75</div> <div>♠ AQ9 ♥ 63 ♦ KQJ54 ♣ J63</div> <div>N 9 7 8 8 10 S 9 7 8 8 10 E 3 6 5 3 3 W 3 6 5 3 3</div> <div>400</div>
<div># 28</div> <div>W/NS</div> <div>Opt. res. 620</div> <div>♠ KQ96 ♥ 763 ♦ QJ3 ♣ T72</div> <div>♠ 854 ♥ AQ ♦ T96 ♣ KQ984</div> <div>♠ 32 ♥ T952 ♦ 7542 ♣ 653</div> <div>♠ AJT7 ♥ KJ84 ♦ AK8 ♣ AJ</div> <div>N 8 10 9 8 7 S 8 10 9 8 7 E 3 3 3 4 5 W 3 3 3 4 5</div> <div>620</div>	<div># 29</div> <div>N/AII</div> <div>Opt. res. 650</div> <div>♠ K42 ♥ AJ862 ♦ AKQ4 ♣ 9</div> <div>♠ A9 ♥ 4 ♦ T852 ♣ KQ8652</div> <div>♠ Q865 ♥ 75 ♦ 763 ♣ AT74</div> <div>♠ JT73 ♥ KQT93 ♦ J9 ♣ J3</div> <div>N 6 9 11 9 5 S 6 9 11 9 5 E 4 4 2 3 8 W 4 4 2 3 8</div> <div>650</div>	<div># 30</div> <div>E/None</div> <div>Opt. res. -420</div> <div>♠ 4 ♥ K842 ♦ KT86 ♣ K942</div> <div>♠ J96 ♥ A7 ♦ AJ732 ♣ AT7</div> <div>♠ AQT872 ♥ QJ6 ♦ 4 ♣ J53</div> <div>♠ K53 ♥ T953 ♦ Q95 ♣ Q86</div> <div>N 5 3 7 6 6 S 5 3 7 6 6 E 8 10 6 7 7 W 8 10 6 7 7</div> <div>80</div>
<div># 31</div> <div>S/NS</div> <div>Opt. res. 630</div> <div>♠ T3 ♥ AQ753 ♦ QJ ♣ KJ54</div> <div>♠ 652 ♥ J ♦ K7653 ♣ 7632</div> <div>♠ 974 ♥ KT8642 ♦ AT4 ♣ Q</div> <div>♠ AKQJ8 ♥ 9 ♦ 982 ♣ AT98</div> <div>N 10 10 7 7 11 S 10 10 7 7 11 E 3 3 2 5 2 W 3 3 2 5 2</div> <div>630</div>	<div># 32</div> <div>W/EW</div> <div>Opt. res. 120</div> <div>♠ A93 ♥ AT74 ♦ 873 ♣ 954</div> <div>♠ T8 ♥ Q62 ♦ AQ94 ♣ KJ63</div> <div>♠ J76 ♥ J53 ♦ K652 ♣ Q82</div> <div>♠ KQ542 ♥ K98 ♦ JT ♣ AT7</div> <div>N 8 8 8 8 6 S 8 8 8 8 6 E 5 4 4 4 6 W 5 4 4 4 6</div> <div>120</div>	<div># 33</div> <div>N/None</div> <div>Opt. res. 130</div> <div>♠ J4 ♥ JT5 ♦ K9876 ♣ A54</div> <div>♠ AKQT92 ♥ 862 ♦ JT3 ♣ 6</div> <div>♠ 8763 ♥ AK73 ♦ Q42 ♣ 32</div> <div>♠ 5 ♥ Q94 ♦ A5 ♣ KQJT987</div> <div>N 5 4 5 8 10 S 5 4 5 8 10 E 4 8 7 5 2 W 4 8 7 5 2</div> <div>130</div>

N HPC	E HPC	S HPC	W HPC	---Voids---	---Singletons---	- >=7suit -	---Balanced----
10.39	8.82	11.67	9.12	2 0 0 2	12 6 9 9	2 4 2 0	19 23 24 22