

| Experiment name           | Games  | Points bot won | Points mutant won | Decisions | Error skill | Error cost | Mutant won % | Mutant started |        |
|---------------------------|--------|----------------|-------------------|-----------|-------------|------------|--------------|----------------|--------|
| MuratMutantCubeFiftyZero  | 0      | 1,000          | 20,578            | 17,392    | 1,146       | 2,572      | 118          | 45.80%         | 514    |
| MuratMutantCubeFiftyZero  | 1,000  | 2,000          | 15,984            | 22,752    | 1,162       | 2,481      | 114          | 58.74%         | 500    |
| MuratMutantCubeFiftyZero  | 2,000  | 3,000          | 24,747            | 17,988    | 1,143       | 2,506      | 139          | 42.09%         | 507    |
| MuratMutantCubeFiftyZero  | 3,000  | 4,000          | 48,280            | 18,828    | 1,130       | 2,564      | 190          | 28.06%         | 507    |
| MuratMutantCubeFiftyZero  | 4,000  | 5,000          | 26,166            | 13,692    | 1,144       | 2,527      | 118          | 34.35%         | 516    |
| MuratMutantCubeFiftyZero  | 5,000  | 6,000          | 92,372            | 18,398    | 1,181       | 2,572      | 190          | 16.61%         | 508    |
| MuratMutantCubeFiftyZero  | 6,000  | 7,000          | 35,607            | 24,912    | 1,138       | 2,567      | 183          | 41.16%         | 502    |
| MuratMutantCubeFiftyZero  | 7,000  | 8,000          | 85,172            | 21,265    | 1,145       | 2,539      | 129          | 19.98%         | 523    |
| MuratMutantCubeFiftyZero  | 8,000  | 9,000          | 101,795           | 22,172    | 1,178       | 2,534      | 174          | 17.89%         | 512    |
| MuratMutantCubeFiftyZero  | 9,000  | 10,000         | 24,650            | 81,109    | 1,131       | 2,531      | 150          | 76.69%         | 516    |
| Subtotal points           |        |                | 475,351           | 258,508   | 11,498      | 25,393     |              |                | 5,105  |
| Percent won by mutant     |        |                | 64.77%            | 35.23%    |             |            |              |                |        |
| MuratMutantCubeFiftyZero  | 10,000 | 11,000         | 18,369            | 17,689    | 1,155       | 2,523      | 126          | 49.06%         | 507    |
| MuratMutantCubeFiftyZero  | 11,000 | 12,000         | 17,066            | 22,438    | 1,141       | 2,468      | 162          | 56.80%         | 495    |
| MuratMutantCubeFiftyZero  | 12,000 | 13,000         | 24,504            | 14,569    | 1,160       | 2,542      | 119          | 37.29%         | 473    |
| MuratMutantCubeFiftyZero  | 13,000 | 14,000         | 29,700            | 20,785    | 1,157       | 2,536      | 154          | 41.17%         | 487    |
| MuratMutantCubeFiftyZero  | 14,000 | 15,000         | 30,801            | 26,106    | 1,133       | 2,554      | 236          | 45.87%         | 513    |
| MuratMutantCubeFiftyZero  | 15,000 | 16,000         | 29,618            | 22,741    | 1,124       | 2,548      | 161          | 43.43%         | 470    |
| MuratMutantCubeFiftyZero  | 16,000 | 17,000         | 24,860            | 16,797    | 1,131       | 2,480      | 145          | 40.32%         | 509    |
| MuratMutantCubeFiftyZero  | 17,000 | 18,000         | 22,278            | 20,006    | 1,165       | 2,525      | 160          | 47.31%         | 500    |
| MuratMutantCubeFiftyZero  | 18,000 | 19,000         | 19,098            | 13,559    | 1,103       | 2,507      | 113          | 41.52%         | 513    |
| MuratMutantCubeFiftyZero  | 19,000 | 20,000         | 27,304            | 62,267    | 1,136       | 2,522      | 204          | 69.52%         | 524    |
| Subtotal points           |        |                | 243,598           | 236,957   | 11,405      | 25,205     |              |                | 4,991  |
| Percent won by mutant     |        |                | 50.69%            | 49.31%    |             |            |              |                |        |
| Total points              |        |                | 718,949           | 495,465   | 22,903      | 42,877     |              |                | 10,096 |
| Percent won by mutant     |        |                | 59.20%            | 40.80%    |             |            |              |                |        |
| Net points lost by mutant |        |                |                   | 223,484   |             |            |              |                |        |
| PPG, PPC lost by mutant   |        |                |                   | 11.1742   | 9.7578      |            |              |                |        |
| Average points per game   |        |                |                   | 60.7207   |             |            |              |                |        |

| Games    | Bot won single | Bot won gammon | Bot won bgammon | Mutant won single | Mutant won gammon | Mutant won bgammon | Mutant started won | Mutant started lost | Bot dropped | Mutant dropped | Bot resigned | Total moves |
|----------|----------------|----------------|-----------------|-------------------|-------------------|--------------------|--------------------|---------------------|-------------|----------------|--------------|-------------|
| 1,000    | 462            | 137            | 4               | 538               | 136               | 5                  | 295                | 230                 | 98          | 62             | 269          | 50,783      |
| 2,000    | 467            | 126            | 9               | 533               | 131               | 11                 | 269                | 241                 | 93          | 44             | 275          | 51,896      |
| 3,000    | 474            | 122            | 7               | 526               | 120               | 3                  | 259                | 220                 | 98          | 56             | 299          | 52,251      |
| 4,000    | 472            | 124            | 6               | 528               | 129               | 1                  | 272                | 221                 | 102         | 49             | 272          | 51,995      |
| 5,000    | 482            | 142            | 0               | 518               | 120               | 8                  | 265                | 226                 | 89          | 53             | 271          | 52,798      |
| 6,000    | 484            | 112            | 7               | 516               | 118               | 3                  | 277                | 246                 | 113         | 51             | 258          | 51,424      |
| 7,000    | 489            | 146            | 6               | 511               | 112               | 5                  | 258                | 229                 | 114         | 60             | 260          | 51,278      |
| 8,000    | 481            | 128            | 6               | 519               | 86                | 1                  | 258                | 234                 | 126         | 58             | 262          | 51,065      |
| 9,000    | 480            | 126            | 9               | 520               | 115               | 2                  | 266                | 235                 | 113         | 61             | 260          | 51,064      |
| 10,000   | 469            | 131            | 8               | 531               | 116               | 8                  | 255                | 234                 | 119         | 80             | 255          | 51,317      |
| Totals   | 4,760          | 1,294          | 62              | 5,240             | 1,183             | 47                 | 2,674              | 2,316               | 1,065       | 574            | 2,681        | 515,871     |
| Percents | 47.60%         | 12.94%         | 0.62%           | 52.40%            | 11.83%            | 0.47%              |                    |                     |             |                |              | 52          |
| 11,000   | 445            | 118            | 7               | 555               | 121               | 1                  | 295                | 212                 | 78          | 6              | 304          | 53,974      |
| 12,000   | 479            | 114            | 3               | 521               | 137               | 8                  | 247                | 248                 | 68          | 13             | 265          | 54,260      |
| 13,000   | 497            | 125            | 7               | 503               | 123               | 4                  | 265                | 208                 | 71          | 8              | 286          | 53,443      |
| 14,000   | 468            | 121            | 7               | 532               | 109               | 4                  | 240                | 247                 | 80          | 10             | 301          | 53,853      |
| 15,000   | 460            | 132            | 5               | 540               | 146               | 7                  | 283                | 230                 | 77          | 14             | 300          | 54,078      |
| 16,000   | 506            | 156            | 8               | 494               | 124               | 6                  | 251                | 219                 | 72          | 9              | 254          | 53,282      |
| 17,000   | 462            | 117            | 8               | 538               | 123               | 8                  | 276                | 233                 | 71          | 15             | 296          | 53,566      |
| 18,000   | 475            | 128            | 9               | 525               | 118               | 7                  | 266                | 234                 | 65          | 15             | 283          | 53,672      |
| 19,000   | 473            | 134            | 8               | 527               | 126               | 2                  | 277                | 236                 | 62          | 15             | 308          | 53,048      |
| 20,000   | 480            | 143            | 7               | 520               | 115               | 7                  | 289                | 235                 | 70          | 13             | 291          | 53,684      |
| Totals   | 4,745          | 1,288          | 69              | 5,255             | 1,242             | 54                 | 2,689              | 2,302               | 714         | 118            | 2,888        | 536,860     |
| Percents | 47.45%         | 12.88%         | 0.69%           | 52.55%            | 12.42%            | 0.54%              |                    |                     |             |                |              | 54          |
| Totals   | 9,505          | 2,582          | 131             | 10,495            | 2,425             | 101                | 5,363              | 4,618               | 1,779       | 692            | 5,569        | 1,052,731   |
| Percents | 47.53%         | 12.91%         | 0.66%           | 52.48%            | 12.13%            | 0.51%              |                    |                     |             |                |              | 53          |