

## Preface

This is a collection of positions taken from Bill Robertie's "Advanced Backgammon" (2nd edition).

All positions have been rolled 7776 times using JellyFish Analyzer 1.0. Checkerplay alternatives have been rolled out in JellyFish's truncated mode with horizon 7 (horizon 20 for backgames) using identical dice. For cube decisions full rollouts with settlement limit 0.5 and truncated rollouts with horizon 7 have been performed.

The presentation format is as follows.

The positions are numbered as in "Advanced Backgammon" 2nd edition, with the number from the 1st edition given in parentheses if available. All cube values for non-centered cubes have been normalized to 2. For the time being, the position diagrams are largely left out. Only such position diagrams are included that either have some editing mistake or are not explicitly shown in "Advanced Backgammon". Thereby this collection can in no way be used without "Advanced Backgammon".

"BR" shows Bill Robertie's choice, and "JF" shows JellyFish's choice when playing at level 6. For cube decisions "RO" gives the top rollout choice using the cube dependent equities from the full rollout.

Where Bill Robertie distinguishes between "technical" and "practical" plays or cube decisions, the "technical" choice has been taken. Marginal takes/ passes have been interpreted such that they are as close as possible to the rollout result. Beavers have been interpreted as double/take. JellyFish's cube decisions at level 6 have been determined by doubling JellyFish with the Jacoby Rule enforced.

Where Robertie or JellyFish deviate from the rollout choice, the amount of equity given away by black (or white for cube decisions) is attached to their choice in parentheses. For checkerplays this gives the difference between the top rollout equity and the rollout equity of BR's or JF's choice. For cube decisions the difference is computed using the cube-dependent equities of the full rollout, and assuming a normalized cube value of 1.

In addition, the equities and win/single/gammon/backgammon percentages are listed. "J-Rt" denotes full rollouts of JellyFish with t = number of trials/1296, "J-Rt/h" denotes truncated rollouts with horizon h, "J-2ply" denotes JellyFish's level 6 estimate for a position.

At the end of each chapter some statistics are given. Finally, the appendices provide for the overall statistics, Robertie's and JellyFish's deviations from the rollout results sorted according to the equity given away, and for those who have not (yet) bought the second edition, a list of the position numbers of the first edition with their corresponding numbers from the second edition.

The collection has been produced automatically from the rollout data with as little additional input as possible. The starting positions have been produced automatically from JellyFish's position format, and have been carefully checked before they were excluded again. The cube positions have been added manually. The rollout results and JellyFish's level 6 estimates have been extracted from the rollout data. If JellyFish's level 6 top choice differs from its actual choice when playing on level 6, this is due to discarding all those alternatives from further investigation that deviate more than 0.05 from the top choice at level 5. This happens mostly in bearoffs. The moves have been added manually, but have been automatically checked with the dice and the resulting positions. Bill Robertie's choice and JellyFish's level 6 cube decisions have been added manually. The top choices, deviations, statistics, and appendices have been computed automatically.

Even though some care has been taken to avoid mere editing mistakes, the rollout results should of course not be trusted blindly. There are many reasons why they can be misleading. JellyFish may misplay a position, for example the somewhat exotic position #127. For cube decisions the mechanics of a fixed settlement limit may be inadequate. For example, in position #145 it is probably right to play for gammon for a few rolls, because of the low volatility. In contrast, for some action doubles, the cubeless equity of a position needs not to lie in the usual doubling window (about .450 to .570) due to the extremely high volatility. According to Fredrik Dahl, the estimates for take/drop problems are better than for double/no double problems, especially, if the positions are miscalculated by JellyFish on level 5. In the 1-3 backgame #170, for example, the value with Black holding the cube, or center cube, is way too high simply because it thinks it can cash after one roll. Finally, many low anchor games and non-contact positions are better analysed exhaustively. The latter have been mainly included for the sake of completeness.

Maybe the statistics can shed some further light on the particular strengths and weaknesses of JellyFish.

So digest the numbers, read your Robertie, and enjoy.

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## Acknowledgements

This project has been a joint effort. A fellow fiber has initiated it, set up the overall methodology, and kept the project alive with great enthusiasm. Mark Damish has produced the majority of the rollouts, and provided many ideas to improve the presentation format. The LaTeX version of this collection was produced using Joerg Richters bg.sty. Fredrik Dahl has kindly explained some specific behaviours of Jellyfish.

## Addresses

JellyFish may be obtained from:

EFFECT Software  
Brugata 1  
N-0186 Oslo  
Norway

Bill Robertie's "Advanced Backgammon" maybe obtained from:

The GAMMON PRESS  
PO Box 294  
Arlington, MA  
02174  
U.S.A  
Phone: (617) 641-2091  
Fax: (617) 641-2660

I am in no way related to these companies.

## 1 Opening Play

### 1 (-) X to play 4-1

BR: 13/9, 6/5 (X: -0.028)  
JF: 13/9, 24/23

	J-R6/7	J-2ply
13/9, 6/5:	-0.200	-0.203
13/9, 24/23:	-0.172*	-0.162*
13/8:	-0.205	-0.211
24/23, 24/20:	-0.189	-0.192

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/9, 6/5:	42.9	31.3	11.2	0.4	40.1	16.1	0.9
13/9, 24/23:	44.2	32.1	11.6	0.5	38.2	16.8	0.8
13/8:	42.5	31.1	11.0	0.4	41.0	15.8	0.7
24/23, 24/20:	43.5	33.2	9.9	0.4	40.4	15.5	0.6

### 2 (-) X to play 3-3

BR: 8/5(2), 6/3(2) (X: -0.003)  
JF: 8/5(2), 6/3(2) (X: -0.003)

	J-R6/7	J-2ply
8/5(2), 6/3(2):	0.115	0.140*
13/10(2), 24/21(2):	0.118*	0.106
8/5(2), 24/18:	-0.004	-0.030
24/18(2):	0.047	0.017

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/5(2), 6/3(2):	51.9	34.2	17.1	0.6	37.9	9.8	0.4
13/10(2), 24/21(2):	52.7	39.5	12.8	0.4	40.3	6.8	0.2
8/5(2), 24/18:	48.9	34.8	13.6	0.5	38.7	11.9	0.5
24/18(2):	51.2	40.8	10.1	0.3	40.6	8.0	0.2

### 3 (-) X to play 5-5

BR: 8/3(2), 6/1\*(2)  
JF: 8/3(2), 6/1\*(2)

	J-R6/7	J-2ply
8/3(2), 6/1*(2):	0.242*	0.297*
13/3(2):	0.230	0.216
13/3, 8/3, 6/1*:	0.159	0.156

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/3(2), 6/1*(2):	56.9	36.2	19.9	0.8	32.5	10.2	0.4
13/3(2):	58.8	44.3	14.0	0.5	32.0	8.9	0.3
13/3, 8/3, 6/1*:	55.3	39.1	15.6	0.6	33.7	10.6	0.4

### 4 (-) X to play 6-1

BR: 8/2\*, 2/1\*  
JF: 8/2\*, 2/1\*

	J-R6/7	J-2ply
8/2*, 2/1*:	0.149*	0.145*
24/18, 6/5:	0.140	0.136
13/7, 8/7:	0.086	0.075
13/6:	0.088	0.076

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/2*, 2/1*:	53.4	32.2	20.2	1.0	33.3	12.5	0.8
24/18, 6/5:	55.4	40.4	14.3	0.7	32.5	11.6	0.5
13/7, 8/7:	52.3	35.6	15.9	0.8	34.9	12.2	0.6
13/6:	52.7	36.3	15.7	0.7	34.1	12.6	0.6

### 5 (30) X to play 5-2

BR: 13/8, 13/11\*  
JF: 13/8, 13/11\*

	J-R6/7	J-2ply
13/8, 13/11*:	0.048*	0.051*
13/11*, 6/1*:	0.013	0.008

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/8, 13/11*:	51.6	37.4	13.6	0.6	35.8	12.1	0.5
13/11*, 6/1*:	50.0	35.0	14.4	0.6	36.4	13.0	0.6



### 18a (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.555	0.548	0.556
Center:	0.815		
X:	0.865		
O:	0.414		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.7	42.2	24.1	1.4	26.0	6.0	0.3
J-R6/7:	67.3	41.3	24.7	1.3	25.9	6.5	0.3

### 19 (40) cube?

```
+24-23-22-21-20-19-+---+18-17-16-15-14-13-+
X   O   O   O   O   O   X
  O   O   O   O   O   X
    O   O   O   O   X
      O   O   O   X
        O   O   X
          O   X
            X
+---+
| 1 |
+---+
```

BR: double/take (O: -0.016)  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.630	0.641	0.617
Center:	0.910		
X:	0.930		
O:	0.508		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.3	41.3	26.2	1.8	25.4	5.2	0.1
J-R6/7:	70.7	42.9	26.2	1.6	23.0	6.0	0.3

### 20 (41) cube?

BR: double/pass (O: -0.004)  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.622	0.604	0.572
Center:	0.932		
X:	0.950		
O:	0.498		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	72.4	50.9	20.2	1.3	22.5	4.9	0.2
J-R6/7:	72.2	51.1	20.0	1.1	21.8	5.8	0.2

### 21 (42) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.379	0.376	0.376
Center:	0.594		
X:	0.665		
O:	0.244		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	63.1	41.6	20.2	1.3	26.2	10.3	0.4
J-R6/7:	63.0	41.6	20.2	1.2	26.4	10.1	0.5

### 22 (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.538	0.515	0.499
Center:	0.756		
X:	0.806		
O:	0.395		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	66.4	39.8	24.6	2.0	26.3	6.9	0.4

	J-R6	J-R6/7	J-2ply
Cubeless:	0.606	0.597	0.595
Center:	0.871		
X:	0.905		
O:	0.494		

### 23 (43) cube?

BR: double/pass (O: -0.012)  
JF: double/pass (O: -0.012)  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.606	0.597	0.595
Center:	0.871		
X:	0.905		
O:	0.494		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	70.8	46.0	22.9	1.9	21.9	7.0	0.3
J-R6/7:	71.3	47.1	22.7	1.5	20.4	8.0	0.3

### 24 (-) cube?

BR: nodouble/take  
JF: double/take (X: -0.069)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.497	0.525	0.548
Center:	0.777		
X:	0.830		
O:	0.354		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	64.8	38.8	25.4	0.6	28.9	6.0	0.3
J-R6/7:	65.8	39.3	25.6	0.9	28.0	6.0	0.2

### 24a (-) cube?

BR: double/take (X: -0.002)  
JF: double/take (X: -0.002)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.536	0.526	0.516
Center:	0.786		
X:	0.834		
O:	0.392		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.6	43.3	22.9	1.4	25.4	6.7	0.3
J-R6/7:	67.1	42.6	23.3	1.2	25.8	6.8	0.3

### 25 (-) cube?

BR: double/take (X: -0.039)  
JF: double/take (X: -0.039)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.500	0.494	0.467
Center:	0.797		
X:	0.842		
O:	0.379		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	68.6	51.0	16.9	0.7	26.2	4.9	0.3
J-R6/7:	68.5	50.8	17.0	0.7	25.7	5.6	0.2

### 26 (45) cube?

BR: double/take (X: -0.003)  
JF: double/take (X: -0.003)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.553	0.556	0.582
Center:	0.841		
X:	0.884		
O:	0.419		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	68.5	43.7	23.9	0.9	24.5	6.7	0.3
J-R6/7:	68.9	44.2	23.7	1.0	23.4	7.4	0.3

### 27 (-) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.424	0.410	0.390
Center:	0.611		
X:	0.702		
O:	0.257		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.3	39.2	22.5	0.6	32.0	5.5	0.2
J-R6/7:	61.9	39.1	22.0	0.8	32.1	5.8	0.2

#### Statistics (Opening Play):

Checkerplays: 19, Games played: 505440  
Cubes: 12, Games played: 93312  
Overall: 31, Games played: 598752

Bill Robertie:  
Diff Checkerplays: 11, Sum: -0.384, Avg: -0.0202, Max: -0.072 (16)  
Diff Cubes: 7, Sum: -0.190, Avg: -0.0158, Max: -0.114 (18)  
Overall Diff: 18, Sum: -0.574, Avg: -0.0185

Jellyfish 2ply:  
Diff Checkerplays: 1, Sum: -0.003, Avg: -0.0002, Max: -0.003 (2)  
Diff Cubes: 5, Sum: -0.125, Avg: -0.0104, Max: -0.069 (24)  
Overall Diff: 6, Sum: -0.128, Avg: -0.0041

#### Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 65, Avg Diff: 0.0129  
All Cubes (Trunc): 12, Avg Diff: 0.0168  
All Cubes (Full): 12, Avg Diff: 0.0243  
Overall Diff: 89, Avg Diff: 0.0150

#### Average Standard Deviation of Rollouts:

Checkerplays: 0.0047, Cubes (T): 0.0046, Cubes (F): 0.0146, All: 0.0085









## 82b (-) X to play 1

BR: 5/4\*  
JF: 5/4\*

	J-R6/7	J-2ply
5/4*:	-0.022*	-0.032*
18/17:	-0.126	-0.070

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
5/4*:	59.6	59.6	0.0	0.0	19.2	21.0	0.2
18/17:	55.6	55.6	0.0	0.0	20.8	23.4	0.2

## 83 (-) X to play 2-1

BR: b/23, 6/5 (X: -0.030)  
JF: b/24\*, 6/4

	J-R6/7	J-2ply
b/23, 3/2:	-0.242	-0.244
b/24*, 6/4:	-0.238*	-0.206*
b/23, 10/9:	-0.359	-0.379
b/23, 6/5:	-0.268	-0.287

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/23, 3/2:	40.3	26.1	13.3	0.9	40.8	17.9	1.0
b/24*, 6/4:	40.0	22.7	15.9	1.4	38.9	19.6	1.5
b/23, 10/9:	37.2	22.9	13.3	1.0	39.0	22.0	1.8
b/23, 6/5:	40.1	25.1	14.0	1.0	38.3	20.3	1.3

## 84 (-) X to play 5-1

BR: b/20, 12/11 (X: -0.519)  
JF: b/24\*, 22/17 (X: -0.008)

	J-R6/7	J-2ply
b/20, 12/11:	0.282	0.240
b/24*, 22/17:	0.793	0.892*
b/24*, 10/5:	0.801*	0.863

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/20, 12/11:	59.0	40.3	18.1	0.6	32.1	8.7	0.2
b/24*, 22/17:	79.7	58.3	21.0	0.4	18.4	1.9	0.0
b/24*, 10/5:	80.0	58.8	20.8	0.4	18.5	1.5	0.0

Jellyfish seems to play the non-hit position correctly (also on level 5). It hits lose on the 6 pt, keeps the lose checker there, and diversifies its other checkers to aim for another white checker.

## 85 (-) X to play 6-1

BR: b/24\*, 16/10  
JF: b/24\*, 16/10

	J-R6/7	J-2ply
b/19, 16/15:	0.854	0.718
b/24*, 16/10:	1.311*	1.109*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/19, 16/15:	84.0	67.2	16.4	0.4	16.0	0.0	0.0
b/24*, 16/10:	93.2	51.6	38.5	3.1	6.8	0.0	0.0

### Statistics (Hit or Not?):

Checkerplays:	9, Games played:	202176
Cubes:	0, Games played:	0
Overall:	9, Games played:	202176

Bill Robertie:

Diff Checkerplays:	4, Sum: -0.629, Avg: -0.0699, Max: -0.519 (84)
Diff Cubes:	0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)
Overall Diff:	4, Sum: -0.629, Avg: -0.0699

Jellyfish 2ply:

Diff Checkerplays:	1, Sum: -0.008, Avg: -0.0009, Max: -0.008 (84)
Diff Cubes:	0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)
Overall Diff:	1, Sum: -0.008, Avg: -0.0009

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:  
 All Checkerplays: 26, Avg Diff: 0.0485  
 All Cubes (Trunc): 0, Avg Diff: 0.0000  
 All Cubes (Full): 0, Avg Diff: 0.0000  
 Overall Diff: 26, Avg Diff: 0.0485

Average Standard Deviation of Rollouts:  
 Checkerplays: 0.0070, Cubes (T): 0.0000; Cubes (F): 0.0000, All: 0.0070

## 5 Attacking Play

### 86 (113) cube?

BR: double/take (X: -0.020)  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.474	0.478	0.426
Center:	0.634		
X:	0.730		
O:	0.307		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.3	31.5	29.3	1.5	28.5	8.7	0.5
J-R6/7:	62.4	30.6	30.1	1.7	27.7	9.4	0.5

### 87 (114) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.525	0.527	0.519
Center:	0.725		
X:	0.794		
O:	0.408		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.5	48.6	20.4	0.5	22.7	7.6	0.2
J-R6/7:	69.7	48.8	20.2	0.7	22.2	7.9	0.2

### 88 (115) cube?

BR: double/take (X: -0.122)  
JF: double/take (X: -0.122)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.403	0.431	0.486
Center:	0.672		
X:	0.741		
O:	0.275		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	64.9	48.3	15.9	0.7	28.7	6.1	0.3
J-R6/7:	66.1	47.9	17.6	0.6	26.2	7.5	0.2

### 89 (116) cube?

BR: double/take (X: -0.036)  
JF: double/take (X: -0.036)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.496	0.507	0.536
Center:	0.706		
X:	0.786		
O:	0.335		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	63.1	32.4	28.4	2.3	27.6	8.9	0.4
J-R6/7:	63.7	32.2	29.2	2.3	26.3	9.4	0.6

### 90 (117) cube?

BR: double/pass (O: -0.050)  
JF: double/pass (O: -0.050)  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.613	0.617	0.647
Center:	0.897		
X:	0.930		
O:	0.475		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.2	41.3	26.9	1.0	25.0	5.6	0.2
J-R6/7:	69.4	40.7	27.5	1.2	23.8	6.5	0.3

### 91 (118) cube?

BR: double/take  
JF: double/take







## 6 Action Doubles

### 117 (137) cube?

BR: double/take  
 JF: nodouble/take (X: -0.088)  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.229	0.239	0.181
Center:	0.322		
X:	0.335		
O:	0.205		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	60.4	50.8	9.4	0.2	31.9	7.7	0.0
J-R6/7:	60.6	50.3	10.0	0.3	31.6	7.8	0.0

### 118 (138) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.078	0.090	0.117
Center:	0.066		
X:	0.208		
O:	-0.047		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	53.6	44.8	8.6	0.2	37.9	8.5	0.0
J-R6/7:	54.0	44.2	9.4	0.4	37.0	8.9	0.1

### 119 (-) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.516	0.530	0.509
Center:	0.716		
X:	0.784		
O:	0.377		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.5	43.8	22.3	1.4	24.4	7.6	0.5
J-R6/7:	67.9	42.9	23.7	1.3	23.4	8.2	0.5

### 120 (139) cube?

BR: double/pass (O: -0.094)  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.598	0.590	0.539
Center:	0.579		
X:	0.708		
O:	0.453		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	65.4	30.7	34.1	0.6	28.5	6.0	0.1
J-R6/7:	65.5	31.8	32.5	1.2	27.8	6.5	0.2

### 121 (140) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.509	0.508	0.481
Center:	0.407		
X:	0.578		
O:	0.342		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	58.0	19.8	35.5	2.7	36.2	5.6	0.2
J-R6/7:	57.7	19.2	35.1	3.4	36.2	5.9	0.2

### 122 (141) cube?

BR: double/take  
 JF: nodouble/take (X: -0.046)

RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.445	0.470	0.345
Center:	0.620		
X:	0.692		
O:	0.333		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	66.2	51.0	14.8	0.4	30.3	3.5	0.0
J-R6/7:	66.7	49.3	16.9	0.5	29.0	4.2	0.1

### 123 (142) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.876	0.835	0.699
Center:	0.928		
X:	0.928		
O:	0.769		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	70.2	15.8	53.8	0.6	22.5	6.8	0.5
J-R6/7:	69.3	17.6	50.3	1.4	23.1	7.1	0.5

### 124 (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.433	0.410	0.394
Center:	0.644		
X:	0.713		
O:	0.298		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	66.1	45.2	19.5	1.4	22.9	10.7	0.3
J-R6/7:	65.9	45.8	19.1	1.0	22.4	11.3	0.4

### 125 (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.225	0.253	0.233
Center:	0.428		
X:	0.535		
O:	0.075		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	59.9	40.2	18.7	1.0	23.2	15.8	1.1
J-R6/7:	61.4	41.6	18.6	1.2	21.0	16.6	1.0

### 126 (145) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	-0.061	-0.031	0.027
Center:	-0.150		
X:	-0.039		
O:	-0.162		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	34.6	10.0	22.6	2.0	63.5	1.9	0.0
J-R6/7:	35.5	10.2	22.3	3.0	62.1	2.4	0.0

### 127 (146) cube?

BR: double/take (O: -1.560)  
 JF: double/pass  
 RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	1.422	1.576	1.748
Center:	1.551		
X:	1.562		
O:	1.280		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	81.8	4.3	75.0	2.5	16.9	1.3	0.0

J-R6/7: 83.3 -5.5 85.2 3.6 15.3 1.4 0.0

Not included into statistics, because Jellyfish does not recognize the value of its prime far from home.

### Statistics (Action Doubles):

Checkerplays: 0, Games played: 0  
 Cubes: 10, Games played: 85536  
 Overall: 10, Games played: 85536

### Bill Robertie:

Diff Checkerplays: 0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)  
 Diff Cubes: 1, Sum: -0.094, Avg: -0.0094, Max: -0.094 (120)  
 Overall Diff: 1, Sum: -0.094, Avg: -0.0094

### Jellyfish 2ply:

Diff Checkerplays: 0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)  
 Diff Cubes: 2, Sum: -0.134, Avg: -0.0134, Max: -0.088 (117)  
 Overall Diff: 2, Sum: -0.134, Avg: -0.0134

### Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 0, Avg Diff: 0.0000  
 All Cubes (Trunc): 11, Avg Diff: 0.0646  
 All Cubes (Full): 10, Avg Diff: 0.0593  
 Overall Diff: 21, Avg Diff: 0.0621

### Average Standard Deviation of Rollouts:

Checkerplays: 0.0000, Cubes (T): 0.0098; Cubes (F): 0.0188, All: 0.0168





J-R6/7: 73.3 58.9 13.8 0.6 21.2 5.3 0.2

## 157 (166) cube?

BR: double/pass (O: -0.018)  
 JF: double/pass (O: -0.018)  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.606	0.583	0.657
Center:	0.753		
X:	0.824		
O:	0.491		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	71.2	46.7	22.7	1.8	20.9	7.6	0.3
J-R6/7:	70.7	46.3	22.8	1.6	20.6	8.3	0.4

## 158 (167) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.542	0.559	0.550
Center:	0.769		
X:	0.815		
O:	0.452		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	71.6	54.2	16.8	0.6	21.7	6.5	0.2
J-R6/7:	72.0	54.0	17.3	0.7	21.4	6.4	0.2

## 159 (168) cube?

BR: double/pass (O: -0.204)  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.518	0.501	0.563
Center:	0.693		
X:	0.767		
O:	0.398		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.6	49.6	18.8	1.2	22.0	8.3	0.1
J-R6/7:	69.8	50.0	18.6	1.2	20.1	9.8	0.3

## 160 (169) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.790	0.794	0.773
Center:	0.971		
X:	0.980		
O:	0.713		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	79.7	58.4	20.4	0.9	17.8	2.4	0.1
J-R6/7:	79.9	58.8	20.1	1.0	17.8	2.2	0.1

## 161 (-) X to play 2-1

BR: b/23, 2/1\* (X: -0.061)  
 JF: b/24\*, 13/11

	J-R6/7	J-2ply
b/23, 2/1*:	0.041	-0.020
b/23, 4/3:	0.059	-0.018
b/23, 13/12:	0.046	-0.006
b/24*, 13/11:	0.102*	0.089*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/23, 2/1*:	53.8	45.1	8.2	0.5	34.1	11.5	0.6
b/23, 4/3:	53.1	45.1	7.6	0.4	38.5	8.1	0.3
b/23, 13/12:	52.4	44.5	7.5	0.4	39.4	7.9	0.3
b/24*, 13/11:	52.0	35.3	15.8	0.9	37.1	10.4	0.5

## 162 (-) X to play 5-2

BR: 13/8, 13/11

JF: 13/8, 13/11

	J-R6/7	J-2ply
8/1*:	-0.504	-0.516
6/1*, 13/11:	-0.445	-0.425
13/8, 6/4:	-0.307	-0.290
13/8, 11/9:	-0.315	-0.304
13/8, 13/11:	-0.231*	-0.238*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/1*:	33.1	23.8	9.0	0.3	41.7	24.2	1.0
6/1*, 13/11:	35.3	24.7	10.2	0.4	39.8	23.8	1.1
13/8, 6/4:	39.6	30.2	9.1	0.3	41.2	18.7	0.5
13/8, 11/9:	39.1	29.9	8.9	0.3	42.2	18.2	0.5
13/8, 13/11:	42.5	32.0	10.2	0.3	39.2	17.8	0.5

### Statistics (Prime vs. Prime):

Checkerplays: 9, Games played: 233280  
 Cubes: 18, Games played: 139968  
 Overall: 27, Games played: 373248

Bill Robertie:  
 Diff Checkerplays: 2, Sum: -0.251, Avg: -0.0279, Max: -0.190 (142)  
 Diff Cubes: 7, Sum: -0.964, Avg: -0.0536, Max: -0.295 (149)  
 Overall Diff: 9, Sum: -1.215, Avg: -0.0450

Jellyfish 2ply:  
 Diff Checkerplays: 2, Sum: -0.071, Avg: -0.0079, Max: -0.041 (141)  
 Diff Cubes: 4, Sum: -0.486, Avg: -0.0270, Max: -0.295 (149)  
 Overall Diff: 6, Sum: -0.557, Avg: -0.0206

### Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 30, Avg Diff: 0.0585  
 All Cubes (Trunc): 18, Avg Diff: 0.0556  
 All Cubes (Full): 18, Avg Diff: 0.0626  
 Overall Diff: 66, Avg Diff: 0.0588

### Average Standard Deviation of Rollouts:

Checkerplays: 0.0078, Cubes (T): 0.0076; Cubes (F): 0.0150, All: 0.0121

## 9 Back Games

### 163 (178) cube?

BR: double/take (X: -0.010)  
 JF: double/take (X: -0.010)  
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.591	0.620	0.519
Center:	0.854		
X:	0.892		
O:	0.422		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	63.2	27.9	31.6	3.7	30.7	5.8	0.3
J-R6/7:	64.1	27.6	33.5	3.0	30.4	5.3	0.2

### 164 (179) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.910	0.904	0.858
Center:	1.090		
X:	1.095		
O:	0.793		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.0	29.9	37.6	5.5	23.5	3.3	0.2
J-R6/7:	74.1	31.9	38.6	3.6	22.5	3.3	0.1

### 165 (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.720	0.813	0.826
Center:	0.802		
X:	0.891		
O:	0.548		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.6	22.3	33.9	6.4	37.4	0.0	0.0
J-R6/7:	66.4	23.3	37.8	5.3	33.6	0.0	0.0

### 166 (180) cube?

BR: gammon/pass  
 JF: gammon/pass  
 RO: gammon/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	1.131	1.177	1.106
Center:	1.146		
X:	1.251		
O:	1.007		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.0	18.4	42.1	12.5	27.0	0.0	0.0
J-R6/7:	74.8	18.2	45.0	11.6	25.2	0.0	0.0

### 167 (172) X to play 5-3

BR: 11/8, 13/8  
 JF: 11/6, 8/5 (X: -0.021)

	J-R6/20	J-2ply
11/8, 13/8:	1.287*	1.202
13/10, 11/6:	1.278	1.257
13/5:	1.271	1.265
13/10, 8/3:	1.258	1.273
11/3:	1.236	1.278
11/6, 8/5:	1.266	1.302*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
11/8, 13/8:	85.6	33.5	46.3	5.8	14.0	0.4	0.0
13/10, 11/6:	84.8	32.4	46.3	6.1	15.0	0.2	0.0
13/5:	84.6	32.5	46.0	6.1	15.1	0.3	0.0
13/10, 8/3:	84.1	32.2	45.9	6.0	15.6	0.3	0.0
11/3:	83.6	32.4	45.6	5.6	15.9	0.5	0.0
11/6, 8/5:	84.4	32.5	45.7	6.2	15.4	0.2	0.0







b/20: 74.5 47.1 27.0 0.4 23.2 2.2 0.1

## 197 (176) X to play 3-2

BR: b/22, 5/3\*  
JF: b/22, 5/3\*

	J-R6/20	J-2ply
b/22, 5/3*:	1.328*	1.138*
b/22, 20/18:	1.069	0.932
b/22, 6/4:	1.040	0.944
b/20:	1.025	0.951

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/22, 5/3*:	88.3	37.2	44.6	6.5	10.2	1.5	0.0
b/22, 20/18:	85.0	49.1	33.3	2.6	13.4	1.5	0.1
b/22, 6/4:	85.2	51.9	31.5	1.8	13.4	1.4	0.0
b/20:	84.7	51.9	31.0	1.8	13.8	1.5	0.0

## 198 (189) cube?

BR: double/take (X: -0.149)  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.219	0.232	0.178
Center:	0.317		
X:	0.393		
O:	0.122		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	58.4	42.0	16.0	0.4	30.2	11.0	0.4
J-R6/7:	57.7	38.9	18.0	0.8	30.8	11.1	0.4

## 199a (-) cube?

BR: gammon/pass  
JF: gammon/pass  
RO: gammon/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	1.116	1.145	1.115
Center:	1.182		
X:	1.203		
O:	1.085		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	90.9	59.0	31.1	0.8	6.4	2.6	0.1
J-R6/7:	89.2	51.8	35.9	1.5	8.0	2.7	0.1

## 199b (-) cube?

BR: double/pass (X: -0.284, O: -0.612)  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.318	0.405	0.401
Center:	0.587		
X:	0.672		
O:	0.194		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.6	49.0	13.3	0.3	30.3	6.9	0.2
J-R6/7:	65.8	49.5	15.8	0.5	26.4	7.6	0.2

## 200 (-) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.078	0.089	-0.075
Center:	0.128		
X:	0.273		
O:	-0.030		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	60.6	45.1	14.7	0.8	10.1	29.0	0.3
J-R6/7:	62.0	48.4	12.9	0.7	9.7	27.3	1.0

Statistics (Back Games):

Checkerplays: 18, Games played: 412128  
Cubes: 23, Games played: 178848  
Overall: 41, Games played: 590976

Bill Robertie:  
Diff Checkerplays: 8, Sum: -0.594, Avg: -0.0330, Max: -0.291 (169)  
Diff Cubes: 8, Sum: -1.766, Avg: -0.0768, Max: -0.896 (199b)  
Overall Diff: 16, Sum: -2.360, Avg: -0.0576

Jellyfish 2ply:  
Diff Checkerplays: 2, Sum: -0.034, Avg: -0.0019, Max: -0.021 (167)  
Diff Cubes: 7, Sum: -1.883, Avg: -0.0819, Max: -0.903 (177a)  
Overall Diff: 9, Sum: -1.917, Avg: -0.0468

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 53, Avg Diff: 0.0924  
All Cubes (Trunc): 23, Avg Diff: 0.0701  
All Cubes (Full): 23, Avg Diff: 0.0807  
Overall Diff: 99, Avg Diff: 0.0845

Average Standard Deviation of Rollouts:

Checkerplays: 0.0078, Cubes (T): 0.0067; Cubes (F): 0.0155, All: 0.0119

## 10 High Anchors

### 201a (100a) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.234	0.269	0.291
Center:	0.397		
X:	0.491		
O:	0.118		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	61.4	59.6	1.8	0.0	37.4	1.2	0.0
J-R6/7:	62.9	60.7	2.2	0.0	36.0	1.1	0.0

### 201b (100b) cube?

BR: double/take (X: -0.050)  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.355	0.369	0.339
Center:	0.590		
X:	0.648		
O:	0.270		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.5	65.8	1.6	0.1	31.3	1.2	0.0
J-R6/7:	68.2	66.5	1.7	0.0	30.5	1.3	0.0

### 201c (100c) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.485	0.490	0.430
Center:	0.759		
X:	0.792		
O:	0.424		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.7	71.2	2.4	0.1	24.9	1.3	0.1
J-R6/7:	74.0	71.4	2.6	0.0	24.4	1.6	0.0

### 201d (100d) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.527	0.534	0.515
Center:	0.833		
X:	0.856		
O:	0.468		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	75.6	72.7	2.8	0.1	22.9	1.4	0.1
J-R6/7:	75.7	71.9	3.7	0.1	22.5	1.8	0.0

### 201e (100e) cube?

BR: double/take (X: -0.015)  
JF: double/take (X: -0.015)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.551	0.568	0.575
Center:	0.981		
X:	0.983		
O:	0.483		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	75.8	70.5	5.2	0.1	22.3	1.8	0.1
J-R6/7:	76.3	70.4	5.8	0.1	21.8	1.9	0.0

### 201f (100f) cube?

BR: double/take (O: -0.050)  
JF: double/pass

RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.607	0.626	0.606
Center:	0.988		
X:	0.990		
O:	0.525		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	76.4	66.9	9.3	0.2	21.8	1.8	0.0
J-R6/7:	77.2	67.1	10.0	0.1	20.8	2.0	0.0

### 202a (101a) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.199	0.218	0.228
Center:	0.362		
X:	0.481		
O:	0.052		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	59.7	58.3	1.4	0.0	39.3	1.0	0.0
J-R6/7:	60.9	59.6	1.3	0.0	37.9	1.2	0.0

### 202b (101b) cube?

BR: double/take (X: -0.091)  
JF: double/take (X: -0.091)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.399	0.416	0.449
Center:	0.639		
X:	0.751		
O:	0.304		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.6	68.3	1.3	0.0	29.7	0.7	0.0
J-R6/7:	70.6	69.0	1.6	0.0	28.1	1.3	0.0

### 202c (101c) cube?

BR: double/pass  
JF: double/take (O: -0.012)  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.579	0.549	0.546
Center:	0.961		
X:	0.968		
O:	0.506		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	78.2	76.3	1.8	0.1	21.2	0.6	0.0
J-R6/7:	77.0	74.5	2.5	0.0	21.4	1.6	0.0

### 202d (101d) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.650	0.634	0.615
Center:	0.997		
X:	0.997		
O:	0.602		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	81.3	78.2	3.0	0.1	17.9	0.8	0.0
J-R6/7:	80.3	75.9	4.3	0.1	18.0	1.7	0.0

### 202e (101e) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.701	0.693	0.675
Center:	1.000		
X:	1.000		
O:	0.652		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	82.8	77.2	5.6	0.0	16.1	1.1	0.0

J-R6/7: 82.0 75.2 6.7 0.1 16.4 1.6 0.0

### 202f (101f) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.752	0.750	0.720
Center:	1.005		
X:	1.005		
O:	0.694		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	82.8	71.8	10.9	0.1	15.8	1.4	0.0
J-R6/7:	82.4	70.6	11.5	0.3	15.9	1.7	0.0

### 203 (-) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.640	0.628	0.681
Center:	0.857		
X:	0.884		
O:	0.585		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	81.9	81.4	0.5	0.0	17.9	0.2	0.0
J-R6/7:	81.2	80.6	0.6	0.0	18.6	0.2	0.0

### 204 (103) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.336	0.380	0.358
Center:	0.622		
X:	0.685		
O:	0.219		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	65.1	61.2	3.8	0.1	34.3	0.6	0.0
J-R6/7:	67.1	62.8	4.2	0.1	32.3	0.6	0.0

### 205 (104) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.270	0.275	0.155
Center:	0.435		
X:	0.539		
O:	0.143		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	63.4	58.5	4.7	0.2	31.9	4.6	0.1
J-R6/7:	63.2	58.3	4.8	0.1	32.9	3.8	0.1

### 206 (105) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.488	0.481	0.460
Center:	0.741		
X:	0.791		
O:	0.381		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	72.5	68.2	4.2	0.1	26.9	0.6	0.0
J-R6/7:	72.0	67.0	4.9	0.1	27.1	0.9	0.0

### 207 (106) cube?

BR: double/take (X: -0.277)  
JF: double/take (X: -0.277)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.331	0.381	0.438
Center:	0.723		
X:	0.764		
O:	0.223		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	64.0	48.3	15.1	0.6	25.3	10.2	0.5
J-R6/7:	66.6	50.4	15.4	0.8	21.6	11.4	0.4

### 208 (-) cube?

BR: double/take (X: -0.047)  
JF: double/take (X: -0.047)  
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.486	0.465	0.453
Center:	0.791		
X:	0.831		
O:	0.372		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	70.2	57.4	12.5	0.3	24.9	4.8	0.1
J-R6/7:	69.6	57.6	11.6	0.4	25.4	4.9	0.1

### 209 (-) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.630	0.610	0.579
Center:	0.986		
X:	0.989		
O:	0.549		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	75.8	61.4	14.2	0.2	21.1	3.0	0.1
J-R6/7:	75.2	61.7	13.1	0.4	21.6	3.2	0.0

### 210 (-) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.632	0.601	0.602
Center:	0.685		
X:	0.731		
O:	0.583		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	81.6	80.7	0.9	0.0	17.5	0.9	0.0
J-R6/7:	80.4	79.6	0.8	0.0	18.2	1.4	0.0

### 211 (107) X to play 5-4

BR: 13/4 (X: -0.011)  
JF: 6/1, 5/1

	J-R6/7	J-2ply
13/4:	0.343	0.330
6/1, 5/1:	0.354*	0.392*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/4:	65.3	60.7	4.3	0.3	33.4	1.3	0.0
6/1, 5/1:	67.6	66.7	0.9	0.0	31.6	0.8	0.0

### 212 (-) X to play 6-3

BR: 8/2, 4/1  
JF: 7/1, 7/4 (X: -0.084)

	J-R6/7	J-2ply
13/7, 13/10:	0.368	0.407
8/2, 4/1:	0.520*	0.484
7/1, 7/4:	0.436	0.497*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/7, 13/10:	66.7	60.5	6.1	0.1	30.5	2.7	0.1
8/2, 4/1:	74.0	67.5	6.4	0.1	23.4	2.5	0.1
7/1, 7/4:	69.4	61.7	7.6	0.1	27.6	2.9	0.1

## 213 (-) cube?

BR: nodouble/take (X: -0.088)  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.529	0.532	0.538
Center:	0.864		
X:	0.881		
O:	0.476		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	76.0	73.7	2.3	0.0	22.7	1.3	0.0
J-R6/7:	76.2	73.6	2.6	0.0	22.1	1.7	0.0

## 214 (-) X to play 6-2

BR: 10/4, 6/4 (X: -0.055)  
 JF: 7/1\*, 3/1

	J-R6/7	J-2ply
14/6:	0.179	0.186
7/1*, 3/1:	0.304*	0.299*
10/4, 6/4:	0.249	0.248

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
14/6:	58.5	48.6	9.5	0.4	32.3	9.0	0.2
7/1*, 3/1:	63.7	52.9	10.5	0.3	28.4	7.6	0.3
10/4, 6/4:	61.8	50.7	10.6	0.5	28.3	9.6	0.3

## 215 (-) X to play 4-3

BR: 14/7  
 JF: 14/7

	J-R6/7	J-2ply
14/7:	0.555*	0.525*
8/4, 7/4:	0.515	0.501
10/6, 10/7:	0.524	0.498

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
14/7:	73.9	62.5	11.1	0.3	22.2	3.8	0.1
8/4, 7/4:	69.7	52.0	17.2	0.5	24.4	5.6	0.3
10/6, 10/7:	72.0	59.8	11.9	0.3	24.1	3.8	0.1

## 216 (-) X to play 3-3

BR: 13/10(2), 8/5(2) (X: -0.008)  
 JF: 13/10(2), 8/5(2) (X: -0.008)

	J-R6/7	J-2ply
13/10(2), 6/3, 4/1:	0.718*	0.603
13/10(2), 8/5(2):	0.710	0.672*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/10(2), 6/3, 4/1:	85.6	84.8	0.8	0.0	14.1	0.3	0.0
13/10(2), 8/5(2):	85.2	84.3	0.9	0.0	14.4	0.4	0.0

## 217 (108) X to play 2-1

BR: 10/7  
 JF: 21/19, 10/9 (X: -0.085)

	J-R6/7	J-2ply
10/7:	-0.403*	-0.513
10/8, 10/9:	-0.423	-0.533
21/19, 10/9:	-0.488	-0.488*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
10/7:	32.4	28.9	3.4	0.1	59.1	8.4	0.1
10/8, 10/9:	31.4	28.0	3.3	0.1	60.1	8.4	0.1
21/19, 10/9:	31.2	27.2	3.9	0.1	53.6	15.0	0.2

## 218 (-) X to play 5-3

BR: 13/5  
 JF: 13/5

	J-R6/7	J-2ply
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21/13: -0.191 -0.192  
 13/5: -0.083\* -0.082\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
21/13:	43.0	34.4	8.2	0.4	43.3	13.4	0.3
13/5:	45.7	38.2	7.2	0.3	47.1	6.9	0.3

## 219 (-) X to play 3-2

BR: 3/0, 2/0  
 JF: 3/0, 2/0

	J-R6/7	J-2ply
3/0, 2/0:	1.138*	1.144*
6/3, 6/4:	1.056	1.080

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
3/0, 2/0:	98.6	82.0	16.5	0.1	1.4	0.0	0.0
6/3, 6/4:	97.6	87.3	10.3	0.0	2.4	0.0	0.0

### Statistics (High Anchors):

Checkerplays: 8, Games played: 155520  
 Cubes: 21, Games played: 163296  
 Overall: 29, Games played: 318816

Bill Robertie:  
 Diff Checkerplays: 3, Sum: -0.074, Avg: -0.0092, Max: -0.055 (214)  
 Diff Cubes: 7, Sum: -0.618, Avg: -0.0294, Max: -0.277 (207)  
 Overall Diff: 10, Sum: -0.692, Avg: -0.0239

Jellyfish 2ply:  
 Diff Checkerplays: 3, Sum: -0.177, Avg: -0.0221, Max: -0.085 (217)  
 Diff Cubes: 5, Sum: -0.442, Avg: -0.0210, Max: -0.277 (207)  
 Overall Diff: 8, Sum: -0.619, Avg: -0.0213

### Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 20, Avg Diff: 0.0338  
 All Cubes (Trunc): 21, Avg Diff: 0.0283  
 All Cubes (Full): 21, Avg Diff: 0.0384  
 Overall Diff: 62, Avg Diff: 0.0335

### Average Standard Deviation of Rollouts:

Checkerplays: 0.0071, Cubes (T): 0.0041; Cubes (F): 0.0113, All: 0.0094

## 11 Low Anchors

### 220 (88) X to play 6-4

BR: b/21\*, 13/7 (X: -0.038)  
 JF: b/21\*, 7/1

	J-R6/7	J-2ply
b/21*, 7/1:	0.713*	0.758*
b/21*, 13/7:	0.675	0.689

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/21*, 7/1:	70.4	36.8	32.4	1.2	25.4	4.1	0.1
b/21*, 13/7:	70.4	39.6	29.4	1.4	24.5	4.9	0.2

### 221 (-) X to play 2-2

BR: 13/7, 24/22 (X: -0.044)  
 JF: 13/9, 18/16(2)

	J-R6/7	J-2ply
13/7, 13/11:	1.047	0.966
13/7, 24/22:	1.031	0.977
13/11(2), 13/9:	1.064	1.025
13/9, 18/16(2):	1.075*	1.084*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/7, 13/11:	78.5	31.6	41.9	5.0	17.4	3.9	0.2
13/7, 24/22:	78.2	32.0	41.6	4.6	17.9	3.8	0.1
13/11(2), 13/9:	78.4	30.2	43.1	5.1	17.9	3.6	0.1
13/9, 18/16(2):	78.6	29.8	43.5	5.3	17.7	3.6	0.1

### 222 (-) X to play 5-2

BR: 8/3, 5/3  
 JF: 8/3, 5/3

	J-R6/7	J-2ply
20/13:	0.492	0.462
8/3, 5/3:	0.645*	0.591*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
20/13:	68.8	52.5	15.4	0.9	25.9	5.1	0.2
8/3, 5/3:	75.5	59.0	15.7	0.8	20.9	3.5	0.1

### 223 (-) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.564	0.570	0.552
Center:	0.837		
X:	0.874		
O:	0.443		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	70.4	50.5	18.7	1.2	24.1	5.4	0.1
J-R6/7:	71.0	50.9	19.1	1.0	23.1	5.7	0.2

### 224 (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.260	0.270	0.360
Center:	0.498		
X:	0.557		
O:	0.162		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.7	50.9	11.3	0.5	25.9	11.1	0.3
J-R6/7:	63.2	51.2	11.5	0.5	25.3	11.2	0.3

### 225 (82) X to play 4-2

BR: 14/8 (X: -0.046)

JF: 8/6, 8/4

8/6, 8/4: J-R6/7 J-2ply  
0.823\* 0.786\*  
14/8: 0.777 0.783

8/6, 8/4: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
81.2 60.9 19.8 0.5 18.0 0.8 0.0  
14/8: 81.3 65.6 15.4 0.3 17.8 0.9 0.0

## 226 (-) X to play 6-2

BR: 14/8, 7/5  
JF: 14/8, 7/5

14/8, 7/5: J-R6/7 J-2ply  
1.498\* 1.502\*  
14/8, 8/6: 1.481 1.457

14/8, 7/5: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
83.8 10.8 63.7 9.3 16.0 0.2 0.0  
14/8, 8/6: 83.4 10.9 63.5 9.0 16.4 0.2 0.0

## 227 (89) X to play 2-1

BR: 13/12\*, 12/10 (X: -0.008)  
JF: 13/12\*, 7/5

13/12\*, 12/10: J-R6/7 J-2ply  
1.081 1.047  
13/12\*, 6/4: 1.067 1.049  
13/10: 0.899 0.855  
13/12\*, 7/5: 1.089\* 1.069\*  
13/11, 6/5: 0.887 0.860

13/12\*, 12/10: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
86.1 51.6 32.8 1.7 13.7 0.2 0.0  
13/12\*, 6/4: 85.5 51.2 32.6 1.7 14.2 0.3 0.0  
13/10: 89.3 78.1 10.9 0.3 10.5 0.2 0.0  
13/12\*, 7/5: 86.0 50.7 33.6 1.7 13.8 0.2 0.0  
13/11, 6/5: 88.8 77.8 10.7 0.3 11.0 0.2 0.0

## 228 (-) X to play 1

BR: 8/7 (X: -0.005)  
JF: 15/14

8/7: J-R6/7 J-2ply  
1.434 1.325  
15/14: 1.439\* 1.342\*

8/7: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
81.4 13.2 55.6 12.6 18.5 0.1 0.0  
15/14: 81.5 13.1 55.8 12.6 18.4 0.1 0.0

## 229 (-) X to play 3-1

BR: 13/10, 13/12 (X: -0.020)  
JF: 13/10, 13/12 (X: -0.020)

13/10, 13/12: J-R6/7 J-2ply  
0.829 0.819\*  
13/9: 0.849\* 0.818

13/10, 13/12: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
86.6 76.4 9.9 0.3 12.6 0.8 0.0  
13/9: 87.6 77.5 9.8 0.3 11.8 0.6 0.0

## 230 (-) X to play 4-3

BR: 8/4, 6/3  
JF: 8/4, 11/8 (X: -0.010)

9/5, 8/5: J-R6/7 J-2ply  
1.400 1.466  
9/5, 6/3: 1.422 1.423  
11/7, 8/5: 1.427 1.475  
11/7, 6/3: 1.426 1.422  
8/4, 11/8: 1.429 1.508\*  
8/4, 6/3: 1.439\* 1.462

9/5, 8/5: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
81.3 11.9 61.3 8.1 18.7 0.0 0.0  
9/5, 6/3: 82.1 11.7 62.6 7.8 17.8 0.1 0.0  
11/7, 8/5: 82.1 11.7 62.3 8.1 17.9 0.0 0.0  
11/7, 6/3: 82.2 11.7 62.8 7.7 17.7 0.1 0.0  
8/4, 11/8: 82.2 11.9 62.2 8.1 17.8 0.0 0.0  
8/4, 6/3: 82.6 11.9 62.7 8.0 17.4 0.0 0.0

## 231 (-) X to play 4-3

BR: 8/4, 9/6  
JF: 11/4 (X: -0.013)

8/4, 9/6: J-R6/7 J-2ply  
1.168\* 1.098  
11/4: 1.155 1.115\*

8/4, 9/6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
88.4 50.3 36.2 1.9 11.6 0.0 0.0  
11/4: 87.8 49.8 36.1 1.9 12.2 0.0 0.0

## 232 (-) X to play 4-3

BR: 8/4, 9/6  
JF: 11/4 (X: -0.001)

8/4, 9/6: J-R6/7 J-2ply  
1.407\* 1.366  
11/4: 1.406 1.367\*

8/4, 9/6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
97.3 53.1 42.2 2.0 2.7 0.0 0.0  
11/4: 97.2 53.0 42.2 2.0 2.8 0.0 0.0

## 233 (-) X to play 6-2

BR: 6/4  
JF: 7/5 (X: -0.008)

7/5: J-R6/7 J-2ply  
1.507 1.571\*  
6/4: 1.515\* 1.491  
5/3: 1.500 1.494

7/5: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
83.2 10.0 62.0 11.2 16.7 0.1 0.0  
6/4: 83.8 10.4 62.9 10.5 16.1 0.1 0.0  
5/3: 83.2 9.8 63.1 10.3 16.7 0.1 0.0

## 234 (78) X to play 4-1

BR: 7/2 (X: -0.007)  
JF: 7/3, 6/5

7/3, 6/5: J-R6/7 J-2ply  
1.758\* 1.687\*  
7/2: 1.751 1.648

7/3, 6/5: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
93.3 16.3 64.6 12.4 6.7 0.0 0.0  
7/2: 93.2 16.7 64.4 12.1 6.8 0.0 0.0

## 235 (79) X to play 2-1

BR: 6/3  
JF: 7/6, 7/5 (X: -0.010)

7/4: J-R6/7 J-2ply  
1.179 1.119  
7/5, 6/5: 1.164 1.122  
6/3: 1.180\* 1.088  
7/6, 7/5: 1.170 1.132\*  
5/4, 5/3: 0.920 0.872  
4/3, 4/2: 0.832 0.793

7/4: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
92.2 59.7 31.3 1.2 7.7 0.1 0.0  
7/5, 6/5: 91.5 59.2 31.1 1.2 8.4 0.1 0.0  
6/3: 92.2 59.8 31.2 1.2 7.7 0.1 0.0

7/6, 7/5: 92.0 60.0 30.8 1.2 7.9 0.1 0.0  
5/4, 5/3: 86.8 68.6 17.6 0.6 12.8 0.4 0.0  
4/3, 4/2: 82.8 65.0 17.2 0.6 16.5 0.7 0.0

## 236 (-) X to play 3-3

BR: 8/2, 7/1  
JF: 8/2, 7/1

8/2, 5/2, 7/4: J-R6/7 J-2ply  
0.603 0.605  
8/2, 7/1: 0.621\* 0.627\*  
9/6(2), 8/5, 7/4: 0.555 0.547

8/2, 5/2, 7/4: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
78.0 73.2 4.7 0.1 21.5 0.5 0.0  
8/2, 7/1: 78.6 73.2 5.3 0.1 20.9 0.5 0.0  
9/6(2), 8/5, 7/4: 75.8 71.6 4.1 0.1 23.7 0.5 0.0

## 237 (-) X to play 4-2

BR: 8/4, 7/5  
JF: 8/4, 7/5

9/7, 9/5: J-R6/7 J-2ply  
0.745 0.666  
8/4, 7/5: 0.834\* 0.819\*

9/7, 9/5: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
81.6 70.2 11.2 0.2 18.1 0.3 0.0  
8/4, 7/5: 81.3 59.9 20.8 0.6 17.5 1.2 0.0

## 238 (-) X to play 5-4

BR: 8/4, 7/2  
JF: 8/4, 7/2

6/1, 6/2: J-R6/7 J-2ply  
0.939 0.960  
8/4, 7/2: 0.988\* 0.981\*

6/1, 6/2: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
92.0 82.0 9.9 0.1 7.9 0.1 0.0  
8/4, 7/2: 91.5 75.9 15.2 0.4 8.4 0.1 0.0

## 239a (83) X to play 5-1

BR: 5/0, 5/4  
JF: 5/0, 5/4

5/0, 5/4: J-R6/7 J-2ply  
1.134\* 1.051\*  
6/0: 1.054 1.024

5/0, 5/4: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
85.4 45.5 38.8 1.5 14.2 0.0 0.0  
6/0: 81.1 39.5 40.0 1.6 18.9 0.0 0.0

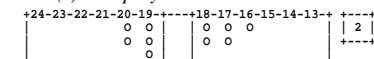
## 239b (-) X to play 4-1

BR: 6/2, 3/2  
JF: 4/0, 4/3 (X: -0.046)

6/2, 3/2: J-R6/7 J-2ply  
0.913\* 0.879  
4/0, 4/3: 0.867 0.893\*

6/2, 3/2: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
77.6 42.7 33.8 1.1 22.4 0.0 0.0  
4/0, 4/3: 74.8 38.9 34.6 1.3 25.2 0.0 0.0

## 240a (-) X to play 6-1













## 295a (212a) cube?

BR: gammon/pass  
 JF: double/pass  
 RO: gammon/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.919 0.905 0.894  
 Center: 1.000  
 X: 1.000  
 O: 0.902

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	94.8	92.6	2.1	0.1	5.2	0.0	0.0
J-R6/7:	94.0	91.5	2.5	0.0	5.9	0.1	0.0

## 295b (212b) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.840 0.830 0.831  
 Center: 0.898  
 X: 0.910  
 O: 0.812

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	90.9	88.9	2.0	0.0	9.1	0.0	0.0
J-R6/7:	90.4	88.3	2.1	0.0	9.6	0.0	0.0

## 296 (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.620 0.668 0.631  
 Center: 0.938  
 X: 0.943  
 O: 0.595

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	75.5	59.8	15.2	0.5	19.4	5.1	0.0
J-R6/7:	76.9	60.2	16.2	0.5	18.8	4.3	0.0

## 297 (-) X to play 5-1

BR: b/20, 13/12  
 JF: b/20, 13/12

J-R6/7 J-2ply  
 b/20, 13/12: 0.447\* 0.495\*  
 b/20/19: 0.329 0.417

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/20, 13/12:	71.8	64.9	6.7	0.2	22.3	5.9	0.0
b/20/19:	66.2	60.9	5.2	0.1	29.0	4.8	0.0

## 298 (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.147 0.279 0.337  
 Center: 0.641  
 X: 0.663  
 O: 0.107

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	60.9	59.3	1.6	0.0	30.3	8.8	0.0
J-R6/7:	65.3	60.5	4.7	0.1	27.1	7.5	0.1

## 299 (-) X to play 6-2

BR: 13/7, 9/7  
 JF: 13/7, 9/7

J-R6/7 J-2ply  
 9/3, 13/11: 0.597 0.598

13/7, 9/7: 0.641\* 0.682\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
9/3, 13/11:	80.0	79.8	0.2	0.0	19.6	0.4	0.0
13/7, 9/7:	82.2	82.1	0.1	0.0	17.4	0.4	0.0

## 300 (213) X to play 4-1

BR: 8/4, 18/17  
 JF: 8/4, 7/6 (X: -0.085)

J-R6/7 J-2ply  
 8/4, 5/4: -1.570 -1.542  
 8/4, 18/17: -1.486\* -1.571  
 5/4, 17/13: -1.556 -1.580  
 8/4, 7/6: -1.571 -1.521\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/4, 5/4:	9.1	9.1	0.0	0.0	24.6	57.4	8.9
8/4, 18/17:	9.5	9.5	0.0	0.0	25.4	62.6	2.5
5/4, 17/13:	8.9	8.9	0.0	0.0	23.1	62.7	5.3
8/4, 7/6:	9.4	9.4	0.0	0.0	23.9	57.4	9.3

## 301 (214) X to play 6-3

BR: 13/7\*, 10/7  
 JF: 13/7\*, 10/7

J-R6/7 J-2ply  
 13/7\*, 15/12: -1.408 -1.335  
 13/7\*, 10/7: -1.357\* -1.322\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/7*, 15/12:	10.4	10.4	0.0	0.0	31.8	54.1	3.7
13/7*, 10/7:	10.4	10.4	0.0	0.0	35.4	51.9	2.3

## 302 (-) X to play 2

BR: 20/18  
 JF: 20/18

J-R6/7 J-2ply  
 8/6: -2.040 -1.986  
 18/16: -2.019 -1.981  
 20/18: -1.769\* -1.818\*  
 22/20: -1.939 -2.012  
 23/21: -2.121 -2.092

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/6:	5.5	5.5	0.0	0.0	23.2	27.5	43.8
18/16:	5.6	5.6	0.0	0.0	23.5	28.7	42.2
20/18:	5.7	5.7	0.0	0.0	25.8	48.7	19.8
22/20:	5.2	5.2	0.0	0.0	22.6	40.0	32.2
23/21:	4.5	4.5	0.0	0.0	19.6	30.7	45.2

## 303 (-) X to play 5-1

BR: 12/7, 22/21  
 JF: 12/7, 22/21

J-R6/7 J-2ply  
 7/6\*, 6/1: -1.591 -1.520  
 7/6\*, 16/11: -1.515 -1.572  
 12/7, 22/21: -1.500\* -1.487\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/6*, 6/1:	3.9	3.9	0.0	0.0	37.4	50.3	8.4
7/6*, 16/11:	8.2	8.2	0.0	0.0	36.7	42.3	12.8
12/7, 22/21:	6.6	6.6	0.0	0.0	37.0	49.7	6.7

## 304 (215) X to play 4-2

BR: 9/5\*, 5/3  
 JF: 9/5\*, 5/3

J-R6/7 J-2ply  
 9/5\*, 19/17: -0.286 -0.268  
 9/5\*, 5/3: -0.155\* -0.201\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
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9/5\*, 19/17: 39.7 39.7 0.0 0.0 52.5 7.6 0.2  
 9/5\*, 5/3: 44.0 44.0 0.0 0.0 52.5 3.5 0.0

## 305 (-) X to play 4-3

BR: b/21, 6/3  
 JF: b/21, 6/3

J-R6/7 J-2ply  
 b/21/18: -0.392 -0.397  
 b/21, 6/3: -0.379\* -0.382\*  
 b/21, 5/2: -0.400 -0.397

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/21/18:	30.5	30.4	0.1	0.0	69.2	0.3	0.0
b/21, 6/3:	31.3	31.1	0.2	0.0	67.9	0.8	0.0
b/21, 5/2:	30.3	30.1	0.2	0.0	68.9	0.8	0.0

## 306 (-) X to play 5-1

BR: b/20, 6/5  
 JF: b/20, 7/6

J-R6/7 J-2ply  
 b/20/19: -0.684 -0.699  
 b/20, 6/5: -0.614 -0.648  
 b/20, 7/6: -0.614\* -0.630\*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/20/19:	15.7	15.4	0.3	0.0	84.1	0.2	0.0
b/20, 6/5:	19.1	18.7	0.4	0.0	80.8	0.1	0.0
b/20, 7/6:	19.2	18.8	0.4	0.0	80.7	0.1	0.0

## 307 (218) cube?

BR: double/take (X: -0.033)  
 JF: double/take (X: -0.033)  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.432 0.472 0.450  
 Center: 0.714  
 X: 0.753  
 O: 0.360

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	71.6	71.6	0.0	0.0	28.4	0.0	0.0
J-R6/7:	73.6	73.6	0.0	0.0	26.4	0.0	0.0

## 308 (219) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: -0.117 -0.026 -0.041  
 Center: -0.043  
 X: 0.090  
 O: -0.258

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	44.2	44.2	0.0	0.0	55.8	0.0	0.0
J-R6/7:	48.7	48.7	0.0	0.0	51.3	0.0	0.0

## 309 (220) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.713 0.736 0.733  
 Center: 0.908  
 X: 0.919  
 O: 0.680

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	85.7	85.7	0.0	0.0	14.3	0.0	0.0
J-R6/7:	86.8	86.8	0.0	0.0	13.2	0.0	0.0

## 310 (221) cube?



Cubeless: 0.292 0.111 0.036  
 Center: 0.492  
 X: 0.657  
 O: 0.120

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 67.1 67.1 0.0 0.0 28.8 3.3 0.8  
 J-R6/7: 59.2 59.2 0.0 0.0 34.5 5.3 1.0

## 324a (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.604 0.566 0.605  
 Center: 0.991  
 X: 0.992  
 O: 0.550

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 80.2 80.2 0.0 0.0 19.8 0.0 0.0  
 J-R6/7: 78.3 78.3 0.0 0.0 21.7 0.0 0.0

## 325 (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.286 0.261 0.429  
 Center: 0.645  
 X: 0.763  
 O: 0.110

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 65.9 65.9 0.0 0.0 31.5 2.0 0.6  
 J-R6/7: 66.1 66.1 0.0 0.0 28.9 3.9 1.1

## 326 (-) cube?

BR: double/take (O: -0.038)  
 JF: double/pass  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.612 0.619 0.723  
 Center: 0.829  
 X: 0.872  
 O: 0.519

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 77.3 70.7 6.6 0.0 22.7 0.0 0.0  
 J-R6/7: 77.5 70.7 6.7 0.1 22.5 0.0 0.0

## 327 (238) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.723 0.688 0.636  
 Center: 0.868  
 X: 0.892  
 O: 0.669

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 86.2 86.2 0.0 0.0 13.8 0.0 0.0  
 J-R6/7: 84.4 84.4 0.0 0.0 15.6 0.0 0.0

## 328 (231) cube?

BR: double/take  
 JF: nodouble/take (X: -0.263)  
 RO: double/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.470 0.470 0.372  
 Center: 0.626  
 X: 0.643  
 O: 0.453

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 73.5 73.5 0.0 0.0 26.5 0.0 0.0  
 J-R6/7: 73.5 73.5 0.0 0.0 26.5 0.0 0.0

## 329 (240) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.237 0.270 0.298  
 Center: 0.390  
 X: 0.471  
 O: 0.137

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 61.9 61.9 0.0 0.0 38.1 0.0 0.0  
 J-R6/7: 63.5 63.5 0.0 0.0 36.5 0.0 0.0

## 330 (232) cube?

BR: double/pass  
 JF: nodouble/take (X: -0.149, O: -0.074)  
 RO: double/pass

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.549 0.549 0.251  
 Center: 0.851  
 X: 0.851  
 O: 0.537

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 77.4 77.4 0.0 0.0 22.6 0.0 0.0  
 J-R6/7: 77.4 77.4 0.0 0.0 22.6 0.0 0.0

## 331 (233) cube?

BR: double/take (X: -0.055)  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.370 0.381 0.307  
 Center: 0.520  
 X: 0.589  
 O: 0.267

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 66.2 50.3 15.4 0.5 22.4 11.0 0.4  
 J-R6/7: 65.6 47.4 17.3 0.9 22.7 11.1 0.6

## 332 (234) cube?

BR: double/take (X: -0.323)  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: 0.283 0.237 0.176  
 Center: 0.567  
 X: 0.653  
 O: 0.165

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 69.6 69.6 0.0 0.0 20.2 9.5 0.7  
 J-R6/7: 68.0 68.0 0.0 0.0 20.4 11.0 0.6

## 333 (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: -0.010 -0.084 -0.098  
 Center: 0.085  
 X: 0.195  
 O: -0.125

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 55.1 55.1 0.0 0.0 34.3 10.0 0.6  
 J-R6/7: 51.5 51.5 0.0 0.0 37.4 10.7 0.4

## 333a (-) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6 J-R6/7 J-2ply  
 Cubeless: -0.147 -0.203 -0.202  
 Center: -0.132

X: 0.036  
 O: -0.309

J-R6: X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 48.4 48.4 0.0 0.0 40.7 10.2 0.7  
 J-R6/7: 46.2 46.2 0.0 0.0 41.7 11.6 0.5

## 334 (-) X to play 6-2

BR: b/19, 3/1\*  
 JF: b/19, 3/1\*

J-R6/7 J-2ply  
 b/17: 0.393 0.397  
 b/19, 3/1\*: 0.640\* 0.615\*

J-R6/7 J-2ply  
 b/17: 64.5 54.5 9.7 0.3 35.5 0.0 0.0  
 b/19, 3/1\*: 66.8 37.9 27.3 1.6 33.2 0.0 0.0

## 335a (-) X to play 5-3

BR: 12/7, 10/7 (X: -0.003)  
 JF: 12/7, 10/7 (X: -0.003)

J-R6/7 J-2ply  
 12/7, 10/7: -0.671 -0.701\*  
 9/1: -0.668\* -0.703

J-R6/7 J-2ply  
 12/7, 10/7: 26.5 26.5 0.0 0.0 55.1 16.7 1.7  
 9/1: 26.2 26.2 0.0 0.0 56.1 16.2 1.5

## 335b (-) X to play 1-1

BR: 9/7, 14/13, 18/17 (X: -0.055)  
 JF: 9/8, 10/8, 14/13

J-R6/7 J-2ply  
 9/7, 14/13, 18/17: -0.762 -0.804  
 9/8, 10/8, 14/13: -0.707\* -0.695\*

J-R6/7 J-2ply  
 9/7, 14/13, 18/17: 25.6 25.6 0.0 0.0 51.3 18.8 4.3  
 9/8, 10/8, 14/13: 26.8 26.8 0.0 0.0 51.4 19.2 2.6

## 336 (-) X to play 6-2

BR: b/19, 3/1\* (X: -0.049)  
 JF: b/19, 16/14

J-R6/7 J-2ply  
 b/19, 3/1\*: -0.357 -0.375  
 b/19, 16/14: -0.308\* -0.270\*

J-R6/7 J-2ply  
 b/19, 3/1\*: 44.3 44.3 0.0 0.0 33.5 20.1 2.1  
 b/19, 16/14: 40.5 40.5 0.0 0.0 48.4 10.5 0.6

## 337 (-) X to play 5-3

BR: 7/2\*, 4/1 (X: -0.001)  
 JF: 7/2\*, 5/2

J-R6/7 J-2ply  
 7/2\*, 4/1: 0.309 0.179  
 7/2\*, 5/2: 0.310\* 0.197\*

J-R6/7 J-2ply  
 7/2\*, 4/1: 67.8 67.8 0.0 0.0 28.2 3.5 0.5  
 7/2\*, 5/2: 67.3 67.3 0.0 0.0 29.5 2.8 0.4

## 338 (-) X to play 1

BR: 2/1\*  
 JF: 3/2 (X: -0.007)

J-R6/7 J-2ply



RO: double/pass

	<b>J-R6</b>	<b>J-R6/7</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.630	0.599	0.625
<b>Center:</b>	0.868		
<b>X:</b>	0.891		
<b>O:</b>	0.585		

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	81.5	81.5	0.0	0.0	18.5	0.0	0.0
<b>J-R6/7:</b>	80.0	80.0	0.0	0.0	20.0	0.0	0.0

### 353 (-) X to play 5-3

BR: 11/8, 9/4  
JF: 11/8, 9/4

	<b>J-R6/7</b>	<b>J-2ply</b>
<b>11/6, 9/6:</b>	-0.398	-0.382
<b>11/8, 9/4:</b>	-0.319*	-0.345*

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>11/6, 9/6:</b>	30.1	30.1	0.0	0.0	69.9	0.0	0.0
<b>11/8, 9/4:</b>	34.0	34.0	0.0	0.0	66.0	0.0	0.0

### 354 (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	<b>J-R6</b>	<b>J-R6/7</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.507	0.517	0.487
<b>Center:</b>	0.756		
<b>X:</b>	0.786		
<b>O:</b>	0.459		

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	75.4	75.4	0.0	0.0	24.5	0.1	0.0
<b>J-R6/7:</b>	75.9	75.9	0.0	0.0	24.0	0.1	0.0

### 355 (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	<b>J-R6</b>	<b>J-R6/7</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.493	0.499	0.508
<b>Center:</b>	0.760		
<b>X:</b>	0.800		
<b>O:</b>	0.411		

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	74.5	74.2	0.3	0.0	25.5	0.0	0.0
<b>J-R6/7:</b>	74.8	74.5	0.3	0.0	25.2	0.0	0.0

### 356 (-) cube?

BR: double/take  
JF: nodouble/take (X: -0.223)  
RO: double/take

	<b>J-R6</b>	<b>J-R6/7</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.469	0.457	0.395
<b>Center:</b>	0.525		
<b>X:</b>	0.618		
<b>O:</b>	0.374		

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	73.7	73.5	0.2	0.0	25.6	0.7	0.0
<b>J-R6/7:</b>	73.2	72.9	0.3	0.0	25.9	0.9	0.0

#### Statistics (The Race):

**Checkerplays:** 1, Games played: 15552  
**Cubes:** 9, Games played: 69984  
**Overall:** 10, Games played: 85536

**Bill Robertie:**  
**Diff Checkerplays:** 0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)  
**Diff Cubes:** 2, Sum: -0.029, Avg: -0.0032, Max: -0.028 (350)  
**Overall Diff:** 2, Sum: -0.029, Avg: -0.0029

**Jellyfish 2ply:**  
**Diff Checkerplays:** 0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)  
**Diff Cubes:** 5, Sum: -0.583, Avg: -0.0648, Max: -0.285 (351)  
**Overall Diff:** 5, Sum: -0.583, Avg: -0.0583

#### Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

**All Checkerplays:** 2, Avg Diff: 0.0210  
**All Cubes (Trunc):** 9, Avg Diff: 0.0468  
**All Cubes (Full):** 9, Avg Diff: 0.0623  
**Overall Diff:** 20, Avg Diff: 0.0512

#### Average Standard Deviation of Rollouts:

**Checkerplays:** 0.0060, **Cubes (T):** 0.0052; **Cubes (F):** 0.0110, **All:** 0.0097

## 14 The Bearoff

### 357a (4a) cube?

BR: double/pass  
JF: nodouble/take (X: -0.278, O: -0.444)  
RO: double/pass

	<b>J-R6</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.722	0.000
<b>Center:</b>	0.722	
<b>X:</b>	0.722	
<b>O:</b>	0.722	

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	86.1	86.1	0.0	0.0	13.9	0.0	0.0

### 357b (4b) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	<b>J-R6</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.572	0.575
<b>Center:</b>	0.766	
<b>X:</b>	0.766	
<b>O:</b>	0.572	

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	78.6	78.6	0.0	0.0	21.4	0.0	0.0

### 357c (4c) cube?

BR: double/take  
JF: double/pass (O: -0.046)  
RO: double/take

	<b>J-R6</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.512	0.575
<b>Center:</b>	0.772	
<b>X:</b>	0.802	
<b>O:</b>	0.477	

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	75.6	75.6	0.0	0.0	24.4	0.0	0.0

### 357d (4d) cube?

BR: double/take  
JF: double/pass (O: -0.262)  
RO: double/take

	<b>J-R6</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.441	0.568
<b>Center:</b>	0.734	
<b>X:</b>	0.786	
<b>O:</b>	0.369	

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	72.0	72.0	0.0	0.0	28.0	0.0	0.0

### 358a (5) cube?

BR: double/take  
JF: nodouble/take (X: -0.225)  
RO: double/take

	<b>J-R6</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.343	0.252
<b>Center:</b>	0.225	
<b>X:</b>	0.344	
<b>O:</b>	0.225	

	<b>X-Wins</b>	<b>X-Sgls</b>	<b>X-Gams</b>	<b>X-Bgs</b>	<b>O-Sgls</b>	<b>O-Gams</b>	<b>O-Bgs</b>
<b>J-R6:</b>	67.1	67.1	0.0	0.0	32.9	0.0	0.0

### 358b (5) cube?

BR: nodouble/take (X: -0.106)  
JF: nodouble/take (X: -0.106)  
RO: double/take

	<b>J-R6</b>	<b>J-2ply</b>
<b>Cubeless:</b>	0.343	0.252
<b>Center:</b>	0.225	

X: 0.344  
 O: 0.225

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
67.1	67.1	0.0	0.0	32.9	0.0	0.0	

### 359 (7) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.497	0.504
Center: 0.663	
X: 0.686	
O: 0.474	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
74.9	74.9	0.0	0.0	25.1	0.0	0.0	

### 360 (8) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.520	0.500
Center: 0.509	
X: 0.541	
O: 0.488	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
76.0	76.0	0.0	0.0	24.0	0.0	0.0	

### 361 (9) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.481	0.554
Center: 0.716	
X: 0.716	
O: 0.481	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
74.1	74.1	0.0	0.0	25.9	0.0	0.0	

### 362 (10) cube?

BR: double/take  
 JF: nodouble/take (X: -0.416)  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.466	0.346
Center: 0.516	
X: 0.516	
O: 0.466	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
73.3	73.3	0.0	0.0	26.7	0.0	0.0	

### 363 (-) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.472	0.444
Center: 0.507	
X: 0.507	
O: 0.472	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
73.6	73.6	0.0	0.0	26.4	0.0	0.0	

### 364 (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-2ply

Cubeless: 0.517 0.702  
 Center: 0.638  
 X: 0.638  
 O: 0.517

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
75.8	75.8	0.0	0.0	24.2	0.0	0.0	

### 365 (-) cube?

BR: double/take (O: -0.006)  
 JF: double/take (O: -0.006)  
 RO: double/pass

J-R6	J-2ply
Cubeless: 0.503	0.482
Center: 0.524	
X: 0.524	
O: 0.503	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
75.2	75.2	0.0	0.0	24.8	0.0	0.0	

Robertie's Position

### 365a (-) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.388	0.408
Center: 0.458	
X: 0.480	
O: 0.367	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
69.4	69.4	0.0	0.0	30.6	0.0	0.0	

### 366 (13) cube?

BR: double/take  
 JF: nodouble/take (X: -0.120)  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.120	0.179
Center: 0.120	
X: 0.120	
O: 0.120	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
56.0	56.0	0.0	0.0	44.0	0.0	0.0	

### 367 (14) cube?

BR: double/pass  
 JF: double/take (O: -0.074)  
 RO: double/pass

J-R6	J-2ply
Cubeless: 0.537	0.457
Center: 0.537	
X: 0.537	
O: 0.537	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
76.9	76.9	0.0	0.0	23.1	0.0	0.0	

### 368 (-) cube?

BR: double/pass (O: -0.004)  
 JF: double/pass (O: -0.004)  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.498	0.570
Center: 0.745	
X: 0.745	
O: 0.498	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
74.9	74.9	0.0	0.0	25.1	0.0	0.0	

### 369 (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6	J-2ply
Cubeless: 0.666	0.687
Center: 0.880	
X: 0.896	
O: 0.650	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
83.3	83.3	0.0	0.0	16.7	0.0	0.0	

### 370 (-) cube?

BR: double/take  
 JF: double/pass (O: -0.114)  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.452	0.566
Center: 0.670	
X: 0.676	
O: 0.443	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
72.6	72.6	0.0	0.0	27.4	0.0	0.0	

### 371 (15) cube?

BR: double/take  
 JF: nodouble/take (X: -0.038)  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.241	0.050
Center: 0.330	
X: 0.362	
O: 0.200	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
62.0	62.0	0.0	0.0	38.0	0.0	0.0	

### 372 (16) cube?

BR: double/take  
 JF: double/take  
 RO: double/take

J-R6	J-2ply
Cubeless: 0.486	0.453
Center: 0.520	
X: 0.527	
O: 0.478	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
74.3	74.3	0.0	0.0	25.7	0.0	0.0	

### 373 (17) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6	J-2ply
Cubeless: 0.251	0.244
Center: 0.274	
X: 0.401	
O: 0.121	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
62.5	62.5	0.0	0.0	37.5	0.0	0.0	

### 374 (18) cube?

BR: nodouble/take  
 JF: nodouble/take  
 RO: nodouble/take

J-R6	J-2ply
Cubeless: 0.045	0.078
Center: 0.250	
X: 0.315	
O: -0.020	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
52.3	52.3	0.0	0.0	47.7	0.0	0.0	

375 (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.499	0.518						
Center:	0.507							
X:	0.561							
O:	0.437							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	75.0	75.0	0.0	0.0	25.0	0.0	0.0	

376 (20) cube?

BR: double/take  
JF: nodouble/take (X: -0.368)  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.483	0.372						
Center:	0.583							
X:	0.588							
O:	0.478							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	74.2	74.2	0.0	0.0	25.8	0.0	0.0	

377 (21) cube?

BR: double/take  
JF: nodouble/take (X: -0.287)  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.415	0.253						
Center:	0.543							
X:	0.543							
O:	0.415							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	70.7	70.7	0.0	0.0	29.3	0.0	0.0	

378 (-) cube?

BR: double/pass  
JF: double/take (O: -0.056)  
RO: double/pass

	J-R6	J-2ply						
Cubeless:	0.537	0.551						
Center:	0.656							
X:	0.664							
O:	0.528							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	76.8	76.8	0.0	0.0	23.2	0.0	0.0	

379 (-) cube?

BR: double/take  
JF: nodouble/take (X: -0.123)  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.323	0.299						
Center:	0.431							
X:	0.461							
O:	0.292							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	66.2	66.2	0.0	0.0	33.8	0.0	0.0	

380 (22) cube?

BR: double/take  
JF: nodouble/take (X: -0.337)  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.431	0.380						
Center:	0.525							
X:	0.525							
O:	0.431							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	71.5	71.5	0.0	0.0	28.5	0.0	0.0	

381 (23) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.460	0.460						
Center:	0.638							
X:	0.662							
O:	0.433							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	73.0	73.0	0.0	0.0	27.0	0.0	0.0	

382 (24) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.387	0.418						
Center:	0.532							
X:	0.561							
O:	0.354							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	69.3	69.3	0.0	0.0	30.7	0.0	0.0	

383a (-) cube?

BR: double/take  
JF: nodouble/take (X: -0.081)  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.327	0.386						
Center:	0.473							
X:	0.505							
O:	0.293							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	66.3	66.3	0.0	0.0	33.7	0.0	0.0	

383b (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.435	0.493						
Center:	0.601							
X:	0.623							
O:	0.411							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	71.8	71.8	0.0	0.0	28.2	0.0	0.0	

383c (-) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-2ply						
Cubeless:	0.579	0.607						
Center:	0.793							
X:	0.803							
O:	0.565							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	79.0	79.0	0.0	0.0	21.0	0.0	0.0	

384a (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.382	0.409						
Center:	0.530							
X:	0.559							
O:	0.349							

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.1	69.1	0.0	0.0	30.9	0.0	0.0

384b (-) cube?

BR: double/take  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.479	0.535						
Center:	0.638							
X:	0.654							
O:	0.461							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	74.0	74.0	0.0	0.0	26.0	0.0	0.0	

384c (-) cube?

BR: double/pass  
JF: double/take (O: -0.120)  
RO: double/pass

	J-R6	J-2ply						
Cubeless:	0.568	0.467						
Center:	0.736							
X:	0.741							
O:	0.560							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	78.4	78.4	0.0	0.0	21.6	0.0	0.0	

385 (26) cube?

BR: double/pass  
JF: double/take (O: -0.040)  
RO: double/pass

	J-R6	J-2ply						
Cubeless:	0.547	0.441						
Center:	0.726							
X:	0.746							
O:	0.520							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	77.3	77.3	0.0	0.0	22.7	0.0	0.0	

386 (27) cube?

BR: double/pass  
JF: double/pass  
RO: double/pass

	J-R6	J-2ply						
Cubeless:	0.594	0.612						
Center:	0.850							
X:	0.871							
O:	0.548							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	79.7	79.7	0.0	0.0	20.3	0.0	0.0	

387a (-) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-2ply						
Cubeless:	0.227	0.228						
Center:	0.314							
X:	0.388							
O:	0.149							
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	61.3	61.3	0.0	0.0	38.7	0.0	0.0	

387b (-) cube?

BR: nodouble/take (X: -0.026)  
JF: double/take  
RO: double/take

	J-R6	J-2ply						
Cubeless:	0.402	0.480						
Center:	0.624							
X:	0.668							

O: 0.347  
**J-R6:** X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 70.1 70.1 0.0 0.0 29.9 0.0 0.0

### 387c (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-2ply  
 Cubeless: 0.719 0.737  
 Center: 0.936  
 X: 0.947  
 O: 0.694

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
**J-R6:** 86.0 86.0 0.0 0.0 14.0 0.0 0.0

### 388 (-) cube?

BR: double/take  
 JF: double/pass (O: -0.002)  
 RO: double/take

J-R6 J-2ply  
 Cubeless: 0.530 0.589  
 Center: 0.813  
 X: 0.831  
 O: 0.499

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
**J-R6:** 76.5 76.5 0.0 0.0 23.5 0.0 0.0

### 389 (-) cube?

BR: double/pass  
 JF: double/pass  
 RO: double/pass

J-R6 J-2ply  
 Cubeless: 0.775 0.798  
 Center: 0.918  
 X: 0.925  
 O: 0.758

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
**J-R6:** 88.7 88.7 0.0 0.0 11.3 0.0 0.0

### 390 (-) cube?

BR: gammon/pass  
 JF: gammon/pass  
 RO: gammon/pass

J-R6 J-2ply  
 Cubeless: 1.027 1.024  
 Center: 1.028  
 X: 1.028  
 O: 1.027

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
**J-R6:** 100.0 97.2 2.8 0.0 0.0 0.0 0.0

### 391 (19) X to play 6-2

BR: 4/o, 3/1 (X: -0.002)  
 JF: 4/o, 4/2

J-R6/7 J-2ply  
 4/o, 3/1: 0.406 0.418  
 4/o, 4/2: 0.408\* 0.497\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 4/o, 3/1: 70.3 70.3 0.0 0.0 29.7 0.0 0.0  
 4/o, 4/2: 70.4 70.4 0.0 0.0 29.6 0.0 0.0

### 392 (-) X to play 5-1

BR: 4/o, 3/2 (X: -0.006)  
 JF: 4/o, 2/1

J-R6/7 J-2ply  
 4/o, 3/2: 0.349 0.220  
 4/o, 2/1: 0.355\* 0.322\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 4/o, 3/2: 67.4 67.4 0.0 0.0 32.6 0.0 0.0  
 4/o, 2/1: 67.8 67.8 0.0 0.0 32.2 0.0 0.0

### 393 (-) X to play 6-2

BR: 6/o, 3/1  
 JF: 6/o, 4/2 (X: -0.010)

J-R6/7 J-2ply  
 6/o, 3/1: -0.919\* -0.904  
 6/o, 4/2: -0.929 -0.893\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 6/o, 3/1: 4.0 4.0 0.0 0.0 96.0 0.0 0.0  
 6/o, 4/2: 3.6 3.6 0.0 0.0 96.4 0.0 0.0

### 394 (-) X to play 4

BR: 5/1  
 JF: 5/1

J-R6/7 J-2ply  
 5/1: 0.598\* 0.560\*  
 6/2: 0.585 0.525

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 5/1: 79.9 79.9 0.0 0.0 20.1 0.0 0.0  
 6/2: 79.3 79.3 0.0 0.0 20.7 0.0 0.0

### 395a (-) X to play 4-2

BR: 6/o  
 JF: 6/2, 5/3 (X: -0.010)

J-R6/7 J-2ply  
 6/o: -0.067\* -0.084  
 6/2, 5/3: -0.077 -0.057\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 6/o: 46.6 46.6 0.0 0.0 53.4 0.0 0.0  
 6/2, 5/3: 46.1 46.1 0.0 0.0 53.9 0.0 0.0

JellyFish 2ply plays 6/o.

### 395b (-) X to play 4-1

BR: 5/o  
 JF: 5/o

J-R6/7 J-2ply  
 5/o: -0.126\* -0.139\*  
 6/2, 5/4: -0.135 -0.158

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 5/o: 43.7 43.7 0.0 0.0 56.3 0.0 0.0  
 6/2, 5/4: 43.2 43.2 0.0 0.0 56.8 0.0 0.0

### 395c (-) X to play 3-2

BR: 5/o  
 JF: 5/o

J-R6/7 J-2ply  
 5/o: -0.126\* -0.139\*  
 6/3, 5/3: -0.139 -0.158

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 5/o: 43.7 43.7 0.0 0.0 56.3 0.0 0.0  
 6/3, 5/3: 43.0 43.0 0.0 0.0 57.0 0.0 0.0

### 395d (-) X to play 3-1

BR: 6/3, 5/4

JF: 6/3, 5/4

J-R6/7 J-2ply  
 4/o: -0.201 -0.266  
 6/3, 5/4: -0.188\* -0.200\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 4/o: 39.9 39.9 0.0 0.0 60.1 0.0 0.0  
 6/3, 5/4: 40.6 40.6 0.0 0.0 59.4 0.0 0.0

JellyFish 2ply plays 4/o.

### 396a (-) X to play 4

BR: 4/o  
 JF: 6/2 (X: -0.013)

J-R6/7 J-2ply  
 4/o: 0.014\* -0.084  
 6/2: 0.001 0.006\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 4/o: 50.7 50.7 0.0 0.0 49.3 0.0 0.0  
 6/2: 50.1 50.1 0.0 0.0 49.9 0.0 0.0

JellyFish 2ply plays 4/o.

### 396b (-) X to play 4

BR: 6/2  
 JF: 6/2

J-R6/7 J-2ply  
 4/o: 0.728 0.662  
 6/2: 0.736\* 0.718\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 4/o: 86.4 86.4 0.0 0.0 13.6 0.0 0.0  
 6/2: 86.8 86.8 0.0 0.0 13.2 0.0 0.0

JellyFish 2ply plays 4/o.

### 396c (-) X to play 4

BR: 6/2  
 JF: 6/2

J-R6/7 J-2ply  
 4/o: 0.398 0.352  
 6/2: 0.400\* 0.388\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 4/o: 69.9 69.9 0.0 0.0 30.1 0.0 0.0  
 6/2: 70.0 70.0 0.0 0.0 30.0 0.0 0.0

JellyFish 2ply plays 4/o.

### 397a (-) X to play 3

BR: 6/3  
 JF: 6/3

J-R6/7 J-2ply  
 3/o: 0.620 0.608  
 6/3: 0.637\* 0.629\*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs  
 3/o: 81.0 81.0 0.0 0.0 19.0 0.0 0.0  
 6/3: 81.9 81.9 0.0 0.0 18.1 0.0 0.0

JellyFish 2ply plays 3/o.

### 397b (-) X to play 3

BR: 5/2



JF: 5/2

	J-R6/7	J-2ply						
3/o:	0.694	0.673						
5/2:	0.703*	0.697*						
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
3/o:	84.7	84.7	0.0	0.0	15.3	0.0	0.0	
5/2:	85.2	85.2	0.0	0.0	14.8	0.0	0.0	

JellyFish 2ply plays 3/o.

### 398a (-) X to play 2

BR: 6/4  
JF: 6/4

	J-R6/7	J-2ply						
2/o:	0.773	0.700						
6/4:	0.782*	0.750*						
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
2/o:	88.7	88.7	0.0	0.0	11.3	0.0	0.0	
6/4:	89.1	89.1	0.0	0.0	10.9	0.0	0.0	

JellyFish 2ply plays 2/o.

### 398b (-) X to play 2

BR: 5/3  
JF: 5/3

	J-R6/7	J-2ply						
2/o:	0.723	0.702						
5/3:	0.733*	0.725*						
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
2/o:	86.2	86.2	0.0	0.0	13.8	0.0	0.0	
5/3:	86.6	86.6	0.0	0.0	13.4	0.0	0.0	

JellyFish 2ply plays 2/o.

### 398c (-) X to play 2

BR: 4/2  
JF: 2/o (X: -0.007)

	J-R6/7	J-2ply						
2/o:	0.884	0.845*						
4/2:	0.891*	0.837						
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
2/o:	94.2	94.2	0.0	0.0	5.8	0.0	0.0	
4/2:	94.5	94.5	0.0	0.0	5.5	0.0	0.0	

### 399 (-) X to play 2

BR: 4/2 (X: -0.026)  
JF: 2/o

	J-R6/7	J-2ply						
2/o:	0.742*	0.733*						
4/2:	0.716	0.583						
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
2/o:	87.1	87.1	0.0	0.0	12.9	0.0	0.0	
4/2:	85.8	85.8	0.0	0.0	14.2	0.0	0.0	

### 400 (-) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-2ply
Cubeless:	0.024	-0.049
Center:	0.076	

X: 0.144  
O: -0.043

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
51.2	51.2	0.0	0.0	48.8	0.0	0.0	

### 400a (-) cube?

BR: nodouble/take  
JF: nodouble/take  
RO: nodouble/take

	J-R6	J-2ply
Cubeless:	0.095	0.228
Center:	0.117	
X:	0.182	
O:	0.017	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
54.7	54.7	0.0	0.0	45.3	0.0	0.0	

### 400b (-) cube?

BR: double/take  
JF: nodouble/take (X: -0.187)  
RO: double/take

	J-R6	J-2ply
Cubeless:	0.187	0.037
Center:	0.187	
X:	0.187	
O:	0.187	

J-R6:	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
59.3	59.3	0.0	0.0	40.7	0.0	0.0	

### Statistics (The Bearoff):

Checkerplays:	17, Games played:	264384
Cubes:	48, Games played:	373248
Overall:	65, Games played:	637632

Bill Robertie:	
Diff Checkerplays:	3, Sum: -0.034, Avg: -0.0020, Max: -0.026 (399)
Diff Cubes:	4, Sum: -0.142, Avg: -0.0030, Max: -0.106 (358b)
Overall Diff:	7, Sum: -0.176, Avg: -0.0027

Jellyfish 2ply:	
Diff Checkerplays:	4, Sum: -0.040, Avg: -0.0024, Max: -0.013 (396a)
Diff Cubes:	22, Sum: -3.734, Avg: -0.0778, Max: -0.722 (357a)
Overall Diff:	26, Sum: -3.774, Avg: -0.0581

### Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays:	34, Avg Diff: 0.0369
All Cubes (Trunc):	0, Avg Diff: 0.0000
All Cubes (Full):	48, Avg Diff: 0.0747
Overall Diff:	82, Avg Diff: 0.0590

Average Standard Deviation of Rollouts:	
Checkerplays:	0.0065, Cubes (T): 0.0000; Cubes (F): 0.0118, All: 0.0110