## Thorleif vs. Rune F

9 point match, Score is Thorleif: 7, Rune F: 12

| Thorleif $\bigcirc$ | Category | Rune F |
| :---: | :---: | :---: |
| World Class $(-0.0060)$ | Total Error | World Champ. $(-0.0022)$ |
| World Class $(-0.0064)$ | Checker Play | World Champ. $(-0.0024)$ |
| World Champ. $(+0.0000)$ | Cube Play | World Champ. $(+0.0000)$ |
| 2.99 | Performance Rating | 1.11 |


| Thorleif $\bigcirc$ |  | Rune F |
| :---: | :---: | :---: |
| World Champ. $(-0.0025)$ | Game 1 | World Champ. $(-0.0006)$ |
| Expert $(-0.0105)$ | Game 2 | World Champ. $(-0.0021)$ |
| World Class $(-0.0093)$ | Game 3 | World Champ. $(-0.0039)$ |
| World Champ. $(+0.0000)$ | Game 4 | World Champ. $(-0.0002)$ |
| World Class $(-0.0079)$ | Game 5 | World Champ. $(-0.0026)$ |
| World Champ. $(-0.0009)$ | Game 6 | World Champ. $(-0.0011)$ |
| World Class $(-0.0100)$ | Game 7 | World Champ. $(-0.0043)$ |


| Thorleif O | Category | Rune F O |
| :---: | :---: | :---: |
| $8(4)$ | Move Errors | 3 |
| $-0.813(-17.18 \%)$ | Equity lost (cost) | $-0.315(-7.83 \%)$ |
| 0 | Double Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
|  |  |  |
| 0 | Take Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
| $8(4)$ | Total Error | 3 |
| $-0.813(-17.18 \%)$ | Equity lost (cost) | $-0.315(-7.83 \%)$ |
| 9 |  |  |
| $-0.804(-39.12 \%)$ | Jokers | 11 |
| World Class | Luck | $+0.804(+39.12 \%)$ |
| 2.99 | Level of Play | World Champ. |
|  | Performance Rating | 1.11 |

Location: Bergen
Played on: 17.09.2018
At: 17:48:05

## Event: Bymesterskap 2018

Round: Semi Final
Thorleif: Elo $=1600$, Exp $=0$
Rune F: Elo=1600, Exp=0

## Game 1

9 point match, Score is Thorleif: 0, Rune F: 0


|  | Player: | $45.63 \%$ (G:11.32\% B:0.40\%) |
| :--- | :--- | :--- |
|  | Opponent: | $54.37 \%$ (G:14.66\% B:0.68\%) |
| 4. | 2-ply | $24 / 23$ 24/18 |
|  | Player: | $45.86 \%$ (G:9.32\% B:0.34\%) |
| 5. | Opponent: | $54.14 \%$ (G:15.71\% B:0.47\%) |
| 2-ply | $24 / 238 / 2^{*}$ |  |
|  | Player: | $44.52 \%$ (G:10.72\% B:0.37\%) |
|  | Opponent: | $55.48 \%$ (G:15.66\% B:0.77\%) |

32: 24/21 23/21


22: 24/20(2)

eq: +0.036
eq: $-0.155(-0.191)$
eq: -0.168 (-0.203)
eq: -0.175 (-0.210)
eq: $-0.180(-0.215)$
eq: +0.096
eq: +0.010 (-0.086)
eq: +0.007 (-0.089)
eq: $-0.005(-0.101)$

|  | Player: | $50.43 \%$ (G:9.13\% B:0.28\%) |
| :--- | :--- | :--- |
|  | Opponent: | $49.57 \%$ (G:10.42\% B:0.30\%) |
| 5. | 3-ply | $24 / 22(2) 13 / 11(2)$ |
|  | Player: | $50.30 \%$ (G:8.19\% B:0.26\%) |
|  | Opponent: | $49.70 \%(\mathrm{G}: 9.41 \% \mathrm{~B}: 0.25 \%)$ |

55: 21/11(2)

eq: +0.463
eq: +0.217 (-0.246)
eq: $+0.211(-0.252)$
eq: $+0.202(-0.261)$
eq: +0.191 (-0.272)

## 53: 13/5


eq: -0.478
eq: - $0.479(-0.001)$
eq: -0.483 (-0.006)
eq: -0.487 (-0.009)
eq: $-0.473(+0.005)$
$\begin{array}{ll}\text { Player: } & 34.27 \% \text { (G:1.62\% B:0.04\%) } \\ \text { Opponent: } & 65.73 \% \text { (G:1.72\% B:0.03\%) }\end{array}$
No double



| Analyzed in 4-ply | No double |
| :--- | :--- |
| Player Winning Chances: | $66.03 \%(\mathrm{G}: 1.72 \%$ B:0.03\% $)$ |
| Opponent Winning Chances: | $33.97 \%(\mathrm{G}: 1.41 \%$ B:0.0.08\% $)$ |
| Cubeless Equities |  |
| Cubeful Equities |  |
| $\checkmark$ No double: | +0.483 |
| Double/Take: | $+0.410(-0.073)$ |
| Double/Pass: | $+1.000(+0.517)$ |

Best Cube action: No double / Take
Percentage of wrong pass needed to make the double decision right: 11.0\%
32: 13/11 6/3


32: 8/5 6/4

Double/Take
66.03\% (G:1.72\% B:0.03\%)
33.97\% (G:1.41\% B:0.08\%)
$+0.645$
eq: +0.384
eq: $+0.370(-0.014)$
eq: $+0.367(-0.017)$
eq: $+0.353(-0.031)$
eq: +0.365 (-0.019)


## Best Cube action: No double / Take

Percentage of wrong pass needed to make the double decision right: $11.5 \%$
55: 13/8(3) 11/6



XGID=----BBCCA----Bb--g-eB-a---:0:0:-1:00:0:0:0:9:10 Pip=131-111

Analyzed in 4-ply
Player Winning Chances:
Opponent Winning Chances:
Cubeless Equities
Cubeful Equities
No double:
$\checkmark$ Double/Take: Double/Pass:

## No double

76.43\% (G:1.76\% B:0.01\%) 23.57\% (G:1.13\% B:0.05\%) +0.535
+0.865 (-0.039)
+0.904
+1.000 (+0.096)

Best Cube action: Double / Take
41: 8/3

$X G I D=----B B C C A---B b--g-e B-a---1: 1: 1: 1: 41: 0: 0: 0: 9: 10 \quad$ Pip=131-111

| 1. ${ }^{\text {d }}$. | 4-ply | 8/4 3/2 |
| :---: | :---: | :---: |
|  | Player: | 73.40\% (G:1.14\% B:0.01\%) |
|  | Opponent: | 26.60\% (G:0.89\% B:0.01\%) |
| 2. | 4-ply | 8/3 |
|  | Player: | 73.03\% (G:1.11\% B:0.01\%) |
|  | Opponent: | 26.97\% (G:0.96\% B:0.01\%) |
| 3. | 4-ply | 6/1 |
|  | Player: | 72.88\% (G:1.11\% B:0.00\%) |
|  | Opponent: | 27.12\% (G:1.03\% B:0.01\%) |
| 4. | 4-ply | 6/2 3/2 |
|  | Player: | 71.90\% (G:1.03\% B:0.00\%) |
|  | Opponent: | 28.10\% (G:1.04\% B:0.01\%) |
| 5. | 1-ply | 8/7 8/4 |
|  | Player: | 59.79\% (G:2.73\% B:0.04\%) |
|  | Opponent: | 40.21\% (G:5.07\% B:0.26\%) |

53: 13/10 13/8

## Double/Take

$76.43 \%$ (G:1.75\% B:0.01\%) $23.57 \%$ (G:1.12\% B:0.05\%) +1.067
eq: +0.378
eq: +0.369 (-0.010)
eq: +0.364 (-0.014)
eq: +0.340 (-0.038)
eq: +0.034 (-0.345)


33: 11/8(2) 6/3(2)


| $1 . \sqrt{ }$ | 3-ply | 11/8(2) 6/3(2) |
| :---: | :---: | :---: |
|  | Player: | 75.96\% (G:1.37\% B:0.01\%) |
|  | Opponent: | 24.04\% (G:1.32\% B:0.01\%) |
| 2. | 1-ply | 6/3(4) |
|  | Player: | 44.63\% (G:1.90\% B:0.02\%) |
|  | Opponent: | 55.37\% (G:16.64\% B:0.24\%) |
| 3. | 1-ply | 11/8 6/3(3) |
|  | Player: | 43.14\% (G:2.51\% B:0.02\%) |
|  | Opponent: | 56.86\% (G:15.70\% B:0.17\%) | 5.96\% (G:1.37\% B:0.01\%)

24.04\% (G:1.32\% B:0.01\%) 6/3(4)
37\% (G.16.64\% B:0.02\%) 11/8 6/3(3)
43.14\% (G:2.51\% B:0.02\%) 56.86\% (G:15.70\% B:0.17\%)
eq: +0.437
eq: - $0.437(-0.874)$
eq: -0.459 (-0.896)

## 63: 8/2 6/3


eq: -0.448
eq: -0.453 (-0.005)
eq: $-0.455(-0.007)$
eq: - $0.483(-0.035)$
eq: -0.498 (-0.050)

52: 8/6 8/3


eq: +0.446
eq: +0.412 (-0.033)
eq: $+0.379(-0.066)$
eq: +0.324 (-0.122)
eq: -0.270 (-0.715)

41: 10/9 7/3


| XGID=--AABBBCA-A------f-dB-e---:1:1:1:41:0:0:0:9:10 |  |  | Pip $=114-87$ |
| :---: | :---: | :---: | :---: |
| $1 . \sqrt{ }$ | 4-ply | 10/9 7/3 |  |
|  | Player: | 20.36\% (G:0.74\% B:0.00\%) |  |
|  | Opponent: | 79.64\% (G:0.95\% B:0.01\%) |  |
| 2. | 4-ply | 10/6 4/3 |  |
|  | Player: | 20.28\% (G:0.66\% B:0.00\%) |  |
|  | Opponent: | 79.72\% (G:1.06\% B:0.01\%) |  |
| 3. | 4-ply | 10/9 8/4 |  |
|  | Player: | 20.21\% (G:0.67\% B:0.00\%) |  |
|  | Opponent: | 79.79\% (G:1.14\% B:0.01\%) |  |
| 4.8 | 4-ply | 7/3 4/3 |  |
|  | Player: | 20.06\% (G:0.68\% B:0.00\%) |  |
|  | Opponent: | 79.94\% (G:1.13\% B:0.01\%) |  |
| 5. | 4-ply | 20/16 10/9 |  |
|  | Player: | 19.50\% (G:0.63\% B:0.00\%) |  |
|  | Opponent: | 80.50\% (G:2.11\% B:0.02\%) |  |

eq: -0.525
eq: -0.528 (-0.004)
eq: $-0.531(-0.006)$
eq: -0.534 (-0.009)
eq: -0.558 (-0.033)
eq: +0.492
eq: +0.483 (-0.010)
eq: +0.472 (-0.020)
eq: +0.437 (-0.055)
eq: $+0.464(-0.028)$

eq: -0.510
eq: -0.510 (0.000)
eq: -0.514 (-0.004)
eq: - $0.518(-0.008)$
eq: -0.520 (-0.010)

## 22: 8/6(4)



eq: +0.709
eq: +0.601 (-0.108)
eq: +0.586 (-0.123)
eq: +0.579 (-0.130)
eq: +0.567 (-0.141)

## 63: 7/47/1


eq: -0.708
eq: -0.709 (-0.002)
eq: - $0.721(-0.014)$
eq: - $0.721(-0.014)$
eq: -0.726 (-0.018)

43: 6/2 3/Off

eq: +0.727
eq: +0.665 (-0.061)

[^0]

| XGID=-ABBCBC-----------hB-ea--:1:1:1:64:0:0:0:9:10 |  |  | Pip=91-65 |
| :---: | :---: | :---: | :---: |
| $1 . V$ | 4-ply | 20/10 |  |
|  | Player: | 13.29\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 86.71\% (G:0.09\% B:0.00\%) |  |
| 2. | 4-ply | 20/16 20/14 |  |
|  | Player: | 13.08\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 86.92\% (G:0.01\% B:0.00\%) |  |
| 3. | 4-ply | 20/14 6/2 |  |
|  | Player: | 11.51\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 88.49\% (G:0.21\% B:0.00\%) |  |
| 4. | 4-ply | 20/14 5/1 |  |
|  | Player: | 11.05\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 88.95\% (G:0.22\% B:0.00\%) |  |



XGID=-ABBCBC---A--------hA-ea--:1:1:-1:41:0:0:0:9:10 Pip=81-65

| 1. ${ }^{\text {d }}$ P | 4-ply | 6/2 3/2 | eq: +0.542 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | 80.08\% (G:0.01\% B:0.00\%) <br> 19.92\% (G:0.00\% B:0.00\%) |  |
| 2.V | 4-ply | 6/1 | eq: +0.539 (-0.003) |
|  | Player: <br> Opponent: | $\begin{aligned} & 79.94 \% \text { (G:0.00\% B:0.00\%) } \\ & \text { 20.06\% (G:0.00\% B:0.00\%) } \end{aligned}$ |  |
| 3. | 1-ply | 6/2 6/5* | eq: -0.006 (-0.548) |
|  | Player: | 56.87\% (G:0.78\% B:0.01\%) 43.13\% (G:0.00\% B:0.00\%) |  |
| 4. | 1-ply | 6/5* $5 / 1$ | eq: -0.410 (-0.952) |
|  | Player: | 39.88\% (G:0.34\% B:0.00\%) |  |
|  | Opponent: | 60.12\% (G:0.00\% B:0.00\%) |  |

eq: +0.542
eq: $+0.539(-0.003)$
eq: -0.006 (-0.548)
eq: -0.410 (-0.952)
eq: -0.695
eq: -0.699 (-0.004)
eq: - $0.737(-0.043)$
eq: - $0.748(-0.053)$

41: 6/1


32: 10/5


XGID=-ABBCBC---A--------gA-eaa-:1:1:1:32:0:0:0:9:10 Pip=81-60

| $1 . \sqrt{ }$ | 4-ply | 10/5 |
| :---: | :---: | :---: |
|  | Player: | 14.01\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 85.99\% (G:0.03\% B:0.00\%) |
| 2.48 | 4-ply | 20/15 |
|  | Player: | 13.76\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 86.24\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 20/17 10/8 |
|  | Player: | 13.56\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 86.44\% (G:0.00\% B:0.00\%) |
| 4. | 4-ply | 20/18 10/7 |
|  | Player: | 13.16\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 86.84\% (G:0.00\% B:0.00\%) |
| 5. | 3-ply | 20/17 6/4 |
|  | Player: | 13.29\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 86.71\% (G:0.00\% B:0.00\%) |

41: 6/2 1/Off

eq: +0.573
eq: +0.506 (-0.067)
eq: +0.495 (-0.078)
eq: +0.117 (-0.456)
eq: - $0.327(-0.900)$

11: 5/1


| XGID=-ABBCCC-----------fA-eb--:1:1:1:11:0:0:0:9:10 |  |  | Pip $=76-55$ |
| :---: | :---: | :---: | :---: |
| 1. | 4-ply | 6/2 |  |
|  | Player: | 9.50\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 90.50\% (G:0.05\% B:0.00\%) |  |
| 2. | 4-ply | 6/3 5/4 |  |
|  | Player: | 9.47\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 90.53\% (G:0.05\% B:0.00\%) |  |
| 3.3 | 4-ply | 6/3 2/1 |  |
|  | Player: | 9.33\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 90.67\% (G:0.06\% B:0.00\%) |  |
| 4. | 4-ply | 6/4 3/1 |  |
|  | Player: | 9.25\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 90.75\% (G:0.04\% B:0.00\%) |  |
| 5.7 | 4-ply | 5/1 |  |
|  | Player: | 9.22\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 90.78\% (G:0.05\% B:0.00\%) |  |

eq: -0.782
eq: -0.783 (-0.001)
eq: -0.786 (-0.004)
eq: - $0.788(-0.006)$
eq: -0.788 (-0.006)
eq: +0.738
eq: +0.732 (-0.006)
eq: $+0.691(-0.047)$
eq: +0.678 (-0.060)
eq: -0.348 (-1.086)

eq: -0.807
eq: $-0.813(-0.005)$
eq: -0.825 (-0.018)
eq: -0.827 (-0.020)
eq: -0.829 (-0.021)
eq: +0.741
eq: $+0.711(-0.031)$
eq: $+0.650(-0.091)$
eq: +0.703 (-0.038)
eq: +0.625 (-0.116)

XGID=-BBBCBC------A-----da-db--:1:1:1:32:0:0:0:9:10 Pip=65-45

| 1.v | 4-ply | 13/8 |
| :---: | :---: | :---: |
|  | Player: | 6.82\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 93.18\% (G:0.00\% B:0.00\%) |
| 2. | 4-ply | 13/10 6/4 |
|  | Player: | 6.76\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 93.24\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 6/4 6/3 |
|  | Player: | 4.62\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 95.38\% (G:0.00\% B:0.00\%) |
| 4. | 3-ply | 13/10 4/2 |
|  | Player: | 6.05\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 93.95\% (G:0.00\% B:0.00\%) |
| 5. | 3-ply | 13/11 6/3 |
|  | Player: | 6.03\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 93.97\% (G:0.00\% B:0.00\%) |

## 31: 6/5 3/Off



XGID=-BBBCBC-A----------da-db--:1:1:-1:31:0:0:0:9:10 Pip=60-45

| 1. | 4-ply | 6/5 3/Off |
| :---: | :---: | :---: |
|  | Player: | 89.94\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 10.06\% (G:0.00\% B:0.00\%) |
| 2. | 4-ply | 3/Off 2/1 |
|  | Player: | 89.69\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 10.31\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 6/5 6/3 |
|  | Player: | 86.37\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 13.63\% (G:0.00\% B:0.00\%) |
| 4. | 3-ply | 5/4 3/Off |
|  | Player: | 89.64\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 10.36\% (G:0.00\% B:0.00\%) |
| 5. | 3-ply | 3/2 3/Off |
|  | Player: | 88.34\% (G:0.00\% B:0.00\%) |

eq: +0.768
eq: +0.762 (-0.006)
eq: +0.686 (-0.082)
eq: +0.761 (-0.007)
eq: +0.731 (-0.037)54: 8/3 4/Off

eq: -0.794
eq: -0.800 (-0.005)
eq: -0.862 (-0.068)
eq: -0.892 (-0.098)
eq: - $0.867(-0.073)$

## 32: 3/Off 2/Off



| XGID=-BBCBBC-----------c-c-cb--:1:1:-1:10: ${ }^{\text {a }} 0$ |  |  | Pip=51-41 |
| :---: | :---: | :---: | :---: |
| $1 . \downarrow$ | 4-ply | 3/Off 2/Off |  |
|  | Player: | 89.25\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 10.75\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply | 6/4 3/Off |  |
|  | Player: | 88.73\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 11.27\% (G:0.00\% B:0.00\%) |  |
| 3. | 4-ply | 6/4 5/2 |  |
|  | Player: | 84.94\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 15.06\% (G:0.00\% B:0.00\%) |  |
| 4. | 1-ply | 3/1 3/Off |  |
|  | Player: | 87.01\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 12.99\% (G:0.00\% B:0.00\%) |  |
| 5. | 1-ply | 6/3 2/Off |  |
|  | Player: | 86.02\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 13.98\% (G:0.00\% B:0.00\%) |  |

eq: +0.754
eq: $+0.740(-0.013)$
eq: $+0.652(-0.102)$
eq: $+0.700(-0.054)$
eq: +0.677 (-0.076)

63: 6/Off 3/Off


| XGID=-BBCBBC-----------cb-ba---1:1:1:63:0:0:0:9:10 |  |  | Pip=51-36 |
| :---: | :---: | :---: | :---: |
| 1.7 | 4-ply | 6/Off 3/Off |  |
|  | Player: | 11.63\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 88.37\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply | 6/3 6/Off |  |
|  | Player: | 7.08\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 92.92\% (G:0.00\% B:0.00\%) |  |
| 3. | 1-ply | 6/Off 5/2 |  |
|  | Player: | 6.28\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 93.72\% (G:0.00\% B:0.00\%) |  |
| 4. | 1-ply | 6/Off 4/1 |  |
|  | Player: | 5.76\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 94.24\% (G:0.00\% B:0.00\%) |  |

eq: -0.731
eq: -0.836 (-0.106)
eq: $-0.855(-0.124)$
eq: $-0.867(-0.136)$

## 53: 5/Off 3/Off



XGID=-BBBBBB-----------cb-ba--:1:1:-1:53:0:0:0:9:10 Pip=42-36

Opponent: $\quad 9.72 \%$ (G:0.000\% B:0.00\%)
2. 4-ply

6/1 3/Off
Player: $\quad 89.07 \%$ (G:0.00\% B:0.00\%)
Opponent: $\quad 10.93 \%$ (G:0.00\% B:0.00\%)
3. 4-ply

Player:
Opponent:
85.67\% (G:0.00\% B:0.00\%)

1-ply
Player:
14.33\% (G:0.00\% B:0.00\%)

6/3 5/Off
eq: +0.783
eq: $+0.753(-0.030)$
eq: +0.672 (-0.110)
eq: +0.719 (-0.064)
eq: +0.682 (-0.100)

5/2 5/Off
86.24\% (G:0.00\% B:0.00\%) 13.76\% (G:0.00\% B:0.00\%)
1-ply
Player: (

41: 4/Off 1/Off


## 55: 6/1(3) 5/Off


eq: +0.987

## 22: 4/Off 2/Off(2)



52: 3/Off 2/Off

eq: +0.994
eq: +0.994
63: 6/Off 3/Off


Wins a Single Game 2pts.
Game Summary:

| Thorleif $\bigcirc$ | Category | Rune F |
| :---: | :---: | :---: |
| World Champ. $(-0.0025)$ | Total Error | World Champ. $(-0.0006)$ |
| World Champ. $(-0.0026)$ | Checker Play | World Champ. $(-0.0007)$ |
| World Champ. $(+0.0000)$ | Cube Play | World Champ. $(+0.0000)$ |
| 1.26 | Performance Rating | 0.31 |
| 0 | Move Errors | 0 |
| $-0.050(-0.47 \%)$ | Equity lost (cost) | $-0.013(-0.14 \%)$ |
| 0 |  | 0 |
| +0.000 | Double Errors | +0.000 |


|  |  |  |
| :---: | :---: | :---: |
| 0 | Take Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
| 0 |  | 0 |
| $-0.050(-0.47 \%)$ | Total Error | $-0.013(-0.14 \%)$ |
| 0 | Equity lost (cost) | 2 |
| $-1.490(-11.29 \%)$ | Jokers | 2 |
|  | Luck | $+1.490(+11.29 \%)$ |

## Game 2

9 point match, Score is Thorleif: 0, Rune F: 2


|  | Player: | 43.02\% (G:9.62\% B:0.44\%) |
| :--- | :--- | :--- |
|  | Opponent: | $56.98 \%$ (G:19.64\% B:0.72\%) |
| 4. | 3-ply | $13 / 7$ |
|  | Player: | 40.67\% (G:10.21\% B:0.49\%) |
|  | Opponent: | $59.33 \%$ (G:18.84\% B:1.25\%) |
| 5. | 2-ply | $24 / 238 / 3$ |
|  | Player: | 39.93\% (G:9.71\% B:0.41\%) |
|  | Opponent: | 60.07\% (G:21.99\% B:1.18\%) |

## No double



| Analyzed in 4-ply | No double |
| :---: | :---: |
| Player Winning Chances: | 55.90\% (G:17.13\% B:0.6 |
| Opponent Winning Chances: | 44.10\% (G:10.94\% B : $0.46 \%$ ) |
| Cubeless Equities | +0.175 |
| Cubeful Equities |  |
| $\checkmark$ No double: | +0.312 |
| Double/Take: | +0.168 (-0.144) |
| Double/Pass: | +1.000 (+0.688) |

## Double/Take

55.77\% (G:17.43\% B:0.68\%) 44.23\% (G:11.02\% B:0.47\%) +0.380

## Best Cube action: No double / Take

Percentage of wrong pass needed to make the double decision right: 14.7\%

## 64: 8/2* 6/2



XGID=-aa-B-D-B---dE---d-e----B-:0:0:1:64:0:2:0:9:10 Pip=161-161

| 1. | 3-ply | $8 / 2^{*} 6 / 2$ |
| :--- | :--- | :--- |
|  | Player: | $57.60 \%$ (G:21.18\% B:1.00\%) |
|  | Opponent: | $42.40 \%$ (G:10.38\% B:0.52\%) |
| 2. | 2-ply | $24 / 14$ |
|  | Player: | $54.91 \%$ (G:13.92\% B:0.57\%) |
|  | Opponent: | $45.09 \%$ (G:11.33\% B:0.39\%) |
| 3. | 2-ply | $24 / 1813 / 9$ |
|  | Player: | $54.10 \%$ (G:14.89\% B:0.68\%) |
|  | Opponent: | $45.90 \%$ (G:11.97\% B:0.51\%) |
| 4. | 2-ply | $24 / 2024 / 18$ |
|  | Player: | $53.01 \%$ (G:12.76\% B:0.55\%) |
|  | Opponent: | $46.99 \%$ (G:12.19\% B:0.40\%) |

eq: +0.437
eq: $+0.225(-0.212)$
eq: +0.208 (-0.229)
eq: +0.144 (-0.293)
eq: +0.135 (-0.302)
$\begin{array}{ll}\text { Player: } & 51.52 \% \text { (G:16.17\% B:0.55\%) } \\ \text { Opponent: } & 48.48 \% \text { (G:13.69\% B:0.95\%) }\end{array}$


## Double/Take



XGID=aaB-B-C-A---dE---d-e----B-0:0:0:1:00:0:2:0:9:10 Pip=151-163

Analyzed in 4-ply
Player Winning Chances:
Opponent Winning Chances:
Cubeless Equities
Cubeful Equities No double:
$\checkmark$ Double/Take: Double/Pass:

No double
63.65\% (G:27.40\% B:1.18\%) 36.35\% (G:8.15\% B:0.41\%) +0.464
+0.720 (-0.079)
+0.798
+1.000 (+0.202)

## Double/Take

63.64\% (G:27.53\% B:1.19\%)
36.36\% (G:8.22\% B:0.41\%)
+0.989

Best Cube action: Double / Take
51: 24/23 13/8


21: Bar/24 13/11


XGID=aaB-B-C-B---dD---d-e---AA-:1:-1:-1:21:0:2:0:9:10 Pip=145-163

1. $\sqrt{ }$ 4-ply Bar/24 13/11

Opponent:
2. 4-ply Player: Opponent:
3. 4-ply Player: Opponent:
4. 4-ply Player:

Player: $\quad 37.58 \%$ (G:8.34\% B:0.34\%) Opponent: $\quad 62.94 \%$ (G:24.27\% B:2.30\%)
eq: -0.322
eq: - $0.330(-0.008)$
eq: - $0.353(-0.031)$
eq: -0.378 (-0.056)
38.65\% (G:8.64\% B:0.42\%)
61.35\% (G:25.41\% B:0.86\%) Bar/24 8/6
36.21\% (G:7.97\% B:0.32\%)
$63.79 \%$ (G:21.15\% B:1.44\%)
Bar/24 6/4
$37.06 \%$ (G:7.58\% B:0.29\%)
62.94\% (G:24.27\% B:2.30\%)


XGID=-bB-B-C-B---cDa--d-e---AA-:1:-1:1:54:0:2:0:9:10 Pip=145-160

1. $\begin{aligned} & \text { 3-ply } \\ & \text { Player: }\end{aligned}$

Opponent: $\quad 33.46 \%$ (G:6.45\% B:0.26\%)

## 24/15

60.03\% (G:19.10\% B:1.28\%)
39.97\% (G:9.93\% B:0.37\%)

23/18 13/9
58.52\% (G:20.10\% B:1.67\%)
41.48\% (G:10.65\% B:0.50\%)

13/9 13/8
58.19\% (G:20.71\% B:1.60\%)
41.81\% (G:10.41\% B:0.45\%)

24/20 13/8
$58.09 \%$ (G:19.14\% B:1.46\%)
41.91\% (G:9.96\% B:0.36\%)

## 62: Cannot Move


eq: +0.490
eq: +0.227 (-0.263)
eq: +0.201 (-0.289)
eq: +0.200 (-0.290)
eq: $+0.184(-0.306)$

## 65: $24 / 13$


eq: +0.606
eq: $+0.591(-0.015)$
eq: $+0.575(-0.031)$
eq: +0.557 (-0.049)
eq: +0.542 (-0.064)
eq: -0.616
eq: -0.660 (-0.044)
eq: -0.673 (-0.058)
eq: -0.705 (-0.090)

XGID=-bB-BaC-B--cEA--d-e------:1:-1:1:53:0:2:0:9:10 Pip=125-169

|  | Player: | $69.30 \%$ (G:26.87\% B:2.41\%) |
| :--- | :--- | :--- |
|  | Opponent: | $30.70 \%$ (G:5.47\% B:0.21\%) |
| 2. | 4-ply | $14 / 9$ 8/5* |
|  | Player: | $68.65 \%(\mathrm{G}: 27.38 \% \mathrm{~B}: 2.39 \%)$ |
|  | Opponent: | $31.35 \%(\mathrm{G}: 6.12 \% \mathrm{~B}: 0.26 \%)$ |
| 3. | 4-ply | $14 / 6$ |
|  | Player: | $70.59 \%(\mathrm{G}: 21.72 \% \mathrm{~B}: 1.33 \%)$ |
|  | Opponent: | $29.41 \%(\mathrm{G}: 4.43 \% \mathrm{~B}: 0.17 \%)$ |
| 4. | 4-ply | $14 / 1113 / 8$ |
|  | Player: | $70.06 \%(\mathrm{G}: 20.53 \% \mathrm{~B}: 1.43 \%)$ |
|  | Opponent: | $29.94 \%(\mathrm{G}: 4.51 \% \mathrm{~B}: 0.16 \%)$ |
| 5. | 3-ply | $14 / 913 / 10$ |
|  | Player: | $68.34 \%(\mathrm{G}: 22.10 \% \mathrm{~B}: 1.74 \%)$ |
|  | Opponent: | $31.66 \%(\mathrm{G}: 5.68 \% \mathrm{~B}: 0.21 \%)$ |

33: Bar/22 13/10 8/5(2)



| 1. ${ }^{\text {d }}$ | 4-ply | Bar/22 8/5(2) 6/3 |
| :---: | :---: | :---: |
|  | Player: | 28.66\% (G:4.77\% B:0.18\%) |
|  | Opponent: | 71.34\% (G:25.99\% B:2.50\%) |
| 2. | 4-ply | Bar/22 8/5 6/3(2) |
|  | Player: | 28.56\% (G:4.75\% B:0.19\%) |
|  | Opponent: | 71.44\% (G:26.56\% B:2.57\%) |
| 3.7 | 4-ply | Bar/22 13/10 8/5(2) |
|  | Player: | 27.63\% (G:4.50\% B:0.17\%) |
|  | Opponent: | 72.37\% (G:25.45\% B:2.35\%) |
| 4. | 4-ply | Bar/22 13/10 6/3(2) |
|  | Player: | 26.80\% (G:4.06\% B:0.16\%) |
|  | Opponent: | 73.20\% (G:26.48\% B:2.45\%) |
| 5. | 3-ply | Bar/22 8/5(3) |
|  | Player: | 26.29\% (G:4.10\% B:0.15\%) |
|  | Opponent: | 73.71\% (G:25.10\% B:2.08\%) |

eq: -0.617
eq: - $0.627(-0.010)$
eq: -0.636 (-0.019)
eq: - $0.671(-0.054)$
eq: -0.663 (-0.046)

## 62: 13/5



63: 22/13
eq: +0.684
eq: $+0.472(-0.212)$
eq: +0.355 (-0.329)
eq: +0.333 (-0.351)
eq: $+0.322(-0.362)$
eq: -0.706
eq: - $0.789(-0.083)$
eq: $-0.823(-0.117)$
eq: $-0.824(-0.118)$
eq: -0.833 (-0.127)


54: 13/4



| 1.V | 4-ply | 13/4 |
| :---: | :---: | :---: |
|  | Player: | 19.17\% (G:1.38\% B:0.03\%) |
|  | Opponent: | 80.83\% (G:14.15\% B:0.64\%) |
| 2. | 4-ply | 8/4 8/3 |
|  | Player: | 19.10\% (G:1.48\% B:0.04\%) |
|  | Opponent: | 80.90\% (G:14.50\% B:0.70\%) |
| 3. | 4-ply | 13/9 8/3 |
|  | Player: | 19.07\% (G:1.48\% B:0.04\%) |
|  | Opponent: | 80.93\% (G:14.59\% B:0.71\%) |
| 4. | 4-ply | 13/9 10/5 |
|  | Player: | 18.99\% (G:1.46\% B:0.04\%) |
|  | Opponent: | 81.01\% (G:15.03\% B:0.67\%) |
| 5. | 3-ply | 10/5 8/4 |
|  | Player: Oppone | $18.72 \% \text { (G:1.18\% B:0.04\%) }$ 81.28\% (G:14.36\% B:0.78\%) |

eq: +0.680
eq: +0.667 (-0.013)
eq: +0.658 (-0.023)
eq: +0.607 (-0.073)
eq: +0.585 (-0.096)
eq: -0.714
eq: - $0.719(-0.005)$
eq: - $0.721(-0.007)$
eq: -0.727 (-0.013)
eq: -0.729 (-0.016)44: 13/9(3) 10/6


| XGID=-bB-BBC-B-A-bC-a-b-eba----:1:-1:1:44:0:2:0:9:10 |  |  | Pip=105-144 |
| :---: | :---: | :---: | :---: |
| 1.4. | XG Roller+ | 13/9(2) 13/5 |  |
|  | Player: | 83.68\% (G:17.63\% B:0.85\%) |  |
|  | Opponent: | 16.32\% (G:0.61\% B:0.02\%) |  |
| 2. | XG Roller+ | 13/9(3) 10/6 |  |
|  | Player: | 82.86\% (G:17.03\% B:0.82\%) |  |
|  | Opponent: | 17.14\% (G:0.69\% B:0.02\%) |  |
| 3. | 4-ply | 13/9(3) 8/4 |  |
|  | Player: | 83.33\% (G:16.20\% B:0.92\%) |  |
|  | Opponent: | 16.67\% (G:0.66\% B:0.02\%) |  |
| 4. | 3-ply | 13/9(3) 6/2 |  |
|  | Player: | 80.20\% (G:16.36\% B:0.82\%) |  |
|  | Opponent: | 19.80\% (G:1.16\% B:0.02\%) |  |
| 5. | 3-ply | 13/5 10/6 8/4 |  |
|  | Player: | 77.07\% (G:16.97\% B:0.79\%) |  |
|  | Opponent: | 22.93\% (G:1.94\% B:0.04\%) |  |

eq: +0.825
eq: $+0.798(-0.027)$
eq: +0.802 (-0.023)
eq: +0.726 (-0.098)
eq: +0.655 (-0.170)

43: 8/4 6/3


eq: -0.804
eq: -0.814 (-0.010)
eq: -0.825 (-0.021)
eq: -0.831 (-0.027)
eq: -0.813 (-0.009)

## 31: 9/5




## 62: 13/7 6/4



XGID=-bB-BCD-BB--b--a-a-dbba---:1:-1:-1:62:0:2:0:9:10 Pip=85-137

| 1. ${ }^{\text {d }}$ | 4-ply | 13/7 10/8 |
| :---: | :---: | :---: |
|  | Player: | 15.75\% (G:0.56\% B:0.01\%) |
|  | Opponent: | 84.25\% (G:15.48\% B:0.69\%) |
| 2. | 4-ply | 10/2 |
|  | Player: | 15.23\% (G:0.45\% B:0.00\%) |
|  | Opponent: | 84.77\% (G:15.47\% B:0.67\%) |
| 3.7 | 4-ply | 13/7 6/4 |
|  | Player: | 14.97\% (G:0.43\% B:0.00\%) |
|  | Opponent: | 85.03\% (G:15.27\% B:0.58\%) |
| 4. | 4-ply | 8/2 4/2 |
|  | Player: | 15.00\% (G:0.43\% B:0.00\%) |
|  | Opponent: | 85.00\% (G:15.95\% B:0.68\%) |
| 5. | 3-ply | 13/7 5/3 |
|  | Player: | 15.07\% (G:0.31\% B:0.01\%) |
|  | Opponent: | 84.93\% (G:14.38\% B:0.66\%) |

eq: -0.813
eq: $-0.826(-0.013)$
eq: -0.829 (-0.016)
eq: -0.837 (-0.024)
eq: - $0.819(-0.006)$

## 53: 8/3 6/3



| $1 . \downarrow$ | 3-ply | 8/3 6/3 | eq: +0.918 |
| :---: | :---: | :---: | :---: |
|  | Player: | 88.28\% (G:16.42\% B:0.60\%) |  |
|  | Opponent: | 11.72\% (G:0.29\% B:0.00\%) |  |
| 2. | 3-ply | 9/4 8/5 | eq: +0.821 (-0.098) |
|  | Player: | 84.43\% (G:15.77\% B:0.58\%) |  |
|  | Opponent: | 15.57\% (G:0.42\% B:0.00\%) |  |
| 3. | 2-ply | 9/6 9/4 | eq: +0.722 (-0.196) |
|  | Player: | 81.09\% (G:13.77\% B:0.57\%) |  |
|  | Opponent: | 18.91\% (G:0.35\% B:0.01\%) |  |
| 4. | 2-ply | 9/4 5/2 | eq: +0.687 (-0.232) |
|  | Player: | 79.57\% (G:13.89\% B:0.87\%) |  |
|  | Opponent: | 20.43\% (G:0.80\% B:0.03\%) |  |
| 5. | 2-ply | 8/5 8/3 | eq: +0.566 (-0.352) |
|  | Player: | 73.00\% (G:18.26\% B:1.27\%) |  |
|  | Opponent: | 27.00\% (G:3.09\% B:0.08\%) |  |

## 62: 13/7 10/8


eq: -0.880
eq: -0.899 (-0.019)
eq: -0.909 (-0.029)
eq: -0.909 (-0.029)
eq: $-0.921(-0.041)$


| 1. ${ }^{\text {des }}$ | XG Roller+ | 8/4 6/4 |
| :---: | :---: | :---: |
|  | Player: | 88.10\% (G:14.22\% B:0.48\%) 11.90\% (G:0.20\% B•0.01\%) |
| 2.\} | XG Roller+ | 8/2 |
|  | Player: Opponent: | $\begin{aligned} & 86.42 \% \text { (G:14.38\% B:0.52\%) } \\ & \text { 13.58\% (G:0.18\% B:0.01\%) } \end{aligned}$ |
| 3. | 4-ply | 8/4 5/3 |
|  | Player: | 87.74\% (G:14.28\% B:0.53\%) |
|  | Opponent: | 12.26\% (G:0.21\% B:0.01\%) |
| 4. | 4-ply | 9/5 8/6 |
|  | Player: | 86.47\% (G:16.19\% B:0.59\%) |
|  | Opponent: | 13.53\% (G:0.33\% B:0.01\%) |
| 5. | 3-ply | 9/5 6/4 |
|  | Player: | 84.21\% (G:15.99\% B:0.48\%) |
|  | Opponent: | 15.79\% (G:1.09\% B:0.04\%) |

43: 8/5 7/3


| XGID=-bCBBCC--B-------bbcbca---:1:-1:-1:43:0:2:0:9:10 |  |  | Pip=71-121 | eq: -0.857 |
| :---: | :---: | :---: | :---: | :---: |
| 1. ${ }^{19}$ | 4-ply | 8/4 6/3 |  |  |
|  | Player: Opponent: | $\begin{aligned} & 13.61 \% \text { (G:0.22\% B:0.00\%) } \\ & \text { 86.39\% (G:15.05\% B:0.48\%) } \end{aligned}$ |  |  |
| 2.7 | 4-ply | 8/5 7/3 |  | eq: -0.864 (-0.006) |
|  | Player: Opponent: | $\begin{aligned} & 13.31 \% \text { (G:0.19\% B:0.01\%) } \\ & 86.69 \% \text { (G:14.95\% B:0.48\%) } \end{aligned}$ |  |  |
| 3. | 4-ply | 7/3 6/3 |  | eq: -0.867 (-0.009) |
|  | Player: | 13.41\% (G:0.17\% B:0.00\%) |  |  |
|  | Opponent: | 86.59\% (G:15.44\% B:0.47\%) |  |  |
| 4. | 4-ply | 7/4 7/3 |  | eq: -0.867 (-0.009) |
|  | Player: | 13.20\% (G:0.17\% B:0.00\%) |  |  |
|  | Opponent: | 86.80\% (G:14.92\% B:0.46\%) |  |  |
| 5. | 3-ply | 7/3 4/1 |  | eq: -0.883 (-0.025) |
|  | Player: | 12.96\% (G:0.16\% B:0.01\%) |  |  |
|  | Opponent: | 87.04\% (G:15.76\% B:0.65\%) |  |  |

## 41: 6/2 5/4



XGID=-bCBBCC--B-------aacccb---:1:-1:1:41:0:2:0:9:10 Pip=71-114

| 1. ${ }^{\text {deg }}$ | XG Roller+ | 9/4 |
| :---: | :---: | :---: |
|  | Player: Opponent: | $\begin{aligned} & 88.75 \% \text { (G:15.04\% B:0.53\%) } \\ & \text { 11.25\% (G:0.26\% B:0.01\%) } \end{aligned}$ |
| 2. $\downarrow$ | XG Roller+ | 6/2 5/4 |
|  | Player: Opponent: | 86.12\% (G:10.85\% B:0.30\%) <br> 13.88\% (G:0.25\% B•0.01\%) |
| 3. | 4-ply | 9/8 9/5 |
|  | Player: | 87.09\% (G:14.66\% B:0.55\%) |
|  | Opponent: | 12.91\% (G:0.38\% B:0.02\%) |
| 4. | 3 -ply | 9/5 6/5 |
|  | Player: | 84.91\% (G:13.14\% B:0.39\%) |
|  | Opponent: | 15.09\% (G:0.50\% B:0.02\%) |
| 5. | 2-ply | 9/8 6/2 |
|  | Player: | 82.15\% (G:12.14\% B:0.46\%) |
|  | Opponent: | 17.85\% (G:1.35\% B:0.06\%) |

## 61: 8/2 4/3



eq: -0.812
eq: -0.817 (-0.004)
eq: -0.819 (-0.007)
eq: $-0.819(-0.007)$
eq: -0.821 (-0.008)

## 62: $9 / 34 / 2$



XGID=-bDBCBB--B--------accbca--:1:-1:1:62:0:2:0:9:10 Pip=66-107

| 1.v. | 3-ply | $9 / 3 \mathrm{4} / 2$ |  |
| :---: | :--- | :---: | :---: |
|  | Player: | 81.12\% (G:10.15\% B:0.34\%) |  |
|  | Opponent: | $18.88 \%(\mathrm{G}: 0.57 \% \mathrm{~B}: 0.02 \%)$ |  |
| 2. | 2-ply | $9 / 7 \mathrm{9} / 3$ |  |
|  | Player: | $68.99 \%(\mathrm{G}: 10.28 \% \mathrm{~B}: 0.35 \%)$ |  |
|  | Opponent: | $31.01 \%(\mathrm{G}: 1.94 \% \mathrm{~B}: 0.05 \%)$ |  |
| 3. | 1-ply | $9 / 36 / 4$ |  |

51: 6/1 3/2


XGID=-bECBBB--A--------accbca--:1:-1:-1:51:0:2:0:9:10 Pip=58-107

|  | 4-ply | 6/1 3/2 |
| :---: | :---: | :---: |
|  | Player: | 17.96\% (G:0.01\% B:0.00\%) |
|  | Opponent: | 82.04\% (G:10.35\% B:0.30\%) |
| 2. | 4-ply | 7/2 3/2 |
|  | Player: | 17.03\% (G:0.01\% B:0.00\%) |
|  | Opponent: | 82.97\% (G:9.63\% B:0.29\%) |
| 3. | 4-ply | 7/2 5/4 |
|  | Player: | 16.86\% (G:0.01\% B:0.00\%) |
|  | Opponent: | 83.14\% (G:9.76\% B:0.29\%) |
| 4. | 4-ply | 7/1 |
|  | Player: | 16.47\% (G:0.01\% B:0.00\%) |
|  | Opponent: | 83.53\% (G:9.83\% B:0.28\%) |
| 5. | 3-ply | 6/1 5/4 |
|  | Player: | 17.22\% (G:0.05\% B:0.00\%) |
|  | Opponent: | 82.78\% (G:11.30\% B:0.39\%) |

eq: -0.709
eq: - $0.718(-0.009)$
eq: - $0.723(-0.014)$
eq: -0.732 (-0.023)
eq: -0.733 (-0.024)

## 66: 9/3 6/Off(2) 5/Off



XGID=-bECBBB--A--------abcbbba-:1:-1:1:66:0:2:0:9:10 Pip=58-101 $\begin{array}{lc}\text { 1. } \sqrt{\text { 3-ply }} & \text { 9/3 6/Off(2) 5/Off } \\ \text { Player: } & 66.49 \%(\text { G:14.82\% B:0.58\%) } \\ \text { Opponent: } & 33.51 \%(G: 0.00 \% \text { B:0.00\%) }\end{array}$ Opponent: $\quad 33.51 \%$ (G:0.00\% B:0.00\%)

52: 24/17


| XGID=-bED | DBA------------ | bba-:1:-1:-1:52:0:2:0:9:10 | Pip $=35-101$ |
| :---: | :---: | :---: | :---: |
| $1 . \sqrt{\text { a }}$ | 4-ply | 24/17 |  |
|  | Player: | 10.76\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 89.24\% (G:17.66\% B:0.39\%) |  |
| 2. | 4-ply | 24/19 7/5 |  |
|  | Player: | 10.28\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 89.72\% (G:18.52\% B:0.41\%) |  |
| 3. | 4-ply | 24/19 5/3 |  |
|  | Player: | 10.81\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 89.19\% (G:22.01\% B:0.54\%) |  |
| 4. | 4-ply | 7/2 5/3 |  |
|  | Player: | 13.63\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 86.37\% (G:27.69\% B:1.35\%) |  |
| 5. | 3-ply | 24/19 3/1 |  |
|  | Player: | 10.32\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 89.68\% (G:22.18\% B:0.72\%) |  |

eq: -0.950
eq: -0.972 (-0.022)
eq: -1.000 (-0.050)
eq: -1.007 (-0.057)
eq: -1.019 (-0.069)

## 41: 5/1* 2/1



XGID=-aEDBA--a---------abcbbba-:1:-1:1:41:0:2:0:9:10 Pip=35-94

| 1.V | 4-ply | 5/1* 2/1 | eq: +1.233 |
| :---: | :---: | :---: | :---: |
|  | Player: | 99.74\% (G:21.21\% B:0.07\%) |  |
|  | Opponent: | 0.26\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply | 4/Off 3/2 | eq: -0.118 (-1.351) |
|  | Player: | 46.81\% (G:5.43\% B:0.20\%) |  |
|  | Opponent: | 53.19\% (G:0.00\% B:0.00\%) |  |
| 3. | 3-ply | 5/1* 1/Off | eq: +1.125 (-0.108) |
|  | Player: | 96.45\% (G:18.20\% B:0.23\%) |  |
|  | Opponent: | 3.55\% (G:0.00\% B:0.00\%) |  |
| 4. | 2-ply | 5/Off | eq: +0.992 (-0.241) |
|  | Player: | 93.51\% (G:12.17\% B:0.41\%) |  |
|  | Opponent: | 6.49\% (G:0.00\% B:0.00\%) |  |
| 5. | 1-ply | 5/1* 3/2 | eq: +0.395 (-0.837) |
|  | Player: | 67.85\% (G:12.19\% B:0.12\%) |  |
|  | Opponent: | 32.15\% (G:0.00\% B:0.00\%) |  |

## 44: Cannot Move


eq: -1.383

42: 4/2 4/Off


XGID=aBDDB---a---------abcbbba-:1:-1:1:42:0:2:0:9:10 Pip=30-95

| 1.v | 3-ply | 4/2 4/Off |
| :---: | :---: | :---: |
|  | Player: | 99.84\% (G:23.82\% B:0.03\%) |
|  | Opponent: | 0.16\% (G:0.00\% B:0.00\%) |
| 2. | 1-ply | 4/Off 2/Off |
|  | Player: | 78.19\% (G:30.47\% B:0.12\%) |
|  | Opponent: | 21.81\% (G:0.00\% B:0.00\%) |
| 3. | 1-ply | 4/Off 3/1 |
|  | Player: | 75.82\% (G:20.09\% B:0.04\%) |
|  | Opponent: | 24.18\% (G:0.00\% B:0.00\%) |

52: Bar/18


XGID=aBED
$1 . \checkmark$ 4-ply

## Player:

 Opponent:2. 4-ply

Player: Opponent:
3. 4-ply Player: Opponent:
4. 3 -ply Player:
Opponent:
5. 3-ply Player: Opponent:

Bar/18
0.00\% (G:0.00\% B:0.00\%) 100.00\% (G:18.67\% B:0.00\%)

Bar/20 17/15
0.00\% (G:0.00\% B:0.00\%) 100.00\% (G:18.71\% B:0.00\%) Bar/20 7/5
0.00\% (G:0.00\% B:0.00\%)
100.00\% (G:20.73\% B:0.00\%)

Bar/20 3/1
0.02\% (G:0.00\% B:0.00\%)
99.98\% (G:25.94\% B:0.00\%)

Bar/20 5/3
0.02\% (G:0.00\% B:0.00\%)
99.98\% (G:25.94\% B:0.00\%)

Pip $=24-95$
eq: -1.209
eq: -1.210 (0.000)
eq: -1.232 (-0.023)
eq: $-1.290(-0.081)$
eq: $-1.290(-0.081)$

## 63: 3/Off(2)



31: 17/14 7/6

eq: +1.167
eq: -1.293
eq: $-1.295(-0.002)$
eq: -1.329 (-0.036)
eq: -1.330 (-0.037)
eq: -1.379 (-0.086)

43: 3/Off(2)


31: 14/10

1.V 4-ply

14/10
0.00\% (G:0.00\% B:0.00\%)
100.00\% (G:39.53\% B:0.00\%)

$$
18 / 17 \text { 14/11 }
$$

0.00\% (G:0.00\% B:0.00\%)
100.00\% (G:39.98\% B:0.00\%)

18/15 14/13
0.00\% (G:0.00\% B:0.00\%)
100.00\% (G:40.91\% B:0.00\%)

18/14
0.02\% (G:0.00\% B:0.00\%) 99.98\% (G:41.32\% B:0.00\%) 14/113/2
0.00\% (G:0.00\% B:0.00\%)
100.00\% (G:44.84\% B:0.00\%)
eq: +1.237
eq: -1.443
eq: $-1.448(-0.005)$
eq: -1.459 (-0.015)
eq: -1.463 (-0.019)
eq: -1.503 (-0.060)

## 32: 2/Off(2)



43: 18/15 10/6


XGID=-BC----a----------ccbbba-:1:-1:-1:43:0:2:0:9:10 Pip=8-80
eq: -1.361
eq: $-1.386(-0.025)$
eq: -1.395 (-0.034)
eq: $-1.596(-0.235)$
eq: -1.597 (-0.236)

## 42: 2/Off(2)



62: 15/7

eq: +1.250
eq: -1.187
eq: $-1.239(-0.052)$
eq: -1.239 (-0.052)
eq: -1.239 (-0.052)
eq: -1.240 (-0.053)

## 54: 2/Off 1/Off



43: 7/Off

eq: +1.000
eq: -1.000
eq: -2.121 (-1.121)
eq: $-2.121(-1.121)$
eq: -2.121 (-1.121)
eq: -2.121 (-1.121)

## 32: 1/Off



Wins a Single Game 2pts.
Game Summary:

| Thorleif $\bigcirc$ | Category | Rune F |
| :---: | :---: | :---: |
| Expert (-0.0105) | Total Error | World Champ. (-0.0021) |
| Expert (-0.0118) | Checker Play | World Champ. (-0.0022) |
| World Champ. (+0.0000) | Cube Play | World Champ. (+0.0000) |
| 5.26 | Performance Rating | 1.03 |
| $3(1)$ | Move Errors | 0 |
| $-0.189(-2.14 \%)$ | Equity lost (cost) | $-0.041(-0.47 \%)$ |
| 0 |  |  |
| +0.000 | Double Errors | 0 |
| 0 | Equity lost (cost) | +0.000 |
| +0.000 | Take Errors | 0 |
| $3(1)$ | Equity lost (cost) | +0.000 |
| $-0.189(-2.14 \%)$ | Total Error | 0 |
| 2 | Equity lost (cost) | $-0.041(-0.47 \%)$ |
| $+1.500(+12.74 \%)$ | Jokers | 1 |
|  | Luck | $-1.500(-12.74 \%)$ |

## Game 3

9 point match, Score is Thorleif: 2, Rune F: 2

53: 8/3 6/3


61: 13/7 8/7


eq: -0.046
eq: -0.270 (-0.224)
eq: -0.271 (-0.225)

|  | Player: | $44.78 \%$ (G:9.97\% B:0.43\%) |
| :--- | :--- | :--- |
|  | Opponent: | $55.22 \%$ (G:19.51\% B:0.63\%) |
| 4. | 2-ply | $24 / 2313 / 7$ |
|  | Player: | $44.05 \%$ (G:10.95\% B:0.42\%) |
|  | Opponent: | $55.95 \%$ (G:18.56\% B:1.04\%) |
| 5. | 2-ply | $13 / 76 / 5$ |
|  | Player: | $44.13 \%$ (G:10.57\% B:0.36\%) |
|  | Opponent: | $55.87 \%$ (G:20.04\% B:1.83\%) |

## 62: 24/16



1. $\sqrt{3}$-ply
Player: Opponent:
2. 3-ply
Player: Opponent:
3. 3-ply
Player: Opponent:
4. 3-ply Player: Opponent:
5. 2-ply Player: Opponent:

24/16
49.77\% (G:12.87\% B:0.66\%) $50.23 \%$ (G:13.98\% B:0.53\%) 13/5
46.94\% (G:14.13\% B:0.76\%) $53.06 \%$ (G:14.76\% B:0.82\%) 24/22 13/7 46.83\% (G:13.59\% B:0.71\%) 53.17\% (G:14.98\% B:0.71\%)

$$
13 / 1113 / 7
$$

$$
46.38 \% \text { (G:14.38\% B:0.87\%) }
$$ 53.62\% (G:15.74\% B:1.03\%)

13/7 6/4
44.06\% (G:12.47\% B:0.55\%) 55.94\% (G:16.60\% B:1.18\%)
$P i p=159-160$


53: 24/21 13/8


XGID=-b-B--D-B---dE--Abbe----A-:0:0:-1:53:2:2:0:9:10 Pip=151-160

1. $\sqrt{ }$ 4-ply

24/21 13/8
Player: $\quad 47.48 \%$ (G:11.90\% B:0.47\%) Opponent: $\quad 52.52 \%$ (G:13.82\% B:0.52\%)

$$
8 / 36 / 3
$$

45.85\% (G:14.15\% B:0.45\%) 54.15\% (G:14.34\% B:0.86\%)

24/21 6/1*
44.21\% (G:11.18\% B:0.34\%) $55.79 \%$ (G:14.50\% B:0.67\%) 24/16
eq: $-0.277(-0.231)$
eq: -0.305 (-0.260)
eq: -0.020
eq: $-0.104(-0.085)$
eq: -0.115 (-0.095)
eq: -0.131 (-0.112)
eq: $-0.236(-0.216)$
eq: -0.102
eq: - $0.132(-0.030)$
eq: $-0.224(-0.122)$
eq: $-0.235(-0.132)$

|  | Player: | $44.62 \%$ (G:9.70\% B:0.35\%) |
| :--- | :--- | :--- |
|  | Opponent: | $55.38 \%$ (G:15.18\% B:0.57\%) |
| 5. | 3-ply | $13 / 5$ |
|  | Player: | $43.88 \%$ (G:11.97\% B:0.40\%) |
|  | Opponent: | $56.12 \%$ (G:15.10\% B:0.92\%) |

## 53: 24/16



| 1.V | 3 -ply | 24/16 |
| :---: | :---: | :---: |
|  | Player: | 56.01\% (G:8.90\% B:0.32\%) |
|  | Opponent: | 43.99\% (G:8.10\% B:0.16\%) |
| 2. | 2-ply | 16/8 |
|  | Player: | 49.58\% (G:10.14\% B:0.29\%) |
|  | Opponent: | 50.42\% (G:11.59\% B:0.32\%) |
| 3. | 2-ply | 24/21 13/8 |
|  | Player: | 49.78\% (G:10.59\% B:0.39\%) |
|  | Opponent: | 50.22\% (G:13.40\% B:0.42\%) |
| 4. | 2-ply | 24/21 16/11 |
|  | Player: | 49.19\% (G:10.01\% B:0.34\%) |
|  | Opponent: | 50.81\% (G:12.83\% B:0.38\%) |
| 5. | 2-ply | 16/11 13/10 |
|  | Player: | 45.76\% (G:11.00\% B:0.38\%) |
|  | Opponent: | $54.24 \%$ (G:14.39\% B:0.63\%) |

eq: +0.191
eq: - $0.030(-0.221)$
eq: -0.040 (-0.231)
eq: -0.058 (-0.249)
eq: -0.171 (-0.362)

## 52: $13 / 8$ 6/4



[^1]eq: -0.339
eq: -0.343 (-0.004)
eq: -0.386 (-0.047)
eq: -0.393 (-0.054)
eq: - $0.406(-0.067)$

Player:
39.54\% (G:9.61\% B:0.24\%)

Opponent: $\quad 60.46 \%$ (G:16.38\% B:0.78\%)


Best Cube action: No double / Take
Percentage of wrong pass needed to make the double decision right: 16.1\%
Double/Take
59.04\% (G:13.60\% B:0.53\%)
40.96\% (G:8.87\% B:0.23\%)
$+0.474$
66: 16/10(2) 13/7(2)


| XGID=-a-Ba-D-B---bE--Bdbd-a----:0:0:1:66:2:2:0:9:10 |  |  | Pip $=143-145$ |
| :---: | :---: | :---: | :---: |
| 1.0.8 | XG Roller+ | 16/4*(2) |  |
|  | Player: | 75.83\% (G:22.17\% B:0.69\%) |  |
|  | Opponent: | 24.17\% (G:3.34\% B:0.11\%) |  |
| 2.7 | XG Roller+ | 16/10(2) 13/7(2) |  |
|  | Player: | 75.46\% (G:13.08\% B:0.34\%) |  |
|  | Opponent: | 24.54\% (G:2.59\% B:0.06\%) |  |
| 3. | 2-ply | 16/10(2) 8/2(2) |  |
|  | Player: | 67.16\% (G:14.07\% B:0.32\%) |  |
|  | Opponent: | 32.84\% (G:5.08\% B:0.13\%) |  |
| 4. | 2-ply | 13/1*(2) |  |
|  | Player: | 65.50\% (G:22.36\% B:0.41\%) |  |
|  | Opponent: | 34.50\% (G:6.55\% B:0.17\%) |  |
| 5. | 1-ply | 13/7(2) 8/2(2) |  |
|  | Player: | 66.10\% (G:16.91\% B:0.45\%) |  |
|  | Opponent: | 33.90\% (G:6.25\% B:0.10\%) |  |

63: 24/21 8/2


XGID=-a-Ba-DBB-B-bC---dbd-a----:0:0:-1:63:2:2:0:9:10 Pip=119-145


Player: $\quad 26.94 \%$ (G:1.71\% B:0.07\%) Opponent: $\quad 73.06 \%$ (G:3.06\% B:0.05\%)
2. 4-ply

Player: Opponent
3. 2-ply

Player:
Opponent:
. 2-ply Player:
Opponent:
5. 2-ply

Player:
Opponent:

24/21 7/1
26.01\% (G:1.88\% B:0.05\%)
$73.99 \%$ (G:3.95\% B:0.10\%)
24/21 13/7
24.09\% (G:1.44\% B:0.05\%)
$75.91 \%$ (G:4.65\% B:0.08\%) 13/4
22.64\% (G:3.14\% B:0.06\%)
77.36\% (G:23.02\% B:0.92\%) 8/2 7/4
22.10\% (G:3.36\% B:0.07\%)
77.90\% (G:23.70\% B:0.82\%)

## Double/Take


eq: -0.774
eq: $-0.834(-0.060)$
eq: -0.948 (-0.174)
eq: -1.000 (-0.226)
eq: $-1.000(-0.226)$

## Double/Take

73.06\% (G:3.06\% B:0.05\%) 26.94\% (G:1.71\% B:0.07\%) $+0.960$

64: 13/7 6/2


## 52: 7/2 6/4




| 1. ${ }^{\text {d }}$ | 4-ply | 8/3 6/4 |
| :---: | :---: | :---: |
|  | Player: | 26.77\% (G:1.86\% B:0.05\%) |
|  | Opponent: | 73.23\% (G:2.96\% B:0.06\%) |
| $2 . \sqrt{ }$ | 4-ply | 7/2 6/4 |
|  | Player: | 26.46\% (G:1.84\% B:0.04\%) |
|  | Opponent: | 73.54\% (G:2.88\% B:0.04\%) |
| 3. | 4-ply | 7/5 7/2 |
|  | Player: | 25.69\% (G:1.79\% B:0.04\%) |
|  | Opponent: | 74.31\% (G:3.13\% B:0.05\%) |
| 4. | 4-ply | 8/3 4/2 |
|  | Player: | 25.74\% (G:1.80\% B:0.04\%) |
|  | Opponent: | 74.26\% (G:3.53\% B:0.06\%) |
| 5. | 3-ply | 8/3 7/5 |
|  | Player: | 25.34\% (G:1.40\% B:0.02\%) |
|  | Opponent: | 74.66\% (G:2.67\% B:0.06\%) |

eq: -0.385
eq: -0.392 (-0.007)
eq: -0.413 (-0.027)
eq: - $0.415(-0.030)$
eq: $-0.420(-0.035)$


| 1.4.8 | XG Roller+ | 13/11 13/10 |
| :---: | :---: | :---: |
|  | Player: | 71.94\% (G:3.52\% B:0.10\%) |
|  | Opponent: | 28.06\% (G:2.27\% B:0.04\%) |
| $2 . \sqrt{ }$ | XG Roller+ | 7/2 |
|  | Player: | 69.97\% (G:3.29\% B:0.13\%) |
|  | Opponent: | 30.03\% (G:2.34\% B:0.03\%) |
| 3. | 4-ply | 10/8 10/7 |
|  | Player: | 71.29\% (G:2.52\% B:0.05\%) |
|  | Opponent: | 28.71\% (G:1.51\% B:0.02\%) |
| 4. | 3-ply | 6/1 |
|  | Player: | 69.23\% (G:2.97\% B:0.03\%) |
|  | Opponent: | 30.77\% (G:2.89\% B:0.06\%) |
| 5. | 3-ply | 8/5 7/5 |
|  | Player: | 66.95\% (G:7.89\% B:0.28\%) |
|  | Opponent: | 33.05\% (G:5.56\% B:0.18\%) |

## 54: 8/3 7/3



eq: -0.284
eq: -0.323 (-0.039)
eq: $-0.365(-0.081)$
eq: -0.368 (-0.084)
eq: $-0.369(-0.085)$

## 64: 7/3 7/1



XGID=--BBb-CBB-B-bB---b-c-bbb--:1:-1:1:64:2:2:0:9:10 Pip=104-120

| 1.7 | 4-ply | 7/3 7/1 | eq: +0.104 |
| :---: | :---: | :---: | :---: |
|  | Player: | 61.93\% (G:4.31\% B:0.12\%) |  |
|  | Opponent: | 38.07\% (G:5.09\% B:0.08\%) |  |
| 2. | 4-ply | 13/3 | eq: +0.059 (-0.045) |
|  | Player: | 60.35\% (G:4.28\% B:0.14\%) |  |
|  | Opponent: | 39.65\% (G:5.53\% B:0.11\%) |  |
| 3. | 4-ply | 13/9 13/7 | eq: +0.051 (-0.053) |
|  | Player: | 60.07\% (G:4.89\% B:0.15\%) |  |
|  | Opponent: | 39.93\% (G:5.94\% B:0.12\%) |  |
| 4. | 3-ply | 13/7 6/2 | eq: +0.009 (-0.095) |
|  | Player: | 59.05\% (G:3.79\% B:0.11\%) |  |
|  | Opponent: | 40.95\% (G:6.51\% B:0.10\%) |  |
| 5. | 1-ply | 8/2 6/2 | eq: -0.221 (-0.325) |
|  | Player: | 51.02\% (G:4.72\% B:0.06\%) |  |
|  | Opponent: | 48.98\% (G:12.86\% B:0.19\%) |  |

## 52: 13/11 13/8




| 1. ${ }^{\text {d }}$ | XG Roller | 8/1 |
| :---: | :---: | :---: |
|  | Player: | 37.40\% (G:5.56\% B:0.12 |
|  | Opponent: | 62.60\% (G:6.51\% B:0.32\%) |
| $2 . \sqrt{ }$ | XG Roller+ | 13/11 13/8 |
|  | Player: | 33.86\% (G:2.99\% B:0.06\%) |
|  | Opponent: | 66.14\% (G:2.64\% B:0.05\%) |
| 3. | 4-ply | 8/6 8/3 |
|  | Player: | 35.61\% (G:3.82\% B:0.05\%) |
|  | Opponent: | 64.39\% (G:3.65\% B:0.05\%) |
| 4. | 4-ply | 6/1 3/1 |
|  | Player: | 35.64\% (G:4.10\% B:0.03\%) |
|  | Opponent: | 64.36\% (G:4.82\% B:0.10\%) |
| 5. | 4-ply | 13/6 |
|  | Player: | 34.61\% (G:4.25\% B:0.07\%) |
|  | Opponent: | 65.39\% (G:4.57\% B:0.06\%) |

eq: -0.142
eq: $-0.213(-0.071)$
eq: -0.163 (-0.021)
eq: -0.171 (-0.029)
eq: -0.192 (-0.050)

43: 13/6


XGID=-ABCb-C-B-B--Ba--c-c-bbb--:1:-1:1:43:2:2:0:9:10 $\quad$ Pip=94-113


## 61: 11/5 6/5




| 1. | 4-ply | $11 / 56 / 5$ |  |
| :---: | :--- | :---: | :---: |
|  | Player: | $33.25 \%(\mathrm{G}: 2.20 \% \mathrm{~B}: 0.02 \%)$ |  |
|  | Opponent: | $66.75 \%(\mathrm{G}: 1.56 \% \mathrm{~B}: 0.01 \%)$ |  |
| 2. | 4-ply | $11 / 5 \mathrm{~B} / 7$ |  |
|  | Player: | $32.29 \%(\mathrm{G}: 2.21 \% \mathrm{~B}: 0.02 \%)$ |  |
|  | Opponent: | $67.71 \%(\mathrm{G}: 2.12 \% \mathrm{~B}: 0.03 \%)$ |  |
| 3. | 4-ply | $8 / 26 / 5$ |  |
|  | Player: | $31.68 \%(\mathrm{G}: 1.99 \% \mathrm{~B}: 0.02 \%)$ |  |
|  | Opponent: | $68.32 \%(\mathrm{G}: 2.26 \% \mathrm{~B}: 0.03 \%)$ |  |
| 4. | 4-ply | $8 / 7 \mathrm{~B} / 2$ |  |
|  | Player: | $30.98 \%(\mathrm{G}: 1.84 \% \mathrm{~B}: 0.02 \%)$ |  |
|  | Opponent: | $69.03 \%(\mathrm{G}: 2.24 \% \mathrm{~B}: 0.03 \%)$ |  |
| 5. | 3-ply | $8 / 1$ |  |
|  | Player: | $30.88 \%(\mathrm{G}: 1.90 \% \mathrm{~B}: 0.02 \%)$ |  |
|  | Opponent: | $69.12 \%(\mathrm{G}: 2.46 \% \mathrm{~B}: 0.05 \%)$ |  |

eq: -0.220
eq: - $0.247(-0.027)$
eq: - $0.261(-0.041)$
eq: -0.277 (-0.057)
eq: -0.282 (-0.062)


XGID=-ABCb-D-B-B--A---c-bbbbb--:1:-1:1:32:2:2:0:9:10 Pip=87-106

| $1 . \checkmark$ | 4-ply | 13/8 | eq: +0.272 |
| :---: | :---: | :---: | :---: |
|  | Player: | 68.92\% (G:1.38\% B:0.02\%) |  |
|  | Opponent: | 31.08\% (G:1.49\% B:0.01\%) |  |
| 2.85 | 4-ply | 13/10 3/1 | eq: +0.271 (-0.001) |
|  | Player: | 68.72\% (G:1.49\% B:0.02\%) |  |
|  | Opponent: | 31.28\% (G:1.49\% B:0.01\%) |  |
| 3. | 2-ply | 6/1 | eq: +0.067 (-0.205) |
|  | Player: | 60.46\% (G:1.86\% B:0.02\%) |  |
|  | Opponent: | 39.54\% (G:3.64\% B:0.04\%) |  |
| 4. | 1-ply | 13/11 6/3 | eq: -0.052 (-0.325) |
|  | Player: | 56.56\% (G:2.02\% B:0.01\%) |  |
|  | Opponent: | 43.44\% (G:5.87\% B:0.12\%) |  |
| 5. | 1-ply | 13/10 8/6 | eq: -0.293 (-0.565) |
|  | Player: | 47.30\% (G:2.47\% B:0.02\%) |  |
|  | Opponent: | 52.70\% (G:8.76\% B:0.13\%) |  |

53: 8/5 8/3


| $1 . \sqrt{ }$ | 4-ply | 8/5 8/3 |
| :---: | :---: | :---: |
|  | Player: | 31.52\% (G:1.75\% B:0.01\%) |
|  | Opponent: | 68.48\% (G:1.52\% B:0.01\%) |
| 2. | 4-ply | 8/5 6/1 |
|  | Player: | 30.84\% (G:1.54\% B:0.01\%) |
|  | Opponent: | 69.16\% (G:1.82\% B:0.02\%) |
| 3. | 4-ply | 8/3 4/1 |
|  | Player: | 30.25\% (G:1.53\% B:0.01\%) |
|  | Opponent: | 69.75\% (G:2.03\% B:0.02\%) |
| 4. | 4-ply | 6/1 4/1 |
|  | Player: | 29.46\% (G:1.36\% B:0.01\%) |
|  | Opponent: | 70.54\% (G:2.33\% B:0.03\%) |
| 5. | 3-ply | 8/3 5/2 |
|  | Player: | 28.60\% (G:1.24\% B:0.01\%) |
|  | Opponent: | 71.40\% (G:2.02\% B:0.04\%) |

eq: -0.260
eq: -0.281 (-0.021)
eq: -0.297 (-0.037)
eq: -0.321 (-0.060)
eq: -0.339 (-0.079)

## 55: 10/5(2) 8/3 6/1



XGID=-ABCb-D-C-B------a-bcbcb--:1:-1:1:55:2:2:0:9:10 Pip=82-98

| $1 . \checkmark$ | 3-ply | 10/5(2) 8/3 6/1 |
| :---: | :---: | :---: |
|  | Player: | 82.64\% (G:1.89\% B:0.01\%) |
| 2. | Opponent: | 17.36\% (G:0.56\% B:0.00\%) |
|  | 3-ply | 10/5(2) 6/1(2) |
|  | Player: | 78.39\% (G:1.62\% B:0.00\%) |
| 3. | Opponent: | 21.61\% (G:0.73\% B:0.00\%) |
|  | 1-ply | 8/3(3) 6/1 |
|  | Player: | 63.51\% (G:1.31\% B:0.01\%) |
| 4. | Opponent: | 36.49\% (G:2.27\% B:0.01\%) |
|  | 1-ply | 10/5(2) 8/3(2) |
|  | Player: | 61.77\% (G:1.85\% B:0.01\%) |
| 5. | Opponent: | 38.23\% (G:2.26\% B:0.03\%) |
|  | 1-ply | 6/1(4) |
|  | Player: | 54.66\% (G:1.00\% B:0.00\%) |
|  | Opponent: | 45.34\% (G:4.65\% B:0.01\%) |

## 51: 8/2




| 1.V | 4-ply | 8/2 |
| :---: | :---: | :---: |
|  | Player: | 17.03\% (G:0.58\% B:0.01\%) |
|  | Opponent: | 82.97\% (G:1.91\% B:0.01\%) |
| 2. | 4-ply | 8/3 5/4 |
|  | Player: | 16.59\% (G:0.55\% B:0.01\%) |
|  | Opponent: | 83.41\% (G:1.97\% B:0.01\%) |
| 3. | 4-ply | 8/3 2/1 |
|  | Player: | 15.47\% (G:0.55\% B:0.01\%) |
|  | Opponent: | 84.53\% (G:2.64\% B:0.02\%) |
| 4. | 4-ply | 8/7 6/1 |
|  | Player: | 14.81\% (G:0.38\% B:0.00\%) |
|  | Opponent: | 85.19\% (G:2.85\% B:0.03\%) |
| 5. | 3-ply | 6/1 3/2 |
|  | Player: | 14.64\% (G:0.47\% B:0.01\%) |
|  | Opponent: | 85.36\% (G:3.40\% B:0.04\%) |

eq: -0.623
eq: -0.632 (-0.009)
eq: - $0.660(-0.037)$
eq: -0.678 (-0.055)
eq: -0.687 (-0.064)54: 8/3 6/2


XGID=-BBDbBC-B----------bcbcc--:1:-1:1:54:2:2:0:9:10 Pip=62-92

| $1 . \sqrt{ }$ | 4-ply | 8/3 6/2 |
| :---: | :---: | :---: |
|  | Player: | 60.09\% (G:1.14\% B:0.01\%) |
|  | Opponent: | 39.91\% (G:2.24\% B:0.07\%) |
| 2. | 4-ply | 6/2 6/1 |
|  | Player: | 56.98\% (G:0.98\% B:0.00\%) |
|  | Opponent: | 43.02\% (G:3.45\% B:0.10\%) |
| 3. | 3-ply | 6/1 5/1 |
|  | Player: | 56.27\% (G:1.03\% B:0.01\%) |
|  | Opponent: | 43.73\% (G:3.93\% B:0.08\%) |
| 4. | 1-ply | 8/3 5/1 |
|  | Player: | 42.37\% (G:1.31\% B:0.01\%) |
|  | Opponent: | 57.63\% (G:9.74\% B:0.17\%) |

42: 21/17* $17 / 15$


XGID=-BCEbBB-A----------bcbcc--:1:-1:-1:42:2:2:0:9:10 Pip=53-92

1. 4-ply 21/17* 17/15

Player: $\quad 86.32 \%$ (G:6.08\% B:0.14\%) Opponent: $\quad 13.68 \%$ (G:0.67\% B:0.01\%)
4-ply 21/17* 5/3
Player: $\quad 82.14 \%$ (G:5.64\% B:0.12\%)
Opponent: $\quad 17.86 \%$ (G:0.78\% B:0.02\%)
3. 3-ply

Player:
Opponent:
4. 1-ply Player: Opponent:
5. 1-ply Player:
82.03\% (G:6.52\% B:0.23\%)
17.97\% (G:5.00\% B:0.05\%) 21/17* 4/2
eq: +0.939
eq: $+0.922(-0.017)$
eq: $+0.842(-0.096)$
eq: +0.099 (-0.839)
eq: +0.041 (-0.898)

41: Bar/24 6/2

eq: -1.050
eq: - $1.074(-0.024)$


XGID=-BDEaBA---a--------bcbccA-:1:-1:-1:00:2:2:0:9:10 Pip=65-86

## Analyzed in 4-ply

Player Winning Chances:
Opponent Winning Chances: Cubeless Equities
Cubeful Equities
$\checkmark$ No redouble:
Redouble/Take:
Redouble/Pass: $\quad+1.000(-0.050)$
Best Cube action: Too good to redouble / Pass
Percentage of wrong take needed to make the double decision right: 6.3\%

## Redouble/Take

87.05\% (G:20.31\% B:0.61\%)
12.95\% (G:1.16\% B:0.01\%)
+1.897
-41: 5/1*2/1


XGID=-BDEaBA---a--------bcbccA-:1:-1:-1:41:2:2:0:9:10 Pip=65-86

| $1 . \checkmark$ | 3-ply | 5/1* 2/1 | eq: +1.251 |
| :---: | :---: | :---: | :---: |
|  | Player: | 97.59\% (G:24.87\% B:0.76\%) |  |
|  | Opponent: | 2.41\% (G:0.02\% B:0.00\%) |  |
| 2. | 2-ply | 15/11 2/1* | eq: +0.983 (-0.268) |
|  | Player: | 84.83\% (G:18.77\% B:0.47\%) |  |
|  | Opponent: | 15.17\% (G:2.83\% B:0.04\%) |  |
| 3. | 2-ply | 15/14 5/1* | eq: +0.927 (-0.324) |
|  | Player: | 83.04\% (G:15.84\% B:0.39\%) |  |
|  | Opponent: | 16.96\% (G:3.23\% B:0.05\%) |  |
| 4. | 2-ply | 21/17 2/1* | eq: +0.893 (-0.358) |
|  | Player: | 85.04\% (G:6.22\% B:0.13\%) |  |
|  | Opponent: | 14.96\% (G:2.68\% B:0.04\%) |  |
| 5. | 2-ply | 5/1* 3/2 | eq: +0.871 (-0.380) |
|  | Player: | 80.49\% (G:14.47\% B:0.32\%) |  |
|  | Opponent: | 19.51\% (G:3.38\% B:0.05\%) |  |

## 61: Cannot Move




XGID=-BDEaBA---a--------bbbcbbA:1:-1:-1:31:2:2:0:9:10 Pip=66-81

| 1.4.9 | 4-ply | 15/12 3/2 |
| :---: | :---: | :---: |
|  | Player: | 97.30\% (G:22.53\% B:0.62\%) |
|  | Opponent: | 2.70\% (G:0.01\% B:0.00\%) |
| $2 . \sqrt{7}$ | 4-ply | 15/11 |
|  | Player: | 97.53\% (G:22.11\% B:0.63\%) |
|  | Opponent: | 2.47\% (G:0.01\% B:0.00\%) |
| 3. | 2-ply | 21/17 |
|  | Player: | 97.63\% (G:3.56\% B:0.15\%) |
|  | Opponent: | 2.37\% (G:0.02\% B:0.00\%) |
| 4. | 2-ply | 21/18 15/14 |
|  | Player: | 97.63\% (G:3.56\% B:0.15\%) |
|  | Opponent: | 2.37\% (G:0.02\% B:0.00\%) |
| 5. | 2-ply | 21/18 3/2 |
|  | Player: | 97.45\% (G:3.39\% B:0.16\%) |
|  | Opponent: | 2.55\% (G:0.02\% B:0.00\%) |

eq: +1.221
eq: +1.220 (-0.001)
eq: +1.023 (-0.198)
eq: +1.023 (-0.198)
eq: +1.020 (-0.201)

52: Cannot Move

eq: -1.220

62: $21 / 19^{*}$ 19/13


XGID=-BDEaBA-------a----bbbcbbA:1:-1:-1:62:2:2:0:9:10 Pip=66-77

| 1. ${ }^{\text {d }}$. | 4-ply | 21/19* 11/5 |
| :---: | :---: | :---: |
|  | Player: Opponent: | $\begin{aligned} & 98.43 \%(\mathrm{G}: 43.11 \% \mathrm{~B}: 1.27 \%) \\ & 1.57 \% \text { (G:0.00\% B:0.00\%) } \end{aligned}$ |
| 2. | 4-ply | 21/19* 19/13 |
|  | Player: Opponent: | $\begin{aligned} & 98.38 \% \text { (G:42.92\% B:1.26\%) } \\ & \text { 1.62\% (G:0.00\% B:0.00\%) } \end{aligned}$ |
| 3. | 2-ply | 11/5 3/1 |
|  | Player: | 96.81\% (G:15.01\% B:0.42\%) |
|  | Opponent: | 3.19\% (G:0.01\% B:0.00\%) |
| 4. | 1-ply | 11/3 |
|  | Player: | 95.32\% (G:14.99\% B:0.45\%) |
|  | Opponent: | 4.68\% (G:0.04\% B:0.00\%) |
| 5. | 1-ply | 21/13 |
|  | Player: | 97.65\% (G:3.52\% B:0.15\%) |

## 65: Cannot Move



65: 13/8 11/5
eq: +1.456
eq: $+1.453(-0.003)$
eq: +1.139 (-0.317)
eq: +1.120 (-0.336)
eq: $+1.023(-0.433)$


XGID=-BDE-B------a-a----bbbcbbB:1:-1:-1:65:2:2:0:9:10 Pip=85-69

1. 4-ply

## Player:

 Opponen2. 4-ply Player: Opponen
3. 4-ply Player: Opponent:
2-ply Player:
Opponent:
4. 2-ply Player: Opponent: $\quad 9.70 \%$ (G:0.47\% B:0.01\%)

## 41: Cannot Move


eq: +1.466
eq: $+1.462(-0.004)$
eq: +1.436 (-0.030)
eq: +1.207 (-0.260)
eq: +1.189 (-0.278)
eq: -1.466


XGID=-BDE-B-----------a-bcbcbbB:1:-1:-1:63:2:2:0:9:10 Pip=85-58
$1 . \downarrow 3$-ply

## Player:

 Opponen2. 3-ply

Player: Opponent:
3. 2-ply Player: Opponent:
2-ply Player:
Opponent:
2-ply $\begin{array}{ll}\text { Player: } & 91.97 \% \text { (G:26.79\% B:0.52\%) } \\ \text { Opponent: } & 8.03 \% \text { (G:0.07\% B:0.00\%) }\end{array}$

32: Cannot Move

eq: +1.462
eq: +1.380 (-0.082)
eq: +1.297 (-0.165)
eq: +1.249 (-0.213)
eq: +1.203 (-0.258)

32: 5/Off


XGID=-BDE-B-------------bcbbcbB:1:-1:-1:32:2:2:0:9:10 Pip=85-49

| 1.7 | 3-ply | 5/Off |
| :---: | :---: | :---: |
|  | Player: | 98.86\% (G:47.92\% B:1.44\%) |
|  | Opponent: | 1.14\% (G:0.00\% B:0.00\%) |
| 2. | 3-ply | 6/4 6/3 |
|  | Player: | 99.05\% (G:40.02\% B:1.00\%) |
|  | Opponent: | 0.95\% (G:0.00\% B:0.00\%) |
| 3. | 3-ply | 6/3 2/Off |
|  | Player: | 95.26\% (G:38.55\% B:1.13\%) |
|  | Opponent: | 4.74\% (G:0.00\% B:0.00\%) |
| 4. | 3-ply | 3/Off 2/Off |
|  | Player: | 94.39\% (G:35.68\% B:1.25\%) |
|  | Opponent: | 5.61\% (G:0.00\% B:0.00\%) |
| 5. | 2-ply | 3/1 3/Off |
|  | Player: | 96.26\% (G:33.91\% B:1.01\%) |
|  | Opponent: | 3.74\% (G:0.00\% B:0.00\%) |

## 65: Cannot Move


eq: +1.515
eq: +1.429 (-0.086)
eq: +1.373 (-0.142)
eq: +1.330 (-0.184)
eq: +1.327 (-0.188)

62: 6/4 6/Off


- 11: 4/Off

XGID=-BDE-B--------------bcbcbB:1:-1:-1:11:2:2:0:9:10 Pip=85-36
$1 . \checkmark 4$-ply Player: $\quad 99.51 \%$ (G:57.05\% B:2.06\%) Opponent: $\quad 0.49 \%$ (G:0.00\% B:0.00\%)

2. 4-ply
Player: Opponen
4-ply Player: Opponent:
3-ply Opayer:
3-ply Player: Opponent: $\quad 0.68 \%$ (G:0.00\% B:0.00\%)

## 65: Bar/19

eq: +1.628
eq: +1.572 (-0.056)
eq: +1.473 (-0.155)
eq: +1.519 (-0.109)
eq: +1.517 (-0.111)
66: 5/Off(2) 4/Off(2)

eq: +1.844

32: Cannot Move


66: 3/Off(2) 2/Off(2)



eq: +3.222

- Wins a Backgammon 6pts.

Game Summary:

| Thorleif $\bigcirc$ | Category | Rune F |
| :---: | :---: | :---: |
| World Class $(-0.0093)$ | Total Error | World Champ. $(-0.0039)$ |
| Expert $(-0.0107)$ | Checker Play | World Champ. $(-0.0043)$ |
| World Champ. $(+0.0000)$ | Cube Play | World Champ. $(+0.0000)$ |
| 4.64 | Performance Rating | 1.96 |
| $2(1)$ | Move Errors | 1 |
| $-0.139(-1.16 \%)$ | Equity lost (cost) | $-0.082(-1.04 \%)$ |


|  |  |  |
| :---: | :---: | :---: |
| 0 | Double Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
| 0 | Take Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
|  |  |  |
| $2(1)$ | Total Error | 1 |
| $-0.139(-1.16 \%)$ | Equity lost (cost) | $-0.082(-1.04 \%)$ |
| 2 |  | 4 |
| $-2.761(-40.38 \%)$ | Jokers | $+2.761(+40.38 \%)$ |

## Game 4

## 9 point match, Score is Thorleif: 2, Rune F: 8 Crawford



64: 8/2* 6/2


| 1. | 4-ply | $8 / 2^{*} 6 / 2$ |
| :--- | :--- | :--- |
|  | Player: | $50.72 \%$ (G:15.78\% B:0.73\%) |
|  | Opponent: | $49.28 \%$ (G:13.02\% B:0.61\%) |
| 2. | 4-ply | $24 / 14$ |
|  | Player: | $47.61 \%$ (G:10.23\% B:0.40\%) |
|  | Opponent: | $52.39 \%$ (G:14.45\% B:0.52\%) |
| 3. | 3-ply | $24 / 1813 / 9$ |

eq: +0.040
eq: -0.032 (-0.073)
eq: -0.042 (-0.083)

|  | Player: | 46.85\% (G:12.05\% B:0.60\%) |
| :--- | :--- | :---: |
|  | Opponent: | $53.15 \%$ (G:16.49\% B:0.79\%) |
| 4. | 3-ply | $24 / 186 / 2^{*}$ |
|  | Player: | $46.12 \%$ (G:10.86\% B:0.50\%) |
|  | Opponent: | $53.88 \%$ (G:16.87\% B:0.85\%) |
| 5. | 3-ply | $24 / 208 / 2^{*}$ |
|  | Player: | $45.68 \%$ (G:11.89\% B:0.52\%) |
|  | Opponent: | $54.32 \%$ (G:15.77\% B:0.87\%) |

44: Bar/21 13/5 9/5


65: 24/13


| XGID=-aB-a-D-B---cE--c-eb---B-:0:0:1:65:2:8:1:9:10 |  |  | Pip=157-148 |
| :---: | :---: | :---: | :---: |
| 1.7 | 4-ply | 24/13 |  |
|  | Player: | 41.40\% (G:7.63\% B:0.20\%) |  |
|  | Opponent: | 58.60\% (G:17.37\% B:0.43\%) |  |
| 2. | 4-ply | 24/18 13/8 |  |
|  | Player: | 40.33\% (G:9.46\% B:0.36\%) |  |
|  | Opponent: | 59.67\% (G:21.68\% B:0.72\%) |  |
| 3. | 4-ply | 24/18 6/1* |  |
|  | Player: | 37.81\% (G:8.90\% B:0.22\%) |  |
|  | Opponent: | 62.19\% (G:23.32\% B:1.08\%) |  |
| 4. | 3-ply | 13/7 6/1* |  |

eq: -0.161
eq: $-0.179(-0.017)$
eq: -0.232 (-0.070)
eq: -0.260 (-0.099)

|  | Player: | $36.28 \%$ (G:10.26\% B:0.27\%) |
| :--- | :--- | :--- |
|  | Opponent: | $63.72 \%$ (G:22.53\% B:1.90\%) |
| 5. | 3-ply | $13 / 813 / 7$ |
|  | Player: | $35.81 \%(\mathrm{G}: 9.56 \%$ B:0.34\%) |
|  | Opponent: | $64.19 \%(\mathrm{G}: 20.87 \% \mathrm{~B}: 1.56 \%)$ |

32: 24/21 13/11


Player: $\quad 57.21 \%$ (G:15.92\% B:0.34\%) Opponent: $\quad 42.79 \%$ (G:6.16\% B:0.18\%)
2. 4-ply

Player:
Opponent:
3. 4-ply

Player:
Opponent:
4. 3-ply

Player:
Opponent:
5. 3-ply

Player: Opponent
$55.73 \%$ (G:16.33\% B:0.36\%) 44.27\% (G:7.04\% B:0.20\%)

24/21 8/6
55.13\% (G:14.41\% B:0.29\%) 44.87\% (G:6.09\% B:0.17\%)

24/22 8/5
53.27\% (G:15.66\% B:0.46\%) 46.73\% (G:10.70\% B:0.29\%)

13/8
52.65\% (G:15.53\% B:0.44\%) 47.35\% (G:10.80\% B:0.31\%)
eq: +0.136
eq: $+0.105(-0.031)$
eq: +0.094 (-0.042)
eq: +0.051 (-0.086)
eq: +0.038 (-0.099)
eq: -0.192
eq: $-0.247(-0.056)$
eq: - $0.253(-0.062)$
eq: $-0.273(-0.081)$
eq: -0.266 (-0.074)

| Player: | 36.31\% (G:5.64\% B:0.14\%) |
| :--- | :--- |
| Opponent: | $63.69 \%(G: 20.24 \%$ B:0.49\%) |



1. $\sqrt{ }$ 4-ply

Player:
Opponent:
2. 4-ply

Player:
Opponent:
3. 4-ply

Player:
Opponent:
4. 3-ply

Player:
Opponent:
5. 3-ply

Player: Opponent:

11/9 6/5
55.67\% (G:15.26\% B:0.37\%)
44.33\% (G:7.33\% B:0.24\%)

8/5
$53.57 \%$ (G:15.19\% B:0.32\%)
46.43\% (G:7.97\% B:0.27\%)

11/8
53.23\% (G:13.24\% B:0.33\%)
$46.77 \%$ (G:7.85\% B:0.23\%) 11/10 6/4
52.01\% (G:14.81\% B:0.41\%) 47.99\% (G:10.75\% B:0.34\%) 6/5 6/4
$51.72 \%$ (G:14.54\% B:0.41\%) 48.28\% (G:9.88\% B:0.33\%)
eq: +0.103
eq: $+0.060(-0.043)$
eq: +0.053 (-0.049)
eq: $+0.025(-0.078)$
eq: +0.020 (-0.083)
eq: -0.128
eq: $-0.235(-0.107)$
eq: $-0.236(-0.108)$
eq: - $0.241(-0.113)$
eq: -0.252 (-0.124)

62: 9/3 5/3


XGID=--B-bBC-B---bE--ac-dc---A-:0:0:-1:62:2:8:1:9:10 Pip=137-140

| 1.V | 4-ply | 9/3 5/3 | eq: +0.089 |
| :---: | :---: | :---: | :---: |
|  | Player: | 54.91\% (G:14.61\% B:0.26\%) |  |
|  | Opponent: | 45.09\% (G:6.48\% B:0.19\%) |  |
| 2. | 4-ply | 13/7 9/7 | eq: +0.067 (-0.022) |
|  | Player: | 53.90\% (G:13.62\% B:0.39\%) |  |
|  | Opponent: | 46.10\% (G:7.34\% B:0.23\%) |  |
| 3. | 3-ply | 9/1* | eq: -0.033 (-0.122) |
|  | Player: | 48.96\% (G:12.78\% B:0.22\%) |  |
|  | Opponent: | 51.04\% (G:8.44\% B:0.24\%) |  |
| 4. | 3-ply | 21/13 | eq: -0.069 (-0.158) |
|  | Player: | 47.61\% (G:11.34\% B:0.48\%) |  |
|  | Opponent: | 52.39\% (G:16.36\% B:0.34\%) |  |
| 5. | 2-ply | 9/3 8/6 | eq: -0.100 (-0.189) |
|  | Player: | 45.60\% (G:10.82\% B:0.23\%) |  |
|  | Opponent: | 54.40\% (G:8.32\% B:0.25\%) |  |

## 62: 24/16



XGID=--B-bBC-B---bE---c-db-b-A-:0:0:1:62:2:8:1:9:10 Pip=137-132

1. $\sqrt{ }$ 4-ply Player: Opponent:
2. 4-ply

Player:
Opponent:
3. 4-ply

Player:
Opponent:
4. 3-ply

Player:
Opponent:
5. 3-ply

Player: Opponent:

24/16
45.36\% (G:4.38\% B:0.13\%)
54.64\% (G:12.91\% B:0.19\%) 13/5
44.79\% (G:7.29\% B:0.21\%)
$55.21 \%$ (G:14.64\% B:0.26\%)
24/18 13/11
41.48\% (G:6.60\% B:0.21\%)
58.52\% (G:19.11\% B:0.40\%)

13/11 13/7
39.71\% (G:8.80\% B:0.30\%)
60.29\% (G:21.08\% B:0.87\%) 8/6 8/2
$37.40 \%$ (G:6.60\% B:0.14\%) 62.60\% (G:20.17\% B:0.43\%)
eq: -0.087
eq: -0.094 (-0.007)
eq: - $0.161(-0.074)$
eq: -0.193 (-0.106)
eq: -0.243 (-0.157)

61: 8/2 6/5


XGID=--B-bBC-B---bE--Ac-db-b---:0:0:-1:61:2:8:1:9:10 Pip=129-132

1. $\sqrt{4}$-ply

8/2 6/5
$46.41 \%$ (G:6.23\% B:0.08\%) 53.59\% (G:3.92\% B:0.11\%)

8/2 3/2
45.94\% (G:6.03\% B:0.07\%)
$54.06 \%$ (G:4.04\% B:0.12\%)
8/7 8/2
45.81\% (G:6.04\% B:0.07\%)
$54.19 \%$ (G:4.53\% B:0.23\%) 8/1
45.49\% (G:5.88\% B:0.05\%)
$54.51 \%$ (G:4.23\% B:0.12\%) 8/2 5/4
44.06\% (G:5.75\% B:0.11\%)
$55.94 \%$ (G:5.15\% B:0.21\%)

## 52: 16/11 13/11



| XGID=--B-bBC-B---bE--Ab-cc-ba--:0:0:1:52:2:8:1:9:10 |  |  | Pip $=129-125$ |
| :---: | :---: | :---: | :---: |
| 1.7 | 3-ply | 16/11 13/11 |  |
|  | Player: | 56.87\% (G:2.71\% B:0.04\%) |  |
|  | Opponent: | 43.13\% (G:2.59\% B:0.04\%) |  |
| 2. | 2-ply | 16/14 13/8 |  |
|  | Player: | 48.15\% (G:4.80\% B:0.15\%) |  |
|  | Opponent: | 51.85\% (G:10.96\% B:0.13\%) |  |
| 3. | 2-ply | 16/9 |  |
|  | Player: | 47.72\% (G:5.35\% B:0.22\%) |  |
|  | Opponent: | 52.28\% (G:11.87\% B:0.12\%) |  |
| 4. | 2-ply | 13/6 |  |
|  | Player: | 47.18\% (G:5.33\% B:0.16\%) |  |
|  | Opponent: | 52.82\% (G:12.89\% B:0.15\%) |  |
| 5. | 2-ply | 13/11 13/8 |  |
|  | Player: | 46.82\% (G:6.67\% B:0.26\%) |  |
|  | Opponent: | 53.18\% (G:16.08\% B:0.34\%) |  |

56.87\% (G:2.71\% B:0.04\%) 16/14 13/8
48.15\% (G:4.80\% B:0.15\%)

5\% (G:10.96\% B:0.13\%)
47.72\% (G:5.35\% B:0.22\%)

28\% (G:11.87\% B:0.12\%)
47.18\% (G:5.33\% B:0.16\%)
52.82\% (G:12.89\% B:0.15\%)
46.82\% (G:6.67\% B:0.26\%) 53.18\% (G:16.08\% B:0.34\%)
eq: -0.087 (-0.009)
eq: -0.092 (-0.014)
eq: - $0.096(-0.019)$
eq: - $0.127(-0.050)$
eq: -0.077
eq: +0.141
eq: $-0.030(-0.171)$
eq: - $0.037(-0.178)$
eq: -0.049 (-0.189)
eq: -0.053 (-0.194)


66: 21/9(2)


XGID=--B-bCC-B--BbC---a-ccaba--:0:0:-1:66:2:8:1:9:10 Pip=114-121

|  | 4-ply |  |
| :---: | :---: | :---: |
|  | Player: | 73.86\% (G:0.02\% B:0.00\%) |
|  | Opponent: | 26.14\% (G:0.00\% B:0.00\%) |
| 2. | 4-ply | 21/15(2) 13/7(2) |
|  | Player: | 69.79\% (G:0.21\% B:0.00\%) |
|  | Opponent: | 30.21\% (G:0.16\% B:0.00\%) |
| 3. | 2-ply | 21/15(2) 13/7 8/2 |
|  | Player: | 59.07\% (G:2.80\% B:0.06\%) |
|  | Opponent: | 40.93\% (G:2.65\% B:0.06\%) |
| 4. | 2-ply | 21/15(2) 13/1 |
|  | Player: | 57.24\% (G:2.16\% B:0.04\%) |
|  | Opponent: | 42.76\% (G:3.91\% B:0.11\%) |
| 5. | 1-ply | 21/15 21/9 8/2 |
|  | Player: | 51.48\% (G:2.83\% B:0.02\%) |
|  | Opponent: | 48.52\% (G:3.52\% B:0.03\%) |

## 64: 13/7 8/4




## 13/7 8/4

28.62\% (G:0.00\% B:0.00\%)
$71.38 \%$ (G:0.01\% B:0.00\%)
11/5 8/4
28.58\% (G:0.00\% B:0.00\%)
71.42\% (G:0.01\% B:0.00\%) 13/9 11/5
28.51\% (G:0.00\% B:0.00\%)
$71.49 \%$ (G:0.01\% B:0.00\%) 13/3
28.32\% (G:0.00\% B:0.00\%) $71.68 \%$ (G:0.01\% B:0.00\%) 13/9 13/7
$25.45 \%$ (G:1.53\% B:0.10\%) 74.55\% (G:4.67\% B:0.08\%)
eq: -0.428
eq: - $0.428(-0.001)$
eq: - $0.430(-0.002)$
eq: -0.434 (-0.006)
eq: -0.488 (-0.061)

21: 8/6 5/4


XGID=--B-ACCAA--BbB--ba-ccaba--:0:0:-1:21:2:8:1:9:10 Pip=104-97

| 1. ${ }^{\text {des }}$ | 4-ply | 9/6 |
| :---: | :---: | :---: |
|  | Player: | 62.06\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 37.94\% (G:0.00\% B:0.00\%) |
| $2 . \sqrt{ }$ | 4-ply | 8/6 5/4 |
|  | Player: | 61.98\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 38.02\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 8/5 |
|  | Player: | 61.88\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 38.12\% (G:0.00\% B:0.00\%) |
| 4. | 4-ply | 8/6 3/2 |
|  | Player: | 61.79\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 38.21\% (G:0.00\% B:0.00\%) |
| 5. | 4-ply | 13/11 9/8 |
|  | Player: | 49.28\% (G:2.55\% B:0.11\%) |
|  | Opponent: | 50.72\% (G:3.70\% B:0.23\%) |

## 51: 11/6 7/6


$1 . \sqrt{4}$-ply
Player:
Opponent:
2. 4-ply

Player:
Opponent:
3. 4-ply Player: Opponent:
4. 4-ply Player: Opponent:
5. 4-ply Player: Opponent:

11/6 7/6
$33.62 \%$ (G:0.00\% B:0.00\%) 66.38\% (G:0.00\% B:0.00\%)

11/10 11/6 $33.56 \%$ (G:0.00\% B:0.00\%) 66.44\% (G:0.00\% B:0.00\%)

$$
11 / 65 / 4
$$

$33.55 \%$ (G:0.00\% B:0.00\%) 66.45\% (G:0.00\% B:0.00\%)

11/6 2/1
$33.53 \%$ (G:0.00\% B:0.00\%) 66.47\% (G:0.00\% B:0.00\%)

13/8 5/4
29.93\% (G:1.79\% B:0.07\%) $70.07 \%$ (G:3.16\% B:0.04\%)
eq: $+0.240(-0.002)$
eq: $+0.238(-0.004)$
eq: $+0.236(-0.005)$
eq: -0.021 (-0.262)
eq: -0.328
eq: -0.329 (-0.001)
eq: -0.329 (-0.001)
eq: $-0.329(-0.002)$
eq: -0.399 (-0.071)


XGID=--B-ACE-A--AbB--b--dbbba--:0:0:-1:41:2:8:1:9:10 Pip=98-94

| $1 . \checkmark$ | 4-ply | 9/8 9/5 |
| :---: | :---: | :---: |
| 2. | Player: | 60.40\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 39.60\% (G:0.00\% B:0.00\%) |
|  | 4-ply | 9/4 |
|  | Player: | 60.31\% (G:0.00\% B:0.00\%) |
| 3. | Opponent: | 39.69\% (G:0.00\% B:0.00\%) |
|  | 4-ply | 9/5 6/5 |
|  | Player: | 60.30\% (G:0.01\% B:0.00\%) |
| 4. | Opponent: | 39.70\% (G:0.00\% B:0.00\%) |
|  | 4-ply | 9/5 3/2 |
|  | Player: | 60.18\% (G:0.00\% B:0.00\%) |
| 5. | Opponent: | 39.82\% (G:0.00\% B:0.00\%) |
|  | 4-ply | 13/9 3/2 |
|  | Player: | 50.37\% (G:3.05\% B:0.16\%) |
|  | Opponent: | 49.63\% (G:1.51\% B:0.02\%) |

## 44: 13/9 13/5 8/4



| $1 . \checkmark$ | 4-ply | 13/9 13/5 8/4 |
| :---: | :---: | :---: |
|  | Player: | 56.55\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.45\% (G:0.00\% B:0.00\%) |
| 2. | 4-ply | 13/9(2) 11/7 8/4 |
|  | Player: | 56.49\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.51\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 13/9 13/5 11/7 |
|  | Player: | 56.32\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.68\% (G:0.00\% B:0.00\%) |
| 4. | 4-ply | 13/9(2) 11/3 |
|  | Player: | 56.08\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.92\% (G:0.00\% B:0.00\%) |
| 5. | 4-ply | 11/3 8/4 5/1 |
|  | Player: | 54.88\% (G:0.02\% B:0.00\%) |
|  | Opponent: | 45.12\% (G:0.02\% B:0.00\%) |

eq: +0.131
eq: +0.130 (-0.001)
eq: $+0.126(-0.005)$
eq: $+0.122(-0.009)$
eq: $+0.098(-0.033)$


XGID=--B-BDE--A-Ab----a-dcbba--:0:0:-1:32:2:8:1:9:10 Pip=82-89

1. $\sqrt{4}$-ply

13/10 8/6
$36.80 \%$ (G:0.00\% B:0.00\%) 63.20\% (G:0.00\% B:0.00\%)

13/11 13/10
$36.74 \%$ (G:0.00\% B:0.00\%)
$63.26 \%$ (G:0.00\% B:0.00\%)
13/10 6/4
36.35\% (G:0.00\% B:0.00\%)
$63.65 \%$ (G:0.00\% B:0.00\%) 6/1
35.32\% (G:0.00\% B:0.00\%)
64.68\% (G:0.00\% B:0.00\%) 13/11 8/5
36.65\% (G:0.00\% B:0.00\%) 63.35\% (G:0.00\% B:0.00\%)

## 41: 11/6



XGID=--B-BDE--A-Aa--a---ecbba--:0:0:1:41:2:8:1:9:10 Pip=82-84

| $1 . \sqrt{ }$ | 4-ply | 11/6 |
| :---: | :---: | :---: |
|  | Player: | 56.57\% (G:0.00\% B B:0.00\%) |
|  | Opponent: | 43.43\% (G:0.00\% B:0.00\%) |
| 2. ${ }^{\text {des }}$ | 4-ply | 9/4 |
|  | Player: | $56.52 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.48\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 11/7 5/4 |
|  | Player: | 56.25\% (G:0.00\% B B $0.00 \%$ ) |
|  | Opponent: | 43.75\% (G:0.00\% B:0.00\%) |
| 4. | 3-ply | 9/5 2/1 |
|  | Player: | $56.29 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.71\% (G:0.00\% B:0.00\%) |
| 5. | 2-ply | 11/10 9/5 |
|  | Player: | $56.31 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | 43.69\% (G:0.00\% B:0.00\%) |

eq: +0.131
eq: $+0.130(-0.001)$
eq: +0.125 (-0.006)
eq: +0.126 (-0.006)
eq: +0.126 (-0.005)


41: 7/6 4/Off


XGID=--B-BDF-----------aedbba--:0:0:-1:41:2:8:1:9:10 Pip=68-73

1. $\sqrt{ }$ 4-ply

7/6 4/Off
Player: $\quad 39.84 \%$ (G:0.00\% B:0.00\%)

Opponent: $\quad 60.16 \%$ (G:0.00\% B:0.00\%) 7/3 5/4
$39.26 \%$ (G:0.00\% B:0.00\%)
60.74\% (G:0.00\% B:0.00\%)

6/2 5/4
$38.46 \%$ (G:0.00\% B:0.00\%)
61.54\% (G:0.00\% B:0.00\%) 7/2
Oppone Player: Opponent:
3. 4-ply Player: Opponent:
. 3-ply Player: Opponent:
39.18\% (G:0.00\% B:0.00\%)
$60.82 \%$ (G:0.00\% B:0.00\%) 7/3 6/5
Player: $\quad 39.10 \%$ (G:0.00\% B:0.00\%) Opponent: $\quad 60.90 \%$ (G:0.00\% B:0.00\%)
eq: -0.203
eq: -0.215 (-0.012)
eq: -0.231 (-0.028)
eq: $-0.216(-0.013)$
eq: -0.218 (-0.015)

## 63: 6/3 6/Off



| 1.V | 3-ply | 6/3 6/Off |
| :---: | :---: | :---: |
|  | Player: | 62.72\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 37.28\% (G:0.00\% B:0.00\%) |
| 2. | 1-ply | 6/Off 5/2 |
|  | Player: | 61.00\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 39.00\% (G:0.00\% B:0.00\%) |
| 3. | 1-ply | 6/Off 4/1 |
|  | Player: | 60.79\% (G:0.00\% B B 0. |
|  | Opponen | 39.21\% (G:0.00\% B:0.00\%) |

eq: +0.254
eq: +0.220 (-0.034)
eq: +0.216 (-0.039)

## 53: 5/Off 3/Off


eq: -0.262
eq: $-0.287(-0.025)$
eq: - $0.330(-0.067)$
eq: - $0.298(-0.036)$
eq: - $0.327(-0.065)$



65: 6/Off 5/Off
eq: +0.159
eq: +0.123 (-0.036)
eq: +0.147 (-0.012)
eq: +0.146 (-0.013)
eq: +0.128 (-0.031)


66: 6/Off(4)


63: 6/Off 3/Off

eq: +0.010
eq: -0.015 (-0.025)
eq: +0.795

| 2. | 4-ply | 6/3 6/Off |
| :---: | :---: | :---: |
|  | Player: | 9.28\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 90.72\% (G:0.00\% B:0.00\%) |
| 3. | 1-ply | 6/Off 5/2 |
|  | Player: | 8.18\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 91.82\% (G:0.00\% B:0.00\%) |
| 4. | 1-ply | 6/Off 4/1 |
|  | Player: | 7.95\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 92.05\% (G:0.00\% B:0.00\%) |

44: 5/1(2) 4/Off(2)


XGID=-AAABC-------------dba-a--:00:0:1:44:2:8:1:9:10 Pip=29-40

| 1. | 4-ply | $5 / 1(2) 4 / \mathrm{Off}(2)$ |
| :--- | :--- | :--- |
|  | Player: | $96.40 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | $3.60 \%$ (G:0.00\% B:0.00\%) |
| 2. | 4-ply | $5 / 1(3) 4 / \mathrm{Off}$ |
|  | Player: | $91.91 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | $8.09 \%$ (G:0.00\% B:0.00\%) |

53: 6/3 5/Off

eq: +0.928
eq: +0.838 (-0.090)
eq: -0.962
eq: -0.968 (-0.007)
eq: -0.969 (-0.007)
eq: -0.969 (-0.008)
eq: -0.977 (-0.015)


52: 5/Off 2/Off



## 33: 2/Off 1/Off(3)



Wins a Single Game 1pt.
Game Summary:

| Thorleif $\bigcirc$ | Category | Rune F |
| :---: | :---: | :---: |
| World Champ. ( +0.0000 ) | Total Error | World Champ. (-0.0002) |
| World Champ. $(+0.0000)$ | Checker Play | World Champ. $(-0.0002)$ |
| NA | Cube Play | NA |
| 0.00 | Performance Rating | 0.08 |
| 0 | Move Errors | 0 |
| +0.000 | Equity lost (cost) | $-0.003(-0.03 \%)$ |
|  | Double Errors | 0 |
| 0 | Equity lost (cost) | +0.000 |
| +0.000 |  |  |
| 0 | Take Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
| 0 |  | 0 |
| +0.000 | Total Error | $0.003(-0.03 \%)$ |
| 2 | Equity lost (cost) | 1 |
| $+1.004(+9.07 \%)$ | Jokers | $-1.004(-9.07 \%)$ |
|  | Luck |  |

## Game 5

## 9 point match, Score is Thorleif: 3, Rune F: 8



1. ${ }^{1 / 8}$ Book ${ }^{1}$
24/21
Player: $\quad 49.27 \%$ (G:15.17\% B:2.28\%)
Opponent: $\quad 50.73 \%$ (G:13.81\% B:0.38\%)
2. Book
Player:
Opponent: $\quad 50.71 \%$ (G:13.67\% B:0.46\%)
24/21 13/9
Book 49.77\% (G:13. $163 \%$ B:2.65\%) 50.77\% (G:13.63\% B:0.47\%) 13/10 13/9 49.16\% (G:17.59\% B:2.71\%) 50.84\% (G:14.12\% B:0.56\%)
13/9 8/5

> eq: -0.927
> Conf.: $\pm 0.002(-0.930 \ldots-0.925)-[69.6 \%]$
> eq: $-0.928(-0.001)$
> Conf.: $\pm 0.002(-0.931 \ldots-0.926)-[28.9 \%]$
> eq: $-0.930(-0.003)$
> Conf.: $\pm 0.002(-0.933 \ldots-. .0 .928)-[1.4 \%]$
eq: -0.946 (-0.019)
Conf.: $\pm 0.006(-0.952 \ldots-. .-941)-[0.0 \%]$
eq: $-1.000(-0.073)$
${ }^{1}$ Generated by David Rockwell on 22.10.2012 using eXtreme Gammon 2.00
31104 Games rolled with Variance Reduction.
Dice Seed: 25528416
Moves and cube decisions: 3-ply
${ }^{2}$ Generated by David Rockwell on 22.10.2012 using eXtreme Gammon 2.00 5184 Games rolled with Variance Reduction.
Dice Seed: 25528416
Moves and cube decisions: 3-ply
${ }^{3}$ Generated by GameSite 2000, Ltd on 21.05.2011 using eXtreme Gammon 2.00 Analyzed in XG Roller++

## Double/Take



XGID=-a--a-E-C---dE--ac-e----B-:0:0:1:00:3:8:0:9:10 Pip=167-160

Analyzed in 4-ply
Player Winning Chances:
Opponent Winning Chances: Cubeless Equities
Cubeful Equities

## No double:

$\checkmark$ Double/Take: Double/Pass:

## No double

50.02\% (G:13.18\% B:0.58\%) $49.98 \%$ (G:13.78\% B:0.70\%) +0.167
$+0.837(-0.072)$
+0.909
$+1.000(+0.091)$

Best Cube action: Double / Take

## 54: 13/4*



64: Bar/21* 21/15

## Double/Take

50.04\% (G:13.16\% B:0.57\%) 49.96\% (G:13.73\% B:0.69\%) $+0.909$
eq: +0.111
eq: $+0.055(-0.056)$
eq: $+0.050(-0.061)$
eq: +0.043 (-0.068)
eq: +0.050 (-0.061)


XGID=aa--A-E-C---dD--ac-e----B-:1:-1:-1:64:3:8:0:9:10 Pip=158-164

1. $\sqrt{4}$-ply

Player: Opponent:
2. 4-ply

Player: Opponent:
3. 4-ply Player: Opponent:
4. 3-ply

Player:
Opponent:
5. 2-ply

Player:

Bar/21* 8/2
$50.03 \%$ (G:14.74\% B:0.90\%)
Opponent: $\quad 49.97 \%$ (G:13.92\% B:0.83\%)
Bar/21* 21/15
$56.43 \%$ (G:17.52\% B:1.29\%) 43.57\% (G:11.10\% B:0.51\%)

Bar/21* 24/18
54.33\% (G:16.22\% B:1.14\%) 45.67\% (G:11.99\% B:0.52\%)

Bar/21* 13/7 53.64\% (G:17.23\% B:1.19\%) 46.36\% (G:11.77\% B:0.60\%)

Bar/21* $9 / 3$
52.41\% (G:15.09\% B:0.93\%) 47.59\% (G:12.24\% B:0.54\%)

## 64: Bar/21 13/7

eq: -0.016
eq: -0.068 (-0.053)
eq: -0.082 (-0.067)
eq: - $0.110(-0.095)$
eq: -0.186 (-0.171)
eq: -0.093
eq: $-0.105(-0.012)$
eq: - $0.118(-0.025)$
eq: -0.164 (-0.071)

## 61: 24/18* $9 / 8$



XGID=-a----EAC-a-dC--ac-e-A--B-:1:-1:-1:61:3:8:0:9:10 Pip=169-154Player: $\quad 59.07 \%$ (G:15.97\% B:1.09\%) Opponent: $\quad 40.93 \%$ (G:10.35\% B:0.25\%)
XG Roller+
24/18* 9/8
$\begin{array}{ll}\text { Player: } & 57.34 \% \text { (G:18.07\% B:1.36\%) } \\ \text { Opponent: } & 42.66 \%(G: 10.99 \% \text { B:0.36\%) }\end{array}$ 15/9 6/5
56.82\% (G:14.67\% B:0.86\%) 43.18\% (G:11.42\% B:0.42\%) 24/18* 15/14
56.09\% (G:17.32\% B:1.26\%) 43.91\% (G:11.64\% B:0.48\%) 15/9 8/7
54.34\% (G:14.95\% B:0.94\%) 45.66\% (G:11.89\% B:0.44\%)
eq: +0.054
eq: $+0.009(-0.046)$
eq: -0.009 (-0.063)
eq: -0.028 (-0.082)
eq: -0.064 (-0.119)
eq: -0.004
eq: -0.053 (-0.049)
eq: -0.057 (-0.053)
eq: -0.124 (-0.120)
eq: -0.164 (-0.160)


XGID=a-----EAB-a-dC---d-eAA--B-:1:-1:-1:52:3:8:0:9:10 Pip=181-154

1. $\sqrt{ }$ 4-ply

Player: Opponent:
2. 4-ply

Player: Opponent:
3. 4-ply Player:
Opponent:
4. 4-ply

Player:
Opayer:
5. 3-ply

Player: 53.82\% (G:16.89\% B:1.15\%)

Opponent: $\quad 46.18 \%$ (G:12.56\% B:0.49\%)

## 21: Bar/23 8/7*



| 1.88 | 4-ply | Bar/23 21/20 |
| :---: | :---: | :---: |
|  | Player: | 41.71\% (G:9.50\% B:0.37\%) |
|  | Opponent: | 58.29\% (G:19.23\% B:1.36\%) |
| 2. | 4-ply | Bar/23 8/7* |
|  | Player: | 41.28\% (G:9.49\% B:0.41\%) |
|  | Opponent: | 58.72\% (G:22.61\% B:2.15\%) |
| 3. | 4-ply | Bar/23 6/5 |
|  | Player: | 41.45\% (G:9.13\% B:0.40\%) |
|  | Opponent: | 58.55\% (G:22.90\% B:2.36\%) |
| 4. | 4-ply | Bar/24 6/4 |
|  | Player: | 39.55\% (G:8.61\% B:0.39\%) |
|  | Opponent: | 60.45\% (G:24.03\% B:2.75\%) |
| 5. | 3-ply | Bar/23 24/23 |
|  | Player: | 39.90\% (G:8.47\% B:0.32\%) |
|  | Opponent: | 60.10\% (G:22.42\% B:1.49\%) |



Player: $\quad$ 41.71\% (G:9.50\% B:0.37\%) 58.29\% (G:19.23\% B:1.36\%)
41.28\% (G:9.49\% B:0.41\%) $72 \%$ (G:22.61\% B:2.15\%) 1.45\% (G:9.13\% B:0.40\%) $58.55 \%$ (G:22.90\% B:2.36\%)

Bar/24 6/4 $0.55 \%$

Bar/23 24/23 60.10\% (G:22.42\% B:1.49\%)
eq: -0.037 (-0.043)
eq: -0.054 (-0.061)
eq: - $0.083(-0.090)$
eq: -0.084 (-0.091)
eq: +0.007
eq: -0.044
eq: - $0.052(-0.008)$
eq: -0.053 (-0.009)
eq: -0.097 (-0.053)
eq: -0.094 (-0.050)


| 1.29 | 4-ply | Bar/22 8/5*(2) 6/3 |
| :---: | :---: | :---: |
|  | Player: | 63.60\% (G:31.71\% B:4.58\%) |
|  | Opponent: | 36.40\% (G:6.70\% B:0.30\%) |
| 2.7 | 4-ply | Bar/22 13/10 8/5*(2) |
|  | Player: | 62.95\% (G:31.97\% B:4.54\%) |
|  | Opponent: | 37.05\% (G:6.40\% B:0.28\%) |
| 3. | 4-ply | Bar/22 8/5* 6/3(2) |
|  | Player: | 60.62\% (G:28.23\% B:3.85\%) |
|  | Opponent: | 39.38\% (G:8.00\% B:0.33\%) |
| 4. | 3-ply | Bar/22 8/5*(3) |
|  | Player: | 60.14\% (G:29.93\% B:4.23\%) |
|  | Opponent: | 39.86\% (G:7.87\% B:0.34\%) |
| 5. | 3-ply | Bar/22 13/10(2) 8/5* |
|  | Player: | 60.12\% (G:24.41\% B:2.51\%) |
|  | Opponent: | 39.88\% (G:8.89\% B:0.39\%) |

eq: +0.185
eq: $+0.176(-0.009)$
eq: +0.110 (-0.076)
eq: +0.101 (-0.084)
eq: +0.087 (-0.098)

## 43: Bar/21 13/10*


eq: -0.107
eq: -0.116 (-0.009)
eq: -0.142 (-0.035)
eq: -0.155 (-0.048)
eq: $-0.219(-0.112)$


XGID=a--a--EAA-A-cB-a-b-ebB-AB-:1:-1:-1:64:3:8:0:9:10 Pip=194-152

| $1 . \checkmark$ | 4-ply | Bar/15* |
| :---: | :---: | :---: |
|  | Player: | 60.40\% (G:31.06\% B:3.34\%) |
|  | Opponent: | 39.60\% (G:6.76\% B:0.31\%) |
| 2. | 4-ply | Bar/21 22/16 |
|  | Player: | 59.02\% (G:26.49\% B:2.91\%) |
|  | Opponent: | 40.98\% (G:9.96\% B:0.51\%) |
| 3. | 2-ply | Bar/21 8/2* |
|  | Player: | 55.08\% (G:26.44\% B:2.99\%) |
|  | Opponent: | 44.92\% (G:11.75\% B:0.77\%) |
| 4. | 2-ply | Bar/21 13/7 |
|  | Player: | 54.84\% (G:23.46\% B:2.20\%) |
|  | Opponent: | 45.16\% (G:12.18\% B:0.76\%) |

## 53: Bar/22 8/3*



XGID=---a--EAA-a-cB-a-b-ebB-ABA:1:-1:1:53:3:8:0:9:10 Pip=209-142

| 1.des | 4-ply | Bar/22 23/18 | eq: -0.132 |
| :---: | :---: | :---: | :---: |
|  | Player: Opponent: | $\begin{aligned} & 39.30 \% ~(G: 6.31 \% ~ B: 0.29 \%) \\ & 60.70 \% \text { (G:30.75\% B:3.58\%) } \end{aligned}$ |  |
| $2 . \sqrt{ }$ | 4-ply | Bar/22 8/3* | eq: -0.142 (-0.010) |
|  | Player: Opponent: | 38.55\% (G:6.67\% B:0.30\%) <br> 61.45\% (G:29.81\% B:2.99\%) |  |
| 3. | 4-ply | Bar/22 13/8 | eq: -0.163 (-0.031) |
|  | Player: | 37.99\% (G:5.93\% B:0.27\%) |  |
|  | Opponent: | 62.01\% (G:32.01\% B:3.50\%) |  |
| 4. | 4-ply | Bar/22 7/2 | eq: -0.207 (-0.075) |
|  | Player: | 36.15\% (G:5.45\% B:0.23\%) |  |
|  | Opponent: | 63.85\% (G:31.62\% B:3.25\%) |  |
| 5. | 4-ply | Bar/22 21/16 | eq: -0.292 (-0.160) |
|  | Player: | 32.69\% (G:4.19\% B:0.20\%) |  |
|  | Opponent: | 67.31\% (G:41.19\% B:9.65\%) |  |



XGID=a--A--EA--a-cB-a-b-ebBAAB-:1:-1:-1:62:3:8:0:9:10 Pip=201-145

| 1.V | 4-ply | Bar/17 |
| :---: | :---: | :---: |
|  | Player: | 62.04\% (G:29.00\% B:2.61\%) |
|  | Opponent: | 37.96\% (G:7.48\% B:0.36\%) |
| 2. | 4-ply | Bar/23 15/9 |
|  | Player: | 61.37\% (G:29.68\% B:2.56\%) |
|  | Opponent: | 38.63\% (G:7.41\% B:0.37\%) |
| 3. | 4-ply | Bar/23 13/7 |
|  | Player: | 59.27\% (G:27.90\% B:2.56\%) |
|  | Opponent: | 40.73\% (G:9.86\% B:0.63\%) |
| 4. | 3-ply | Bar/23 8/2* |
|  | Player: | 56.41\% (G:27.81\% B:3.41\%) |
|  | Opponent: | 43.59\% (G:9.33\% B:0.48\%) |

## 33: 21/15* 13/10* $6 / 3$



XGID=---A--EAa-a-cB-a-b-ebBAAB-:1:-1:1:33:3:8:0:9:10 Pip=201-137


## 66: Cannot Move



XGID=b--B--DAa-A-cA-A-b-ebAAAB-:1:-1:-1:66:3:8:0:9:10 Pip=189-162

$$
\begin{array}{lc}
\text { 1. } \sqrt{\text { 4-ply }} & \text { Cannot Move } \\
\text { Player: } & 49.12 \% \text { (G:18.84\% B:1.95\%) } \\
\text { Opponent: } & 50.88 \% \text { (G:20.41\% B:1.30\%) }
\end{array}
$$

eq: -0.295
eq: +0.307
eq: $+0.264(-0.043)$
eq: +0.259 (-0.048)
eq: +0.246 (-0.061)
eq: $+0.248(-0.060)$

## 65: Cannot Move



XGID=b--B-BCAa---cA-A-b-ebAAAB-:1:-1:-1:65:3:8:0:9:10 Pip=183-162


## 33: 13/4 7/4



eq: +0.695
eq: $+0.537(-0.158)$
eq: $+0.521(-0.175)$
eq: +0.481 (-0.214)
eq: $+0.480(-0.215)$


XGID=b--BBBC-a---c--A-b-ebAAAB-:1:-1:-1:51:3:8:0:9:10 Pip=171-162

1. $\begin{aligned} & \text { 3-ply } \\ & \text { Player: }\end{aligned}$
Bar/24
38.00\% (G:11.27\% B:0.80\%)
62.00\% (G:29.21\% B:2.29\%)

## 42: 23/21 22/18



eq: +0.561
eq: $+0.559(-0.001)$
eq: $+0.540(-0.020)$
eq: $+0.539(-0.022)$
eq: $+0.529(-0.031)$
eq: -0.651
-64: Cannot Move


XGID=aa-BBBC-a---c--A-bAebB--B-:1:-1:-1:64:3:8:0:9:10 Pip=165-161

| 1. |  |
| :--- | :--- |
| 4-ply | Cannot Move |
| Player: | $35.51 \%(\mathrm{G}: 9.71 \% \mathrm{~B}: 0.58 \%)$ |
| Opponent: | $64.49 \%(\mathrm{G}: 31.73 \% \mathrm{~B}: 2.51 \%)$ |



XGID=aa-BBBC-a---c--A-bAebB--B-:1:-1:1:61:3:8:0:9:10 Pip=165-161

1. $\sqrt{ }$-ply

Player: Opponent:
2. 2-ply Player: Opponent:
3. 2-ply Player: Opponent:
4. 2-ply Player: Opponent:
5. 2-ply Player: Opponent:

15/8*
68.95\% (G:34.80\% B:3.15\%) 31.05\% (G:7.70\% B:0.39\%)

24/18 15/14
65.43\% (G:28.82\% B:2.04\%) 34.57\% (G:8.62\% B:0.32\%)

24/23 15/9
63.38\% (G:29.93\% B:2.23\%) 36.62\% (G:10.00\% B:0.43\%)

24/23 24/18
64.54\% (G:28.00\% B:1.93\%) 35.46\% (G:9.14\% B:0.34\%)

24/18 6/5
64.10\% (G:28.31\% B:2.00\%)
$35.90 \%$ (G:9.36\% B:0.37\%)
eq: +0.882
eq: $+0.707(-0.175)$
eq: +0.685 (-0.197)
eq: $+0.676(-0.206)$
eq: +0.673 (-0.209)


XGID=ba-BBBC-A---c----bAebB--B-:1:-1:-1:42:3:8:0:9:10 Pip=158-169

1. $\begin{aligned} & \text { 3-ply } \\ & \text { Player: }\end{aligned}$
Bar/23
32.69\% (G:8.70\% B:0.51\%) Opponent: $\quad 67.31 \%(G: 35.42 \%$ B:2.70\%)

63: 21/18 8/2*


XGID=aaaBBBC-A---c----bAebB--B-:1:-1:1:63:3:8:0:9:10 Pip=158-167

| $1 . \checkmark$ | 4-ply | 21/18 8/2* |
| :---: | :---: | :---: |
|  | Player: | 67.80\% (G:35.25\% B:3.01\%) |
|  | Opponent: | 32.20\% (G:9.00\% B:0.63\%) |
| 2. | 4-ply | 24/21 8/2* |
|  | Player: | 68.32\% (G:34.52\% B:2.89\%) |
|  | Opponent: | 31.68\% (G:8.00\% B:0.36\%) |
| 3.4 | 4-ply | 18/15 8/2* |
|  | Player: | 67.40\% (G:35.23\% B:3.05\%) |
|  | Opponent: | 32.60\% (G:8.68\% B:0.53\%) |
| 4. | 3-ply | 24/18 8/5 |
|  | Player: | 66.32\% (G:31.14\% B:2.34\%) |
|  | Opponent: | 33.68\% (G:7.81\% B:0.27\%) |
| 5. | 3-ply | 21/18 21/15 |
|  | Player: | 65.38\% (G:31.77\% B:2.56\%) |
|  | Opponent: | 34.62\% (G:9.58\% B:0.61\%) |

eq: +0.860
eq: $+0.858(-0.002)$
eq: $+0.853(-0.007)$
eq: +0.761 (-0.099)
eq: $+0.757(-0.103)$

## 64: Cannot Move



XGID=baABBBC-----c----bBebA--B-:1:-1:-1:64:3:8:0:9:10 Pip=149-169
$\begin{array}{ll}\text { 4-ply } & \text { Cannot Move } \\ \text { Player: } & 25.54 \% \text { (G:5.63\% B:0.33\%) } \\ \text { Opponent. } & 74.46 \% \text { (G:44.91\% B:3.28\%) }\end{array}$

## 33: 24/21 24/15



eq: $+1.000(-0.016)$
eq: $+0.986(-0.029)$
eq: +0.981 (-0.034)
eq: $+0.958(-0.058)$



## 63: 21/18 21/15



eq: +0.838
eq: $+0.833(-0.005)$
eq: $+0.825(-0.014)$
eq: +0.799 (-0.040)
eq: $+0.797(-0.041)$

- 64: Cannot Move

eq: -1.001
eq: +1.110
eq: +0.916 (-0.194)
eq: $+0.867(-0.243)$
eq: +0.842 (-0.269)
eq: $+0.803(-0.307)$
- 51: Bar/24 13/8


XGID=abBBBBB-----c--C-bBeb-----:1:-1:-1:51:3:8:0:9:10 Pip=121-168

| $1 . \checkmark$ | 3-ply | Bar/24 13/8 |
| :---: | :---: | :---: |
|  | Player: | 22.37\% (G:3.50\% B:0.15\%) |
|  | Opponent: | 77.63\% (G:28.82\% B:2.62\%) |
| 2. | 3-ply | Bar/24 6/1 |
|  | Player: | 19.30\% (G:2.82\% B:0.11\%) |
|  | Opponent: | 80.70\% (G:30.99\% B:2.89\%) |
| 3. | 2-ply | Bar/24 8/3 |
|  | Player: | 19.72\% (G:2.50\% B:0.11\%) |
|  | Opponent: | 80.28\% (G:37.95\% B:5.15\%) |

eq: -0.970
eq: -1.066 (-0.095)
eq: -1.212 (-0.241)

11: 15/13(2)


XGID=-cBBBBB-----b--C-cBeb-----:1:-1:1:11:3:8:0:9:10 1 4-ply $\quad$ Pip=121-162

| $1 . \vee$ | 4-ply | 15/13(2) |
| :---: | :---: | :---: |
|  | Player: | 78.39\% (G:29.19\% B:2.62\%) |
|  | Opponent: | 21.61\% (G:3.32\% B:0.15\%) |
| 2. | 4-ply | 15/14(2) 15/13 |
|  | Player: | 78.11\% (G:28.33\% B:2.51\%) |
|  | Opponent: | 21.89\% (G:3.29\% B:0.15\%) |
| 3. | 1-ply | 15/14(3) 3/2 |
|  | Player: | 64.40\% (G:22.92\% B:2.01\%) |
|  | Opponent: | 35.60\% (G:8.00\% B:0.39\%) |
| 4. | 1-ply | 15/14(3) 4/3 |
|  | Player: | 64.07\% (G:22.88\% B:2.11\%) |
|  | Opponent: | 35.93\% (G:8.28\% B:0.44\%) |
| 5. | 1-ply | 15/14(3) 6/5 |
|  | Player: | 64.22\% (G:22.34\% B:1.91\%) |
|  | Opponent: | 35.78\% (G:7.55\% B:0.37\%) |

## 43: 8/4 6/3



## 64: 15/5




1. We XG Roller+

Player:
Opponent:
15/11 13/7
81.83\% (G:35.46\% B:3.39\%)
18.17\% (G:3.81\% B:0.20\%)

15/5
78.29\% (G:27.78\% B:2.40\%) 21.71\% (G:3.25\% B:0.11\%)

$$
13 / 913 / 7
$$ Player: $\quad 78.64 \%$ ( $\mathrm{G}: 33.08 \% \mathrm{~B}: 3.17 \%$ ) 21.36\% (G:4.80\% B:0.25\%)

$$
18 / 1415 / 9
$$

79.95\% (G:29.70\% B:3.04\%) 20.56\% (G:3.35\% B:0.20\%)

XG Roller+
Opponent: $\quad 21.71 \%$ (G:3.25\% B:0.11\%)
$\quad 13 / 913 / 7$ Opponent:
3-ply Player: Opponent:
5. 3-ply Player: Opponent:
20.05\% (G:3.09\% B:0.18\%) 18/8
79.44\% (G:29.24\% B:2.90\%)
(G:3.09\% B:0.18\%)
eq: -1.057
eq: -1.075 (-0.018)
eq: -1.081 (-0.024)
eq: -1.097 (-0.041)
eq: -1.106 (-0.050)
eq: +1.156
eq: $+0.964(-0.192)$
eq: +1.058 (-0.098)
eq: +1.041 (-0.115)
eq: +1.020 (-0.136)


32: 18/13


| GID=--BBBCBC----bB---aBdbaaa--:1:-1:1:32:3:8:0:9:10 |  |  | Pip $=107-131$ |
| :---: | :---: | :---: | :---: |
| $1 . V$ | 4-ply | 18/13 | eq: +0.370 |
|  | Player: | 63.15\% (G:8.66\% B:0.22\%) |  |
|  | Opponent: | 36.85\% (G:4.02\% B:0.07\%) |  |
| 2. | 4-ply | 13/11 13/10 | eq: +0.331 (-0.039) |
|  | Player: | 58.99\% (G:12.65\% B:0.18\%) |  |
|  | Opponent: | 41.01\% (G:6.00\% B:0.12\%) |  |
| 3. | 4-ply | 13/8 | eq: +0.325 (-0.045) |
|  | Player: | 58.30\% (G:13.23\% B:0.21\%) |  |
|  | Opponent: | 41.70\% (G:7.15\% B:0.15\%) |  |
| 4. | 4-ply | 13/10 5/3 | eq: +0.318 (-0.052) |
|  | Player: | 57.70\% (G:13.59\% B:0.22\%) |  |
|  | Opponent: | 42.30\% (G:7.45\% B:0.16\%) |  |
| 5. | 3-ply | 18/15 5/3 | eq: +0.314 (-0.056) |
|  | Player: | 58.24\% (G:12.20\% B:0.27\%) |  |
|  | Opponent: | 41.76\% (G:7.76\% B:0.15\%) |  |

## 32: 8/5 6/4



XGID=--BBBCBc----bC---aAdbaaa---1:-1:-1:32:3:8:0:9:10 Pip=102-131

1. $\sqrt{4}$-ply

8/5 6/4
34.79\% (G:3.11\% B:0.04\%) 65.21\% (G:7.17\% B:0.12\%)

8/5 4/2
33.88\% (G:3.02\% B:0.04\%)
66.12\% (G:8.13\% B:0.12\%)

8/3
33.28\% (G:2.84\% B:0.04\%)
$66.72 \%$ (G:7.45\% B:0.12\%) 8/5 3/1
29.69\% (G:3.29\% B:0.06\%)
70.31\% (G:12.94\% B:0.25\%) 8/6 5/2
29.52\% (G:3.05\% B:0.05\%) 70.48\% (G:13.88\% B:0.29\%)
eq: -0.391
eq: -0.420 (-0.029)
eq: -0.424 (-0.033)
eq: $-0.563(-0.173)$
eq: - $0.578(-0.188)$

## 52: 18/13 5/3



| $1 . \sqrt{ }$ | 4-ply | 18/13 5/3 |
| :---: | :---: | :---: |
|  | Player: | 67.89\% (G:2.94\% B:0.04\%) |
|  | Opponent: | 32.11\% (G:1.97\% B:0.03\%) |
| 2. | 4-ply | 18/13 3/1 |
|  | Player: | 67.48\% (G:2.98\% B:0.04\%) |
|  | Opponent: | 32.52\% (G:2.13\% B:0.03\%) |
| 3. | 4-ply | 18/13 4/2 |
|  | Player: | 67.20\% (G:2.72\% B:0.03\%) |
|  | Opponent: | 32.80\% (G:2.23\% B:0.03\%) |
| 4. | 4-ply | 18/13 6/4 |
|  | Player: | 66.86\% (G:2.72\% B:0.04\%) |
|  | Opponent: | 33.14\% (G:2.35\% B:0.04\%) |
| 5. | 3-ply | 18/11 |
|  | Player: | 64.21\% (G:7.43\% B:0.13\%) |
|  | Opponent: | 35.79\% (G:3.49\% B:0.04\%) |

eq: +0.393
eq: $+0.385(-0.008)$
eq: $+0.376(-0.017)$
eq: +0.370 (-0.023)
eq: $+0.374(-0.019)$

42: 6/2 5/3


XGID=--BCBBBc----bD-----ccbaa--:1:-1:-1:42:3:8:0:9:10 Pip=95-126

1. $\sqrt{ }$ 4-ply

6/2 5/3
Player: $\quad 30.71 \%$ (G:1.73\% B:0.02\%) Opponent: $\quad 69.29 \%$ (G:3.16\% B:0.02\%)
2. 4-ply

Player: Opponent:
3. 4-ply

Player:
Opponent:
3-ply Player:
Opponent:
5. 3-ply

Player: Opponent:

13/11 13/9
30.01\% (G:1.71\% B:0.01\%)
69.99\% (G:2.46\% B:0.03\%)

6/2 3/1
28.42\% (G:1.53\% B:0.01\%)
$71.58 \%$ (G:3.58\% B:0.03\%)
5/1 3/1
29.10\% (G:2.01\% B:0.02\%)
$70.90 \%$ (G:4.44\% B:0.07\%) 6/4 5/1
28.54\% (G:2.24\% B:0.03\%)
$71.46 \%$ (G:5.30\% B:0.11\%)

## 22: 13/11(4)



XGID=--BCBBBc----bD-----bbbbb--:1:-1:1:22:3:8:0:9:10 Pip=95-120

| $1 . \sqrt{ }$ | 3-ply | 13/11(4) |
| :---: | :---: | :---: |
|  | Player: | 81.72\% (G:2.01\% B:0.01\%) |
|  | Opponent: | 18.28\% (G:0.48\% B:0.02\%) |
| 2. | 2-ply | 13/9(2) |
|  | Player: | 66.39\% (G:3.14\% B:0.05\%) |
|  | Opponent: | 33.61\% (G:2.02\% B:0.03\%) |
| 3. | 1-ply | 6/4 5/1 3/1 |
|  | Player: | 61.64\% (G:3.55\% B:0.02\%) |
|  | Opponent: | 38.36\% (G:3.60\% B:0.02\%) |
| 4. | 1-ply | 5/1(2) |
|  | Player: | 61.22\% (G:3.59\% B:0.02\%) |
|  | Opponent: | 38.78\% (G:3.15\% B:0.01\%) |
| 5. | 1-ply | 6/2 3/1(2) |
|  | Player: | 60.93\% (G:3.31\% B:0.02\%) |
|  | Opponent: | 39.07\% (G:3.72\% B:0.01\%) |

eq: -0.423
eq: -0.429 (-0.006)
eq: -0.474 (-0.051)
eq: - $0.471(-0.048)$
eq: -0.494 (-0.071)
eq: +0.658
eq: +0.365 (-0.292)
eq: $+0.274(-0.384)$
eq: +0.266 (-0.392)
eq: $+0.257(-0.401)$

53: 18/10


## 42: $11 / 5$



| XGID=--BCBBBb---Db--a---bbbbb--1:-1:1:42:3:8:0:9:10 |  |  | Pip $=87-112$ |
| :---: | :---: | :---: | :---: |
| 1. | 4-ply | 5/1 3/1 |  |
|  | Player: | 79.48\% (G:1.04\% B:0.01\%) |  |
|  | Opponent: | 20.52\% (G:0.45\% B:0.00\%) |  |
| 2. ${ }^{\text {de }}$ | 4-ply | 6/2 3/1 |  |
|  | Player: | 79.28\% (G:0.89\% B:0.01\%) |  |
|  | Opponent: | 20.72\% (G:0.53\% B:0.01\%) |  |
| 3. | 4-ply | 6/4 5/1 |  |
|  | Player: | 79.05\% (G:0.98\% B:0.01\%) |  |
|  | Opponent: | 20.95\% (G:0.56\% B:0.01\%) |  |
| 4.V | 4-ply | 11/5 |  |
|  | Player: | 78.62\% (G:0.97\% B:0.01\%) |  |
|  | Opponent: | 21.38\% (G:0.43\% B:0.00\%) |  |
| 5. | 3-ply | 5/1 4/2 |  |
|  | Player: | 78.60\% (G:1.24\% B:0.01\%) |  |
|  | Opponent: | 21.40\% (G:0.78\% B:0.01\%) |  |

eq: +0.602
eq: +0.596 (-0.006)
eq: +0.592 (-0.009)
eq: $+0.584(-0.018)$
eq: +0.586 (-0.015)


XGID=--BCBCBb---Cb--a---bbbbb--:1:-1:-1:31:3:8:0:9:10 Pip=81-112

1. $\sqrt{4}$-ply

13/12 10/7
Player: $\quad 19.63 \%$ (G:0.50\% B:0.00\%) Opponent: $\quad 80.37 \%$ (G:1.38\% B:0.01\%)
4-ply
Player: Opponent:
3. 4-ply Player:
Opponent:
4. 4-ply

Player:
Opponent:
5. 3-ply

Player: Opponent:

13/12 13/10
19.42\% (G:0.51\% B:0.00\%)
80.58\% (G:1.47\% B:0.01\%)

10/6
19.34\% (G:0.50\% B:0.00\%)
80.66\% (G:1.51\% B:0.01\%)

13/9
19.19\% (G:0.49\% B:0.00\%)
80.81\% (G:1.50\% B:0.01\%)

13/10 6/5
18.21\% (G:0.33\% B:0.00\%)
81.79\% (G:1.61\% B:0.01\%)

## 61: 11/4



XGID=--BCBCBb---Caa----abbbbb--:1:-1:1:61:3:8:0:9:10 Pip=81-108

| $1 . \sqrt{ }$ | 4-ply | 11/4 |
| :---: | :---: | :---: |
|  | Player: | 76.43\% (G:0.87\% B:0.00\%) |
|  | Opponent: | 23.57\% (G:0.60\% B:0.01\%) |
| 2. | 4-ply | 11/5 3/2 |
|  | Player: | 76.30\% (G:0.83\% B:0.00\%) |
|  | Opponent: | 23.70\% (G:0.65\% B:0.01\%) |
| 3. | 4-ply | 11/5 2/1 |
|  | Player: | 76.09\% (G:0.89\% B:0.00\%) |
|  | Opponent: | 23.91\% (G:0.71\% B:0.01\%) |
| 4. | 4-ply | 11/5 4/3 |
|  | Player: | 75.88\% (G:0.92\% B:0.00\%) |
|  | Opponent: | 24.12\% (G:0.89\% B:0.02\%) |
| 5. | 3-ply | 11/5 6/5 |
|  | Player: | 76.80\% (G:1.22\% B:0.01\%) |
|  | Opponent: | 23.20\% (G:0.67\% B:0.00\%) |

eq: -0.629 (-0.005)
eq: -0.631 (-0.007)
eq: - $0.634(-0.010)$
eq: -0.655 (-0.031)
eq: +0.539
eq: +0.536 (-0.003)
eq: $+0.532(-0.007)$
eq: +0.528 (-0.010)
eq: $+0.550(+0.012)$


XGID=--BCCCBb---Baa----abbbbb--:1:-1:-1:51:3:8:0:9:10 Pip=74-108

| $1 . \checkmark$ | 4-ply | 13/7 | eq: -0.550 |
| :---: | :---: | :---: | :---: |
|  | Player: | 22.98\% (G:0.78\% B:0.01\%) |  |
|  | Opponent: | 77.02\% (G:0.87\% B:0.00\%) |  |
| 2. | 4-ply | 13/8 12/11 | eq: -0.567 (-0.016) |
|  | Player: | 22.32\% (G:0.72\% B:0.00\%) |  |
|  | Opponent: | 77.68\% (G:1.09\% B:0.02\%) |  |
| 3. | 4-ply | 12/6 | eq: -0.577 (-0.027) |
|  | Player: | 21.83\% (G:0.70\% B:0.00\%) |  |
|  | Opponent: | 78.17\% (G:1.18\% B:0.02\%) |  |
| 4. | 4-ply | 13/8 7/6 | eq: -0.579 (-0.029) |
|  | Player: | 21.62\% (G:0.64\% B:0.00\%) |  |
|  | Opponent: | 78.38\% (G:0.99\% B:0.01\%) |  |
| 5. | 3-ply | 12/11 7/2 | eq: -0.601 (-0.051) |
|  | Player: | 20.84\% (G:0.46\% B:0.01\%) |  |
|  | Opponent: | 79.16\% (G:1.58\% B:0.01\%) |  |

## 64: 11/1



| XGID=--BCCCBb---B-a----bbbbbb--:1:-1:1:64:3:8:0:9:10 |  | Pip $=74-102$ |
| :---: | :---: | :---: |
| 1.V 4-ply | 11/1 |  |
| Player: | 55.13\% (G:0.35\% B:0.00\%) |  |
| Opponent: | 44.87\% (G:1.60\% B:0.04\%) |  |
| 2. 4-ply | 11/5 6/2 |  |
| Player: | 54.84\% (G:0.33\% B:0.00\%) |  |
| Opponent: | 45.16\% (G:1.81\% B:0.06\%) |  |

eq: +0.107
eq: +0.101 (-0.006)

## 53: 12/4



XGID=-ABCCCBb---A-a----bbbbbb--:1:-1:-1:53:3:8:0:9:10 Pip=64-102

1. $\sqrt{ }$ 4-ply

Player:
2. 4-ply Player: Opponent:
3. 4-ply Player:
Opponent:
7.98\% (G:0.30\% B:0.01\%) 92.02\% (G:0.61\% B:0.00\%)

12/9 7/2
7.45\% (G:0.25\% B:0.00\%) 92.55\% (G:0.90\% B:0.01\%)

7/4 7/2
7.28\% (G:0.18\% B:0.00\%)
92.72\% (G:0.97\% B:0.00\%)

12/9 6/1
5.98\% (G:0.25\% B:0.01\%)
94.02\% (G:1.59\% B:0.04\%) 12/7 5/2
6.19\% (G:0.15\% B:0.01\%) 93.81\% (G:1.39\% B:0.01\%)
eq: -0.847
eq: -0.862 (-0.014)
eq: -0.866 (-0.018)
eq: - $0.900(-0.053)$
eq: -0.892 (-0.045)

## 52: 11/6 2/Off




1. 4 -ply

Player:
Opponent:
2. 4-ply

Player:
Opponent:
3. 4-ply Player:
Opponent:
4. 4-ply Player: Opponent:
5. 4-ply Player: Opponent:

11/6 2/Off
98.16\% (G:0.48\% B:0.00\%)
1.84\% (G:0.00\% B:0.00\%)

11/6 3/1
98.06\% (G:0.26\% B:0.00\%)
1.94\% (G:0.00\% B:0.00\%)

11/4
(G:0.30\% B:0.00\%)
2.04\% (G:0.00\% B:0.00\%)
11/6 4/2
97.90\% (G:0.27\% B:0.00\%) 2.10\% (G:0.00\% B:0.00\%) 11/9 6/1
$65.38 \%$ (G:0.21\% B:0.00\%) 34.62\% (G:1.23\% B:0.04\%)
eq: +0.969
eq: +0.964 (-0.005)
eq: +0.963 (-0.006)
eq: $+0.961(-0.008)$
eq: $+0.310(-0.659)$


XGID=-AACCCCb----------bbbcbb--:1:-1:-1:31:3:8:0:9:10 Pip=57-94

| 1.7 | 4-ply | 18/15 7/6 | eq: -0.985 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $0.98 \%$ (G:0.00\% B:0.00\%) $99.02 \%$ (G:0.39\% B:0.00\%) |  |
| 2. 28 | 4-ply | 7/6 7/4 | eq: -0.988 (-0.004) |
|  | Player: <br> Opponent: | $\begin{aligned} & \text { 0.98\% (G:0.00\% B:0.00\%) } \\ & 99.02 \% \text { (G:0.70\% B:0.00\%) } \end{aligned}$ |  |
| 3. | 4-ply | 6/5 4/1 | eq: -1.002 (-0.017) |
|  | Player: | 0.73\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.27\% (G:1.42\% B:0.00\%) |  |
| 4. | 3-ply | 7/4 2/1 | eq: -0.991 (-0.006) |
|  | Player: | 0.90\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.10\% (G:0.77\% B:0.00\%) |  |
| 5. | 3-ply | 7/6 4/1 | eq: -0.992 (-0.007) |
|  | Player: | 0.86\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.14\% (G:0.77\% B:0.00\%) |  |

eq: +0.986
eq: +0.984 (-0.002)
eq: +0.983 (-0.003)
eq: +0.981 (-0.005)
eq: +0.980 (-0.005)


| XGID=-A-CCCBa--a-------acbcbb--:1:-1:-1:42:3:8:0:9:10 |  |  | Pip $=49-90$ | eq: -0.994 |
| :---: | :---: | :---: | :---: | :---: |
| 1. ${ }^{\text {d }}$ | 4-ply | 15/11 7/5 |  |  |
| 2. | Player: | 0.49\% (G:0.00\% B:0.00\%) |  |  |
|  | Opponent: | 99.51\% (G:0.34\% B:0.00\%) |  |  |
|  | 4-ply | 18/16 15/11 |  | eq: -0.994 (0.000) |
|  | Player: | 0.43\% (G:0.00\% B:0.00\%) |  |  |
|  | Opponent: | 99.57\% (G:0.26\% B:0.00\%) |  |  |
| 3.7 | 4-ply | 18/12 |  | eq: -0.995 (-0.001) |
|  | Player: | 0.42\% (G:0.00\% B:0.00\%) |  |  |
|  | Opponent: | 99.58\% (G:0.26\% B:0.00\%) |  |  |
| 4. | 4-ply | 18/14 15/13 |  | eq: -0.995 (-0.001) |
|  | Player: | 0.38\% (G:0.00\% B:0.00\%) |  |  |
|  | Opponent: | 99.62\% (G:0.27\% B:0.00\%) |  |  |
| 5. | 3-ply | 15/9 |  | eq: -0.995 (-0.001) |
|  | Player: | 0.41\% (G:0.00\% B:0.00\%) |  |  |
|  | Opponent: | 99.59\% (G:0.28\% B:0.00\%) |  |  |

## 63: 6/Off 3/Off



| 1. | 4-ply | 6/Off 3/Off |
| :--- | :--- | :--- |
|  | Player: | $99.75 \%$ (G:0.24\% B:0.00\%) |
|  | Opponent: | $0.25 \%$ (G:0.00\% B:0.00\%) |
| 2. | 4-ply | 6/Off $5 / 2$ |
|  | Player: | $99.72 \%$ (G:0.08\% B:0.00\%) |
|  | Opponent: | $0.28 \%$ (G:0.00\% B:0.00\%) |
| 3. | 3-ply | $6 / \mathrm{Off} 4 / 1$ |
|  | Player: | $99.65 \%$ (G:0.06\% B:0.00\%) |
|  | Opponent: | $0.35 \%$ (G:0.00\% B:0.00\%) |
| 4. | 3-ply | 6/3 6/Off |
|  | Player: | $99.59 \%$ (G:0.07\% B:0.00\%) |
|  | Opponent: | $0.41 \%$ (G:0.00\% B:0.00\%) |

eq: +0.998
eq: $+0.995(-0.002)$
eq: +0.994 (-0.004)
eq: +0.992 (-0.005)


XGID=-A-BCCA---a--a----acbcbb--:1:-1:-1:32:3:8:0:9:10 Pip=40-84

1. $\sqrt{4}$-ply

15/10
0.08\% (G:0.00\% B:0.00\%) 99.92\% (G:0.54\% B:0.00\%)

15/12 7/5
0.09\% (G:0.00\% B:0.00\%) 99.91\% (G:0.63\% B:0.00\%)

15/13 12/9
0.06\% (G:0.00\% B:0.00\%)
99.94\% (G:0.68\% B:0.00\%)

12/9 7/5
0.10\% (G:0.00\% B:0.00\%)
99.90\% (G:0.61\% B:0.00\%) 15/13 7/4
0.10\% (G:0.00\% B:0.00\%)
99.90\% (G:0.80\% B:0.00\%)
eq: -1.005
eq: -1.005 (-0.001)
eq: -1.007 (-0.002)
eq: -1.005 (0.000)
eq: -1.007 (-0.003)

## 62: 6/Off 4/2



[^2]eq: +0.999
eq: +0.999 (0.000)
eq: $+0.999(+0.000)$
eq: $+0.999(0.000)$

43: 12/9 10/6


XGID=-AABBC-------a-a--acbcbb--:1:-1:-1:43:3:8:0:9:10 Pip=32-79

1. $\sqrt{4}$-ply

12/9 10/6
0.02\% (G:0.00\% B:0.00\%) 99.98\% (G:0.01\% B:0.00\%)

10/6 7/4
0.03\% (G:0.00\% B:0.00\%) 99.97\% (G:0.05\% B:0.00\%) 12/5
0.02\% (G:0.00\% B:0.00\%)
99.98\% (G:0.04\% B:0.00\%)

12/8 10/7
0.01\% (G:0.00\% B:0.00\%)
99.99\% (G:0.04\% B:0.00\%)

10/6 4/1
0.03\% (G:0.00\% B:0.00\%)
99.97\% (G:0.06\% B:0.00\%)
eq: -1.000
eq: -1.000 (0.000)
eq: -1.000 (0.000)
eq: -1.000 (0.000)
eq: -1.000 (0.000)

## 62: 5/Off 2/Off




1. $\sqrt{ }$ 4-ply $5 /$ Off $2 /$ Off Player: $\quad 99.98 \%$ (G:0.01\% B:0.00\%) Opponent:
2. 4-ply Player:
Opponent:
3. 3-ply Player: Opponent:
4. 3-ply Player: Opponent:
0.02\% (G:0.00\% B:0.00\%)

5/Off 4/2
99.98\% (G:0.01\% B:0.00\%)
0.02\% (G:0.00\% B:0.00\%)

5/3 5/Off
99.98\% (G:0.01\% B:0.00\%)
0.02\% (G:0.00\% B:0.00\%)

5/Off 3/1
$99.98 \%$ (G:0.00\% B:0.00\%) 0.02\% (G:0.00\% B:0.00\%)
eq: +1.000
eq: +1.000 (0.000)
eq: $+1.000(+0.000)$
eq: +1.000


XGID=-A-BBB----------a-adbcbb--:1:-1:-1:21:3:8:0:9:10 Pip=25-72

1. $\sqrt{4}$-ply 9/6
Player: $\quad 0.00 \%$ (G:0.00\% B:0.00\%) Opponent: $\quad 100.00 \%$ (G:0.00\% B:0.00\%)
2. 4-ply

Player: Opponent:
3. 4-ply Player: Opponent:
3-ply Player:
Opponent:
5. 3-ply Player: Opponent

7/5 2/1
0.00\% (G:0.00\% B:0.00\%) 100.00\% (G:0.03\% B:0.00\%)

9/8 3/1
0.00\% (G:0.00\% B:0.00\%)
100.00\% (G:0.52\% B:0.00\%)

7/6 3/1
0.02\% (G:0.00\% B:0.00\%)
99.98\% (G:0.06\% B:0.00\%) 9/8 7/5
0.01\% (G:0.00\% B:0.00\%)
99.99\% (G:0.19\% B:0.00\%)

## 31: 3/Off 1/Off


 $1 \sqrt{ } 4$-ply 3/Off 1 /Off Player: 3/Off 1/Off 99.99\% (G:0.00\% B:0.00\%) 0.01\% (G:0.00\% B:0.00\%) Opponent:
2.de 4-ply Player: $99.99 \% ~(G: 0.00 \%$ B:0.00\%)
$0.01 \%$ (G:0.00\% B:0.00\%)

$$
5 / 21 / \mathrm{Off}
$$

99.99\% (G:0.00\% B:0.00\%) 0.01\% (G:0.00\% B:0.00\%)

$$
4 / 13 / 2
$$

99.99\% (G:0.00\% B:0.00\%) $0.01 \%$ (G:0.00\% B:0.00\%)

$$
\begin{aligned}
& \text { 3/2 3/Off } \\
& \text { 99.99\% (G:0.00\% B:0.00\%) }
\end{aligned}
$$

eq: +1.000
eq: +1.000
eq: +1.000 (0.000)
eq: +1.000 (0.000)
eq: +1.000 (0.000)

$$
0.01 \% \text { (G:0.00\% B:0.00\%) }
$$



## 62: 5/Off 4/2

eq: -1.000
eq: -1.000 (0.000)
eq: -1.000 (0.000)
eq: -1.000 (0.000)
eq: -1.000 (0.000)
eq: +1.000
eq: +1.000
eq: +1.000

## 55: 6/1(3) 5/Off


eq: -1.000
eq: -1.000

## 63: 5/Off 3/Off



42: 4/Off 2/Off



## 42: 4/Off 2/Off



| 1. 4 -ply | 4/Off $2 / \mathrm{Off}$ | eq: +1.000 |
| :--- | :---: | :---: |
| Player: | $100.00 \%(\mathrm{G}: 0.00 \% \mathrm{~B}: 0.00 \%)$ |  |
| Opponent: | $0.00 \%(\mathrm{G}: 0.00 \% \mathrm{~B}: 0.00 \%)$ | eq: +1.000 |
| 2. 4 -ply | $4 / \mathrm{Off}$ |  |
| Player: | $100.00 \%(\mathrm{G}: 0.00 \% \mathrm{~B}: 0.00 \%)$ |  |

## Wins a Single Game 2pts.

Game Summary:

| Thorleif $Q$ | Category | Rune F $\bigcirc$ |
| :---: | :---: | :---: |
| World Class $(-0.0079)$ | Total Error | World Champ. $(-0.0026)$ |
| World Class $(-0.0081)$ | Checker Play | World Champ. $(-0.0028)$ |
| World Champ. $(+0.0000)$ | Cube Play | World Champ. $(+0.0000)$ |
| 3.93 | Performance Rating | 1.32 |


| $1(1)$ | Move Errors | 1 |
| :---: | :---: | :---: |
| $-0.228(-3.53 \%)$ | Equity lost (cost) | $-0.061(-0.92 \%)$ |
| 0 | Double Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
|  |  | 0 |
| 0 | Take Errors | +0.000 |
| +0.000 | Equity lost (cost) |  |
|  |  | 1 |
| $1(1)$ | Total Error | $-0.061(-0.92 \%)$ |
| $-0.228(-3.53 \%)$ | Equity lost (cost) | 2 |
| 1 | Jokers | $-1.132(-17.24 \%)$ |
| $+1.132(+17.24 \%)$ | Luck |  |

## Game 6

9 point match, Score is Thorleif: 5, Rune F: 8

${ }^{1}$ Generated by GameSite 2000, Ltd on 21.05.2011 using eXtreme Gammon 2.00 Analyzed in XG Roller++


$$
\text { Double/Pass: } \quad+1.000(+0.287)
$$

Best Cube action: Double / Take
66: 24/18(2) 13/7(2)


1. $\sqrt{ }$ 3-ply 24/18(2) 13/7(2) Player: $\quad 61.02 \%$ (G:14.17\% B:0.53\%) Opponent: $\quad 38.98 \%$ (G:7.88\% B:0.21\%)
2-ply Player: Opponent:

$$
\begin{gathered}
24 / 1813 / 7(3) \\
49.86 \% \text { (G:13.22\% B:0.61\%) }
\end{gathered}
$$ 50.14\% (G:14.10\% B:0.60\%)

24/18(2) 8/2(2)
50.53\% (G:12.56\% B:0.40\%) 49.47\% (G:12.56\% B:0.37\%)

13/7(2) 8/2(2)

## 22: 24/20(2)


eq: $+0.159(-0.359)$
eq: $+0.155(-0.363)$
eq: +0.518
eq: +0.275 (-0.243)
eq: $+0.274(-0.243)$
eq: -0.301
eq: - $0.346(-0.044)$
eq: - $0.361(-0.059)$
eq: - $0.395(-0.094)$
eq: -0.397 (-0.095)

## 32: 13/8



| 1. ${ }^{4}$ | 4-ply | 6/4 6/3 |
| :---: | :---: | :---: |
|  | Player: | 57.14\% (G:5.07\% B:0.12\%) |
|  | Opponent: | 42.86\% (G:5.08\% B:0.15\%) |
| $2 . \sqrt{ }$ | 4-ply | 13/8 |
|  | Player: | 57.11\% (G:4.86\% B:0.09\%) |
|  | Opponent: | 42.89\% (G:5.08\% B:0.16\%) |
| 3. | 4-ply | 8/3 |
|  | Player: | 56.37\% (G:5.03\% B:0.10\%) |
|  | Opponent: | 43.63\% (G:5.47\% B:0.18\%) |
| 4. | 4-ply | 7/4 6/4 |
|  | Player: | 55.45\% (G:5.79\% B:0.13\%) |
|  | Opponent: | 44.55\% (G:5.88\% B:0.17\%) |
| 5. | 3-ply | 13/10 6/4 |
|  | Player: | 53.85\% (G:7.29\% B:0.21\%) |
|  | Opponent: | 46.15\% (G:6.85\% B:0.22\%) |

51: 13/8 6/5

eq: +0.248
eq: +0.244 (-0.004)
eq: +0.233 (-0.016)
eq: $+0.229(-0.019)$
eq: $+0.226(-0.022)$
eq: -0.271
eq: -0.278 (-0.007)
eq: - $0.322(-0.051)$
eq: $-0.344(-0.073)$
eq: - $0.362(-0.090)$

31: 8/7 6/3

eq: +0.208
eq: $+0.205(-0.003)$
eq: $+0.198(-0.010)$
eq: $+0.161(-0.048)$
eq: +0.126 (-0.083)

## 11: 6/3 5/4



XGID=---A-bDCC---dB---cBcc-----:1:-1:-1:11:5:8:0:9:10 Pip=134-149

| $1 . \sqrt{4}$ 4-ply | $6 / 35 / 4$ |
| :--- | :---: |
| Player: | $41.97 \%$ (G:5:52\% B:0.22\%) |

Opponent: $\quad 58.03 \%$ (G:5.13\% B:0.11\%)
2. 4-ply

Player:
Opponent:
41.60\% (G:5.61\% B:0.19\%)
$58.40 \%$ (G:5.39\% B:0.12\%) 5/4(2) $5 / 3$
eq: -0.268
eq: -0.281 (-0.013)
eq: -0.283 (-0.015)
eq: -0.284 (-0.015)
eq: -0.280 (-0.012)


64: 13/3


1. $\quad 13 / 3 \quad$ Pip=110-145
2. 3 -ply Player:
Opponent:
3. 3-ply

Player:
Opponent:
3. 3-ply

Player:
Opponent:
4. 3-ply Player: Opponent:
5. 3-ply Player: Opponent:

13/3
41.01\% (G:6.62\% B:0.24\%)
$58.99 \%$ (G:6.20\% B:0.05\%) 8/2 6/2
37.93\% (G:6.15\% B:0.18\%) 62.07\% (G:8.48\% B:0.11\%) 8/4 8/2
38.99\% (G:7.50\% B:0.24\%)
61.01\% (G:10.33\% B:0.14\%) 13/9 8/2
$38.53 \%$ (G:7.54\% B:0.27\%) 61.47\% (G:10.55\% B:0.14\%)

20/16 20/14
$37.71 \%$ (G:4.63\% B:0.24\%) 62.29\% (G:10.01\% B:0.19\%)
eq: -0.310
eq: -0.419 (-0.109)
eq: $-0.437(-0.127)$
eq: -0.451 (-0.141)
eq: $-0.456(-0.146)$32: 7/4 6/4
eq: +0.316
eq: $+0.304(-0.012)$
eq: +0.269 (-0.047)
eq: +0.241 (-0.075)
eq: +0.200 (-0.116)


## 32: 13/8



1. $\sqrt{ } 4$-ply

Player:
Opponent:
2. 4-ply

Player: Opponent:
3. 4-ply Player:
Opponent:
4. 4-ply Player: Opponent:
5. 3-ply Player: Opponent:

13/8
42.15\% (G:7.52\% B:0.24\%) $57.85 \%$ (G:7.52\% B:0.07\%) 8/3 41.57\% (G:7.27\% B:0.20\%) 58.43\% (G:7.89\% B:0.08\%) 8/5 6/4
41.21\% (G:7.28\% B:0.23\%) $58.79 \%$ (G:7.73\% B:0.08\%) 8/5 4/2 $41.30 \%$ (G:7.21\% B:0.20\%) $58.70 \%$ (G:8.03\% B:0.09\%) 13/10 8/6 42.48\% (G:9.48\% B:0.40\%) 57.52\% (G:10.36\% B:0.16\%)

Pip $=105-135$11: $8 / 7$ 4/3 4/2
eq: +0.292
eq: $+0.286(-0.007)$
eq: +0.263 (-0.030)
eq: +0.248 (-0.044)
eq: +0.258 (-0.034)
eq: -0.315
eq: -0.334 (-0.019)
eq: -0.338 (-0.023)
eq: -0.343 (-0.028)
eq: -0.368 (-0.053)


XGID=-B-ABbCBC---b----dBbbab---:1:-1:1:11:5:8:0:9:10 Pip=105-130

| 1. ${ }^{\text {def }}$ | 4-ply | 8/6 4/2 |
| :---: | :---: | :---: |
|  | Player: | 56.53\% (G:6.39\% B:0.06\%) |
| 2. | Opponent: | 43.47\% (G:6.98\% B:0.21\%) |
|  | 4-ply | 8/7(2) 8/6 |
|  | Player: | 56.57\% (G:5.86\% B:0.05\%) |
|  | Opponent: | 43.43\% (G:6.65\% B:0.19\%) |
| 3.7 | 4-ply | 8/7 4/3 4/2 |
|  | Player: | 55.95\% (G:6.34\% B:0.06\%) |
|  | Opponent: | 44.05\% (G:7.39\% B:0.20\%) |
| 4. | 4-ply | 8/7(3) 4/3 |
|  | Player: | 56.21\% (G:5.60\% B:0.05\%) |
|  | Opponent: | 43.79\% (G:6.89\% B:0.19\%) |
| 5. | 3-ply | 8/7 4/2 3/2 |
|  | Player: | 55.78\% (G:6.42\% B:0.05\%) |
|  | Opponent: | 44.22\% (G:7.74\% B:0.25\%) |

61: 8/2 5/4


eq: -0.312
eq: -0.316 (-0.004)
eq: -0.321 (-0.009)
eq: -0.362 (-0.050)
eq: $-0.375(-0.063)$

## 61: 8/7 8/2



|  | 4-ply | 8/7 8/2 |
| :---: | :---: | :---: |
|  | Player: | 55.54\% (G:6.13\% B:0.05\%) |
|  | Opponent: | 44.46\% (G:7.27\% B:0.18\%) |
| 2. | 4-ply | 8/2 7/6 |
|  | Player: | 54.07\% (G:6.58\% B:0.06\%) |
|  | Opponent: | 45.93\% (G:7.94\% B:0.21\%) |
| 3. | 4-ply | 7/1 3/2 |
|  | Player: | 52.35\% (G:5.92\% B:0.05\%) |
|  | Opponent: | 47.65\% (G:9.34\% B:0.27\%) |
| 4. | 4-ply | 8/1 |
|  | Player: | 50.52\% (G:6.94\% B:0.07\%) |
|  | Opponent: | 49.48\% (G:10.20\% B:0.29\%) |
| 5 | 3-ply | 8/2 3/2 |
|  | Player: | 50.48\% (G:7.83\% B:0.09\%) |
|  | Opponent: | 49.52\% (G:10.86\% B:0.31\%) |

## 41: 8/3



| 1. ${ }^{\text {d }}$ | 4-ply | 8/4 6/5 |
| :---: | :---: | :---: |
|  | Player: | 44.22\% (G:7.72\% B:0.18\%) |
|  | Opponent: | 55.78\% (G:7.13\% B:0.07\%) |
| 2.V | 4-ply | 8/3 |
|  | Player: | 43.86\% (G:8.13\% B:0.19\%) |
|  | Opponent: | 56.14\% (G:7.72\% B:0.09\%) |
| 3. | 4-ply | 8/4 3/2 |
|  | Player: | 43.60\% (G:7.64\% B:0.18\%) |
|  | Opponent: | 56.40\% (G:7.70\% B:0.08\%) |
| 4. | 4-ply | 5/1 2/1 |
|  | Player: | 42.82\% (G:6.97\% B:0.13\%) |
|  | Opponent: | 57.18\% (G:7.23\% B:0.05\%) |
| 5. | 3-ply | 8/4 2/1 |
|  | Player: | 43.02\% (G:7.94\% B:0.18\%) |
|  | Opponent: | 56.98\% (G:7.14\% B:0.08\%) |

eq: -0.265
eq: $-0.285(-0.019)$
eq: -0.290 (-0.024)
eq: -0.295 (-0.030)
eq: $-0.289(-0.024)$

55: 18/8(2)


XGID=-BBB-bCD----b----bBbabca--:1:-1:1:55:5:8:0:9:10 Pip=94-118

| $1 . \checkmark$ | 3-ply | 18/8(2) |
| :---: | :---: | :---: |
|  | Player: | 89.97\% (G:2.20\% B:0.00\%) |
|  | Opponent: | 10.03\% (G:0.21\% B:0.00\%) |
| 2. | 2-ply | 18/13 18/3 |
|  | Player: | 73.67\% (G:7.04\% B:0.09\%) |
|  | Opponent: | 26.33\% (G:2.08\% B:0.05\%) |
| 3. | 1-ply | 18/13(2) 7/2(2) |
|  | Player: | 69.54\% (G:4.55\% B:0.02\%) |
|  | Opponent: | 30.46\% (G:2.73\% B:0.03\%) |
| 4. | 1-ply | 18/13(2) 7/2 6/1 |
|  | Player: | 68.02\% (G:4.38\% B:0.02\%) |
|  | Opponent: | 31.98\% (G:3.00\% B:0.03\%) |
| 5. | 1-ply | 18/13 18/8 7/2 |
|  | Player: | 58.95\% (G:11.36\% B:0.07\%) |
|  | Opponent: | 41.05\% (G:7.73\% B:0.18\%) |

## 52: 13/6



eq: +0.846
eq: +0.621 (-0.225)
eq: +0.486 (-0.359)
eq: +0.452 (-0.393)
eq: +0.417 (-0.428)
eq: -0.857
eq: -0.858 (-0.001)
eq: -0.865 (-0.009)
eq: -0.868 (-0.011)
eq: -0.871 (-0.015)


XGID=-BBB-bCDB---a----b-cabca--:1:-1:1:31:5:8:0:9:10 Pip=74-111

| $1 . \checkmark$ | 4-ply | 7/6 7/4 |
| :---: | :---: | :---: |
|  | Player: | 91.08\% (G:1.43\% B:0.00\%) |
|  | Opponent: | 8.92\% (G:0.23\% B:0.00\%) |
| 2. | 4-ply | 7/4 2/1 |
|  | Player: | 89.22\% (G:1.21\% B:0.00\%) |
|  | Opponent: | 10.78\% (G:0.40\% B:0.00\%) |
| 3. | 4-ply | $7 / 4$ 3/2 |
|  | Player: | 89.11\% (G:1.24\% B:0.00\%) |
|  | Opponent: | 10.89\% (G:0.45\% B:0.00\%) |
| 4. | 4-ply | 7/3 |
|  | Player: | 88.49\% (G:1.16\% B:0.00\%) |
|  | Opponent: | 11.51\% (G:0.39\% B:0.00\%) |
| 5. | 3 -ply | 6/2 |
|  | Player: | 87.82\% (G:1.33\% B:0.00\%) |
|  | Opponent: | 12.18\% (G:0.30\% B:0.00\%) |

## 64: 13/9 8/2


eq: +0.852
eq: $+0.810(-0.042)$
eq: $+0.808(-0.043)$
eq: $+0.794(-0.057)$
eq: $+0.784(-0.067)$
eq: -0.855
eq: $-0.857(-0.002)$
eq: -0.861 (-0.006)
eq: $-0.864(-0.010)$
eq: $-0.941(-0.086)$

22: 8/4(2)


XGID=-BBBAbDBB-------aa-cabcb---:1:-1:1:22:5:8:0:9:10 Pip=70-101

| $1 . \sqrt{ }$ | 4-ply | 8/4(2) |
| :---: | :---: | :---: |
|  | Player: | 93.08\% (G:1.38\% B:0.00\%) |
|  | Opponent: | 6.92\% (G:0.10\% B:0.00\%) |
| 2. | 4-ply | 8/6 8/2 |
|  | Player: | 92.50\% (G:1.13\% B:0.00\%) |
|  | Opponent: | 7.50\% (G:0.12\% B:0.00\%) |
| 3. | 4-ply | 8/6 8/4 3/1 |
|  | Player: | 92.03\% (G:1.10\% B:0.00\%) |
|  | Opponent: | 7.97\% (G:0.18\% B:0.00\%) |
| 4. | 4-ply | 8/6(2) 4/2 3/1 |
|  | Player: | 91.16\% (G:0.69\% B:0.00\%) |
|  | Opponent: | 8.84\% (G:0.24\% B:0.00\%) |
| 5. | 3-ply | 8/6(2) 3/1(2) |
|  | Player: | 90.56\% (G:0.92\% B:0.00\%) |
|  | Opponent: | 9.44\% (G:0.09\% B:0.00\%) |

## 51: 9/4 6/5


eq: -0.899
eq: $-0.905(-0.006)$
eq: -0.922 (-0.022)
eq: -0.924 (-0.025)
eq: -0.920 (-0.021)


XGID=-BBBCbDB---------a-bbccb--:1:-1:1:51:5:8:0:9:10 Pip=62-95

| $1 . \checkmark$ | 4-ply | 7/6 7/2 | eq: +0.935 |
| :---: | :---: | :---: | :---: |
|  | Player: | 94.86\% (G:1.80\% B:0.01\%) |  |
|  | Opponent: | 5.14\% (G:0.03\% B:0.00\%) |  |
| 2. | 4-ply | 6/1 4/3 | eq: +0.837 (-0.098) |
|  | Player: | 90.63\% (G:1.15\% B:0.00\%) |  |
|  | Opponent: | 9.37\% (G:0.15\% B:0.00\%) |  |
| 3. | 3-ply | 6/1 2/1 | eq: +0.827 (-0.108) |
|  | Player: | 90.16\% (G:1.11\% B:0.00\%) |  |
|  | Opponent: | 9.84\% (G:0.08\% B:0.00\%) |  |
| 4. | 3-ply | 6/1 3/2 | eq: +0.823 (-0.112) |
|  | Player: | 90.05\% (G:1.06\% B:0.00\%) |  |
|  | Opponent: | 9.95\% (G:0.09\% B:0.00\%) |  |
| 5. | 1-ply | 7/1 | eq: +0.487 (-0.447) |
|  | Player: | 72.00\% (G:2.27\% B:0.01\%) |  |
|  | Opponent: | 28.00\% (G:0.84\% B:0.00\%) |  |

## 44: 20/4


eq: -0.894
eq: - $0.897(-0.003)$
eq: - $0.898(-0.004)$
eq: -0.901 (-0.007)
eq: -0.970 (-0.076)


XGID=-BCBCaE----------a-bbdcb--:1:-1:1:64:5:8:0:9:10 Pip=56-79

|  | 4-ply | 6/Off 4/Off | eq: +0.934 |
| :---: | :---: | :---: | :---: |
|  | Player: | 96.46\% (G:0.24\% B:0.00\%) |  |
|  | Opponent: | 3.54\% (G:0.00\% B:0.00\%) |  |
| 2 | 4-ply | 6/2 6/Off | eq: +0.900 (-0.034) |
|  | Player: | 94.68\% (G:0.29\% B:0.00\%) |  |
|  | Opponent: | 5.32\% (G:0.00\% B:0.00\%) |  |

## 31: 3/Off 1/Off



XGID=-BCBB-D-------a--a-bbdcb--:1:-1:1:31:5:8:0:9:10 Pip=46-70

| $1 . \sqrt{ }$ | 4-ply | 3/Off 1/Off | eq: +0.915 |
| :---: | :---: | :---: | :---: |
|  | Player: | 95.74\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 4.26\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply | 6/5 3/Off | eq: $+0.912(-0.002)$ |
|  | Player: | 95.62\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 4.38\% (G:0.00\% B:0.00\%) |  |
| 3. | 4-ply | 6/5 6/3 | eq: +0.899 (-0.016) |
|  | Player: | 94.96\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 5.04\% (G:0.00\% B:0.00\%) |  |
| 4. | 3-ply | 6/3 1/Off | eq: +0.901 (-0.013) |
|  | Player: | 95.06\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 4.94\% (G:0.00\% B:0.00\%) |  |
| 5. | 2-ply | 4/Off | eq: +0.876 (-0.039) |
|  | Player: | 93.79\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 6.21\% (G:0.00\% B:0.00\%) |  |

## 43: $11 / 78 / 5$



XGID=-ACAB-D-------a--a-bbdcb--:1:-1:-1:43:5:8:0:9:10 Pip=42-70

| $1 . \sqrt{ }$ | 4-ply | 11/7 8/5 |
| :---: | :---: | :---: |
|  | Player: | 2.80\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 97.20\% (G:0.00\% B:0.00\%) |
| 2. | 4-ply | 8/1 |
|  | Player: | 2.44\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 97.56\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 11/7 4/1 |
|  | Player: | 1.74\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 98.26\% (G:0.00\% B:0.00\%) |
| 4. | 3-ply | 11/4 |
|  | Player: | 2.43\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 97.57\% (G:0.00\% B:0.00\%) |
| 5. | 3-ply | 8/5 6/2 |
|  | Player: | 2.27\% (G:0.00\% B:0.00\%) |
|  | Opponent: | 97.73\% (G:0.00\% B:0.00\%) |

eq: -0.944
eq: - $0.951(-0.007)$
eq: $-0.965(-0.021)$
eq: -0.951 (-0.007)
eq: -0.955 (-0.011)


| $1 . \sqrt{ }$ | 4-ply | 6/Off(2) | eq: +0.982 |
| :---: | :---: | :---: | :---: |
|  | Player: | 99.09\% (G:0.00\% B B $0.000 \%$ ) |  |
|  | Opponent: | 0.91\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply Player: | 6/Off 4/1 3/Off 98.71\% (G:0.00\% B:0.00\%) | eq: +0.974 (-0.008) |
|  | Opponent: | 1.29\% (G:0.00\% B:0.00\%) |  |
| 3. | 4-ply | 6/3(2) 6/Off | eq: +0.973 (-0.009) |
|  | Player: | 98.66\% (G:0.00\% B B 0.00\%) |  |
|  | Opponent: | 1.34\% (G:0.00\% B:0.00\%) |  |
| 4. | 4-ply | 6/3(3) 4/1 | eq: +0.959 (-0.023) |
|  | Player: | 97.95\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | $\begin{gathered} \text { 2.05\% (G:0.00\% B:0.00\%) } \\ \text { G/3 } 6 / \text { Off A/1 } \end{gathered}$ | eq: +0.972 (-0.010) |
| 5. | Player: | 98.60\% (G:0.00\% B:0.00\%) | eq. 0.972 (0.010) |
|  | Opponent: | 1.40\% (G:0.00\% B:0.00\%) |  |

## 65: 7/1 5/Off


eq: -0.983
eq: - $0.987(-0.003)$
eq: -0.993 (-0.010)

## 61: 6/Off 1/Off



|  | 4-ply | 6/Off 1/Off | eq: +0.986 |
| :---: | :---: | :---: | :---: |
|  | Player: Opponent: | $99.28 \% \text { (G:0.00\% B:0.00\%) }$ 0.72\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply | 6/5 6/Off | eq: +0.980 (-0.005) |
|  | Player: Opponent: | 99.02\% (G:0.00\% B:0.00\%) 0.98\% (G:0.00\% B:0.00\%) |  |
| 3. | 1-ply | 6/Off 2/1 | eq: +0.979 (-0.006) |
|  | Player: Opponent: | $\begin{aligned} & 98.97 \% \text { (G:0.00\% B:0.00\%) } \end{aligned}$ |  |
| 4. | 1-ply | 6/Off 4/3 | eq: +0.977 (-0.008) |
|  | Player: | 98.87\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 1.13\% (G:0.00\% B:0.00\%) |  |
| 5. | 1-ply | 6/Off 3/2 | eq: +0.970 (-0.016) |
|  | Player: Opponent: | $98.50 \% \text { (G:0.00\% B:0.00\%) }$ <br> 1.50\% (G:0.00\% B•0.00\%) |  |

## 41: 4/Off 1/Off



| XGID=--CAB-A------------bbdcba-:1:-1:-1:41:5:8:0:9:10 |  |  | Pip $=23-52$ |
| :---: | :---: | :---: | :---: |
| $1 . \sqrt{\text { a }}$ | 4-ply | 4/Off 1/Off |  |
|  | Player: | 0.27\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.73\% (G:0.00\% B:0.00\%) |  |
| 2. | 4-ply | 6/2 1/Off |  |
|  | Player: | 0.12\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.88\% (G:0.00\% B:0.00\%) |  |
| 3. | 4-ply | 6/5 6/2 |  |
|  | Player: | 0.08\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.92\% (G:0.00\% B:0.00\%) |  |
| 4. | 1-ply | 6/5 4/Off |  |
|  | Player: | 0.11\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.89\% (G:0.00\% B:0.00\%) |  |
| 5. | 1-ply | 5/Off |  |
|  | Player: | 0.09\% (G:0.00\% B:0.00\%) |  |
|  | Opponent: | 99.91\% (G:0.00\% B:0.00\%) |  |

eq: -0.995
eq: -0.998 (-0.003)
eq: -0.998 (-0.004)
eq: -0.998 (-0.003)
eq: -0.998 (-0.004)

33: 6/Off 4/1 3/Off


66: 6/Off(2) 5/Off(2)



## 31: 4/Off


eq: +1.000
eq: +0.999 (0.000)

| 2. | 4-ply | $4 / 12 / 1$ |
| :--- | :--- | :--- |
|  | Player: | $90.40 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | $9.60 \%(\mathrm{G}: 0.00 \%$ B:0.00\%) |

- 51: 4/3 4/Off


XGID=-AC-----------------ccb--:1:-1:-1:51:5:8:0:9:10 Pip=7-25

| 1. | 3-ply | $4 / 3$ 4/Off |
| :--- | :--- | :--- |
|  | Player: | $0.14 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | $99.86 \%$ (G:0.00\% B:0.00\%) |
| 2. | 1-ply | $4 / \mathrm{Off} 3 / 2$ |
|  | Player: | $0.11 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | $99.89 \%$ (G:0.00\% B:0.00\%) |
| 3. | 1-ply | $4 / \mathrm{Off} 2 / 1$ |
|  | Player: | $0.11 \%$ (G:0.00\% B:0.00\%) |
|  | Opponent: | $99.89 \%$ (G:0.00\% B:0.00\%) |

## 41: 2/Off 1/Off



43: 4/Off 3/Off
eq: +0.808 (-0.157)
eq: -0.997
eq: $-0.998(-0.001)$
eq: -0.998 (-0.001)
eq: +0.990
eq: +0.969 (-0.021)


Wins a Single Game 2pts.
Game Summary:

| Thorleif | Category | Rune F |
| :---: | :---: | :---: |
| World Champ. $(-0.0009)$ | Total Error | World Champ. $(-0.0011)$ |
| World Champ. $(-0.0009)$ | Checker Play | World Champ. (-0.0011) |
| World Champ. $(+0.0000)$ | Cube Play | World Champ. $(+0.0000)$ |
| 0.43 | Performance Rating | 0.54 |
| 0 | Move Errors | 0 |
| $-0.016(-0.40 \%)$ | Equity lost (cost) | $-0.019(-0.48 \%)$ |
| 0 | Double Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
|  |  | 0 |
| 0 | Take Errors | 0 |


| +0.000 | Equity lost (cost) | +0.000 |
| :---: | :---: | :---: |
|  |  |  |
| 0 | Total Error | 0 |
| $-0.016(-0.40 \%)$ | Equity lost (cost) | $-0.019(-0.48 \%)$ |
| 2 |  | 0 |
| $+0.678(+18.18 \%)$ | Jokers | $-0.678(-18.18 \%)$ |

## Game 7

## 9 point match, Score is Thorleif: 7, Rune F: 8


${ }^{1}$ Generated by Neil Kazaross on 05.06.2011 using eXtreme Gammon 2.00 46656 Games rolled with Variance Reduction.
Dice Seed: 78623594
Moves and cube decisions: 4-ply
${ }^{2}$ Generated by GameSite 2000, Ltd on 27.02 .2011 using eXtreme Gammon 2.00
10368 Games rolled with Variance Reduction.
Dice Seed: 38613390
Moves: 2-ply, cube decisions: 3-ply Red


XGID=-aa---E-C---dE---d-e----B-0:0:0:1:00:7:8:0:9:10 Pip=167-161
Analyzed in XG Roller+
No double
Double/Take

Player Winning Chances:
Opponent Winning Chances:
Cubeless Equities
Cubeful Equities
No double:
$\checkmark$ Double/Take:
齿 Double/Pass:
49.85\% (G:12.73\% B:0.48\%) 50.15\% (G:13.43\% B:0.57\%) +0.252
+0.914 (-0.081)
+0.995
+1.000 (+0.005)
49.87\% (G:12.72\% B:0.51\%) 50.13\% (G:13.03\% B:0.53\%) +0.995

Best Cube action: Double / Take
32: 24/22 13/10


| XGID=-aa-- | E-C---dE---d | B-1:-1:1:32:7:8:0:9:10 | Pip $=167-161$ |
| :---: | :---: | :---: | :---: |
| 1. 2 | 4-ply | 24/21 13/11 |  |
|  | Player: | 46.73\% (G:11.04\% B:0.42\%) |  |
|  | Opponent: | 53.27\% (G:14.27\% B:0.58\%) |  |
| 2. | 4-ply | 13/11 13/10 |  |
|  | Player: | 46.42\% (G:12.37\% B:0.49\%) |  |
|  | Opponent: | 53.58\% (G:14.96\% B:0.83\%) |  |
| 3. | 4-ply | 24/22 13/10 |  |
|  | Player: | 46.34\% (G:11.11\% B:0.42\%) |  |
|  | Opponent: | 53.66\% (G:15.05\% B:0.60\%) |  |
| 4. | 4-ply | 13/8 |  |
|  | Player: | 46.24\% (G:11.24\% B:0.40\%) |  |
|  | Opponent: | 53.76\% (G:14.44\% B:0.64\%) |  |
| 5. | 3-ply | 24/22 24/21 |  |
|  | Player: | 46.42\% (G:9.99\% B:0.39\%) |  |
|  | Opponent: | 53.58\% (G:14.55\% B:0.47\%) |  |

eq: -0.065
eq: - $0.072(-0.006)$
eq: -0.073 (-0.008)
eq: - $0.075(-0.010)$
eq: -0.072 (-0.006)

32: 24/21 23/21

eq: +0.023
eq: -0.002 (-0.025)
eq: - $0.026(-0.049)$

|  | Player: | $48.71 \%$ (G:12.86\% B:0.59\%) |
| :--- | :--- | :--- |
|  | Opponent: | $51.29 \%$ (G:14.36\% B:0.72\%) |
| 4. | 4-ply | $13 / 116 / 3^{*}$ |
|  | Player: | $48.47 \%$ (G:13.49\% B:0.63\%) |
|  | Opponent: | $51.53 \%$ (G:14.81\% B:0.84\%) |
| 5. | 3-ply | $24 / 226 / 3^{*}$ |
|  | Player: | 48.49\% (G:12.50\% B:0.56\%) |
|  | Opponent: | $51.51 \%$ (G:14.16\% B:0.64\%) |

## 31: 24/23 13/10



| 1.8. | XG Roller+ | 13/10 6/5 | Pip $=162-156$ |
| :---: | :---: | :---: | :---: |
|  | Player: | 50.09\% (G:11.27\% B:0.43\%) |  |
|  | Opponent: | 49.91\% (G:14.84\% B:0.61\%) |  |
| $2 . \sqrt{ }$ | XG Roller+ | 24/23 13/10 |  |
|  | Player: | 48.51\% (G:9.10\% B:0.33\%) |  |
|  | Opponent: | 51.49\% (G:14.23\% B:0.42\%) |  |
| 3. | 4-ply | 22/21 13/10 |  |
|  | Player: | 48.78\% (G:9.34\% B:0.29\%) |  |
|  | Opponent: | 51.22\% (G:12.86\% B:0.43\%) |  |
| 4. | 4-ply | 8/5 6/5 |  |
|  | Player: | 48.49\% (G:10.98\% B:0.37\%) |  |
|  | Opponent: | 51.51\% (G:12.81\% B:0.51\%) |  |
| 5. | 3-ply | 13/10 8/7 |  |
|  | Player: | 47.15\% (G:10.21\% B:0.35\%) |  |
|  | Opponent: | 52.85\% (G:14.67\% B:0.58\%) |  |

## 32: 13/11 6/3*


eq: +0.002
eq: -0.030 (-0.032)
eq: - $0.024(-0.026)$
eq: - $0.030(-0.032)$
eq: -0.057 (-0.059)
eq: -0.032
eq: -0.033 (-0.001)
eq: - $0.053(-0.021)$
eq: -0.062 (-0.030)

| Player: | 46.90\% (G:11.63\% B:0.31\%) |
| :--- | :--- |
| Opponent: | $53.10 \%$ (G:10.47\% B:0.35\%) |
| 3-ply | $6 / 1$ |
| Player: | $47.11 \%$ (G:10.85\% B:0.28\%) |
| Opponent: | $52.89 \%$ (G:9.00\% B:0.32\%) |

32: Bar/22* 23/21


| $1 . \downarrow$ | 4-ply | Bar/22* 23/21 |
| :---: | :---: | :---: |
|  | Player: | 54.85\% (G:14.51\% B:0.56\%) |
|  | Opponent: | 45.15\% (G:10.68\% B:0.39\%) |
| 2. | 4-ply | Bar/22* 22/20 |
|  | Player: | 53.36\% (G:13.49\% B:0.44\%) |
|  | Opponent: | 46.64\% (G:10.77\% B:0.39\%) |
| 3. | 4-ply | Bar/22* 13/11 |
|  | Player: | 52.79\% (G:13.57\% B:0.54\%) |
|  | Opponent: | 47.21\% (G:11.62\% B:0.48\%) |
| 4. | 4-ply | Bar/22* 8/6 |
|  | Player: | 51.44\% (G:13.18\% B:0.49\%) |
|  | Opponent: | 48.56\% (G:12.08\% B:0.46\%) |
| 5. | 3-ply | Bar/22* 10/8 |
|  | Player: | 48.28\% (G:12.05\% B:0.45\%) |
|  | Opponent: | 51.72\% (G:13.00\% B:0.50\%) |

Pip=161-151
$54.85 \%$ (G:14.51\% B:0.56\%)
Bar/22* 22/20
$53.36 \%$ (G:13.49\% B:0.44\%)
Bar/22* 13/11
52.79\% (G:13.57\% B:0.54\%)
Bar/22* 8/6
51.44\% (G:13.18\% B:0.49\%)
Bar/22* 10/8
48.28\% (G:12.05\% B:0.45\%) 51.72\% (G:13.00\% B:0.50\%)

## 65: Bar/14


eq: +0.097
eq: $+0.067(-0.030)$
eq: $+0.056(-0.041)$
eq: +0.029 (-0.068)
eq: $-0.034(-0.131)$
eq: -0.134
eq: -0.172 (-0.038)
eq: -0.194 (-0.060)
eq: -0.201 (-0.067)

22: $13 / 11^{*}(2)$ 11/9(2)


| XGID=----b | E-C-BacCa- | A---:1:-1:1:22:7:8:0:9:10 | Pip $=156-162$ |
| :---: | :---: | :---: | :---: |
| 1.8 | 4-ply | 22/14* |  |
|  | Player: | 57.20\% (G:14.12\% B:0.53\%) |  |
|  | Opponent: | 42.80\% (G:9.44\% B:0.33\%) |  |
| $2 . \sqrt{ }$ | 4-ply | 13/11*(2) 11/9(2) |  |
|  | Player: | 56.25\% (G:15.53\% B:0.66\%) |  |
|  | Opponent: | 43.75\% (G:9.93\% B:0.38\%) |  |
| 3. | 4-ply | 22/16 13/11* |  |
|  | Player: | 56.22\% (G:13.67\% B:0.51\%) |  |
|  | Opponent: | 43.78\% (G:10.37\% B:0.41\%) |  |
| 4. | 4-ply | 22/20 13/11*(3) |  |
|  | Player: | 55.87\% (G:15.93\% B:0.60\%) |  |
|  | Opponent: | 44.13\% (G:9.52\% B:0.31\%) |  |
| 5. | 3-ply | 13/11*(3) 8/6 |  |
|  | Player: | 54.59\% (G:15.35\% B:0.57\%) |  |
|  | Opponent: | 45.41\% (G:10.29\% B:0.29\%) |  |

eq: +0.144
eq: +0.125 (-0.019)
eq: $+0.124(-0.019)$
eq: +0.117 (-0.027)
eq: $+0.092(-0.052)$

41: Bar/21 13/12*


eq: -0.113
eq: -0.132 (-0.019)
eq: - $0.208(-0.095)$
eq: $-0.215(-0.102)$
eq: -0.217 (-0.104)


XGID=----c-E-CBB-baa--d-d-AA--A:1:-1:1:31:7:8:0:9:10 Pip=160-168

1. $\sqrt{4}$-ply

Player: Opponent:
2. 4-ply

Player: Opponent:
3. 4-ply Player: Opponent:
. 4-ply Player:
Opponent:
Bar/21
$55.45 \%$ (G:11.94\% B:0.43\%) 44.55\% (G:9.14\% B:0.28\%)

Bar/22 6/5
54.00\% (G:13.80\% B:0.63\%) 46.00\% (G:11.35\% B:0.44\%)

Bar/22 21/20
52.64\% (G:12.64\% B:0.50\%)
47.36\% (G:10.84\% B:0.36\%)

Bar/24 6/3
51.28\% (G:13.66\% B:0.61\%)
48.72\% (G:12.90\% B:0.64\%)

Bar/24 21/18
$51.20 \%$ (G:12.41\% B:0.48\%) 48.80\% (G:13.04\% B:0.48\%)

Player: Opponent

66: 13/7(2) 12/6 11/5

1.d.f XG Roller+ $\quad 13 / 7(2) 8 / 2(2)$

Player: $\quad 39.72 \%$ (G:9.33\% B:0.29\%)
Opponent: $\quad 60.28 \%$ (G:12.46\% B:0.47\%)
2. $\sqrt{ }$ XG Roller+ $\quad 13 / 7(2) 12 / 611 / 5$

Player: $\quad 38.73 \%$ (G:8.13\% B:0.28\%)
Opponent: $\quad 61.27 \%$ (G:12.38\% B:0.45\%)
4-ply
Player:
Opponent:
4. 4-ply

Player:
Opponent:
5. 3-ply Player: Opponent:
13/7(2) 12/6 8/2
$38.52 \%$ (G:7.90\% B:0.21\%) 61.48\% (G:11.30\% B:0.39\%)

13/7(2) 11/5 8/2
$37.51 \%$ (G:8.12\% B:0.23\%) 62.49\% (G:13.80\% B:0.49\%)

12/6 11/5 8/2(2)
36.79\% (G:7.68\% B:0.19\%)
63.21\% (G:14.34\% B:0.57\%)
eq: +0.109
eq: +0.080 (-0.029)
eq: +0.053 (-0.056)
eq: +0.026 (-0.083)
eq: $+0.024(-0.085)$
eq: -0.206
eq: $-0.225(-0.020)$
eq: -0.230 (-0.024)
eq: -0.250 (-0.044)
eq: -0.264 (-0.059)

## 64: 22/12


eq: +0.185
eq: $+0.178(-0.008)$
eq: +0.093 (-0.093)
eq: +0.091 (-0.094)
eq: +0.067 (-0.118)

## 52: 8/3 5/3



| XGID=-----E-CBB-A---dbeaB----1:-1:-1:1:52:7:8:0:0:9:10 |  |  | Pip $=146-144$ |
| :---: | :---: | :---: | :---: |
| $1 . \sqrt{ }$ | 4-ply | 8/3 5/3 |  |
|  | Player: <br> Opponent: | $\begin{aligned} & 37.55 \% \text { (G:7.08\% B:0.15\%) } \\ & \text { 62.45\% (G:8.27\% B:0.27\%) } \end{aligned}$ |  |
| 2.4.9 | 4-ply | 7/5 7/2 |  |
|  | Player: <br> Opponent: | $\begin{aligned} & 37.28 \% \text { (G:7.12\% B:0.14\%) } \\ & \text { 62.72\% (G:8.11\% B:0.26\%) } \end{aligned}$ |  |
| 3. | 4-ply | 8/3 7/5 |  |
|  | Player: | 36.76\% (G:7.22\% B:0.16\%) |  |
|  | Opponent: | 63.24\% (G:9.09\% B:0.28\%) |  |
| 4. | 4-ply | 7/5 6/1 |  |
|  | Player: | 35.67\% (G:7.27\% B:0.13\%) |  |
|  | Opponent: | 64.33\% (G:9.44\% B:0.30\%) |  |
| 5. | 3 -ply | 6/1 5/3 |  |
|  | Player: | 36.39\% (G:6.21\% B:0.15\%) |  |
|  | Opponent: | 63.61\% (G:8.74\% B:0.31\%) |  |

eq: -0.249
eq: $-0.254(-0.005)$
eq: - $0.265(-0.016)$
eq: $-0.287(-0.038)$
eq: - $0.272(-0.023)$

## 32: 12/10 6/3



51: 21/20 6/1

$\sqrt{4-p}$
Player:
Opponent:
37.44\% (G:7.76\% B:0.16\%)
62.56\% (G:10.00\% B:0.36\%)

21/20 8/3
36.22\% (G:7.16\% B:0.17\%)
63.78\% (G:10.57\% B:0.38\%) 8/7 6/1
35.97\% (G:7.59\% B:0.13\%) 64.03\% (G:9.22\% B:0.32\%) 6/5 6/1
$35.69 \%$ (G:7.45\% B:0.15\%) 64.31\% (G:10.11\% B:0.33\%) 8/2
$36.46 \%$ (G:6.54\% B:0.13\%) 63.54\% (G:9.01\% B:0.31\%)
eq: -0.251
eq: -0.276 (-0.024)
eq: -0.281 (-0.029)
eq: -0.286 (-0.035)
eq: -0.271 (-0.019)


| 1. ${ }^{\text {dev }}$ | XG Roller+ | 21/11(2) |
| :---: | :---: | :---: |
|  | Player: | 71.38\% (G:6.74\% B:0.20\%) |
|  | Opponent: | 28.62\% (G:2.66\% B:0.02\%) |
| 2. | XG Roller+ | 10/5*(3) 8/3 |
|  | Player: | 66.07\% (G:13.46\% B:0.51\%) |
|  | Opponent: | 33.93\% (G:7.06\% B:0.20\%) |
| 3. | 4-ply | 21/16 10/5*(2) 8/3 |
|  | Player: | 69.21\% (G:15.48\% B:0.82\%) |
|  | Opponent: | 30.79\% (G:6.70\% B:0.27\%) |
| 4. | 4-ply | 21/16 21/6 |
|  | Player: | 67.44\% (G:5.18\% B:0.14\%) |
|  | Opponent: | 32.56\% (G:3.38\% B:0.06\%) |
| 5. | 3-ply | 21/16(2) 6/1(2) |
|  | Player: | 66.85\% (G:6.86\% B:0.16\%) |
|  | Opponent: | 33.15\% (G:4.34\% B:0.06\%) |

eq: +0.428
eq: $+0.321(-0.106)$
eq: +0.384 (-0.044)
eq: +0.349 (-0.079)
eq: +0.337 (-0.091)
eq: -0.271
eq: -0.368 (-0.096)
eq: -0.387 (-0.116)
eq: $-0.524(-0.253)$


| XGID=a--BbCD-BB------cbd-Bb-a-:1:-1:-1:31:7:7:0:9:9:10 |  |  | Pip $=121-136$ |
| :---: | :---: | :---: | :---: |
| $1 . \sqrt{ }$ | 3-ply | Bar/21 |  |
|  | Player: | 36.45\% (G:6.32\% B:0.15\%) |  |
|  | Opponent: | 63.55\% (G:9.56\% B: $0.30 \%$ ) |  |
| 2. | 3 -ply | Bar/24 6/3 |  |
|  | Player: | 31.62\% (G:5.92\% B:0.16\%) |  |
|  | Opponent: | 68.38\% (G:13.91\% B:0.48\%) |  |
| 3. | 3 -ply | Bar/24 8/5 |  |
|  | Player: | 30.66\% (G:6.37\% B:0.19\%) |  |
|  | Opponent: | 69.34\% (G:20.95\% B:0.94\%) |  |
| 4. | 2-ply | Bar/24 21/18 |  |
|  | Player: | 23.80\% (G:4.75\% B:0.15\%) |  |
|  | Opponent: | 76.20\% (G:39.82\% B:3.37\%) |  |

[^3]

XGID $=---B c C D-B B-------c b d-B b-a-1:-1: 1: 11: 7: 8: 0: 9: 10 \quad$ Pip=121-132

| 1.4. ${ }^{\text {d }}$ | 4-ply | 21/20(2) 3/2(2) |
| :---: | :---: | :---: |
|  | Player: | 62.90\% (G:8.61\% B:0.25\%) |
|  | Opponent: | 37.10\% (G:5.42\% B:0.14\%) |
| $2 . \sqrt{ }$ | 4-ply | 21/20(2) 8/7(2) |
|  | Player: | 62.80\% (G:8.17\% B:0.25\%) |
|  | Opponent: | 37.20\% (G:4.82\% B:0.11\%) |
| 3. | 4-ply | 21/20(2) 3/1 |
|  | Player: | 62.25\% (G:8.72\% B:0.21\%) |
|  | Opponent: | 37.75\% (G:5.50\% B:0.15\%) |
| 4. | 4-ply | 21/20(2) 6/5 3/2 |
|  | Player: | 62.08\% (G:8.80\% B:0.25\%) |
|  | Opponent: | 37.92\% (G:5.78\% B:0.15\%) |
| 5. | 3-ply | 21/20(2) 6/5(2) |
|  | Player: | 61.82\% (G:7.89\% B:0.26\%) |
|  | Opponent: | 38.18\% (G:5.69\% B:0.15\%) |

22: 8/4 6/4 3/1


eq: -0.287
eq: -0.311 (-0.024)
eq: -0.340 (-0.053)
eq: -0.351 (-0.065)
eq: - $0.362(-0.075)$

## 43: 6/2 5/2



XGID=---BcCDB-B-------bbcBba-b-:1:-1:1:43:7:8:0:9:10 Pip=117-124

| 1.7 | 4-ply | 6/2 5/2 |
| :---: | :---: | :---: |
|  | Player: | 63.53\% (G:9.20\% B:0.30\%) |
|  | Opponent: | $36.47 \%$ (G:5.40\% B:0.11\%) |
| 2. | 4-ply | 6/3 6/2 |
|  | Player: | 61.08\% (G:9.26\% B:0.27\%) |
|  | Opponent: | 38.92\% (G:6.46\% B:0.16\%) |
| 3. | 4-ply | 6/3 5/1 |
|  | Player: | 60.56\% (G:8.93\% B:0.21\%) |
|  | Opponent: | 39.44\% (G:6.29\% B:0.15\%) |
| 4. | 3-ply | 9/6 9/5 |
|  | Player: | 57.67\% (G:7.87\% B:0.18\%) |
|  | Opponent: | 42.33\% (G:5.40\% B:0.11\%) |
| 5. | 3-ply | 20/16 6/3 |
|  | Player: | 57.36\% (G:13.26\% B:0.47\%) |
|  | Opponent: | 42.64\% (G:13.90\% B:0.24\%) |

## 52: 8/6 8/3



| XGID=--BBcBCB-B-------bbcBba-b-:1:-1:-1:52:7:8:0:9:10 |  |  | Pip=110-124 |
| :---: | :---: | :---: | :---: |
| $1 . \sqrt{ }$ | 3-ply | 8/6 8/3 |  |
|  | Player: | 32.86\% (G:4.07\% B:0.08\%) |  |
|  | Opponent: | 67.14\% (G:7.06\% B:0.16\%) |  |
| 2. | 3-ply | 8/3 6/4 |  |
|  | Player: | 27.63\% (G:3.73\% B:0.08\%) |  |
|  | Opponent: | 72.37\% (G:11.76\% B:0.30\%) |  |
| 3. | 3-ply | 7/2 4/2 |  |
|  | Player: | 26.45\% (G:4.18\% B:0.08\%) |  |
|  | Opponent: | 73.55\% (G:15.07\% B:0.58\%) |  |
| 4. | 3-ply | 6/1 3/1 |  |
|  | Player: | 26.18\% (G:2.43\% B:0.05\%) |  |
|  | Opponent: | 73.82\% (G:10.64\% B:0.38\%) |  |
| 5. | 3 -ply | 8/3 4/2 |  |
|  | Player: | 25.69\% (G:3.92\% B:0.08\%) |  |
|  | Opponent: | 74.31\% (G:14.74\% B:0.55\%) |  |

eq: -0.343
eq: - $0.447(-0.105)$
eq: $-0.471(-0.128)$
eq: -0.476 (-0.134)
eq: -0.486 (-0.143)63: 20/17 20/14


## 53: 7/2 6/3




| $1 . \sqrt{ }$ | 4-ply | 7/2 6/3 |
| :---: | :---: | :---: |
|  | Player: | 24.04\% (G:1.14\% B:0.01\%) |
|  | Opponent: | 75.96\% (G:5.00\% B:0.09\%) |
| 2. | 4-ply | 7/4 7/2 |
|  | Player: | 23.54\% (G:1.11\% B:0.01\%) |
|  | Opponent: | 76.46\% (G:5.00\% B:0.09\%) |
| 3. | 4-ply | 7/4 6/1 |
|  | Player: | 22.37\% (G:0.80\% B:0.01\%) |
|  | Opponent: | 77.63\% (G:5.02\% B:0.09\%) |
| 4. | 4-ply | 6/3 6/1 |
|  | Player: | 21.90\% (G:0.75\% B:0.01\%) |
|  | Opponent: | 78.10\% (G:5.36\% B:0.10\%) |
| 5. | 3-ply | 7/2 4/1 |
|  | Player: | 22.31\% (G:0.99\% B:0.01\%) |
|  | Opponent: | 77.69\% (G:6.71\% B:0.28\%) |

eq: -0.519
eq: -0.529 (-0.010)
eq: - $0.553(-0.033)$
eq: $-0.562(-0.043)$
eq: -0.554 (-0.035)


43: 21/17 7/4


| XGID=--BBcBDB-B------Aac-bcab-:1:-1:-1:43:7:8:0:9:10 |  |  | Pip $=93-109$ |
| :---: | :---: | :---: | :---: |
| 1.40 | XG Roller+ | 21/14 |  |
|  | Player: | 23.46\% (G:1.33\% B:0.02\%) |  |
| $2 . \sqrt{ }$ | Opponent: | 76.54\% (G:9.94\% B:0.24\%) |  |
|  | XG Roller+ | 21/17 7/4 |  |
|  | Player: | 20.70\% (G:1.20\% B:0.02\%) |  |
|  | Opponent: | 79.30\% (G:9.51\% B:0.21\%) |  |
| 3. | 4-ply | $7 / 4$ 6/2 |  |
|  | Player: | 21.13\% (G:0.59\% B:0.00\%) |  |
|  | Opponent: | 78.87\% (G:4.48\% B:0.07\%) |  |
| 4. | 4-ply | 21/17 6/3 |  |
|  | Player: | 19.54\% (G:0.94\% B:0.01\%) |  |
|  | Opponent: | 80.46\% (G:8.83\% B:0.24\%) |  |
| 5. | 3-ply | 6/3 6/2 |  |
|  | Player: | 19.75\% (G:0.50\% B:0.00\%) |  |
|  | Opponent: | 80.25\% (G:5.32\% B:0.15\%) |  |

## 52: 6/1 3/1



| XGID=--BBbBDBaB-------A-c-ccab-1:-1:1:52:7:8:0:9:10 |  |  | $\mathrm{Pip}=93-102$ |
| :---: | :---: | :---: | :---: |
| 1.der | 4-ply | 7/5 7/2 |  |
| 2. | Player: | 71.95\% (G:8.58\% B:0.20\%) |  |
|  | Opponent: | 28.05\% (G:1.29\% B:0.03\%) |  |
|  | 4-ply | 6/1 3/1 |  |
|  | Player: | 71.77\% (G:7.89\% B:0.13\%) |  |
| 3. | Opponent: | 28.23\% (G:2.13\% B:0.03\%) |  |
|  | 4-ply | 17/15 6/1 |  |
|  | Player: | 70.88\% (G:7.60\% B:0.25\%) |  |
| 4. | Opponent: | 29.12\% (G:2.22\% B:0.04\%) |  |
|  | 2-ply | 17/12 3/1 |  |
|  | Player: | 61.96\% (G:6.28\% B:0.22\%) |  |
| 5. | Opponent: | 38.04\% (G:3.65\% B:0.05\%) |  |
|  | 2-ply | 17/10 |  |
|  | Player: | 61.05\% (G:6.93\% B:0.35\%) |  |
|  | Opponent: | 38.95\% (G:3.11\% B:0.03\%) |  |

65: 17/6


eq: -0.496
eq: -0.587 (-0.091)
eq: -0.620 (-0.124)
eq: -0.673 (-0.177)
eq: -0.686 (-0.190)

55: 17/2 6/1


51: 6/1 3/2


XGID=-CCAbBBB-B---------d-ccab-:1:-1:-1:51:7:8:0:9:10 Pip=66-91

| $1 . \downarrow$ | 4-ply | 6/1 3/2 |
| :---: | :---: | :---: |
|  | Player: | 17.84\% (G:0.32\% B:0.00\%) |
|  | Opponent: | 82.16\% (G:1.40\% B:0.01\%) |
| 2. ${ }^{\text {deg }}$ | 4-ply | 6/5 6/1 |
|  | Player: | 17.64\% (G:0.32\% B:0.00\%) |
|  | Opponent: | 82.36\% (G:1.79\% B:0.01\%) |
| 3. | 4-ply | 6/1 4/3 |
|  | Player: | 16.23\% (G:0.28\% B:0.00\%) |
|  | Opponent: | 83.77\% (G:1.78\% B:0.01\%) |
| 4. | 4-ply | 6/1 2/1 |
|  | Player: | 15.64\% (G:0.23\% B:0.00\%) |
|  | Opponent: | 84.36\% (G:1.70\% B:0.01\%) |

52: 7/57/2
eq: -0.643
eq: -0.647 (-0.004)
eq: -0.675 (-0.032)
eq: -0.687 (-0.044)


XGID=-CCAbBBB-B---------c-cbbc-:1:-1:1:52:7:8:0:9:10 Pip=66-85

| $1 . V$ | 3-ply | 7/5 7/2 |
| :---: | :---: | :---: |
|  | Player: | 78.68\% (G:1.38\% B:0.01\%) |
|  | Opponent: | 21.32\% (G:0.55\% B:0.00\%) |
| 2. | 1-ply | 9/2 |
|  | Player: | 60.30\% (G:1.47\% B:0.01\%) |
|  | Opponent: | 39.70\% (G:1.80\% B:0.01\%) |
| 3. | 1-ply | 7/2 3/1 |
|  | Player: | 60.10\% (G:1.33\% B:0.01\%) |
|  | Opponent: | 39.90\% (G:2.01\% B:0.01\%) |
| 4. | 1-ply | 6/1 3/1 |
|  | Player: | 54.74\% (G:1.10\% B:0.01\%) |
|  | Opponent: | 45.26\% (G:2.95\% B:0.01\%) |
| 5. | 1-ply | 7/2 5/3 |
|  | Player: | 42.79\% (G:1.72\% B:0.01\%) |
|  | Opponent: | 57.21\% (G:7.36\% B:0.08\%) |

eq: +0.574
eq: +0.206 (-0.368)
eq: +0.202 (-0.372)
eq: +0.095 (-0.479)
eq: $-0.144(-0.718)$

## 64: 21/11


eq: -0.561
eq: -0.589 (-0.028)
eq: - $0.801(-0.241)$

## 61: 9/3 5/4*



XGID=-CDAaCB--B----a----c-cbbc-:1:-1:1:61:7:8:0:9:10 Pip=59-75

| $1 . \sqrt{ }$ | 4-ply | 9/3 5/4* |
| :---: | :---: | :---: |
|  | Player: | 68.81\% (G:2.56\% B:0.02\%) |
|  | Opponent: | 31.19\% (G:4.09\% B:0.08\%) |
| 2. | 4-ply | 9/8 9/3 |
|  | Player: | 64.50\% (G:0.38\% B:0.00\%) |
|  | Opponent: | 35.50\% (G:0.39\% B:0.01\%) |
| 3. | 2-ply | 9/3 2/1 |
|  | Player: | 59.76\% (G:0.55\% B:0.00\%) |
|  | Opponent: | 40.24\% (G:0.57\% B:0.01\%) |
| 4. | 2-ply | 9/2 |
|  | Player: | 56.10\% (G:0.32\% B:0.00\%) |
|  | Opponent: | 43.90\% (G:1.00\% B:0.02\%) |
| 5. | 1-ply | 9/3 6/5 |
|  | Player: | 41.36\% (G:0.39\% B:0.00\%) |
|  | Opponent: | 58.64\% (G:4.43\% B:0.02\%) |

## 54: Bar/21* 21/16*




| 1. | 3-ply | $\mathrm{Bar} / 21^{*} 21 / 16^{*}$ |
| :---: | :--- | :---: |
|  | Player: | $92.25 \%(\mathrm{G}: 26.25 \% \mathrm{~B}: 0.47 \%)$ |
| Opponent: | 7.75\% (G:0.23\% B:0.00\%) |  |
| 2. | 2-ply | $\mathrm{Bar} / 21^{*} 11 / 6$ |
|  | Player: | $79.12 \%(\mathrm{G}: 10.53 \% \mathrm{~B}: 0.16 \%)$ |
|  | Opponent: | $20.88 \%(\mathrm{G}: 0.38 \% \mathrm{~B}: 0.01 \%)$ |
| 3. | 1-ply | Bar/21* $6 / 1$ |
|  | Player: | $73.88 \%(\mathrm{G}: 10.19 \% \mathrm{~B}: 0.15 \%)$ |
|  | Opponent: | $26.12 \%(\mathrm{G}: 1.40 \% \mathrm{~B}: 0.01 \%)$ |

## 64: Cannot Move



64: 16/6

$1 . \sqrt{4-p l y}$
Player: Opponent:
2. 4-ply

Player: Opponent:
3. 4-ply

Player: Opponent
4. 4-ply

Player: Opponent:
5. 2-ply Player: Opponent:

16/6
95.40\% (G:26.52\% B:0.47\%) 4.60\% (G:0.01\% B:0.00\%)

16/10 11/7
93.99\% (G:28.00\% B:0.51\%) 6.01\% (G:0.03\% B:0.00\%)

11/1 93.70\% (G:22.51\% B:0.30\%) 6.30\% (G:0.05\% B:0.00\%)

16/10 6/2
93.00\% (G:26.00\% B:0.39\%) 7.00\% (G:0.20\% B:0.00\%)

16/12 11/5
84.48\% (G:24.42\% B:0.43\%) 15.52\% (G:1.03\% B:0.04\%)
eq: +0.908
eq: $+0.880(-0.028)$
eq: $+0.874(-0.034)$
eq: $+0.860(-0.048)$
eq: +0.690 (-0.218)

## 41: Cannot Move


eq: -0.913

21: 6/3


| 1.4. | 4-ply | 11/8 | eq: +0.922 |
| :---: | :---: | :---: | :---: |
|  | Player: <br> Opponent: | $\begin{aligned} & 96.12 \% ~(G: 28.13 \% ~ B: 0.53 \%) \\ & 3.88 \% ~(G: 0.01 \% \text { B:0.00\%) } \end{aligned}$ |  |
| 2.7 | 4-ply | 6/3 | eq: +0.913 (-0.010) |
|  | Player: <br> Opponent: | $\begin{aligned} & 95.64 \% ~(G: 27.03 \% ~ B: 0.46 \%) \\ & 4.36 \% ~(G: 0.02 \% ~ B: 0.00 \%) \end{aligned}$ |  |
| 3. | 4-ply | 11/9 4/3 | eq: +0.912 (-0.010) |
|  | Player: <br> Opponent: | $\begin{aligned} & 95.61 \% ~(\mathrm{G}: 26.46 \% \mathrm{~B}: 0.47 \%) \\ & 4.39 \% \text { (G:0.01\% B:0.00\%) } \end{aligned}$ |  |
| 4. | 4-ply | 4/1 | eq: +0.890 (-0.032) |
|  | Player: | 94.51\% (G:23.66\% B:0.35\%) |  |
|  | Opponent: | 5.49\% (G:0.02\% B:0.00\%) |  |
| 5. | 3-ply | 11/10 6/4 | eq: +0.884 (-0.039) |
|  | Player: | 94.19\% (G:26.82\% B:0.45\%) |  |
|  | Opponent: | 5.81\% (G:0.04\% B:0.00\%) |  |

## 52: Bar/20


eq: -0.911

33: 11/5* 6/3 5/2


| 1.4.4. | 4-ply | 11/5* 5/2 3/Off |
| :---: | :---: | :---: |
|  | Player: Opponent: | 96.62\% (G:33.07\% B:0.60\%) <br> 3.38\% (G:0.00\% B:0.00\%) |
| 2. $\sqrt{ }$ | 4-ply | 11/5* 6/3 5/2 |
|  | Player: Opponent: | 96.12\% (G:25.38\% B:0.35\% 3.88\% (G:0.00\% B:0.00\%) |
| 3. | 4-ply | 11/5* 5/2 4/1 |
|  | Player: Oppone | 93.66\% (G:25.90\% B:0.32\%) 6.34\% (G:0.01\% B.0.00\%) |
| 4. | 2-ply | 6.34\% (G:0.01\% B:0.00 6/3(3) 4/1 |
|  | Player: | 87.24\% (G:7.69\% B:0.04\%) |
|  | Opponent: | 12.76\% (G:0.20\% B: $0.00 \%$ ) |
| 5. | 2-ply | 11/8 6/3(3) |
|  | Player: | 86.98\% (G:9.72\% B:0.08\%) |
|  | Opponent: | 13.02\% (G:0.13\% B:0.00\%) |

eq: +0.932
eq: $+0.922(-0.010)$
eq: +0.873 (-0.059)
eq: +0.745 (-0.188)
eq: +0.740 (-0.193)

## 52: $\operatorname{Bar} / 20$


eq: -0.926

55: 6/1(2) 4/Off(2)


31: Cannot Move


31: 4/Off

eq: +0.998
eq: +0.998 (-0.001)
eq: +0.979 (-0.019)
eq: +0.777 (-0.221)
eq: $+0.730(-0.268)$

62: 3/1 3/Off


32: Cannot Move



65: 3/Off(2)

eq: +0.995
eq: +0.975 (-0.019)


33: 2/Off(3) 1/Off

eq: +1.000

65: 21/15 19/14

eq: -1.000
eq: -1.000
eq: -1.000
eq: -1.000
eq: - $-1.000(+0.000)$

11: 1/Off(4)

eq: +1.000

32: 15/12 14/12


- Wins a Gammon 4pts.

Game Summary:

| Thorleif $\bigcirc$ | Category | Rune F |
| :---: | :---: | :---: |
| World Class $(-0.0100)$ | Total Error | World Champ. $(-0.0043)$ |
| Expert $(-0.0105)$ | Checker Play | World Champ. $(-0.0045)$ |
| World Champ. $(+0.0000)$ | Cube Play | World Champ. $(+0.0000)$ |
| 4.99 | Performance Rating | 2.16 |
| $2(1)$ | Move Errors | 1 |
| $-0.190(-9.48 \%)$ | Equity lost (cost) | $-0.095(-4.76 \%)$ |


|  |  |  |
| :---: | :---: | :---: |
| 0 | Double Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
| 0 | Take Errors | 0 |
| +0.000 | Equity lost (cost) | +0.000 |
|  |  |  |
| $2(1)$ | Total Error | 1 |
| $-0.190(-9.48 \%)$ | Equity lost (cost) | $-0.095(-4.76 \%)$ |
| 0 |  | 1 |
| $-0.867(-44.67 \%)$ | Jokers | $+0.867(+44.67 \%)$ |

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[^0]:    64: 20/10

[^1]:    1. $\sqrt{4}$-ply

    Player:
    Opponent:
    2. 4-ply Player: Opponent:
    3. 4-ply Player: Opponent:
    4. 4-ply Player: Opponent:

    13/8 6/4
    40.96\% (G:8.87\% B:0.23\%) 59.04\% (G:13.59\% B:0.53\%) 8/3 6/4
    40.89\% (G:9.52\% B:0.26\%) 59.11\% (G:14.39\% B:0.66\%)

    13/6
    39.67\% (G:7.72\% B:0.17\%) 60.33\% (G:13.12\% B:0.47\%)

    13/8 7/5
    39.56\% (G:8.90\% B:0.21\%) $60.44 \%$ (G:14.75\% B:0.68\%) 8/3 7/5

[^2]:    XGID=-A-BCCA------a-a--acbcbb--:1:-1:1:62:3:8:0:9:10 Pip=40-79

    1. 4-ply

    Player: Opponent:
    2. 4 -ply

    Player:
    Opponent:
    3. 3-ply Player:
    Opponent:
    4. 3-ply

    Player: Opponent:

    6/Off 5/3
    99.91\% (G:0.08\% B:0.00\%) 0.09\% (G:0.00\% B:0.00\%)

    6/Off 4/2
    99.92\% (G:0.05\% B:0.00\%)
    0.08\% (G:0.00\% B:0.00\%)

    6/Off 3/1
    99.92\% (G:0.07\% B:0.00\%)
    0.08\% (G:0.00\% B:0.00\%)

    6/4 5/Off
    $99.90 \%$ (G:0.07\% B:0.00\%) 0.10\% (G:0.00\% B:0.00\%)

[^3]:    11: 21/20(2) 8/7(2)

