

Chislehurst Bridge Club

Summary of Statistics for Computer Dealt Hands

Dealing Software: Dealmaster/BigDeal
 Number of 13 card deals: 18048
 Number of 32 board sets: 141

HCP Average

| | Expected | Actual |
|-------|----------|--------|
| North | 10 | 9.94 |
| South | 10 | 10.10 |
| East | 10 | 9.95 |
| West | 10 | 10.01 |

Rank Singletons %

| | Expected | Actual |
|----|----------|--------|
| A | 2.4 | 2.6 |
| K | 2.4 | 2.4 |
| Q | 2.4 | 2.5 |
| J | 2.4 | 2.3 |
| 10 | 2.4 | 2.4 |
| 9 | 2.4 | 2.5 |
| 8 | 2.4 | 2.4 |
| 7 | 2.4 | 2.4 |
| 6 | 2.4 | 2.6 |
| 5 | 2.4 | 2.7 |
| 4 | 2.4 | 2.4 |
| 3 | 2.4 | 2.5 |
| 2 | 2.4 | 2.5 |

Hand Patterns %

| | Expected | Actual |
|----------|----------|--------|
| 4-4-3-2 | 21.6 | 21.7 |
| 5-3-3-2 | 15.5 | 15.2 |
| 5-4-3-1 | 12.9 | 13.2 |
| 5-4-2-2 | 10.6 | 10.5 |
| 4-3-3-3 | 10.5 | 10.6 |
| 6-3-2-2 | 5.6 | 5.8 |
| 6-4-2-1 | 4.7 | 4.6 |
| 6-3-3-1 | 3.5 | 3.2 |
| 5-5-2-1 | 3.2 | 3.0 |
| 4-4-4-1 | 3.0 | 3.2 |
| 7-3-2-1 | 1.9 | 1.9 |
| 6-4-3-0 | 1.3 | 1.3 |
| 5-4-4-0 | 1.2 | 1.4 |
| 5-5-3-0 | 0.9 | 0.83 |
| 6-5-1-1 | 0.7 | 0.78 |
| 6-5-2-0 | 0.65 | 0.56 |
| 7-2-2-2 | 0.51 | 0.67 |
| 7-4-1-1 | 0.39 | 0.35 |
| 7-4-2-0 | 0.36 | 0.37 |
| 7-3-3-0 | 0.27 | 0.22 |
| 8-2-2-1 | 0.19 | 0.21 |
| 8-3-1-1 | 0.12 | 0.16 |
| 7-5-1-0 | 0.11 | 0.08 |
| 8-3-2-0 | 0.11 | 0.10 |
| 6-6-1-0 | 0.072 | 0.0443 |
| 8-4-1-0 | 0.045 | 0.0443 |
| 9-2-1-1 | 0.018 | 0.0222 |
| 9-3-1-0 | 0.010 | 0.0111 |
| 9-2-2-0 | 0.008 | 0.0111 |
| 7-6-0-0 | 0.006 | 0 |
| 8-5-0-0 | 0.003 | 0 |
| 10-2-1-0 | 0.001 | 0 |
| 9-4-0-0 | 0.001 | 0.0055 |
| 10-1-1-1 | 0.0004 | 0 |
| 10-3-0-0 | 0.00015 | 0 |
| 11-1-1-0 | 0.000002 | 0 |
| 11-2-0-0 | 0.000001 | 0 |
| 12-1-0-0 | 3E-08 | 0 |
| 13-0-0-0 | 6E-11 | 0 |

Balanced %

| | Expected | Actual |
|-------|----------|--------|
| TOTAL | 47 | 47.48 |
| North | 11.75 | 12.00 |
| South | 11.75 | 11.90 |
| East | 11.75 | 11.76 |
| West | 11.75 | 11.82 |

Voids %

| | Expected | Actual |
|-------|----------|--------|
| TOTAL | 5.12 | 4.92 |
| North | 1.28 | 1.27 |
| South | 1.28 | 1.20 |
| East | 1.28 | 1.17 |
| West | 1.28 | 1.27 |

Suit Breaks %

| | Expected | Actual |
|-------|----------|--------|
| 1 - 1 | 52.0 | 51.3 |
| 2 - 0 | 48.0 | 48.8 |
| 2 - 1 | 78.0 | 79.3 |
| 3 - 0 | 22.0 | 20.7 |
| 2 - 2 | 40.7 | 40.7 |
| 3 - 1 | 49.7 | 50.2 |
| 4 - 0 | 9.6 | 9.1 |
| 3 - 2 | 67.8 | 67.5 |
| 4 - 1 | 28.3 | 28.9 |
| 5 - 0 | 3.9 | 3.7 |
| 3 - 3 | 35.5 | 34.5 |
| 4 - 2 | 48.5 | 49.8 |
| 5 - 1 | 14.5 | 14.2 |
| 6 - 0 | 1.5 | 1.5 |

Singletons %

| | Expected | Actual |
|-------|----------|--------|
| TOTAL | 30.55 | 32.14 |
| North | 7.64 | 7.68 |
| South | 7.64 | 8.23 |
| East | 7.64 | 8.20 |
| West | 7.64 | 8.03 |

7+ Card Suits %

| | Expected | Actual |
|-------|----------|--------|
| TOTAL | 4.1 | 4.18 |
| North | 1.025 | 1.06 |
| South | 1.025 | 0.97 |
| East | 1.025 | 1.13 |
| West | 1.025 | 1.01 |

Expected values from Wikipedia -
http://en.wikipedia.org/wiki/Bridge_probabilities
 Updated: 1-3-09