

| 1. | Rollout ${ }^{1}$ | 15/9 6/1* | eq: +0.597 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 51.07 \% \text { (G:8.47\% B:0.41\%) } \\ & 48.93 \% \text { (G:24.71\% B:0.29\%) } \end{aligned}$ | Conf.: $\pm 0.012(+0.585 \ldots+0.609)-[100.0 \%]$ Duration: 2 minutes 33 seconds |
| 2. | Rollout ${ }^{1}$ | 10/4 9/4 | eq: $+0.420(-0.177)$ |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 48.22\% (G:5.72\% B:0.31\%) } \\ & 51.78 \% \text { (G:18.94\% B:0.22\%) } \end{aligned}$ | Conf.: $\pm 0.009(+0.411 \ldots+0.429)-[0.0 \%]$ <br> Duration: 2 minutes 01 second |
| 3. | Rollout ${ }^{1}$ | 20/9 | eq: $+0.353(-0.244)$ |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 47.34\% (G:4.94\% B:0.19\%) } \\ & 52.66 \% ~(G: 20.38 \% ~ B: 0.10 \%) \end{aligned}$ | Conf.: $\pm 0.009(+0.344 . . .+0.362)-[0.0 \%]$ Duration: 1 minute 58 seconds |
| 4. | Rollout ${ }^{1}$ | 20/15 20/14 | eq: $+0.271(-0.326)$ |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 45.91\% (G:3.29\% B:0.09\%) } \\ & 54.09 \% ~(G: 19.58 \% ~ B: 0.09 \%) \end{aligned}$ | Conf.: $\pm 0.009(+0.262 \ldots+0.280)-[0.0 \%]$ Duration: 1 minute 52 seconds |
| 5. | Rollout ${ }^{1}$ | 9/3 8/3 | eq: $+0.226(-0.371)$ |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 42.91\% (G:5.04\% B:0.24\%) } \\ & 57.09 \% ~(G: 21.74 \% ~ B: 0.20 \%) \end{aligned}$ | Conf.: $\pm 0.009(+0.216 \ldots+0.235)-[0.0 \%]$ Duration: 2 minutes 00 second |
| 6. | Rollout ${ }^{1}$ | 15/9 10/5 | eq: $+0.201(-0.396)$ |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 41.99\% (G:4.85\% B:0.26\%) } \\ & 58.01 \% ~(G: 18.24 \% ~ B: 0.11 \%) \end{aligned}$ | Conf.: $\pm 0.009(+0.192 \ldots+0.210)-[0.0 \%]$ Duration: 1 minute 58 seconds |

[^0]
## Problem 2

is Player 2
score: 0 pip: 137

5 point match
pip: 76
score: 2
is Player 1

| 1. | Rollout ${ }^{1}$ | 8/5 2/1 | eq: +0.419 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 74.02\% (G:13.61\% B:0.27\%) } \\ & \text { 25.98\% (G:2.06\% B:0.08\%) } \end{aligned}$ | Conf.: $\pm 0.006(+0.412 \ldots+0.425)-[100.0 \%]$ Duration: 2 minutes 08 seconds |
| 2. | Rollout ${ }^{1}$ | 8/5 6/5 | eq: +0.335 (-0.084) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 71.34\% (G:13.87\% B:0.18\%) } \\ & \text { 28.66\% (G:2.73\% B:0.11\%) } \end{aligned}$ | Conf.: $\pm 0.007(+0.328 \ldots+0.341)-[0.0 \%]$ <br> Duration: 2 minutes 00 second |
| 3. | Rollout ${ }^{1}$ | 5/1 | eq: +0.329 (-0.090) |
|  | Player: <br> Opponent: | $\begin{aligned} & 71.11 \% ~(G: 11.99 \% ~ B: 0.21 \%) \\ & \text { 28.89\% (G:2.66\% B:0.12\%) } \end{aligned}$ | Conf.: $\pm 0.006(+0.322 \ldots+0.335)-[0.0 \%]$ <br> Duration: 1 minute 53 seconds |
| 4. | Rollout ${ }^{1}$ | 8/4 | eq: +0.324 (-0.095) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 71.22\% (G:19.10\% B:0.45\%) } \\ & \text { 28.78\% (G:3.32\% B:0.13\%) } \end{aligned}$ | Conf.: $\pm 0.007(+0.317 \ldots+0.331)-[0.0 \%]$ Duration: 2 minutes 02 seconds |
| 5. | Rollout ${ }^{1}$ | 8/7 8/5 | eq: $+0.233(-0.186)$ |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 67.80\% (G:20.84\% B:0.45\%) } \\ & 32.20 \% \text { (G:3.55\% B:0.27\%) } \end{aligned}$ | Conf.: $\pm 0.008(+0.225 \ldots+0.241)-[0.0 \%]$ <br> Duration: 1 minute 47 seconds |

[^1]
## Problem 3


score: 0 pip: 80

Unlimited Game Jacoby Beaver
pip: 83 score: 0
is Player 1

| 1. | Rollout ${ }^{1}$ | 6/1* 2/1 | eq: +0.443 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 71.60 \% \text { (G:18.10\% B:0.42\%) } \\ & 28.40 \% \text { (G:9.97\% B:0.13\%) } \end{aligned}$ | Conf.: $\pm 0.004(+0.438 \ldots+0.447)-[100.0 \%]$ Duration: 10.7 seconds |
| 2. | Rollout ${ }^{1}$ | 8/7 6/1* | eq: +0.374 (-0.068) |
|  | Player: <br> Opponent: | $\begin{aligned} & 72.21 \% ~(G: 17.24 \% ~ B: 0.41 \%) \\ & 27.79 \% ~(G: 18.12 \% ~ B: 1.45 \%) \end{aligned}$ | Conf.: $\pm 0.005(+0.369 \ldots+0.380)-[0.0 \%]$ Duration: 14.3 seconds |
| 3. | Rollout ${ }^{1}$ | 16/11 5/4 | eq: +0.374 (-0.069) |
|  | Player: <br> Opponent: | $\begin{aligned} & 71.75 \% ~(G: 1.83 \% ~ B: 0.04 \%) \\ & 28.25 \% ~(G: 1.35 \% ~ B: 0.02 \%) \end{aligned}$ | Conf.: $\pm 0.005(+0.369 \ldots+0.379)-[0.0 \%]$ Duration: 16.7 seconds |
| 4. | Rollout ${ }^{1}$ | 16/15 6/1* | eq: +0.359 (-0.083) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 69.06\% (G:16.02\% B:0.38\%) } \\ & 30.94 \% ~(G: 9.95 \% ~ B: 0.14 \%) \end{aligned}$ | Conf.: $\pm 0.006(+0.354 \ldots+0.365)-[0.0 \%]$ Duration: 16.1 seconds |
| 5. | Rollout ${ }^{1}$ | 6/1* 5/4 | eq: +0.357 (-0.085) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 69.09\% (G:16.71\% B:0.39\%) } \\ & 30.91 \% \text { (G:10.19\% B:0.13\%) } \end{aligned}$ | Conf.: $\pm 0.006(+0.352 \ldots+0.363)-[0.0 \%]$ Duration: 9.9 seconds |
| 6. | Rollout ${ }^{1}$ | 16/10 | eq: +0.349 (-0.094) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 70.71\% (G:1.77\% B:0.04\%) } \\ & \text { 29.29\% (G:1.11\% B:0.02\%) } \end{aligned}$ | Conf.: $\pm 0.004(+0.345 \ldots+0.353)-[0.0 \%]$ Duration: 14.8 seconds |
| 7. | Rollout ${ }^{1}$ | 16/11 6/5 | eq: +0.327 (-0.115) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 69.81\% (G:1.62\% B:0.03\%) } \\ & 30.19 \% ~(G: 0.76 \% ~ B: 0.01 \%) \end{aligned}$ | Conf.: $\pm 0.004(+0.323 \ldots+0.331)-[0.0 \%]$ Duration: 14.8 seconds |

[^2]
## Problem 4


score: 0 pip: 102

Unlimited Game Jacoby Beaver
pip: 125 score: 0
is Player 1

| 1. | Rollout ${ }^{1}$ | Bar/24 8/7 8/6 | eq: -0.519 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 36.62 \% ~(G: 6.75 \% ~ B: 0.23 \%) \\ & 63.38 \% ~(G: 19.34 \% ~ B: 0.31 \%) \end{aligned}$ | Conf.: $\pm 0.013(-0.532 \ldots-0.506)-[100.0 \%]$ Duration: 1 minute 55 seconds |
| 2. | Rollout ${ }^{1}$ | Bar/24 4/1* | eq: -0.616 (-0.097) |
|  | Player: <br> Opponent: | $\begin{aligned} & 37.00 \% ~(G: 7.86 \% ~ B: 0.28 \%) \\ & 63.00 \% ~(G: 26.28 \% ~ B: 0.80 \%) \end{aligned}$ | Conf.: $\pm 0.016$ (-0.632...-0.600) - [0.0\%] <br> Duration: 2 minutes 09 seconds |
| 3. | Rollout ${ }^{1}$ | Bar/24 6/5(3) | eq: -0.639 (-0.121) |
|  | Player: <br> Opponent: | $\begin{aligned} & 35.46 \% ~(G: 7.61 \% ~ B: 0.36 \%) \\ & 64.54 \% ~(G: 23.08 \% ~ B: 0.50 \%) \end{aligned}$ | Conf.: $\pm 0.018$ (-0.657...-0.622) - [0.0\%] <br> Duration: 2 minutes 00 second |
| 4. | Rollout ${ }^{1}$ | Bar/24 4/3(3) | eq: -0.704 (-0.185) |
|  | Player: <br> Opponent: | $\begin{aligned} & 34.59 \% ~(G: 6.56 \% ~ B: 0.23 \%) \\ & 65.41 \% ~(G: 23.97 \% ~ B: 0.54 \%) \end{aligned}$ | Conf.: $\pm 0.015$ (-0.719...-0.689) - [0.0\%] <br> Duration: 2 minutes 02 seconds |
| 5. | Rollout ${ }^{1}$ | Bar/24 7/6 2/1*(2) | eq: -0.721 (-0.203) |
|  | Player: <br> Opponent: | $\begin{aligned} & 34.40 \% ~(G: 7.25 \% ~ B: 0.19 \%) \\ & 65.60 \% ~(G: 24.58 \% ~ B: 0.55 \%) \end{aligned}$ | Conf.: $\pm 0.014$ ( $-0.735 \ldots-0.708$ ) - [0.0\%] <br> Duration: 1 minute 57 seconds |
| 6. | Rollout ${ }^{1}$ | Bar/24 4/3 2/1*(2) | eq: -0.753 (-0.235) |
|  | Player: <br> Opponent: | $\begin{aligned} & 35.26 \% ~(G: 7.48 \% ~ B: 0.24 \%) \\ & 64.74 \% ~(G: 29.03 \% ~ B: 0.62 \%) \end{aligned}$ | Conf.: $\pm 0.015$ (-0.768...-0.739) - [0.0\%] <br> Duration: 2 minutes 06 seconds |

[^3]
## Problem 5


is Player 2
score: 0 pip: 115

Unlimited Game Jacoby Beaver
pip: 139 score: 0
is Player 1

| 1. | Rollout ${ }^{1}$ | 13/10 13/8 | eq: +0.359 |
| :---: | :---: | :---: | :---: |
|  | Player: | 68.04\% (G:19.81\% B:1.00\%) | Conf.: $\pm 0.008(+0.350 \ldots+0.367)-[100.0 \%$ ] |
|  | Opponent: | 31.96\% (G:8.46\% B:0.24\%) | Duration: 2 minutes 10 seconds |
| 2. | Rollout ${ }^{1}$ | 13/5 | eq: +0.259 (-0.100) |
|  | Player: | 63.94\% (G:20.40\% B:0.77\%) | Conf.: $\pm 0.008(+0.251 \ldots+0.267)-[0.0 \%]$ |
|  | Opponent: | 36.06\% (G:8.90\% B:0.28\%) | Duration: 1 minute 56 seconds |
| 3. | Rollout ${ }^{1}$ | 13/10 6/1* | eq: +0.129 (-0.230) |
|  | Player: | 58.50\% (G:24.75\% B:0.80\%) | Conf.: $\pm 0.010$ (+0.118... +0.139$)-[0.0 \%]$ |
|  | Opponent: | 41.50\% (G:14.16\% B:0.64\%) | Duration: 2 minutes 20 seconds |
| 4. | Rollout ${ }^{1}$ | 13/8 6/3 | eq: +0.093 (-0.265) |
|  | Player: | 58.92\% (G:16.39\% B:0.61\%) | Conf.: $\pm 0.009(+0.084 \ldots+0.103)-[0.0 \%]$ |
|  | Opponent: | 41.08\% (G:9.43\% B:0.24\%) | Duration: 1 minute 58 seconds |
| 5. | Rollout ${ }^{1}$ | 13/10 8/3 | eq: $+0.084(-0.275)$ |
|  | Player: | 58.73\% (G:17.22\% B:0.63\%) | Conf.: $\pm 0.009(+0.075 . .+0.093)-[0.0 \%]$ |
|  | Opponent: | 41.27\% (G:10.75\% B:0.34\%) | Duration: 1 minute 48 seconds |
| 6. | Rollout ${ }^{1}$ | 8/5 6/1* | eq: +0.074 (-0.285) |
|  | Player: | 56.38\% (G:23.71\% B:0.57\%) | Conf.: $\pm 0.008(+0.066 . . .+0.082)-[0.0 \%]$ |
|  | Opponent: | 43.62\% (G:12.32\% B:0.52\%) | Duration: 2 minutes 00 second |

[^4]
is Player 2
score: 4 pip: 144

7 point match
pip: 161
score: 0
is Player 1

| 1. | Rollout ${ }^{1}$ | 13/9* 6/1* | eq: +0.113 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 47.52 \% ~(G: 15.36 \% ~ B: 0.77 \%) \\ & 52.48 \% ~(G: 22.37 \% ~ B: 3.93 \%) \end{aligned}$ | Conf.: $\pm 0.020(+0.093 \ldots+0.133)-[100.0 \%]$ <br> Duration: 7 minutes 46 seconds |
| 2. | Rollout ${ }^{1}$ | 20/15 13/9* | eq: +0.031 (-0.082) |
|  | Player: <br> Opponent: | $\begin{aligned} & 46.89 \% ~(G: 13.28 \% ~ B: 0.78 \%) \\ & 53.11 \% ~(G: 24.07 \% ~ B: 4.91 \%) \end{aligned}$ | Conf.: $\pm 0.018(+0.013 \ldots+0.050)-[0.0 \%]$ <br> Duration: 7 minutes 28 seconds |
| 3. | Rollout ${ }^{1}$ | 24/20 8/3 | eq: +0.030 (-0.083) |
|  | Player: <br> Opponent: | $\begin{aligned} & 45.78 \% ~(G: 12.49 \% ~ B: 0.51 \%) \\ & 54.22 \% ~(G: 17.22 \% ~ B: 1.73 \%) \end{aligned}$ | Conf.: $\pm 0.016$ (+0.014...+0.046) - [0.0\%] <br> Duration: 7 minutes 06 seconds |
| 4. | Rollout ${ }^{1}$ | 6/1* 5/1 | eq: -0.004 (-0.117) |
|  | Player: <br> Opponent: | 42.86\% (G:15.81\% B:0.68\%) <br> 57.14\% (G:14.99\% B:1.80\%) | Conf.: $\pm 0.014(-0.018 \ldots+0.011)-[0.0 \%]$ <br> Duration: 5 minutes 40 seconds |
| 5. | Rollout ${ }^{1}$ | 24/20 13/8 | eq: -0.004 (-0.117) |
|  | Player: <br> Opponent: | 45.10\% (G:11.55\% B:0.47\%) <br> 54.90\% (G:15.77\% B:1.23\%) | Conf.: $\pm 0.015(-0.019 \ldots+0.011)-[0.0 \%]$ <br> Duration: 6 minutes 19 seconds |
| 6. | Rollout ${ }^{1}$ | 24/20 6/1* | eq: -0.015 (-0.128) |
|  | Player: <br> Opponent: | $\begin{aligned} & 44.52 \% ~(G: 12.15 \% ~ B: 0.43 \%) \\ & 55.48 \% ~(G: 17.23 \% ~ B: 1.54 \%) \end{aligned}$ | Conf.: $\pm 0.016(-0.031 \ldots+0.001)-[0.0 \%]$ <br> Duration: 7 minutes 23 seconds |
| 7. | Rollout ${ }^{1}$ | 24/20 7/2 | eq: -0.016 (-0.129) |
|  | Player: <br> Opponent: | $\begin{aligned} & 44.67 \% ~(G: 12.24 \% ~ B: 0.45 \%) \\ & 55.33 \% ~(G: 17.32 \% ~ B: 1.80 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.033...+0.001) - [0.0\%] <br> Duration: 6 minutes 58 seconds |
| 8. | Rollout ${ }^{1}$ | 13/8 13/9* | eq: -0.065 (-0.178) |
|  | Player: <br> Opponent: | $\begin{aligned} & 43.87 \% ~(G: 12.60 \% ~ B: 0.73 \%) \\ & 56.13 \% ~(G: 22.38 \% ~ B: 3.88 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.081...-0.048) - [0.0\%] <br> Duration: 6 minutes 55 seconds |


score: 1 pip: 124

5 point match pip: 158 score: 0
is Player 1

| 1. | Rollout ${ }^{1}$ | Bar/20 13/10 | eq: -0.763 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 35.73 \% ~(G: 7.93 \% ~ B: 0.58 \%) \\ & 64.27 \% ~(G: 20.95 \% ~ B: 1.39 \%) \end{aligned}$ | Conf.: $\pm 0.021(-0.784 \ldots-0.743)-[100.0 \%]$ Duration: 4 minutes 37 seconds |
| 2. | Rollout ${ }^{1}$ | Bar/22 13/8 | eq: -0.855 (-0.091) |
|  | Player: <br> Opponent: | $\begin{aligned} & 33.71 \% ~(\mathrm{G}: 7.17 \% \mathrm{~B}: 0.33 \%) \\ & 66.29 \% \text { (G:18.28\% B:1.03\%) } \end{aligned}$ | Conf.: $\pm 0.019$ (-0.873...-0.836) - [0.0\%] <br> Duration: 4 minutes 07 seconds |
| 3. | Rollout ${ }^{1}$ | Bar/20 8/5 | eq: -0.859 (-0.096) |
|  | Player: <br> Opponent: | 34.15\% (G:7.58\% B:0.38\%) 65.85\% (G:20.30\% B:0.86\%) | Conf.: $\pm 0.018$ (-0.878...-0.841) - [0.0\%] <br> Duration: 3 minutes 54 seconds |
| 4. | Rollout ${ }^{1}$ | Bar/22 8/3 | eq: -0.882 (-0.118) |
|  | Player: <br> Opponent: | $\begin{aligned} & 34.19 \% ~(G: 7.55 \% ~ B: 0.41 \%) \\ & 65.81 \% ~(G: 20.56 \% ~ B: 1.32 \%) \end{aligned}$ | Conf.: $\pm 0.018(-0.900 \ldots-0.863)-[0.0 \%]$ <br> Duration: 3 minutes 53 seconds |
| 5. | Rollout ${ }^{1}$ | Bar/20 6/3 | eq: -0.898 (-0.134) |
|  | Player: <br> Opponent: | 34.14\% (G:7.61\% B:0.45\%) 65.86\% (G:21.69\% B:1.41\%) | Conf.: $\pm 0.018(-0.915 \ldots-0.880)-[0.0 \%]$ <br> Duration: 4 minutes 07 seconds |
| 6. | Rollout ${ }^{1}$ | Bar/20 24/21 | eq: -0.960 (-0.197) |
|  | Player: <br> Opponent: | $\begin{aligned} & 33.03 \% ~(G: 6.90 \% ~ B: 0.58 \%) \\ & 66.97 \% ~(G: 21.31 \% ~ B: 1.02 \%) \end{aligned}$ | Conf.: $\pm 0.020(-0.980 \ldots-0.941)-[0.0 \%]$ <br> Duration: 4 minutes 43 seconds |

[^5]
score: 0 pip: 176

5 point match
pip: 155 score: 1
is Player 1

| 1. | Rollout ${ }^{1}$ | 13/7* $6 / 1^{*}$ | eq: +0.686 |
| :---: | :---: | :---: | :---: |
|  | Player: | 61.96\% (G:21.38\% B:1.74\%) | Conf.: $\pm 0.018$ (+0.668...+0.705) - [100.0\%] |
|  | Opponent: | 38.04\% (G:7.25\% B:0.37\%) | Duration: 4 minutes 22 seconds |
| 2. | Rollout ${ }^{1}$ | 13/7* 7/2* | eq: $+0.624(-0.062)$ |
|  | Player: | 60.55\% (G:20.88\% B:2.17\%) | Conf.: $\pm 0.019$ (+0.606 ... +0.643$)-[0.0 \%]$ |
|  | Opponent: | 39.45\% (G:7.68\% B:0.37\%) | Duration: 4 minutes 21 seconds |
| 3. | Rollout ${ }^{1}$ | 9/3 8/3 | eq: $+0.617(-0.069)$ |
|  | Player: | 61.00\% (G:19.68\% B:1.89\%) | Conf.: $\pm 0.020$ (+0.597 ...+0.637) - [0.0\%] |
|  | Opponent: | 39.00\% (G:7.20\% B:0.29\%) | Duration: 4 minutes 16 seconds |
| 4. | Rollout ${ }^{1}$ | 20/9 | eq: $+0.533(-0.154)$ |
|  | Player: | 60.79\% (G:15.87\% B:1.31\%) | Conf.: $\pm 0.019$ (+0.514 ... +0.552 ) - [0.0\%] |
|  | Opponent: | 39.21\% (G:8.51\% B:0.33\%) | Duration: 4 minutes 38 seconds |
| 5. | Rollout ${ }^{1}$ | 13/8 13/7* | eq: +0.499 (-0.187) |
|  | Player: | 58.48\% (G:17.86\% B:1.87\%) | Conf.: $\pm 0.018$ (+0.481 $\ldots+0.517)-[0.0 \%]$ |
|  | Opponent: | 41.52\% (G:7.83\% B:0.38\%) | Duration: 5 minutes 12 seconds |
| 6. | Rollout ${ }^{1}$ | 8/2* 6/1* | eq: +0.425 (-0.261) |
|  | Player: | 56.00\% (G:19.47\% B:1.24\%) | Conf.: $\pm 0.017(+0.408 \ldots+0.442)-[0.0 \%]$ |
|  | Opponent: | 44.00\% (G:9.16\% B:0.40\%) | Duration: 4 minutes 37 seconds |

[^6]
score: 5 pip: 158

7 point match
pip: 176 score: 3
is Player 1

| 1. | Rollout ${ }^{1}$ | 24/20 6/5 | eq: -0.081 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 42.22\% (G:10.14\% B:0.90\%) } \\ & 57.78 \% \text { (G:23.58\% B:5.10\%) } \end{aligned}$ | Conf.: $\pm 0.022$ ( $-0.103 \ldots-0.059$ ) - [100.0\%] <br> Duration: 8 minutes 09 seconds |
| 2. | Rollout ${ }^{1}$ | 23/18 | eq: -0.151 (-0.069) |
|  | Player: <br> Opponent | $\begin{aligned} & 40.46 \% ~(\mathrm{G}: 8.87 \% \mathrm{~B}: 0.40 \%) \\ & 59.54 \% ~(\mathrm{G}: 21.56 \% \mathrm{~B}: 4.64 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.168...-0.133) - [0.0\%] <br> Duration: 7 minutes 09 seconds |
| 3. | Rollout ${ }^{1}$ | 7/3 6/5 | eq: -0.157 (-0.075) |
|  | Player: <br> Opponent | $\begin{aligned} & 40.34 \% ~(G: 9.12 \% ~ B: 0.64 \%) \\ & 59.66 \% ~(G: 21.29 \% ~ B: 3.89 \%) \end{aligned}$ | Conf.: $\pm 0.018$ (-0.175...-0.139) - [0.0\%] <br> Duration: 6 minutes 59 seconds |
| 4. | Rollout ${ }^{1}$ | 24/20 23/22 | eq: -0.162 (-0.081) |
|  | Player: <br> Opponent: | $\begin{aligned} & 40.38 \% ~(G: 8.90 \% ~ B: 0.56 \%) \\ & 59.62 \% ~(G: 21.82 \% ~ B: 3.60 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.179...-0.145) - [0.0\%] Duration: 7 minutes 15 seconds |
| 5. | Rollout ${ }^{1}$ | 13/9 6/5 | eq: -0.162 (-0.081) |
|  | Player: <br> Opponent | $\begin{aligned} & 40.50 \% ~(G: 9.12 \% ~ B: 0.60 \%) \\ & 59.50 \% ~(G: 23.64 \% ~ B: 7.48 \%) \end{aligned}$ | Conf.: $\pm 0.020$ (-0.182...-0.143) - [0.0\%] <br> Duration: 8 minutes 10 seconds |
| 6. | Rollout ${ }^{1}$ | 13/8 | eq: -0.172 (-0.090) |
|  | Player: <br> Opponent: | $\begin{aligned} & 39.95 \% ~(\mathrm{G}: 8.54 \% \mathrm{~B}: 0.59 \%) \\ & 60.05 \% \text { (G:19.47\% B:3.85\%) } \end{aligned}$ | Conf.: $\pm 0.016$ (-0.188...-0.155) - [0.0\%] Duration: 6 minutes 38 seconds |
| 7. | Rollout ${ }^{1}$ | 24/23 24/20 | eq: -0.188 (-0.106) |
|  | Player: <br> Opponent | $\begin{aligned} & 39.37 \% ~(G: 8.59 \% ~ B: 0.59 \%) \\ & 60.63 \% ~(\mathrm{G}: 19.73 \% \mathrm{~B}: 3.06 \%) \end{aligned}$ | Conf.: $\pm 0.018$ (-0.205...-0.170) - [0.0\%] <br> Duration: 7 minutes 06 seconds |
| 8. | Rollout ${ }^{1}$ | 24/20 8/7 | eq: -0.198 (-0.117) |
|  | Player: <br> Opponent: | $\begin{aligned} & 39.35 \% ~(G: 8.82 \% ~ B: 0.65 \%) \\ & 60.65 \% ~(G: 21.35 \% ~ B: 3.82 \%) \end{aligned}$ | Conf.: $\pm 0.018$ (-0.216...-0.180) - [0.0\%] Duration: 7 minutes 35 seconds |
| 9. | Rollout ${ }^{1}$ | 23/22 13/9 | eq: -0.202 (-0.121) |


|  | Player: <br> Opponent: | $\begin{aligned} & 38.87 \% ~(G: 9.05 \% ~ B: 0.93 \%) \\ & 61.13 \% ~(G: 22.79 \% ~ B: 4.79 \%) \end{aligned}$ | Conf.: $\pm 0.018$ (-0.220...-0.184) - [0.0\%] <br> Duration: 7 minutes 00 second |
| :---: | :---: | :---: | :---: |
| 10. | Rollout ${ }^{1}$ | 24/20 7/6 | eq: -0.204 (-0.122) |
|  | Player: <br> Opponent: | $\begin{aligned} & 39.54 \% ~(G: 8.25 \% ~ B: 0.48 \%) \\ & 60.46 \% ~(G: 19.86 \% ~ B: 2.65 \%) \end{aligned}$ | Conf.: $\pm 0.016$ (-0.220...-0.187) - [0.0\%] <br> Duration: 6 minutes 47 seconds |
| 11. | Rollout ${ }^{1}$ | 23/22 7/3 | eq: -0.205 (-0.124) |
|  | Player: <br> Opponent: | $\begin{aligned} & 38.95 \% ~(G: 8.53 \% ~ B: 0.34 \%) \\ & 61.05 \% ~(G: 20.43 \% ~ B: 3.35 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.222...-0.189) - [0.0\%] <br> Duration: 6 minutes 18 seconds |
| 12. | Rollout ${ }^{1}$ | 6/5 6/2 | eq: -0.209 (-0.128) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 39.18\% (G:9.11\% B:0.68\%) } \\ & \text { 60.82\% (G:23.18\% B:4.75\%) } \end{aligned}$ | Conf.: $\pm 0.019$ (-0.228...-0.190) - [0.0\%] <br> Duration: 7 minutes 30 seconds |
| 13. | Rollout ${ }^{1}$ | 24/23 13/9 | eq: -0.219 (-0.138) |
|  | Player: <br> Opponent: | $\begin{aligned} & 38.31 \% ~(G: 8.83 \% ~ B: 0.55 \%) \\ & 61.69 \% ~(G: 21.96 \% ~ B: 3.86 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.236...-0.202) - [0.0\%] <br> Duration: 6 minutes 56 seconds |
| 14. | Rollout ${ }^{1}$ | 24/23 7/3 | eq: -0.235 (-0.154) |
|  | Player: <br> Opponent: | $\begin{aligned} & 38.27 \% ~(G: 8.25 \% ~ B: 0.62 \%) \\ & 61.73 \% ~(G: 19.85 \% ~ B: 2.99 \%) \end{aligned}$ | Conf.: $\pm 0.016$ (-0.252...-0.219) - [0.0\%] <br> Duration: 5 minutes 49 seconds |
| 15. | Rollout ${ }^{1}$ | 24/23 6/2 | eq: -0.249 (-0.167) |
|  | Player: <br> Opponent: | $\begin{aligned} & 37.84 \% ~(G: 8.52 \% ~ B: 0.45 \%) \\ & 62.16 \% ~(G: 20.99 \% ~ B: 3.74 \%) \end{aligned}$ | Conf.: $\pm 0.017$ (-0.265...-0.232) - [0.0\%] <br> Duration: 6 minutes 34 seconds |

[^7]
## Problem 10


score: 0 pip: 133

Unlimited Game Jacoby Beaver
pip: 101 score: 0
is Player 1

| 1. | Rollout ${ }^{1}$ | 12/10 8/7(2) | eq: +0.828 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 70.78 \% ~(G: 8.53 \% ~ B: 0.14 \%) \\ & 29.22 \% ~(G: 3.62 \% ~ B: 0.09 \%) \end{aligned}$ | Conf.: $\pm 0.010(+0.818 \ldots+0.838)-[100.0 \%]$ <br> Duration: 1 minute 39 seconds |
| 2. | Rollout ${ }^{1}$ | 10/9(2) 8/7(2) | eq: +0.679 (-0.149) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 66.95\% (G:8.48\% B:0.15\%) } \\ & 33.05 \% \text { (G:4.28\% B:0.12\%) } \end{aligned}$ | Conf.: $\pm 0.008(+0.671 \ldots+0.687)-[0.0 \%]$ <br> Duration: 1 minute 28 seconds |
| 3. | Rollout ${ }^{1}$ | 12/8 | eq: +0.620 (-0.209) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 64.83\% (G:8.84\% B:0.15\%) } \\ & 35.17 \% \text { (G:5.99\% B:0.14\%) } \end{aligned}$ | Conf.: $\pm 0.010(+0.609 \ldots+0.630)-[0.0 \%]$ <br> Duration: 1 minute 28 seconds |
| 4. | Rollout ${ }^{1}$ | 12/11(2) 10/9(2) | eq: +0.610 (-0.218) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 64.40\% (G:10.41\% B:0.28\%) } \\ & 35.60 \% \text { (G:6.38\% B:0.16\%) } \end{aligned}$ | Conf.: $\pm 0.010(+0.600 \ldots+0.619)-[0.0 \%]$ <br> Duration: 1 minute 24 seconds |
| 5. | Rollout ${ }^{1}$ | 12/11(2) 12/10 | eq: +0.564 (-0.264) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 63.26\% (G:8.71\% B:0.16\%) } \\ & 36.74 \% \text { (G:6.25\% B:0.17\%) } \end{aligned}$ | Conf.: $\pm 0.009(+0.555 \ldots+0.574)-[0.0 \%]$ <br> Duration: 1 minute 24 seconds |
| 6. | Rollout ${ }^{1}$ | 10/8(2) | eq: +0.559 (-0.269) |
|  | Player: <br> Opponent: | $\begin{aligned} & 63.12 \% ~(G: 7.71 \% ~ B: 0.12 \%) \\ & 36.88 \% ~(G: 5.85 \% ~ B: 0.14 \%) \end{aligned}$ | Conf.: $\pm 0.008(+0.551 \ldots+0.568)-[0.0 \%]$ <br> Duration: 1 minute 36 seconds |
| 7. | Rollout ${ }^{1}$ | 12/11(2) 8/7(2) | eq: +0.515 (-0.313) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 61.14\% (G:9.93\% B:0.21\%) } \\ & 38.86 \% ~(G: 7.97 \% ~ B: 0.20 \%) \end{aligned}$ | Conf.: $\pm 0.009(+0.505 \ldots+0.524)-[0.0 \%]$ <br> Duration: 1 minute 38 seconds |

[^8]
[^0]:    ${ }^{1} 1296$ Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^1]:    ${ }^{1} 1296$ Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^2]:    1296 Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^3]:    ${ }^{1} 1296$ Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^4]:    ${ }^{1} 1296$ Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^5]:    1296 Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^6]:    ${ }^{1} 1296$ Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^7]:    1296 Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

[^8]:    1296 Games rolled with Variance Reduction.
    Moves and cube decisions: 3-ply

