

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 Analyze 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 "R0:" 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 Jacobi 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 $t = \text{number of trials}/1296$, "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 6. This happens mostly for beavers. 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 misevaluated by JellyFish on level 5. In the 1-3 backgame #170, for example, the value with Black holding the one or center cube is 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 fibser 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 b.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
Wellesley, 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

Jellyfish on Robertie

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6 (31) X to play 5-4

BR: 6/1*, 5/1
JF: 6/1*, 5/1

J-R6/7 J-2ply
6/1*: -0.060* -0.034*
5/1*: 13/8: -0.181 -0.205
13/8, 13/9: -0.318 -0.324
24/20, 6/1*: -0.292 -0.292

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/1*, 5/1:	47.4	33.3	13.6	0.5	37.8	14.1	0.7
5/1*, 13/8:	43.3	31.2	11.6	0.5	40.3	15.6	0.8
13/8, 13/9:	39.2	28.7	10.1	0.4	40.9	18.6	1.3
24/20, 6/1*:	40.7	30.6	9.7	0.4	39.3	18.8	1.2

7 (32) X to play 5-4

BR: 13/4 (X: -0.033)
JF: 13/8, 13/9

J-R6/7 J-2ply
24/20, 13/8: -0.267 -0.254
13/8, 13/9: -0.201* -0.216*
13/4: -0.234 -0.241

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/20, 13/8:	41.7	30.4	10.8	0.5	37.5	19.7	1.1
13/8, 13/9:	43.0	30.6	11.9	0.5	39.0	16.9	1.1
13/4:	42.3	30.6	11.2	0.5	38.6	18.0	1.1

8a (-) X to play 5-4

BR: 13/8, 13/9
JF: 13/8, 13/9

J-R6/7 J-2ply
13/8, 13/9: 0.330* 0.327*
13/8, 24/20: 0.316 0.289

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/8, 13/9:	61.6	43.6	17.2	0.8	29.7	8.4	0.3
13/8, 24/20:	61.6	44.6	16.1	0.9	29.3	8.8	0.3

8b (-) X to play 5-4

BR: 13/8, 24/20
JF: 13/8, 24/20

J-R6/7 J-2ply
13/8, 13/9: 0.082 0.093
13/8, 24/20: 0.107* 0.111*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/8, 13/9:	53.9	44.4	9.2	0.3	36.9	8.9	0.3
13/8, 24/20:	55.8	47.1	8.4	0.3	34.7	9.2	0.3

9 (-) X to play 6-3

BR: 15/9, 13/10 (X: -0.028)
JF: 24/15

J-R6/7 J-2ply
24/15: 0.295* 0.302*
15/9, 13/10: 0.267 0.264

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/15:	62.2	48.3	13.2	0.7	28.6	8.9	0.3
15/9, 13/10:	59.2	40.9	17.3	1.0	30.3	10.1	0.4

10a (33a) X to play 5-2

BR: 13/10, 6/4 (X: -0.059)
JF: 13/8

	J-R6/7 J-2ply	
13/8:	0.345*	0.340*
6/1*:	0.286	0.296
24/21, 6/4:	0.333	0.330
24/21, 13/11:	0.286	0.297
13/10, 6/4:	0.286	0.308

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/8:	63.2	46.5	16.1	0.6	27.8	8.6	0.3
6/1*:	60.7	43.3	16.7	0.7	28.9	10.0	0.4
24/21, 6/4:	63.4	48.3	14.4	0.7	27.5	8.8	0.3
24/21, 13/11:	61.4	46.6	14.2	0.6	28.9	9.4	0.3
13/10, 6/4:	60.7	43.5	16.5	0.7	29.2	9.7	0.4

b/21, 13/5*, 13/9:	45.2	31.9	12.7	0.6	37.2	16.5	1.1
b/21, 13/5*, 24/20:	46.7	34.1	12.1	0.5	37.7	14.8	0.8
b/21, 13/5*, 5/1*:	46.9	33.0	13.3	0.6	38.7	13.7	0.7
b/21, 24/20(2), 13/9:	48.7	36.7	11.6	0.4	41.0	9.9	0.4

10b (33b) X to play 2-1

BR: 13/11, 6/5
JF: 13/11, 6/5

J-R6/7 J-2ply
13/11, 6/5: -0.152* -0.178*
11/9, 6/5: -0.230 -0.229
24/21, 6/5: -0.234 -0.243
13/11, 24/23: -0.214 -0.202

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/11, 6/5:	44.6	31.8	12.3	0.5	38.6	15.9	0.3
11/9, 6/5:	41.9	30.3	11.2	0.4	40.2	16.9	1.0
24/21:	42.3	31.1	10.8	0.4	38.9	18.0	0.8
13/11, 24/23:	42.9	30.8	11.7	0.4	38.2	18.1	0.8

14 (-) X to play 6-2

BR: 13/5 (X: -0.065)
JF: 24/18, 13/11

J-R6/7 J-2ply
24/18, 13/11: 0.056* 0.017*
13/5: -0.009 -0.032
13/7, 13/11: 0.003 0.003

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/18, 13/11:	52.0	36.0	15.2	0.8	33.5	13.8	0.7
13/5:	49.4	33.7	15.0	0.7	35.4	14.4	0.8
13/7, 13/11:	49.8	33.7	15.3	0.8	34.9	14.5	0.8

15 (-) X to play 3-2

BR: 13/10, 6/4 (X: -0.003)
JF: 13/10, 13/11

J-R6/7 J-2ply
13/10, 6/4: 0.007 -0.004
13/8: -0.029 -0.038
13/10, 13/11: 0.010* 0.003*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/10, 6/4:	48.3	35.3	12.7	0.3	42.9	8.5	0.3
13/8:	46.2	35.0	10.9	0.3	47.2	6.4	0.2
13/10, 13/11:	48.2	35.5	12.4	0.3	43.7	7.8	0.3

16 (35) X to play 2-1

BR: b/24, 13/11 (X: -0.072)
JF: b/22

J-R6/7 J-2ply
b/23, 6/5: -0.323 -0.333
b/24, 13/11: -0.357 -0.348
b/22: -0.285* -0.309*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/23, 6/5:	40.4	32.1	8.0	0.3	38.9	19.7	1.0
b/24, 13/11:	38.1	30.5	7.3	0.3	42.8	18.3	0.8
b/22:	41.1	33.3	7.5	0.3	40.7	17.5	0.7

17 (38) X to play 2-1

BR: 24/22, 23/22 (X: -0.025)
JF: 13/10

J-R6/7 J-2ply
13/10: 0.073* 0.087*
24/22, 23/22: 0.048 0.034

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/10:	52.8	37.6	14.3	0.9	33.3	13.3	0.6
24/22, 23/22:	51.5	37.5	13.2	0.8	36.0	12.0	0.5

18 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.567 0.589 0.575
Center: 0.844
X: 0.879
O: 0.443

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	68.6	43.5	23.6	1.5	24.5	6.6	0.3
J-R6/7:	69.6	43.7	24.4	1.5	23.0	7.1	0.3

Jellyfish on Robertie

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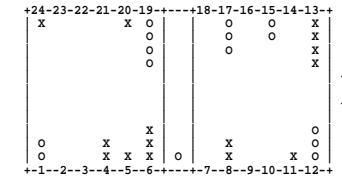
18a (-) cube?

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?



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: double/take
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.379	0.376	0.376
Center:	0.584		
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-R6/7: 66.4 40.8 24.0 1.6 25.3 8.0 0.3

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: 55, 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

Jellyfish on Robertie

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2 Middle Game

28 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.663 0.654 0.613
Center: 0.935
X: 0.953
O: 0.547

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	72.6	48.5	22.2	1.9	22.6	4.6	0.2
J-R6/7:	73.1	49.2	22.7	1.2	21.2	5.5	0.2

29 (-) X to play 6-2

BR: 16/8 (X: -0.062)
JF: 24/16

J-R6 J-R6/7 J-2ply
Cubeless: 0.648* 0.619*
Center: 0.919
X: 0.936
O: 0.463

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/16:	74.7	55.3	18.4	1.0	20.5	4.7	0.1
16/8:	70.7	48.7	20.8	1.2	23.4	5.7	0.2
16/10, 7/5:	69.0	45.2	22.4	1.4	24.1	6.6	0.3

30 (-) cube?

BR: double/take (X: -0.029)
JF: double/take (X: -0.029)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.510 0.524 0.519
Center: 0.775
X: 0.828
O: 0.373

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.4	46.1	20.5	0.8	27.0	5.4	0.2
J-R6/7:	68.0	46.2	20.9	0.9	25.8	6.0	0.2

31 (-) cube?

BR: double/take (X: -0.076)
JF: double/take (X: -0.076)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.491 0.509 0.517
Center: 0.768
X: 0.826
O: 0.346

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	64.4	37.4	25.3	1.7	27.8	7.3	0.5
J-R6/7:	65.0	37.0	26.3	1.7	26.6	8.0	0.4

32 (46) cube?

BR: double/take (O: -0.062)
JF: double/pass
RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.651 0.645 0.633
Center: 0.810
X: 0.869
O: 0.531

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.4	37.2	31.6	0.6	24.4	5.9	0.3
J-R6/7:	69.4	37.8	30.7	0.9	24.2	6.1	0.3

33 (-) X to play 1

BR: 4/3* (X: -0.039)

JF: 7/6

J-R6/7 J-2ply
4/3*: 0.534 0.484
7/6: 0.573* 0.551*
12/11: 0.515 0.501

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
4/3*:	74.0	61.6	12.0	0.4	18.7	7.2	0.1
7/6:	75.7	68.8	6.7	0.2	23.1	1.2	0.0
12/11:	73.4	67.5	5.7	0.2	25.3	1.3	0.0

34 (47) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.559 0.571 0.563
Center: 0.919
X: 0.936
O: 0.463

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.2	61.6	11.5	0.1	24.7	2.0	0.1
J-R6/7:	73.9	62.3	11.4	0.2	23.6	2.5	0.0

35 (48) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: -0.038 -0.076 -0.165
Center: -0.168
X: 0.113
O: -0.313

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	45.7	33.4	12.0	0.3	46.6	7.6	0.1
J-R6/7:	44.3	32.8	11.1	0.4	47.9	7.5	0.3

36 (49) X to play 6-5

BR: 20/9
JF: 20/9

J-R6/7 J-2ply
20/9: 0.581* 0.566*
24/13: 0.530 0.512

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
20/9:	69.9	46.2	22.4	1.3	23.6	6.3	0.2
24/13:	68.7	47.1	20.3	1.3	24.4	6.7	0.2

37 (51) X to play 6-1

BR: 13/7, 8/7
JF: 13/6 (X: -0.021)

J-R6/7 J-2ply
8/2*, 8/7: 0.150 0.163
20/13: 0.083 0.017
13/6: 0.218 0.230*
13/7, 8/7: 0.239* 0.201

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/2*, 8/7:	53.4	37.1	15.8	0.5	38.3	8.0	0.3
20/13:	53.6	41.5	11.6	0.5	35.3	10.8	0.3
13/6:	56.0	40.3	15.2	0.5	37.9	5.9	0.2
13/7, 8/7:	56.8	40.0	16.3	0.5	36.4	6.6	0.2

38 (-) X to play 6-3

BR: 7/1, 13/10
JF: 7/1, 13/10

J-R6/7 J-2ply
23/20, 13/7: -0.193 -0.175
7/1, 13/10: -0.118* -0.126*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
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23/20, 13/7: 39.7 33.6 6.0 0.1 55.4 4.7 0.2
7/1, 13/10: 42.9 31.9 10.7 0.3 48.6 8.2 0.3

39 (-) X to play 1-1

BR: 24/21, 22/21 (X: -0.026)
JF: 6/4, 5/4, 13/12 (X: -0.016)

J-R6/7 J-2ply
6/4, 5/4, 13/12: -0.083 -0.016*
24/21, 22/21: -0.093 -0.078
6/4, 5/4, 22/21: -0.067* -0.039

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/4, 5/4, 13/12:	47.8	35.9	11.5	0.4	37.0	14.2	1.0
24/21, 22/21:	45.3	34.7	10.3	0.3	44.4	9.9	0.4
6/4, 5/4, 22/21:	48.1	36.7	11.1	0.3	37.9	13.3	0.7

40 (52) cube?

BR: double/take (X: -0.107)
JF: nodouble/take
RO: nodouble/take

J-R6/7 J-2ply
Cubeless: 0.332 0.348 0.340
Center: 0.559
X: 0.631
O: 0.226

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	65.5	59.3	6.0	0.2	30.3	4.1	0.1
J-R6/7:	65.8	58.7	6.9	0.2	30.2	3.9	0.1

41 (-) cube?

BR: double/take (X: -0.072)
JF: nodouble/take
RO: nodouble/take

J-R6/7 J-2ply
Cubeless: 0.431 0.430 0.384
Center: 0.636
X: 0.712
O: 0.282

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	65.2	46.8	17.9	0.5	28.9	5.7	0.2
J-R6/7:	64.9	46.4	17.9	0.6	29.2	5.7	0.2

42 (54) cube?

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

J-R6/7 J-2ply
Cubeless: 0.297 0.315 0.304
Center: 0.546
X: 0.633
O: 0.173

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	63.4	54.0	9.1	0.3	30.0	6.4	0.2
J-R6/7:	64.6	55.4	8.9	0.3	28.4	6.8	0.2

43 (55) cube?

BR: double/take (X: -0.034)
JF: double/take (X: -0.034)
RO: nodouble/take

J-R6/7 J-2ply
Cubeless: 0.445 0.448 0.436
Center: 0.706
X: 0.762
O: 0.336

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.2	47.8	18.4	1.0	22.9	9.5	0.4
J-R6/7:	67.6	48.3	18.3	1.0	22.2	9.8	0.4

44 (56) cube?

58 (74) X to play 6-1

BR: 11/4
JF: 11/4

J-R6/7 J-2ply
11/4: 0.672* 0.663*
20/13: 0.644 0.654

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
11/4:	74.2	51.4	21.7	1.1	20.7	5.0	0.1
20/13:	75.2	57.0	17.4	0.8	19.9	4.8	0.1

59 (-) X to play 4-2

BR: 12/8, 18/16
JF: 12/8, 18/16

J-R6/7 J-2ply
6/2*, 4/2: 0.514 0.458
12/8, 4/2*: 0.619 0.602
12/8, 6/4: 0.688 0.650
12/8, 18/16: 0.739* 0.695*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/2*, 4/2:	71.4	56.3	14.4	0.7	21.5	6.8	0.3
12/8, 4/2*:	75.0	57.2	17.0	0.8	18.4	6.4	0.2
12/8, 6/4:	77.2	59.1	17.2	0.9	18.2	4.5	0.1
12/8, 18/16:	78.8	58.9	18.9	1.0	16.6	4.5	0.1

60 (-) X to play 4-2

BR: 6/2*, 4/2
JF: 6/2*, 4/2

J-R6/7 J-2ply
6/2*, 4/2: 0.795* 0.727*
12/8, 4/2*: 0.787 0.707
12/8, 6/4: 0.745 0.692
12/8, 18/16: 0.731 0.693

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/2*, 4/2:	77.5	48.7	26.8	2.0	16.5	5.7	0.3
12/8, 4/2*:	78.8	53.1	24.2	1.5	15.2	5.8	0.2
12/8, 6/4:	79.8	61.8	17.2	0.8	16.4	3.7	0.1
12/8, 18/16:	78.6	58.0	19.5	1.1	15.9	5.3	0.2

61 (77) X to play 6-4

BR: 20/16, 20/14
JF: 16/6 (X: -0.039)

J-R6/7 J-2ply
20/16, 20/14: 0.292* 0.191
16/6: 0.253 0.222*
16/10, 6/2: 0.153 0.025
16/10, 5/1: 0.086 0.062

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
20/16, 20/14:	60.9	46.1	14.1	0.7	31.3	7.5	0.3
16/6:	59.0	44.2	14.2	0.6	33.2	7.5	0.3
16/10, 6/2:	54.3	38.4	15.2	0.7	36.2	9.0	0.5
16/10, 5/1:	52.2	38.6	13.1	0.5	38.3	9.1	0.4

62 (-) cube?

BR: double/pass (O: -0.176)
JF: double/take
RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.528 0.543 0.521
Center: 0.755
X: 0.802
O: 0.412

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	68.9	45.5	22.2	1.2	21.8	9.0	0.3
J-R6/7:	70.1	46.9	21.7	1.5	19.8	9.6	0.5

63 (-) cube?

BR: double/pass (X: -0.034, O: -0.268)
JF: double/take (X: -0.034)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.500 0.515 0.498
Center: 0.766
X: 0.816
O: 0.366

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	65.1	37.8	25.4	1.9	26.0	8.4	0.5
J-R6/7:	65.6	37.7	26.3	1.6	25.7	8.3	0.4

64 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.765 0.786 0.832
Center: 0.922
X: 0.941
O: 0.721

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	83.3	72.3	11.0	0.0	15.5	1.2	0.0
J-R6/7:	83.7	71.5	12.0	0.2	15.1	1.2	0.0

Statistics (Middle Game):

Checkerplays: 15, Games played: 373248
Cubes: 23, Games played: 178848
Overall: 38, Games played: 552096

Bill Robertie:
Diff Checkerplays: 5, Sum: -0.153, Avg: -0.0102, Max: -0.062 (29)
Diff Cubes: 14, Sum: -1.917, Avg: -0.0833, Max: -0.358 (48)
Overall Diff: 19, Sum: -2.070, Avg: -0.0545

Jellyfish 2ply:
Diff Checkerplays: 4, Sum: -0.086, Avg: -0.0057, Max: -0.039 (61)
Diff Cubes: 7, Sum: -0.367, Avg: -0.0160, Max: -0.079 (44)
Overall Diff: 11, Sum: -0.453, Avg: -0.0119

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:
All Checkerplays: 48, Avg Diff: 0.0344
All Cubes (trunc): 22, Avg Diff: 0.0296
All Cubes (Full): 23, Avg Diff: 0.0420
Overall Diff: 93, Avg Diff: 0.0351

Average Standard Deviation of Rollouts:
Checkerplays: 0.0056, Cubes (T): 0.0055; Cubes (F): 0.0146, All: 0.0107

3 The 5-Point

65 (36) X to play 4-1

BR: 13/9, 6/5
JF: 13/9, 6/5

J-R6/7 J-2ply
13/9, 6/5: -0.072* -0.082*
24/23, 24/20: -0.128 -0.147
13/9, 24/23: -0.193 -0.156
13/8: -0.130 -0.091

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/9, 6/5:	48.2	34.6	13.1	0.5	34.9	16.0	0.9
24/23, 24/20:	46.4	35.0	10.9	0.5	36.8	16.2	0.6
13/9, 24/23:	44.4	32.5	11.4	0.5	35.9	18.9	0.8
13/8:	45.1	32.1	12.5	0.5	38.8	15.4	0.7

66 (37) X to play 4-1

BR: 13/9, 6/5 (X: -0.149)
JF: 13/8

J-R6/7 J-2ply
13/9, 6/5: 0.013 0.015
20/15: 0.020 0.007
13/8: 0.162* 0.184*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/9, 6/5:	50.0	37.8	11.7	0.5	39.0	10.5	0.5
20/15:	51.1	37.5	12.8	0.8	34.9	13.4	0.6
13/8:	55.1	40.4	14.1	0.6	35.9	8.7	0.3

67 (-) X to play 5-4

BR: 24/20, 10/5
JF: 24/20, 10/5

J-R6/7 J-2ply
24/15: -0.044 -0.026
24/20, 10/5: 0.033* 0.059*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/15:	48.9	38.7	9.9	0.3	38.7	11.9	0.5
24/20, 10/5:	51.6	40.2	11.0	0.4	37.2	10.8	0.4

68 (63) X to play 6-1

BR: 11/5, 6/5
JF: 11/5, 6/5

J-R6/7 J-2ply
14/8, 3/2: -0.152 -0.177
11/5, 6/5: -0.124* -0.114*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
14/8, 3/2:	45.2	33.6	11.1	0.5	37.6	16.6	0.6
11/5, 6/5:	46.2	30.2	15.0	1.0	33.2	19.5	1.1

69 (-) X to play 5-1

BR: 10/5, 6/5
JF: 10/5, 6/5

J-R6/7 J-2ply
10/5, 6/5: 0.222* 0.187*
13/8, 24/23: 0.127 0.128

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
10/5, 6/5:	57.1	36.6	19.2	1.3	29.7	12.6	0.6
13/8, 24/23:	54.5	37.9	15.6	1.0	32.1	12.9	0.5

70 (64) X to play 4-4

BR: 13/5(2) (X: -0.018)

Jellyfish on Robertie

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JF: 24/16(2)

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
24/16(2):	-0.138*	-0.141*
24/16, 13/9(2):	-0.140	-0.155
13/5(2):	-0.156	-0.208
24/16(2):	45.2	34.2 10.0 0.7 40.5 13.7 0.6
24/16, 13/9(2):	45.6	34.4 10.8 0.4 38.5 15.0 0.9
13/5(2):	45.1	32.6 12.0 0.5 37.3 16.3 1.3

71 (-) X to play 6-2

BR: 13/5* (X: -0.030)
JF: 8/2, 8/6

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/5*: -0.077	-0.066	
23/15: -0.106	-0.125	
22/14: -0.104	-0.116	
8/2, 8/6: -0.047*	-0.065*	
13/5*: 47.2	34.7 11.9 0.6 39.2 13.9 0.7	
23/15: 46.4	35.4 10.5 0.5 39.4 13.6 0.6	
22/14: 46.4	35.0 10.9 0.5 39.2 13.8 0.6	
8/2, 8/6: 47.7	34.2 12.9 0.6 38.6 13.1 0.6	

72 (-) X to play 4-3

BR: b/22, 9/5*
JF: b/22, 9/5*

	J-R6/7 J-2ply	
b/22, 24/20:	-0.218	-0.190
b/21, 24/21:	-0.346	-0.329
b/21, 13/10*:	-0.292	-0.287
b/22, 9/5*: -0.206*	-0.186*	
b/21, 8/5*: -0.341	-0.304	

	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
b/22, 24/20:	39.7	29.7 9.7 0.3 49.4 10.4 0.5
b/21, 24/21:	36.1	27.4 8.4 0.3 48.9 14.3 0.7
b/21, 13/10*:	40.7	28.9 11.3 0.5 38.3 19.1 1.9
b/22, 9/5*: 41.9	29.3 12.2 0.4 41.5 15.7 0.9	
b/21, 8/5*: 39.3	27.9 11.0 0.4 38.2 20.5 2.0	

73 (-) X to play 1-1

BR: b/24, 8/7*, 6/5(2)
JF: b/24, 8/7*, 6/5(2)

	J-R6/7 J-2ply	
b/24, 8/7*, 6/4*: -0.180	-0.187	
b/24, 8/7*, 6/5(2): -0.126*	-0.106*	
b/24, 8/7*(2), 11/10: -0.165	-0.163	

	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
b/24, 8/7*, 6/4*: 44.5	30.1 13.6 0.8 34.8 19.1 1.6	
b/24, 8/7*, 6/5(2): 46.2	32.0 13.4 0.8 35.1 17.4 1.3	
b/24, 8/7*(2), 11/10: 44.8	33.5 10.7 0.6 38.0 16.3 0.9	

74 (34) X to play 3-2

BR: 7/4, 6/4
JF: 8/5, 7/5 (X: -0.007)

	J-R6/7 J-2ply	
7/4, 6/4: 0.061*	0.070	
8/5, 7/5: 0.054	0.081*	

	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
7/4, 6/4: 52.2	36.0 15.4 0.8 33.2 13.9 0.7	
8/5, 7/5: 51.8	35.3 15.7 0.8 33.5 14.0 0.7	

75 (-) X to play 4-1

BR: 8/4, 5/4
JF: 6/5, 6/2 (X: -0.016)

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
6/5, 6/2: -0.429	-0.403*	
8/4, 5/4: -0.413*	-0.416	

76 (-) X to play 3-1

BR: 13/9 (X: -0.080)
JF: 8/5, 6/5

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
8/5, 6/5: -0.185*	-0.224*	
13/9: -0.266	-0.256	
11/8, 9/8: -0.366	-0.371	

77 (-) X to play 6-2

BR: 10/4*, 6/4
JF: 10/4*, 6/4

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
10/4*, 6/4: 0.824*	0.851*	
10/4*, 7/5: 0.758	0.741	
13/5: 0.643	0.658	

78 (-) X to play 4-4

BR: 5/1*(2), 6/2(2)
JF: 5/1*(2), 6/2(2)

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
5/1*(2), 6/2(2): 0.513*	0.499*	
9/1*, 6/2(2): 0.384	0.384	
10/6, 9/5, 6/2(2): 0.324	0.277	

Statistics (The 5-Point):

Checkerplays: 14, Games played: 318816
Cubes: 0, Games played: 0

Overall: 14, Games played: 318816

Bill Robertie:
Diff Checkerplays: 4, Sum: -0.277, Avg: -0.0198, Max: -0.149 (66)

Diff Cubes: 0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)

Overall Diff: 4, Sum: -0.277, Avg: -0.0198

Jellyfish 2ply:
Diff Checkerplays: 2, Sum: -0.023, Avg: -0.0016, Max: -0.016 (75)

Diff Cubes: 0, Sum: 0.000, Avg: 0.0000, Max: 0.000 (-)

Overall Diff: 2, Sum: -0.023, Avg: -0.0016

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 41, Avg Diff: 0.0386

All Cubes (Trunc): 0, Avg Diff: 0.0000

All Cubes (Full): 0, Avg Diff: 0.0000

Overall Diff: 41, Avg Diff: 0.0186

Average Standard Deviation of Rollouts:

Checkerplays: 0.0050, Cubes (T): 0.0000, Cubes (F): 0.0000, All: 0.0050

4 Hit or Not?

79 (-) X to play 2-2

BR: b/23, 8/4, 6/4
JF: b/23, 8/4, 6/4

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
b/23, 9/7*(2), 13/11: 40.0	32.1 7.6 0.3 43.3 15.8 0.9	
b/23, 9/7*(2), 8/6: -0.142	-0.158	
b/23, 9/7*(2), 6/4: -0.175	-0.199	
b/23, 20/16*, 9/7*: -0.228	-0.191	
b/23, 8/4, 6/4: -0.096*	-0.066*	

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs

b/23, 9/7*(2), 13/11: 40.0 32.1 7.6 0.3 43.3 15.8 0.9

b/23, 9/7*(2), 8/6: 44.9 36.6 8.0 0.3 43.1 11.5 0.5

b/23, 9/7*(2), 6/4: 44.0 35.6 8.1 0.3 42.3 13.1 0.6

b/23, 20/16*, 9/7*: 43.7 33.3 9.9 0.5 36.6 18.3 1.4

b/23, 8/4, 6/4: 46.2 37.7 8.2 0.3 43.5 9.8 0.5

80 (-) X to play 3-1

BR: 6/5, 8/5 (X: -0.074)
JF: 23/20*, 14/13

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
23/20*, 14/13: 66.6	50.8 15.0 0.8 19.3 13.5 0.6	
12/9, 10/9: 63.8	54.6 8.9 0.3 23.9 12.0 0.3	
6/5, 8/5: 66.3	55.4 10.5 0.4 18.4 14.6 0.7	

81 (-) X to play 5-1

BR: 22/17*, 17/16
JF: 22/17*, 17/16

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
10/5, 6/5: 0.029	0.015	
22/17*, 17/16: 0.124*	0.115*	

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs

10/5, 6/5: 49.8 35.9 13.3 0.6 39.3 10.5 0.4

22/17*, 17/16: 54.7 40.4 13.5 0.8 33.5 11.4 0.4

82 (-) X to play 6-1

BR: b/19, 13/12 (X: -0.006)
JF: b/19, 5/4*

	J-R6/7 J-2ply	
	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
b/19, 5/4*: -0.496*	-0.488*	
b/18: -0.514	-0.511	
b/19, 13/12: -0.502		

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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:	59.6 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

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RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.554 0.584 0.596
Center: 0.733
X: 0.811
O: 0.405

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 63.7 27.1 34.9 1.7 26.4 9.5 0.4
J-R6/7: 64.6 26.8 35.9 1.9 25.5 9.3 0.6

92 (-) cube?

BR: double/take (X: -0.064)
JF: nodouble/take
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.381 0.373 0.336
Center: 0.450
X: 0.578
O: 0.193

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 57.9 23.8 33.3 0.8 30.0 11.5 0.6
J-R6/7: 57.5 24.0 32.3 1.2 30.7 11.1 0.7

93 (120) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.522 0.514 0.535
Center: 0.685
X: 0.766
O: 0.365

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 63.3 30.5 32.3 0.5 29.3 7.0 0.4
J-R6/7: 62.9 29.9 31.8 1.2 28.9 7.8 0.4

94 (121) cube?

BR: double/pass (O: -0.064)
JF: double/pass (O: -0.064)
RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.616 0.623 0.630
Center: 0.833
X: 0.883
O: 0.468

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 66.3 29.7 36.0 0.6 25.9 7.4 0.4
J-R6/7: 65.7 28.0 36.1 1.6 26.4 7.5 0.4

95 (122) cube?

BR: double/take (X: -0.119)
JF: nodouble/take
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.372 0.390 0.399
Center: 0.527
X: 0.635
O: 0.204

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 59.4 31.1 27.8 0.5 30.8 9.3 0.5
J-R6/7: 59.3 29.8 28.3 1.2 31.0 9.2 0.5

96 (124) cube?

BR: double/take (X: -0.012)
JF: nodouble/take
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.475 0.454 0.411
Center: 0.645
X: 0.714
O: 0.351

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 66.1 39.0 25.2 1.9 21.0 12.1 0.8

J-R6/7: 65.1 37.5 25.6 2.0 21.4 12.7 0.8

97 (110) X to play 6-2

BR: 8/2*, 4/2
JF: 10/2* (X: -0.054)

J-R6 J-R6/7 J-2ply
8/2*, 4/2: 1.089* 1.044
8/2*, 11/9: 1.065 1.081
10/2*: 1.045 1.085*
16/10, 11/9: 0.940 0.927

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 77.2 16.6 58.8 1.8 16.4 5.9 0.5
J-R6/7: 76.7 18.9 56.0 1.8 17.2 5.7 0.4
10/2*: 76.7 21.3 53.7 1.7 17.6 5.4 0.3
16/10, 11/9: 78.4 39.2 38.0 1.2 18.6 2.9 0.1

98 (-) X to play 4-4

BR: 21/17*, 13/5, 13/9
JF: 21/17*, 13/5, 17/13 (X: -0.019)

J-R6 J-R6/7 J-2ply
21/17*, 13/5, 13/9: 1.252* 1.227
21/17*, 13/5, 17/13: 1.233 1.241*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
21/17*, 13/5, 13/9: 83.1 22.9 56.9 3.3 12.5 4.2 0.2
21/17*, 13/5, 17/13: 82.6 23.4 55.9 3.3 13.1 4.1 0.2

99 (-) cube?

BR: double/take (O: -0.268)
JF: double/pass
RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.759 0.752 0.720
Center: 0.909
X: 0.960
O: 0.634

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 69.0 25.7 42.5 0.8 25.0 5.7 0.3
J-R6/7: 69.1 26.9 40.9 1.3 24.6 6.0 0.3

100 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.612 0.618 0.625
Center: 0.833
X: 0.871
O: 0.512

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 71.2 47.3 23.4 0.5 23.3 5.3 0.2
J-R6/7: 71.5 47.3 23.7 0.5 22.8 5.5 0.2

101 (127) cube?

BR: double/take (O: -0.100)
JF: double/pass
RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.675 0.675 0.669
Center: 0.734
X: 0.813
O: 0.550

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 64.0 19.5 38.9 5.6 26.0 9.4 0.6
J-R6/7: 63.8 17.6 41.5 4.7 25.9 9.7 0.6

102 (128) cube?

BR: double/take (O: -0.028)
JF: double/pass

RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.624 0.661 0.665
Center: 0.812
X: 0.859
O: 0.514

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 69.9 38.4 29.4 2.1 19.8 9.5 0.8
J-R6/7: 71.0 37.6 31.0 2.4 18.0 10.3 0.7

103 (129) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.388 0.431 0.444
Center: 0.601
X: 0.664
O: 0.239

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 55.7 15.8 39.6 0.3 32.2 11.3 0.8
J-R6/7: 56.3 15.4 39.7 1.2 32.8 10.2 0.7

104 (130) cube?

BR: gammon/pass
JF: double/pass (X: -0.041)
RO: gammon/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.845 0.875 0.901
Center: 0.980
X: 1.041
O: 0.703

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 69.7 17.7 51.3 0.7 23.3 6.5 0.5
J-R6/7: 69.9 17.1 50.8 2.0 23.3 6.4 0.4

105 (-) X to play 4-4

BR: b/21*(2), 21/17*, 5/1
JF: b/21(2)*, 21/17*, 6/2 (X: -0.011)

J-R6 J-R6/7 J-2ply
b/21*(2), 6/2, 5/1: 0.157 0.055
b/21*(2), 21/17*, 5/1: 0.311* 0.397
b/21(2)*, 21/17*, 6/2: 0.300 0.410*
b/21(2)*, 21/17*(2): -0.011 0.129

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
b/21*(2), 6/2, 5/1: 54.6 43.0 11.2 0.4 40.0 5.3 0.1
b/21(2), 21/17*, 5/1: 61.4 39.2 21.4 0.8 24.6 13.2 0.8
b/21(2)*, 21/17*, 6/2: 60.6 38.0 21.8 0.8 25.4 13.2 0.8
b/21(2)*, 21/17*(2): 51.1 30.9 19.4 0.8 25.6 22.1 1.2

106 (109) X to play 6-3

BR: 9/3, 4/1*
JF: 14/8, 4/1* (X: -0.020)

J-R6 J-R6/7 J-2ply
9/3, 4/1*: 1.251* 1.207
14/8, 4/1*: 1.231 1.245*
11/5, 4/1*: 1.205 1.207
9/6, 11/5: 1.076 1.077

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
9/3, 4/1*: 87.9 37.6 49.7 0.6 10.6 1.5 0.1
14/8, 4/1*: 87.2 37.4 49.0 0.6 11.3 3.5 0.0
11/5, 4/1*: 86.7 38.7 47.4 0.6 11.8 1.5 0.0
9/6, 11/5: 91.9 67.8 23.8 0.3 7.5 0.6 0.0

107 (111) X to play 3-2

BR: 11/8, 6/4 (X: -0.146)
JF: 24/21, 13/11 (X: -0.026)

J-R6 J-R6/7 J-2ply
24/21, 11/9: 1.105* 1.170
24/21, 13/11: 1.079 1.178*

Jellyfish on Robertie

10 of 3

13/11, 13/10: 1.092 1.161
 13/10, 11/9: 1.047 1.076
 11/8, 6/4: 0.959 0.961

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/21, 11/9:	77.2	19.2	56.5	1.5	19.6	3.1	0.1
24/21, 13/11:	76.8	20.5	55.0	1.3	20.0	3.1	0.1
13/11, 13/10:	76.1	17.4	57.2	1.5	20.7	3.1	0.1
13/10, 11/9:	73.8	13.8	58.3	1.1	21.6	4.4	0.2
11/8, 6/4:	72.0	16.1	54.5	1.4	22.7	5.1	0.2

108 (112) X to play 6-1

BR: 7/1*, 6/5 (X: -0.003)
 JF: 7/1*, 6/5 (X: -0.003)

	J-R6/7	J-2ply
7/1*, 6/5:	1.326	1.220*
7/1*, 4/3:	1.329*	1.203
24/18, 6/5:	1.186	1.179
7/1*, 24/23:	1.116	1.171

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/1*, 6/5:	83.4	16.1	64.3	2.5	13.3	3.3	0.1
7/1*, 4/3:	83.6	16.9	64.2	2.5	13.1	3.2	0.1
24/18, 6/5:	80.6	21.6	56.8	2.2	15.7	3.5	0.2
7/1*, 24/23:	77.5	18.2	57.0	2.3	17.6	4.7	0.2

109 (-) X to play 3-2

BR: 13/10, 5/3
 JF: 13/10, 23/21 (X: -0.048)

	J-R6/7	J-2ply
--	--------	--------

	13/11, 6/3:	1.408	1.342
13/10, 5/3:	1.441*	1.383	
13/10, 13/11:	1.399	1.401	
13/10, 23/21:	1.393	1.439*	

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/11, 6/3:	85.4	14.9	66.8	3.7	10.6	3.8	0.2
13/10, 5/3:	85.8	13.3	68.1	4.4	10.1	3.9	0.2
13/10, 13/11:	85.3	15.6	65.6	4.1	10.5	3.9	0.3
13/10, 23/21:	85.2	16.0	65.2	4.0	10.7	3.9	0.2

110 (132) cube?

BR: double/take
 JF: nodouble/take (X: -0.126)
 RO: double/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	Cubeless:	0.452	0.438	0.403
Center:	0.482			
X:	0.570			
O:	0.348			

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	J-R6:	68.3	53.1	15.0	0.2	25.3	6.0	0.4
--	-------	------	------	------	-----	------	-----	-----

	J-R6/7:	67.4	51.7	15.4	0.3	25.9	6.4	0.3
--	---------	------	------	------	-----	------	-----	-----

111 (133) cube?

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

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	Cubeless:	0.413	0.712	0.645
Center:	0.711			
X:	0.821			
O:	0.572			

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	J-R6:	67.7	25.5	41.3	0.9	25.4	6.6	0.3
--	-------	------	------	------	-----	------	-----	-----

	J-R6/7:	67.8	26.1	40.0	1.7	24.8	7.0	0.4
--	---------	------	------	------	-----	------	-----	-----

112 (-) cube?

BR: double/pass (O: -0.078)
 JF: double/take
 RO: double/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	Cubeless:	0.612	0.612	0.569
--	-----------	-------	-------	-------

	Center:	0.639		
--	---------	-------	--	--

	X:	0.765		
--	----	-------	--	--

	O:	0.467		
--	----	-------	--	--

	Cubeless:	0.624	0.604	0.603
Center:	0.779			
X:	0.844			
O:	0.461			

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	J-R6:	65.3	28.0	36.9	0.4	29.2	5.1	0.4
--	-------	------	------	------	-----	------	-----	-----

	J-R6/7:	65.3	30.1	34.5	0.7	28.8	5.7	0.2
--	---------	------	------	------	-----	------	-----	-----

113 (135) cube?

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

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	Cubeless:	0.855	0.840	0.856
--	-----------	-------	-------	-------

	Center:	0.976		
--	---------	-------	--	--

	X:	1.031		
--	----	-------	--	--

	O:	0.740		
--	----	-------	--	--

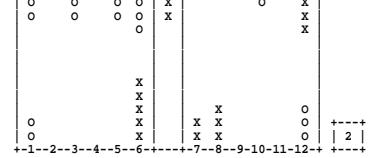
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	J-R6:	71.3	22.8	47.7	0.8	22.7	5.6	0.4
--	-------	------	------	------	-----	------	-----	-----

	J-R6/7:	70.3	21.8	46.9	1.6	23.3	6.0	0.4
--	---------	------	------	------	-----	------	-----	-----

114 (-) X to play 2-2

+24-23-22-21-20-19-+---+18-17-16-15-14-13-+



BR: b/23(2), 6/4(2)
 JF: b/23(2), 6/4(2)

	J-R6/7	J-2ply
--	--------	--------

	b/23(2), 6/4(2):	0.159*	0.120*
--	------------------	--------	--------

	b/23(21(2)):	-0.008	0.001
--	--------------	--------	-------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	b/23(2), 6/4(2):	56.4	40.2	15.3	0.9	30.0	13.0	0.6
--	------------------	------	------	------	-----	------	------	-----

	b/23(21(2)):	49.6	38.0	11.1	0.5	38.6	11.4	0.4
--	--------------	------	------	------	-----	------	------	-----

115 (75) X to play 4-1

BR: b/21, 6/5*

JF: b/21, 6/5*

	J-R6/7	J-2ply
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	b/21, 6/5*:	-0.612*	-0.569*
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	b/21, 4/3:	-0.661	-0.664
--	------------	--------	--------

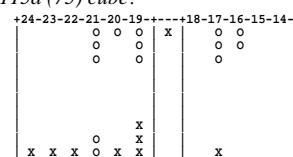
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	b/21, 6/5*:	33.3	29.3	3.9	0.1	35.8	30.0	0.9
--	-------------	------	------	-----	-----	------	------	-----

	b/21, 4/3:	24.7	22.2	2.4	0.1	57.6	17.3	0.4
--	------------	------	------	-----	-----	------	------	-----

115a (75) cube?

+24-23-22-21-20-19-+---+18-17-16-15-14-13-+



BR: double/take

JF: double/take

RO: double/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	Cubeless:	0.620	0.612	0.569
--	-----------	-------	-------	-------

	Center:	0.639		
--	---------	-------	--	--

	X:	0.765		
--	----	-------	--	--

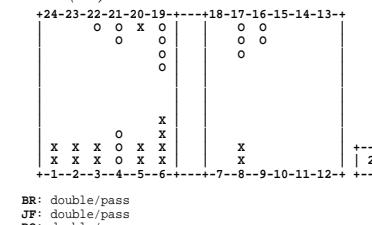
	O:	0.467		
--	----	-------	--	--

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	J-R6:	67.1	36.2	30.6	0.3	29.5	3.3	0.1
--	-------	------	------	------	-----	------	-----	-----

	J-R6/7:	66.7	35.8	30.0	0.9	29.3	3.9	0.1
--	---------	------	------	------	-----	------	-----	-----

115b (75) cube?



	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	J-R6:	74.8	58.0	16.6	0.2	22.9	2.3	0.0
--	-------	------	------	------	-----	------	-----	-----

	J-R6/7:	75.3	57.6	17.3	0.4	22.2	2.4	0.1
--	---------	------	------	------	-----	------	-----	-----

116 (-) X to play 6-1

BR: 24/18, 11/10
 JF: 24/18, 11/10

	J-R6/7	J-2ply
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	24/18, 11/10:	-1.137*	-1.066*
--	---------------	---------	---------

	11/4:	-1.153	-1.217
--	-------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
--	--------	--------	--------	-------	--------	--------	-------

	24/18, 11/10:	2.0	1.9	0.1	0.0	80.1	17.5	0.0
--	---------------	-----	-----	-----	-----	------	------	-----

	11/4:	14.1	12.2	1.8	0.1	40.8	44.6	0.5
--	-------	------	------	-----	-----	------	------	-----

Statistics (Attacking Play):

Checkerplays: 10, Games played: 256608

Cubes: 23, Games played: 178848

Overall: 33, Games played: 435456

Bill Robertie:

Diff Checkerplays: 2, Sum: -0.149, Avg: -0.0149, Max: -0.146 (107)

Diff Cubes: 12, Sum: -0.961, Avg: -0.0418, Max: -0.268 (99)

Overall Diff: 14, Sum: -1.110, Avg: -0.0336

Jellyfish 2ply:

Diff Checkerplays: 7, Sum: -0.181, Avg: -0.0181, Max: -0.054 (97)

Diff Cubes: 7, Sum: -0.562, Avg: -0.0244, Max: -0.126 (110)

Overall Diff: 14, Sum: -0.743, Avg: -0.0225

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 33, Avg Diff: 0.0489

All Cubes (Trunc): 23, Avg Diff: 0.0242

All Cubes (Full): 23, Avg Diff: 0.0364

Overall Diff: 79, Avg Diff: 0.0381

Average Standard Deviation of Rollouts:

Checkerplays: 0.0085, Cubes (T): 0.0077, Cubes (F): 0.0165, All: 0.0134

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: 0.828

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: double/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): 10, 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

7 Crunch Positions

128 (143) cube?

```

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

J-R6   J-R6/7   J-2ply
Cubeless: 0.085  0.110 -0.117
Center:   0.193
X:       0.262
O:       0.007

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   51.1   40.5   10.2   0.4   44.3   4.6   0.0
J-R6/7: 52.0   41.0   10.7   0.3   43.7   4.3   0.0

```

129 (144) cube?

```

BR: nodouble/take
JF: double/take (X: -0.342)
RO: nodouble/take

J-R6   J-R6/7   J-2ply
Cubeless: 0.378  0.416  0.510
Center:   0.735
X:       0.790
O:       0.224

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   64.1   46.3   17.0   0.8   27.2   8.5   0.2
J-R6/7: 65.4   46.9   17.6   0.9   26.1   8.2   0.3

```

130 (-) X to play 5-4

```

BR: 20/15, 7/3
JF: 20/15, 20/16 (X: -0.017)

```

```

J-R6/7   J-2ply
20/15, 20/16: -0.768 -0.720*
20/15, 15/11: -0.824 -0.796
20/15, 7/3:    -0.751* -0.765

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
20/15, 20/16: 28.2   18.1   9.5   0.6   32.3   35.3   4.2
20/15, 15/11: 25.3   16.8   8.0   0.5   37.0   33.4   4.3
20/15, 7/3:   26.8   14.6   11.2  1.0   36.2   32.2   4.8

```

131 (-) X to play 5-1

```

BR: 14/8 (X: -0.020)
JF: 14/9, 2/1

```

```

J-R6/7   J-2ply
22/15:   1.381  1.293
14/8:    1.378  1.279
14/9, 3/2: 1.383  1.314
14/9, 2/1: 1.398* 1.358*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
22/16:   92.2   41.1   47.6   3.5   6.8   1.0   0.0
14/8:    92.3   41.6   47.4   3.3   6.9   0.8   0.0
14/9, 3/2: 92.2   40.9   47.9   3.4   7.0   0.8   0.0
14/9, 2/1: 92.8   41.2   48.3   3.3   6.5   0.7   0.0

```

132 (-) cube?

```

BR: double/take (X: -0.034)
JF: nodouble/take
RO: nodouble/take

```

```

J-R6   J-R6/7   J-2ply
Cubeless: 0.365  0.414  0.398
Center:   0.648
X:       0.672
O:       0.319

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   67.2   53.3   13.4   0.5   20.7   11.7   0.4
J-R6/7: 69.4   55.9   12.9   0.6   19.3   10.9   0.4

```

133 (-) cube?

```

BR: double/take
JF: nodouble/take (X: -0.152)
RO: double/take

J-R6   J-R6/7   J-2ply
Cubeless: 0.520  0.484  0.270
Center:   0.587
X:       0.736
O:       0.444

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   71.0   54.2   16.1   0.7   21.7   7.2   0.1
J-R6/7: 69.6   53.0   15.9   0.7   22.4   7.9   0.1

```

134 (-) cube?

```

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

J-R6   J-R6/7   J-2ply
Cubeless: 0.449  0.502  0.568
Center:   0.757
X:       0.776
O:       0.401

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   68.5   51.3   16.4   0.8   21.8   9.5   0.2
J-R6/7: 70.8   53.5   16.5   0.8   20.0   8.9   0.3

```

135 (163) cube?

```

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

J-R6   J-R6/7   J-2ply
Cubeless: 0.200  0.196  0.149
Center:   0.303
X:       0.367
O:       0.129

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   62.3   52.2   9.9   0.2   23.0   14.5   0.2
J-R6/7: 62.2   50.8   11.1  0.3   21.8   15.5   0.5

```

Statistics (Crunch Positions):

```

Checkerplays: 2, Games played: 54432
Cubes:        6, Games played: 46656
Overall:       8, Games played: 101088

```

Bill Robertie:
Diff Checkerplays: 1, Sum: -0.020, Avg: -0.0100, Max: -0.020 (131)
Diff Cubes: 1, Sum: -0.034, Avg: -0.0057, Max: -0.034 (132)
Overall Diff: 2, Sum: -0.054, Avg: -0.0068

Jellyfish 2ply:
Diff Checkerplays: 1, Sum: -0.017, Avg: -0.0085, Max: -0.017 (130)
Diff Cubes: 2, Sum: -0.494, Avg: -0.0823, Max: -0.342 (129)
Overall Diff: 3, Sum: -0.511, Avg: -0.0639

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:
All Checkerplays: 7, Avg Diff: 0.0551
All Cubes (trunc): 5, Avg Diff: 0.0874
All Cubes (Full): 6, Avg Diff: 0.1312
Overall Diff: 18, Avg Diff: 0.0894

Average Standard Deviation of Rollouts:
Checkerplays: 0.0056, Cubes (T): 0.0082; Cubes (F): 0.0157, All: 0.0127

8 Prime vs. Prime

136 (76) X to play 6-6

```

BR: 13/1*(2)
JF: 13/1*(2)

J-R6/7   J-2ply
13/1*(2): 0.544* 0.627*
13/7(2), 17/11, 9/3: 0.073  0.110
13/7(2), 17/5: 0.115  0.176

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/1*(2): 58.8   17.1   40.3   1.4   35.2   5.7   0.3
13/7(2), 17/11, 9/3: 46.7   24.6   21.3   0.8   44.7   8.2   0.4
13/7(2), 17/5: 48.0   24.6   22.5   0.9   43.6   8.0   0.4

```

137 (147) X to play 3-1

```

BR: 23/22*, 11/8
JF: 23/22*, 11/8

J-R6/7   J-2ply
23/22*, 11/8: 0.856* 0.806*
11/10, 11/8: 0.768  0.639

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
23/22*, 11/8: 79.8   53.1   25.3   1.4   18.2   2.0   0.0
11/10, 11/8: 80.1   62.0   17.3   0.8   17.6   2.2   0.1

```

138 (-) cube?

```

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

J-R6   J-R6/7   J-2ply
Cubeless: 0.551  0.542  0.508
Center:   0.719
X:       0.788
O:       0.419

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6:   68.6   45.4   21.8   1.4   24.8   6.4   0.2
J-R6/7: 68.7   45.8   21.7   1.2   24.3   6.7   0.3

```

139 (148) X to play 2-1

```

+24+3-22-21-20-19-++-+18-17-16-15-14-13+-++++
|   X   O   O   O   |   X   O   O   |   X   | 2 |
|   O   O   O   O   |   O   O   O   |   O   | +---+
|                   |                   |                   |
|   X   X   X   X   X   |   X   |   X   |
|   O   O   X   X   X   X   |   X   |   X   |
|   O   X   O   X   X   X   |   X   |   O   |
+1-2+2-3-4-5-6-+---+7-8-9-10-11-12-+

```

BR: b/23, 3/2*
JF: b/24, 13/11* (X: -0.030)

J-R6/7 J-2ply
b/23, 3/2*: -0.334* -0.283
b/24, 13/11*: -0.364 -0.260*
b/23, 24/23: -0.431 -0.446

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
b/23, 3/2*: 36.4 16.9 18.4 1.5 27.2 23.6 2.4
b/24, 13/11*: 33.2 16.3 15.7 1.4 47.0 18.6 1.2
b/23, 24/23: 33.0 22.7 9.8 0.5 48.0 18.0 1.0

140 (-) X to play 6-1

BR: 23/16
JF: 23/16

J-R6/7 J-2ply
24/17: -0.612 -0.595
17/11, 24/23: -0.546 -0.622

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23/16: -0.456* -0.474*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
24/17:	34.8	27.4	7.1	0.3	28.3	35.3	1.6
17/11, 24/23:	34.3	28.8	5.3	0.2	38.4	25.7	1.6
23/16:	35.5	29.5	5.8	0.2	43.1	20.1	1.3

141 (149) X to play 4-1

BR: 6/1
JF: 7/3, 6/5 (X: -0.041)

	J-R6/7	J-2ply
7/3, 6/5:	0.330	0.293*
7/2:	0.311	0.275
6/1:	0.371*	0.240

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/3, 6/5:	60.5	44.8	15.6	0.1	35.7	3.7	0.1
7/2:	59.9	43.6	16.2	0.1	35.2	4.7	0.2
6/1:	62.2	45.6	16.5	0.1	34.0	3.7	0.1

142 (-) X to play 4-1

BR: 6/2, 8/7 (X: -0.190)
JF: 6/5, 8/4

	J-R6/7	J-2ply
6/2, 24/23:	-0.074	0.051
6/2, 8/7:	-0.041	-0.065
6/1:	-0.036	-0.027
6/5, 8/4:	0.149*	0.076*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/2, 24/23:	39.3	17.6	21.1	0.6	52.6	7.9	0.2
6/2, 8/7:	40.2	17.2	22.3	0.7	52.0	7.6	0.2
6/1:	40.4	17.4	22.3	0.7	51.8	7.6	0.2
6/5, 8/4:	46.1	18.5	26.8	0.8	48.3	5.5	0.1

143 (-) cube?

BR: double/take (X: -0.143)
JF: nodouble/take
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.432	0.461	0.464
Center:	0.677		
X:	0.747		
O:	0.267		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	61.4	32.9	27.7	0.8	30.0	8.2	0.4
J-R6/7:	62.8	35.0	27.1	0.7	29.5	7.4	0.3

144 (153) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.203	0.201	0.191
Center:	0.282		
X:	0.397		
O:	0.088		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.2	60.3	1.9	0.0	31.9	5.7	0.2
J-R6/7:	61.7	59.1	2.5	0.1	32.5	5.6	0.2

145 (154) cube?

BR: gammon/pass (X: -0.160)
JF: double/pass
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.773	0.715	0.639
Center:	0.746		
X:	0.840		
O:	0.665		

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs

	J-R6:	76.8	51.4	25.3	0.1	21.5	1.6	0.1
J-R6/7:	74.8	50.8	23.8	0.2	23.0	2.1	0.1	

146 (-) X to play 6-5

BR: 24/18, 23/18
JF: 24/18, 23/18

	J-R6/7	J-2ply
23/12:	0.886	0.723
24/13:	0.885	0.776
24/18, 23/18:	0.948*	0.811*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
23/12:	85.0	65.1	19.6	0.3	13.5	1.5	0.0
24/13:	84.9	65.1	19.5	0.3	13.7	1.4	0.0
24/18, 23/18:	88.0	67.7	20.0	0.3	10.3	1.7	0.0

147 (155) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.208	0.186	0.390
Center:	0.191		
X:	0.333		
O:	0.060		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	59.7	55.5	4.2	0.0	37.4	2.8	0.1
J-R6/7:	58.4	53.5	4.9	0.0	38.4	3.1	0.1

148 (157) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.768	0.693	0.808
Center:	0.920		
X:	0.984		
O:	0.599		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	65.5	16.9	48.2	0.4	31.3	3.1	0.1
J-R6/7:	63.5	18.7	44.1	0.7	33.3	3.1	0.1

149 (158) cube?

BR: double/take (X: -0.295)
JF: double/take (X: -0.295)
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.330	0.381	0.488
Center:	0.623		
X:	0.702		
O:	0.164		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	53.4	20.4	32.8	0.2	39.8	6.6	0.2
J-R6/7:	55.3	22.7	32.1	0.5	39.2	5.3	0.2

150 (160) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.444	0.455	0.462
Center:	0.567		
X:	0.629		
O:	0.354		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.8	60.6	9.0	0.2	25.9	4.0	0.3
J-R6/7:	69.9	60.4	9.2	0.3	26.1	3.9	0.1

151 (161) cube?

BR: nodouble/take
JF: nodouble/take

RO: nodouble/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	59.7	51.6	7.9	0.2	35.0	5.1	0.2
J-R6/7:	59.7	51.5	7.9	0.3	34.9	5.2	0.2

152 (-) cube?

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

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	59.3	42.4	16.2	0.7	29.8	10.5	0.4
J-R6/7:	58.8	41.4	16.5	0.9	29.3	11.3	0.6

153 (-) cube?

BR: double/take (X: -0.094)
JF: nodouble/take
RO: nodouble/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	66.6	59.4	7.1	0.1	24.6	8.3	0.5
J-R6/7:	66.2	58.7	7.2	0.3	24.6	8.7	0.5

154 (162) cube?

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

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	70.1	58.6	11.1	0.4	24.2	5.5	0.2
J-R6/7:	69.9	57.1	12.4	0.4	24.6	5.3	0.2

155 (164) cube?

BR: double/take
JF: nodouble/take (X: -0.019)
RO: double/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	62.0	50.0	11.6	0.4	29.7	8.0	0.3
J-R6/7:	63.0	50.6	11.9	0.5	28.8	7.8	0.4

156 (165) cube?

BR: double/take
JF: double/pass (O: -0.154)
RO: double/take

	J-R6	J-R6/7	J-2ply
--	------	--------	--------

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	70.9	56.2	14.1	0.6	23.5	5.4	0.2

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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 (P): 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/take
RO: double/take

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

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

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168 (-) X to play 3-2

BR: 7/4, 5/3 (X: -0.013)
JF: 8/6/3

J-R6/20 J-2ply
7/4, 5/3: 1.535 1.530
8/6/3: 1.548* 1.567*
8/6, 8/5: 1.534 1.554

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
7/4, 5/3: 90.8 28.6 52.5 9.7 9.2 0.0 0.0
8/6/3: 91.2 28.7 52.6 9.9 8.8 0.0 0.0
8/6, 8/5: 90.8 28.9 52.0 9.9 9.2 0.0 0.0

169 (177) X to play 24/16 (hit 0, 2, 4 checkers)

BR: hit 0 (X: -0.291)
JF: hit 4

J-R6/20 J-2ply
hit 0: 1.297 1.306
hit 2: 1.397 1.479
hit 4: 1.588* 1.726*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
hit 0: 86.9 35.9 45.5 5.5 12.4 0.7 0.0
hit 2: 84.0 23.4 49.3 11.3 15.8 0.2 0.0
hit 4: 84.6 17.0 45.5 22.1 15.3 0.1 0.0

170 (181) cube?

BR: nodouble/take
JF: double/take (X: -0.614)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.372 0.473 0.595
Center: 0.920
X: 0.934
O: 0.153

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 51.6 18.3 29.5 3.8 45.4 2.9 0.1
J-R6/7: 54.6 16.7 35.0 2.9 42.8 2.5 0.1

171 (-) cube?

BR: double/pass (X: -0.044, O: -0.090)
JF: double/pass (X: -0.044, O: -0.090)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.611 0.654 0.754
Center: 0.954
X: 0.967
O: 0.455

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 65.9 35.8 28.2 1.9 31.4 2.6 0.1
J-R6/7: 68.2 38.4 27.7 2.1 28.9 2.8 0.1

172 (182) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.045 1.030 0.954
Center: 1.173
X: 1.180
O: 0.956

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 77.5 31.1 40.6 5.8 19.9 2.4 0.2
J-R6/7: 79.0 34.0 40.6 4.4 16.8 4.0 0.2

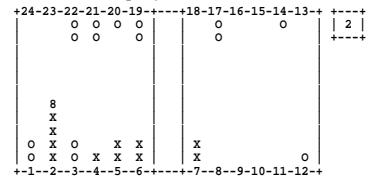
173 (183) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 1.110 1.155 1.084
Center: 1.148
X: 1.247
O: 0.978

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 72.5 18.9 41.2 12.4 27.5 0.0 0.0
J-R6/7: 74.2 18.5 44.2 11.5 25.8 0.0 0.0

174 (174) X to play 1-1



BR: 7/6(2), 5/4(2)
JF: 7/6(2), 5/4(2)

J-R6/20 J-2ply
7/6, 7/4: 0.353* 0.520*
7/6, 7/4: 0.065 0.445
6/4(2): 0.075 0.325

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
7/6(2), 5/4(2): 50.1 17.0 30.8 2.3 49.7 0.2 0.0
7/6, 7/4: 40.1 15.1 23.6 1.4 59.8 0.1 0.0
6/4(2): 43.3 15.5 26.2 1.6 48.4 8.0 0.3

175 (-) cube?

BR: nodouble/take
JF: double/take (X: -0.173)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.546 0.527 0.599
Center: 0.885
X: 0.912
O: 0.356

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 60.4 22.3 35.6 2.5 33.1 6.3 0.2
J-R6/7: 59.0 21.6 35.0 2.4 36.0 4.9 0.1

176 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.809 0.736 0.803
Center: 0.998
X: 0.999
O: 0.664

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 69.4 26.0 40.6 2.8 26.5 3.9 0.2
J-R6/7: 67.7 28.1 37.1 2.5 28.5 3.7 0.1

177a (185a) cube?

BR: double/take (X: -0.437)
JF: double/pass (X: -0.437, O: -0.466)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.458 0.508 0.643
Center: 0.971
X: 0.978
O: 0.267

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 57.5 21.0 35.7 0.8 36.3 5.9 0.3
J-R6/7: 59.4 26.1 31.9 1.4 38.0 2.6 0.0

177b (185b) cube?

BR: double/pass
JF: double/take (O: -0.026)
RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.644 0.669 0.565
Center: 0.759
X: 0.822
O: 0.513

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 69.4 42.0 26.9 0.5 28.4 2.1 0.1
J-R6/7: 71.0 44.3 26.0 0.7 26.5 2.4 0.1

177c (185c) cube?

BR: double/take (X: -0.064)
JF: nodouble/take
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.302 0.314 0.316
Center: 0.386
X: 0.461
O: 0.161

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 53.1 22.1 30.8 0.2 40.0 6.7 0.2
J-R6/7: 54.3 24.6 29.2 0.5 38.7 6.7 0.3

178 (184) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.639 0.645 0.652
Center: 0.864
X: 0.897
O: 0.519

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 72.2 51.1 20.3 0.8 25.4 2.4 0.0
J-R6/7: 72.8 51.7 20.4 0.7 24.5 2.6 0.1

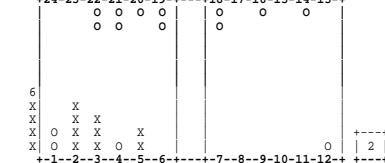
179 (187) cube?

BR: double/pass (O: -0.060)
JF: double/take
RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.578 0.575 0.545
Center: 0.920
X: 0.935
O: 0.470

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 70.5 51.6 17.9 1.0 26.6 2.8 0.1
J-R6/7: 69.7 49.3 19.2 1.2 27.0 3.2 0.1

180 (188) cube?



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

J-R6 J-R6/7 J-2ply
Cubeless: 1.478 1.519 1.531
Center: 1.567
X: 1.597
O: 1.417

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 84.7 13.6 63.8 7.3 15.3 0.0 0.0
J-R6/7: 85.5 13.2 63.6 8.7 14.5 0.0 0.0

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181 (-) cube?

BR: double/pass
JF: gammon/pass (X: -0.023)

RO: double/pass
Cubeless: 0.962 0.919 1.095
Center: 0.777
X: 0.977
O: 0.762

J-R6 J-R6/7 J-2ply

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.9	7.7	59.8	0.4	31.9	0.2	0.0
J-R6/7:	66.6	8.4	57.0	1.2	32.7	0.7	0.0

182 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.854 0.555 0.440
Center: 0.855
X: 0.914
O: 0.492

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	71.6	46.1	24.8	0.7	23.5	4.7	0.2
J-R6/7:	69.9	49.6	19.1	1.2	24.5	5.4	0.2

183 (-) X to play 5-5

BR: 13/3*, 7/2*, 6/1* (X: -0.013)
JF: 13/3*, 7/2*, 6/1* (X: -0.013)

J-R6/20 J-2ply
13/3*, 7/2*, 6/1*: 1.090 1.166*
8/3*(2), 13/3: 0.933 0.925
8/3*(2), 11/6(2): 0.908 0.905
8/3*(2), 7/2*(2): 1.103* 0.989

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/3*, 7/2*, 6/1*:	81.1	34.7	44.3	2.1	17.1	1.8	0.0
8/3*(2), 13/3:	73.7	26.6	44.8	2.3	22.9	3.2	0.2
8/3*(2), 11/6(2):	72.8	26.3	44.2	2.3	23.8	3.2	0.2
8/3*(2), 7/2*(2):	78.1	24.8	50.0	3.3	19.5	2.3	0.1

184 (-) X to play 2-1

BR: b/23, 24/23
JF: b/23, 24/23

J-R6/20 J-2ply
b/23, 24/23: -0.513* -0.782*
b/23, 6/5: -0.596 -0.870
b/23/22: -0.583 -0.829

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/23, 24/23:	41.8	37.5	4.1	0.2	21.9	33.6	2.9
b/23, 6/5:	39.6	36.5	2.9	0.2	22.4	34.0	4.0
b/23/22:	39.6	36.7	2.7	0.2	23.7	32.9	3.8

185 (-) X to play 2-1

BR: b/23/22 (X: -0.152)
JF: b/23, 10/9

J-R6/20 J-2ply
b/23/22: -0.980 -1.051
b/23, 24/23: -0.893 -0.998
b/23, 10/9: -0.828* -0.906*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
b/23/22:	27.4	25.8	1.5	0.1	23.5	43.8	5.3
b/23, 24/23:	30.7	28.8	1.8	0.1	21.3	43.2	4.8
b/23, 10/9:	30.6	28.1	2.4	0.1	26.7	38.8	3.9

186 (-) X to play 2-2

BR: b/23(2), 24/22, 6/4*

JF: b/23(2), 24/22, 6/4*

J-R6/20 J-2ply
b/23(2), 6/4*(2): -0.703 -0.703
b/23(2), 24/22, 6/4*: -0.696* -0.689*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
b/23(2), 6/4*(2): 30.7 26.1 4.4 0.2 35.5 31.1 2.7
b/23(2), 24/22, 6/4*: 32.3 28.5 3.6 0.2 32.0 33.2 2.5

187 (-) X to play 3-2

BR: b/22*, 6/4
JF: b/22*, 6/4

J-R6/20 J-2ply
b/22*, 6/4: -0.353* -0.276*
b/23, 7/4: -0.540 -0.558

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
b/22*, 6/4: 38.7 26.9 11.0 0.8 37.8 21.8 1.7
b/23, 7/4: 33.0 23.7 8.8 0.5 39.4 25.5 2.1

188 (-) X to play 4-3

BR: 6/2, 6/3 (X: -0.090)
JF: 24/20/17

J-R6/20 J-2ply
6/2, 6/3: -0.387 -0.599
24/20/17: -0.297* -0.355*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
6/2, 6/3: 38.5 34.1 4.3 0.1 41.8 19.1 0.6
24/20/17: 44.6 35.9 8.3 0.4 27.6 27.6 0.2

189 (171) X to play 6-3

BR: 24/15 (X: -0.003)
JF: 21/12*

J-R6/20 J-2ply
21/12*: -0.994* -0.927*
24/15: -0.997 -0.995

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
21/12*: 15.3 12.8 2.4 0.1 54.2 28.4 2.1
24/15: 14.3 12.5 1.7 0.1 56.7 27.8 1.2

190 (170) X to play 5-5

+24-23-22-21-20-19-+ +18-17-16-15-14-13-+

J-R6/20 J-2ply
23/13(2): -0.900* -0.921*
18/8(2): -1.065 -0.993

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
23/13(2): 18.6 17.6 1.0 0.0 54.7 25.1 1.6
18/8(2): 15.6 14.7 0.9 0.0 48.5 33.1 2.8

191 (-) X to play 4-1

BR: 6/2, 24/23
JF: 6/2, 24/23

J-R6/20 J-2ply
5/1, 5/4*: -1.407 -1.469
6/2, 24/23: -1.320* -1.339*

J-R6/20 J-2ply
5/1, 5/4*: -1.407 -1.469
6/2, 24/23: -1.320* -1.339*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
5/1, 5/4*	9.6	9.1	0.5	0.0	36.2	48.1	6.1
6/2, 24/23	8.1	7.6	0.5	0.0	46.7	41.8	3.4

192 (-) X to play 4-1

BR: 8/4*, 6/5 (X: -0.031)
JF: 8/4*, 4/3

J-R6/20 J-2ply
8/4*, 6/5: -0.658 -0.747
8/7/3: -0.631 -0.698
8/4*, 4/3: -0.627* -0.662*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
8/4*, 6/5:	36.4	32.5	3.7	0.2	24.0	36.6	3.0
8/7/3:	30.4	26.5	3.7	0.2	42.8	25.5	1.3
8/4*, 4/3:	30.3	25.9	4.2	0.2	43.1	25.2	1.4

193 (-) X to play 4-1

BR: 8/7/3 (X: -0.001)
JF: 8/4*, 4/3

J-R6/20 J-2ply
8/4*, 6/5: -1.028 -0.999
8/7/3: -1.014 -0.963
8/4*, 4/3: -1.013* -0.923*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
8/4*, 6/5:	19.8	18.1	1.6	0.1	38.8	38.5	2.9
8/7/3:	16.3	14.6	1.6	0.1	49.7	32.1	1.9
8/4*, 4/3:	16.4	14.3	2.0	0.1	49.3	32.3	2.0

194 (-) X to play 3-1

BR: 13/9
JF: 13/9

J-R6/20 J-2ply
6/5*, 13/10: -0.873 -1.120
8/5*, 6/5: -0.726 -0.916
8/5*, 5/4: -0.755 -0.858
13/9: -0.682* -0.844*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
6/5*, 13/10:	29.7	27.5	2.1	0.1	25.8	40.0	4.5
8/5*, 6/5:	31.1	27.7	3.2	0.2	33.1	33.2	2.6
8/5*, 5/4:	28.0	25.0	2.9	0.1	39.3	30.7	2.0
13/9:	30.5	27.4	3.0	0.1	38.8	28.9	1.8

195 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.308 0.281 0.240
Center: 0.453
X: 0.548
O: 0.189

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	64.7	49.3	14.9	0.5	21.4	13.4	0.5
J-R6/7:	65.3	52.3	12.2	0.8	19.1	14.8	0.8

196 (175) X to play 3-2

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

J-R6/20 J-2ply
b/22, 5/3*: 0.899* 0.942*
b/20: 0.743 0.891

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
b/22, 5/3*:	77.3	39.4	37.3	0.6	19.7	2.9	0.1

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

Jellyfish on Robertie

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RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.607 0.626 0.606

Center: 0.988
X: 0.990
O: 0.995

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: 0.699
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: 0.539 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 50.1 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

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/o, 2/o
JF: 3/o, 2/o

	J-R6/7	J-2ply					
3/o, 2/o:	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/o, 2/o:	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: 0.038
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:	0.490	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)

Jellyfish on Robertie

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JF: 8/6, 8/4

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

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
8/6, 8/4: 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

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

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
14/8, 7/5: 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

J-R6/7 J-2ply
13/12*, 12/10: 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

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/12*, 12/10: 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

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

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
8/7: 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)

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

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/10, 13/12: 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)

J-R6/7 J-2ply
9/5, 8/5: 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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
9/5, 8/5:	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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
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

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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/2, 5/2, 7/4:	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

231 (-) X to play 4-3

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

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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/4, 9/6:	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)

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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/4, 9/6:	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)

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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/5:	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

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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/3, 6/5:	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)

J-R6/7 J-2ply
7/4: 1.179 1.119
7/5, 6/5: 1.164 1.122
6/3: 1.180* 1.088

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/4:	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

230 (-) X to play 4-3

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

J-R6/7 J-2ply
9/5, 8/5: 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

240a (-) X to play 6-1

+24-23-22-21-20-19-+---+18-17-16-15-14-13-+ +---+	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
	0	0	0	0	0	0	0

238 (-) X to play 5-4

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

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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
9/7, 9/5:	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

239a (83) X to play 5-1

BR: 5/o, 5/4
JF: 5/o, 5/4

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

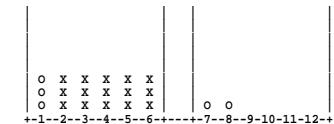
	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
5/o, 5/4:	85.8	45.5	38.8	1.5	14.2	0.0	0.0
6/o:	81.1	39.5	40.0	1.6	18.9	0.0	0.0

239b (-) X to play 4-1

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

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

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

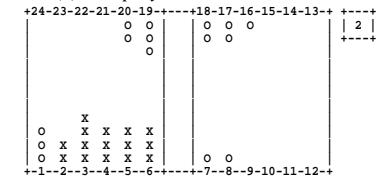


BR: 6/o, 5/4
JF: 6/o, 5/4

J-R6/7 J-2ply
6/o, 5/4: 1.418* 1.248*
6/o, 4/3: 1.336 1.205
6/o, 3/2: 1.311 1.182

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
6/o, 5/4: 83.8 14.3 64.8 4.7 16.2 0.0 0.0
6/o, 4/3: 81.0 14.0 62.5 4.5 19.0 0.0 0.0
6/o, 3/2: 80.3 14.2 61.8 4.3 19.7 0.0 0.0

240b (-) X to play 6-1



BR: 6/o, 5/4
JF: 6/o, 3/2 (X: -0.029)

J-R6/7 J-2ply
6/o, 5/4: 1.422* 1.276*
6/o, 3/2: 1.393 1.277*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
6/o, 5/4: 84.1 14.7 64.8 4.6 15.9 0.0 0.0
6/o, 3/2: 83.0 14.5 63.7 4.8 17.0 0.0 0.0

240c (-) X to play 5-1

BR: 5/o, 3/2
JF: 5/o, 3/2

J-R6/7 J-2ply
5/o, 3/2: 1.544* 1.468*
5/o, 4/3: 1.535 1.445

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
5/o, 3/2: 86.1 11.1 67.8 7.2 13.9 0.0 0.0
5/o, 4/3: 85.9 10.3 69.5 6.1 14.1 0.0 0.0

241 (80) X to play 2-1

BR: 4/3, 2/o
JF: 4/3, 2/o

J-R6/7 J-2ply
4/3, 2/o: 1.226* 1.238*
6/5, 6/4: 1.093 1.134
4/3, 4/2: 1.077 1.099
5/4, 5/3: 1.082 1.060

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
4/3, 2/o: 91.8 54.6 35.8 1.5 8.1 0.0 0.0
6/5, 6/4: 89.9 61.3 27.7 0.9 10.1 0.0 0.0
4/3, 4/2: 88.9 59.8 28.3 0.8 11.1 0.0 0.0
5/4, 5/3: 90.7 64.6 25.4 0.7 9.3 0.0 0.0

242 (86) X to play 3-2

BR: 3/o, 2/o
JF: 3/o, 2/o

J-R6/7 J-2ply
3/o, 3/1*: 0.755 0.782
3/o, 2/o: 0.910* 0.920*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
3/o, 3/1*: 83.9 76.1 7.8 0.0 16.1 0.0 0.0
3/o, 2/o: 87.4 71.3 16.0 0.1 12.6 0.0 0.0

243 (81) X to play 3-1

BR: 6/3, 6/5 (X: -0.022)
JP: 6/3, 6/5 (X: -0.022)

J-R6/7 J-2ply
7/3: 0.834* 0.770
6/3, 6/5: 0.812 0.789*
7/6, 4/1: 0.770 0.749

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
7/3: 84.4 68.3 15.9 0.2 14.0 1.5 0.1
6/3, 6/5: 84.7 72.5 12.0 0.2 14.7 0.6 0.0
7/6, 4/1: 81.2 66.3 14.7 0.2 18.2 0.6 0.0

244 (84) X to play 6-4

BR: 6/o, 5/1
JP: 6/o, 6/2* (X: -0.069)

J-R6/7 J-2ply
6/o, 6/2*: -0.143 -0.017*
6/o, 5/1: -0.074* -0.069
6/o, 4/o: -0.110 -0.054

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
6/o, 6/2*: 42.3 41.1 1.2 0.0 57.7 0.0 0.0
6/o, 5/1: 45.9 45.1 0.8 0.0 54.1 0.0 0.0
6/o, 4/o: 44.0 43.0 1.0 0.0 56.0 0.0 0.0

245 (85) X to play 6-1

BR: 4/o, 4/3 (X: -0.022)
JP: 4/o, 1/o

J-R6/7 J-2ply
4/o, 1/o: 1.125* 1.248*
4/o, 4/3: 1.103 1.201

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
4/o, 1/o: 84.7 42.5 41.2 1.0 15.3 0.0 0.0
4/o, 4/3: 85.7 47.6 37.3 0.8 14.3 0.0 0.0

246 (91) X to play 1-1

BR: 24/23(2), 8/7, 6/5
JP: 24/23(2), 8/7, 6/5

J-R6/7 J-2ply
24/23(2), 8/7, 6/5: -0.737 -0.740*
24/23(2), 8/6: -0.737* -0.761
8/4: -0.866 -0.885

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
24/23(2), 8/7, 6/5: 15.4 14.6 0.8 0.0 79.4 5.0 0.2
24/23(2), 8/6: 15.4 14.6 0.8 0.0 79.3 5.1 0.2
8/4: 11.8 11.3 0.5 0.0 77.7 10.1 0.4

247 (-) X to play 2

BR: 22/20 (X: -0.082)
JP: 13/11

J-R6/7 J-2ply
22/20: -0.519 -0.492
13/11: -0.437* -0.474*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
22/20: 28.4 26.2 2.1 0.1 60.6 11.0 0.0
13/11: 29.9 28.9 1.0 0.0 65.5 4.6 0.0

248 (-) X to play 3-1

BR: 4/1, 3/2
JP: 4/1, 3/2

J-R6/7 J-2ply
4/1, 3/2: -1.004* -0.996*
24/23*, 4/1: -1.024 -1.047

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
4/1, 3/2: 6.6 6.6 0.0 0.0 80.0 13.1 0.3
24/23*, 4/1: 10.6 9.9 0.7 0.0 65.8 22.9 0.7

249a (-) X to play 5-1

BR: 13/8, 9/8
JP: 13/8, 9/8

J-R6/7 J-2ply
13/8, 9/8: -1.734* -1.927*
24/18: -2.000 -2.010

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/8, 9/8: 7.3 7.3 0.0 0.0 23.1 51.3 18.3
24/18: 0.0 0.0 0.0 0.0 0.0 100.0 0.0

249b (-) X to play 5-1

BR: 13/8, 9/8
JP: 13/8, 9/8

J-R6/7 J-2ply
13/8, 9/8: -1.844* -1.903*
24/18: -1.996 -1.986

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/8, 9/8: 3.0 3.0 0.0 0.0 10.1 83.4 3.5
24/18: 0.0 0.0 0.0 0.0 0.4 99.6 0.0

250a (-) X to play 5-1

BR: 24/18
JP: 24/18

J-R6/7 J-2ply
13/8, 9/8: -2.656 -2.721
24/18: -2.000* -2.004*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/8, 9/8: 1.0 1.0 0.0 0.0 6.9 16.7 75.4
24/18: 0.0 0.0 0.0 0.0 0.0 100.0 0.0

250b (-) X to play 5-1

BR: 24/18
JP: 24/18

J-R6/7 J-2ply
13/8, 9/8: -2.122 -2.160
24/18: -1.999* -2.002*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/8, 9/8: 2.3 2.3 0.0 0.0 6.9 64.8 26.0
24/18: 0.0 0.0 0.0 0.0 0.1 99.9 0.0

251 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.347 0.351 0.354
Center: 0.637
X: 0.712
O: 0.206

Jellyfish on Robertie

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	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	63.6	47.5	15.4	0.7	27.3	8.8	0.3
J-R6/7:	64.0	47.7	15.5	0.8	26.5	9.1	0.4

252 (-) cube?

BR: double/pass (X: -0.110, O: -0.334)
 JF: double/take (X: -0.110)
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.453	0.464	0.469
Center:	0.776		
X:	0.819		
O:	0.333		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.7	50.0	17.0	0.7	24.0	8.0	0.3
J-R6/7:	68.5	51.5	16.2	0.8	23.4	7.8	0.3

253 (-) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.660	0.653	0.639
Center:	0.915		
X:	0.940		
O:	0.545		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	72.5	48.2	22.8	1.5	23.1	4.1	0.3
J-R6/7:	72.7	48.7	22.8	1.2	22.1	5.0	0.2

254 (94) cube?

BR: nodouble/take (X: -0.093)
 JF: nodouble/take (X: -0.093)
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.557	0.503	0.432
Center:	0.470		
X:	0.629		
O:	0.361		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	59.5	20.6	36.4	2.5	35.9	4.4	0.2
J-R6/7:	58.1	20.5	36.0	1.6	37.1	4.6	0.2

255 (93) cube?

BR: double/pass (X: -0.153)
 JF: gammon/pass
 RO: gammon/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	1.121	1.156	1.190
Center:	1.068		
X:	1.153		
O:	1.036		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	82.2	36.6	43.5	2.1	17.8	0.0	0.0
J-R6/7:	83.2	36.1	45.0	2.1	16.8	0.0	0.0

256 (92) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	1.716	1.727	1.950
Center:	1.789		
X:	1.800		
O:	1.693		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	92.9	25.1	49.8	18.0	7.1	0.0	0.0
J-R6/7:	92.7	23.5	51.0	18.2	7.3	0.0	0.0

257 (95) cube?

BR: nodouble/take (X: -0.026)
 JF: double/pass (O: -0.088)

RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.542	0.590	0.654
Center:	0.886		
X:	0.905		
O:	0.456		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	72.6	62.7	9.8	0.1	26.4	1.0	0.0
J-R6/7:	74.9	64.8	9.9	0.2	24.1	1.0	0.0

In old edition one checker on 24 is on 23

258 (96) cube?

BR: double/pass (O: -0.030)
 JF: double/pass (O: -0.030)
 RO: double/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.570	0.575	0.593
Center:	0.894		
X:	0.755		
O:	0.485		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.4	62.8	10.4	0.2	25.9	0.7	0.0
J-R6/7:	73.9	63.7	9.9	0.3	25.2	0.9	0.0

259 (-) cube?

BR: nodouble/take
 JF: double/take (X: -0.148)
 RO: nodouble/take

	J-R6	J-R6/7	J-2ply
Cubeless:	0.447	0.463	0.445
Center:	0.864		
X:	0.887		
O:	0.358		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	71.3	67.1	4.1	0.1	26.6	2.1	0.0
J-R6/7:	72.4	69.2	3.1	0.1	25.8	1.8	0.0

260a (99a) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.395	0.382	0.400
Center:	0.678		
X:	0.736		
O:	0.266		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	68.1	63.8	4.5	0.1	29.7	1.3	0.0
J-R6/7:	68.3	64.9	3.3	0.1	29.7	2.0	0.0

260b (99b) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.469	0.469	0.470
Center:	0.809		
X:	0.844		
O:	0.377		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	72.1	68.0	4.0	0.1	26.3	1.0	0.0
J-R6/7:	72.7	69.5	3.1	0.1	25.5	1.8	0.0

260c (99c) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	0.547	0.532	0.538
Center:	0.936		
X:	0.949		
O:	0.481		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	76.2	72.3	3.8	0.1	22.2	1.5	0.1
J-R6/7:	75.6	71.8	3.7	0.1	22.6	1.8	0.0

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	86.2	61.1	25.0	0.1	13.8	0.0	

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263 (190) X to play 2-1

BR: 6/3 (X: -0.006)
JF: 7/6, 7/5

J-R6/7 J-2ply
6/3: 0.842 0.845
7/6, 7/5: 0.848* 0.916*
8/7, 8/6: 0.804 0.855
7/4: 0.797 0.838
8/5: 0.780 0.827

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/3:	88.9	82.4	6.4	0.1	10.9	0.2	0.0
7/6, 7/5:	88.7	80.9	7.7	0.1	10.8	0.5	0.0
8/7, 8/6:	87.4	81.8	5.5	0.1	12.4	0.2	0.0
7/4:	85.9	77.6	8.2	0.1	13.6	0.5	0.0
8/5:	85.3	77.4	7.8	0.1	14.2	0.5	0.0

264 (191) X to play 6-4

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

J-R6/7 J-2ply
8/2, 8/4: 0.771* 0.840*
8/2, 7/3: 0.741 0.737

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/2, 8/4:	86.9	83.5	3.4	0.0	12.9	0.2	0.0
8/2, 7/3:	85.7	82.1	3.6	0.0	13.3	1.0	0.0

265 (-) X to play 6-5

BR: 13/2
JF: 13/2

J-R6/7 J-2ply
13/2: 0.859* 0.845*
7/1, 6/1: 0.832 0.786
13/8, 9/3: 0.698 0.727
13/7, 9/4: 0.807 0.823

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
13/2:	87.1	74.8	12.2	0.1	12.3	0.6	0.0
7/1, 6/1:	81.4	57.3	23.8	0.3	14.8	3.7	0.1
13/8, 9/3:	79.5	66.7	12.7	0.1	18.3	2.1	0.1
13/7, 9/4:	84.6	72.4	12.1	0.1	14.5	0.9	0.0

266 (193) X to play 4-1

BR: 11/6
JF: 11/6

J-R6/7 J-2ply
11/6: 1.535* 1.491*
11/7, 16/15: 1.522 1.448
11/7, 2/1*: 1.430 1.419

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
11/6:	97.2	41.6	51.7	3.9	2.5	0.3	0.0
11/7, 16/15:	97.5	43.8	50.1	3.6	2.3	0.2	0.0
11/7, 2/1*:	95.0	44.6	46.8	3.6	4.0	1.0	0.0

267 (194) X to play 4-4

BR: 4/o(3), 6/2
JF: 4/o(3), 6/2

J-R6/7 J-2ply
4/o(3), 6/2: 1.289* 1.233*
4/o(2), 6/2(2): 1.206 1.226

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
4/o(3), 6/2:	78.2	9.0	65.8	3.4	21.8	0.0	0.0
4/o(2), 6/2(2):	75.5	8.2	64.9	2.4	24.5	0.0	0.0

268 (195) X to play 6-2

BR: 15/9, 6/4 (X: -0.011)
JF: 15/9, 15/13 (X: -0.030)

	J-R6/7	J-2ply
15/7:	-0.174*	-0.207
15/9, 15/13:	-0.204	-0.200*
15/9, 6/4:	-0.185	-0.205

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
15/7:	41.6	41.2	0.4	0.0	57.4	1.0	0.0
15/9, 15/13:	40.2	40.0	0.2	0.0	58.8	1.0	0.0
15/9, 6/4:	41.0	40.7	0.3	0.0	58.2	0.8	0.0

269 (196) X to play 6-1

BR: 20/19*, 20/14
JF: 20/19*, 19/13 (X: -0.011)

	J-R6/7	J-2ply
20/19*, 19/13:	0.685	0.696*
20/19*, 20/14:	0.696*	0.676

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
20/19*, 19/13:	81.0	74.2	6.7	0.1	18.7	0.3	0.0
20/19*, 20/14:	81.5	74.6	6.8	0.1	18.2	0.3	0.0

270 (197) cube?

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

	J-R6	J-R6/7	J-2ply
Cubeless:	1.412	1.417	1.446
Center:	1.331		
X:	1.429		
O:	1.318		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	83.0	7.9	75.0	0.1	17.0	0.0	0.0
J-R6/7:	83.1	8.3	74.2	0.6	16.9	0.0	0.0

271 (198) cube?

BR: double/pass
JF: gammon/pass (X: -0.239)
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.754	0.769	0.679
Center:	0.669		
X:	0.761		
O:	0.664		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	66.3	23.6	42.6	0.1	33.7	0.0	0.0
J-R6/7:	66.5	22.8	43.5	0.2	33.5	0.0	0.0

272 (199) cube?

BR: double/pass
JF: nodouble/take (X: -0.216, O: -0.068)
RO: double/pass

	J-R6	J-R6/7	J-2ply
Cubeless:	0.803	0.678	0.413
Center:	0.519		
X:	0.784		
O:	0.534		

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	64.3	10.1	52.7	1.5	31.8	3.7	0.2
J-R6/7:	60.0	9.2	49.0	1.8	35.3	4.5	0.2

273 (-) X to play 5-4

BR: 15/11*, 11/6
JF: 15/11*, 11/6

J-R6/7 J-2ply
15/6: 1.289* 1.233*
4/o(2), 6/2(2): 1.206 1.226

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
4/o(3), 6/2:	78.2	9.0	65.8	3.4	21.8	0.0	0.0
4/o(2), 6/2(2):	75.5	8.2	64.9	2.4	24.5	0.0	0.0

15/11*, 11/6: 1.880* 1.874*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
15/6:	96.7	18.8	75.8	2.1	3.3	0.0	0.0
15/11*, 11/6:	96.3	9.8	77.6	8.9	3.7	0.0	0.0

274 (-) X to play 6-2

BR: 8/2*, 6/o (X: -0.010)
JF: 8/2/o

	J-R6/7	J-2ply
8/2/o:	1.949*	1.879*
8/6*, 6/o:	1.939	1.859

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
8/2/o:	99.6	4.3	94.8	0.5	0.4	0.0	0.0
8/6*, 6/o:	98.5	2.9	94.3	1.3	1.5	0.0	0.0

275 (-) X to play 3-3

BR: 4/1*(2), 3/o(2)
JF: 4/1*(2), 3/o(2)

	J-R6/7	J-2ply
4/1*(2), 5/2(2):	1.101	1.096
4/1*(2), 3/o(2):	1.188*	1.200*
3/o(4):	1.105	1.036

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
4/1*(2), 5/2(2):	99.8	89.3	10.5	0.0	0.2	0.0	0.0
4/1*(2), 3/o(2):	97.4	73.6	23.7	0.1	2.6	0.0	0.0
3/o(4):	92.3	66.9	24.9	0.5	7.7	0.0	0.0

276 (200) X to play 3-2

BR: 3/o, 2/o
JF: 5/3, 5/2 (X: -0.036)

	J-R6/7	J-2ply
5/3, 5/2:	1.717	1.726*
3/o, 2/o:	1.753*	1.714

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
5/3, 5/2:	100.0	28.5	71.3	0.2	0.0	0.0	0.0
3/o, 2/o:	97.6	17.9	79.2	0.5	2.4	0.0	0.0

277 (201) X to play 6-2

BR: 4/o, 2/o
JF: 4/o, 2/o

	J-R6/7	J-2ply
4/o, 2/o:	1.686*	1.574*
4/o, 4/2:	1.569	1.554

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
4/o, 2/o:	98.5	27.8	69.8	0.9	1.5	0.0	0.0
4/o, 4/2:	98.8	39.7	58.8	0.3	1.2	0.0	0.0

278 (202) X to play 5-1

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

	J-R6/7	J-2ply
7/2, 1/o:	1.970*	1.977*
7/2/1:	1.912	1.937

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/2, 1/o:	99.8	3.5	95.2	1.1	0.2	0.0	0.0
7/2/1:	100.0	9.1	90.5	0.4	0.0	0.0	0.0

279 (-) X to play 3

BR: 3/o

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JP: 3/o

J-R6/7 J-2ply
1.345* 1.362*
1.295 1.231

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
3/o: 79.2 6.0 70.2 3.0 20.8 0.0 0.0
5/2: 77.9 7.2 67.6 3.1 22.1 0.0 0.0

280 (-) X to play 2-1

BR: 6/4, 6/5*
JP: 6/4, 6/5*

J-R6/7 J-2ply
2/o, 1/o: 1.309 1.291
4/3, 4/2: 1.279 1.288
6/4, 6/5: 1.444* 1.441*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
2/o, 1/o: 97.1 62.2 34.0 1.1 2.7 0.0 0.0
4/3, 4/2: 99.9 69.2 29.2 0.5 1.1 0.0 0.0
6/4, 6/5*: 97.9 51.0 45.1 1.8 2.1 0.0 0.0

281 (-) X to play 3-2

BR: 3/o, 2/o
JP: 3/o, 2/o

J-R6/7 J-2ply
3/o, 2/o: 1.502* 1.470*
5/3, 5/2: 1.435 1.419

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
3/o, 2/o: 97.1 44.7 48.9 3.5 2.9 0.0 0.0
5/3, 5/2: 97.5 50.6 45.3 1.6 2.5 0.0 0.0

282 (203) X to play 6-1

BR: 3/o, 2/1
JP: 3/o, 2/1

J-R6/7 J-2ply
3/o, 3/2: 1.079 1.066
3/o, 2/1: 1.101* 1.096*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
3/o, 3/2: 100.0 92.1 7.9 0.0 0.0 0.0 0.0
3/o, 2/1: 100.0 89.9 10.1 0.0 0.0 0.0 0.0

283 (-) X to play 1

BR: 1/o
JP: 1/o

J-R6/7 J-2ply
3/2: 1.437 1.453
2/1: 1.428 1.422
1/o: 1.582* 1.492*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
3/2: 95.9 44.6 50.8 0.5 4.1 0.0 0.0
2/1: 97.2 49.3 47.4 0.5 2.8 0.0 0.0
1/o: 96.9 35.6 58.2 3.1 3.1 0.0 0.0

284 (204) X to play 6-1

BR: 8/7*, 7/1
JP: 8/7*, 7/1

J-R6/7 J-2ply
8/2/1: 2.000 2.022
8/7*, 7/1: 2.395* 2.217*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
8/2/1: 100.0 0.0 100.0 0.0 0.0 0.0 0.0
8/7*, 7/1: 97.1 14.9 19.2 63.0 2.9 0.0 0.0

285 (205) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.581 0.577 0.635
Center: 0.775
X: 0.801
O: 0.520

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 78.3 75.7 2.6 0.0 20.7 1.0 0.0
J-R6/7: 77.7 74.2 3.4 0.1 21.1 1.2 0.0

286 (206) cube?

BR: double/take
JP: double/take
RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.569 0.557 0.565
Center: 0.801
X: 0.842
O: 0.469

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 74.8 64.3 10.3 0.2 21.8 3.3 0.1
J-R6/7: 73.7 61.8 11.6 0.3 22.6 3.6 0.1

287 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.604 0.593 0.656
Center: 0.750
X: 0.802
O: 0.499

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 72.6 52.4 20.0 0.2 22.1 5.2 0.1
J-R6/7: 71.8 50.2 21.0 0.6 21.9 6.0 0.3

288 (207) X to play 6-4

BR: 15/9, 8/4 (X: -0.010)
JP: 15/5 (X: -0.016)

J-R6/7 J-2ply
19/9: 0.172* 0.168
15/5: 0.156 0.209*
15/9, 8/4: 0.162 0.113

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
19/9: 59.2 56.7 2.5 0.0 37.1 3.7 0.0
15/5: 57.6 55.2 2.4 0.0 40.3 2.1 0.0
15/9, 8/4: 61.9 58.6 3.2 0.1 27.4 10.5 0.2

289 (208) X to play 2-1

BR: 19/16
JP: 7/6, 17/15 (X: -0.017)

J-R6/7 J-2ply
19/16: 0.166 0.257
7/5, 12/11: 0.343 0.252
12/11, 17/15: 0.368 0.267
12/10, 17/16: 0.339 0.266
7/4: 0.275 0.284
7/6, 12/10: 0.357 0.362
7/6, 19/17: 0.378 0.333
7/6, 17/15: 0.369 0.363*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
19/16: 70.5 63.7 6.6 0.2 20.1 9.4 0.0
7/5, 12/11: 71.4 64.0 7.2 0.2 12.9 15.4 0.3
12/11, 17/15: 70.6 64.1 6.3 0.2 18.3 11.0 0.1
12/10, 17/16: 69.3 62.9 6.2 0.2 19.4 11.2 0.1
7/4: 66.0 59.8 6.0 0.2 23.1 10.8 0.1
7/6, 12/10: 70.0 63.4 6.4 0.2 19.0 10.9 0.1
7/6, 19/17: 70.2 63.5 6.5 0.2 20.4 9.4 0.0
7/6, 17/15: 69.7 63.3 6.2 0.2 21.2 9.0 0.1

290 (209) X to play 4-1

BR: 11/7, 5/4* (X: -0.012)
JP: 11/7, 5/4* (X: -0.012)

J-R6/7 J-2ply
11/7, 5/4*: 0.682 0.723*
11/6: 0.694* 0.698

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
11/7, 5/4*: 82.1 77.9 4.2 0.0 17.6 0.3 0.0
11/6: 84.5 84.2 0.3 0.0 15.5 0.0 0.0

In old edition three checkers on 23 are on 24

291 (-) X to play 5-2

BR: 14/7
JP: 14/7

J-R6/7 J-2ply
14/12, 7/2: 0.652 0.673
14/7: 0.776* 0.789*

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
14/12, 7/2: 81.8 80.0 1.8 0.0 18.0 0.2 0.0
14/7: 88.5 87.9 0.6 0.0 11.4 0.1 0.0

292 (210) X to play 1-1

BR: 15/11 (X: -0.011)
JP: 15/13(2)

J-R6/7 J-2ply
15/11: 0.749 0.744
15/13(2): 0.760* 0.762*
15/14, 15/12: 0.752 0.756

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
15/11: 83.0 72.4 10.5 0.1 15.1 1.8 0.1
15/13(2): 84.2 75.3 8.8 0.1 14.4 1.4 0.0
15/14, 15/12: 84.0 75.4 8.5 0.1 14.6 1.4 0.0

293 (211) X to play 6-2

BR: 13/7*, 7/5
JP: 13/7*, 7/5

J-R6/7 J-2ply
13/7*, 7/5: 0.273* 0.288*
13/7*, 8/6: 0.262 0.228

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
13/7*, 7/5: 64.6 62.8 1.8 0.0 31.8 3.5 0.1
13/7*, 8/6: 65.3 63.3 1.9 0.1 28.2 6.4 0.1

294 (239) X to play 5-3

BR: 22/14
JP: 22/14

J-R6/7 J-2ply
22/17, 21/18: -0.423
22/14: -0.341* 0.387*
21/13: 0.372 0.448
22/17, 16/13: -0.350 -0.411
16/11, 22/19: -0.348 -0.411

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
22/17, 21/18: 45.2 45.2 0.0 0.0 29.8 24.1 0.9
22/14: 46.0 46.0 0.0 0.0 29.3 23.2 1.5
21/13: 45.0 45.0 0.0 0.0 28.8 25.1 1.1
22/17, 16/13: 45.9 45.9 0.0 0.0 28.8 23.9 1.4
16/11, 22/19: 45.5 45.5 0.0 0.0 29.6 24.1 0.8

JellyFish 2ply plays 16/11, 22/19.

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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

	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

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
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

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

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

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

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?

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

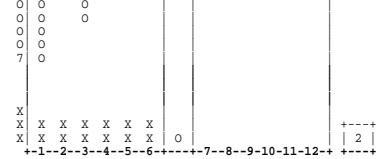
J-R6 J-R6/7 J-2ply
Cubeless: 0.236 0.258 0.199

Center: 0.354
X: 0.437
O: 0.137

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	61.8	61.8	0.0	0.0	38.2	0.0	0.0
J-R6/7:	62.9	62.9	0.0	0.0	37.1	0.0	0.0

311 (-) cube?

+24-23-22-21-20-19-+---+18-17-16-15-14-13-+



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

J-R6 J-R6/7 J-2ply
Cubeless: 0.472 0.459 0.473

Center: 0.736
X: 0.765
O: 0.410

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.6	73.6	0.0	0.0	26.4	0.0	0.0
J-R6/7:	72.9	72.9	0.0	0.0	27.1	0.0	0.0

312 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.365 0.345 0.399

Center: 0.627
X: 0.688
O: 0.264

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	68.3	68.3	0.0	0.0	31.7	0.0	0.0
J-R6/7:	67.3	67.3	0.0	0.0	32.7	0.0	0.0

313 (222) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: -0.134 -0.101 -0.030

Center: 0.004
X: 0.149
O: -0.246

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	55.4	55.4	0.0	0.0	21.4	22.1	1.1
J-R6/7:	56.1	56.1	0.0	0.0	22.4	20.7	0.8

314 (-) cube?

BR: double/take (X: -0.090)
JF: double/take (X: -0.090)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.385 0.410 0.422

Center: 0.661
X: 0.708
O: 0.309

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	69.9	69.9	0.0	0.0	28.8	1.3	0.0
J-R6/7:	71.1	71.1	0.0	0.0	27.6	1.3	0.0

315 (-) cube?

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

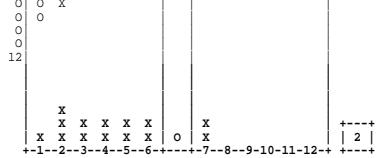
J-R6 J-R6/7 J-2ply
Cubeless: 0.577 0.597 0.569

Center: 0.777
X: 0.810
O: 0.520

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	79.4	79.4	0.0	0.0	19.4	1.2	0.0
J-R6/7:	80.5	80.5	0.0	0.0	18.2	1.3	0.0

316 (223) X to play 4-2

+24-23-22-21-20-19-+---+18-17-16-15-14-13-+



BR: 23/17

JF: 23/17

J-R6/7 J-2ply
7/1: -0.734 -0.778
23/17: -0.731* -0.745*

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
7/1:	13.5	13.5	0.0	0.0	86.2	0.3	0.0
23/17:	14.6	14.6	0.0	0.0	83.3	1.9	0.2

317 (230) cube?

BR: nodouble/take
JF: double/take (X: -0.073)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.532 0.508 0.408

Center: 0.979
X: 0.987
O: 0.457

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	76.6	76.6	0.0	0.0	23.3	0.1	0.0
J-R6/7:	75.5	75.5	0.0	0.0	24.3	0.2	0.0

318 (225) X to play 6-5

BR: 6/o, 5/o
JF: 6/o, 5/o

J-R6/7 J-2ply
6/o, 5/o: -0.115* -0.101*
6/o, 6/1: -0.116 -0.129

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
6/o, 5/o:	44.3	44.3	0.0	0.0	55.7	0.0	0.0
6/o, 6/1:	44.2	44.2	0.0	0.0	55.8	0.0	0.0

319 (226) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.550 0.548 0.567

Center: 0.956
X: 0.964
O: 0.491

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	77.5	77.5	0.0	0.0	22.5	0.0	0.0
J-R6/7:	77.4	77.4	0.0	0.0	22.6	0.0	0.0

320 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.479 0.490 0.479

Center: 0.669
X: 0.728
O: 0.395

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	73.9	73.9	0.0	0.0	26.1	0.0	0.0
J-R6/7:	74.5	74.5	0.0	0.0	25.5	0.0	0.0

321 (227) cube?

BR: nodouble/take
JF: double/take (X: -0.127)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.349 0.320 0.448

Center: 0.568
X: 0.633
O: 0.253

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	67.5	67.5	0.0	0.0	32.5	0.0	0.0
J-R6/7:	66.0	66.0	0.0	0.0	34.0	0.0	0.0

322a (228a) cube?

BR: double/take
JF: double/pass (O: -0.020)
RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.557 0.494 0.608

Center: 0.833
X: 0.857
O: 0.490

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	77.8	77.8	0.0	0.0	22.2	0.0	0.0
J-R6/7:	74.7	74.7	0.0	0.0	25.3	0.0	0.0

322b (228b) cube?

BR: double/take (O: -0.042)
JF: double/take (O: -0.042)
RO: double/pass

J-R6 J-R6/7 J-2ply
Cubeless: 0.583 0.518 0.564

Center: 0.842
X: 0.869
O: 0.521

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	79.2	79.2	0.0	0.0	20.8	0.0	0.0
J-R6/7:	75.9	75.9	0.0	0.0	24.1	0.0	0.0

323 (229) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.668 0.618 0.618

Center: 0.914
X: 0.929
O: 0.619

	X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
J-R6:	83.4	83.4	0.0	0.0	16.6	0.0	0.0
J-R6/7:	80.9	80.9	0.0	0.0	19.1	0.0	0.0

324 (-) cube?

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

J-R6 J-R6/7 J-2ply

Jellyfish on Robertie

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Cubeless:	0.292	0.111	0.036				
Center:	0.492						
X:	0.657						
O:	0.120						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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	J-R6	J-R6/7	J-2ply				
JF: double/pass							
RO: double/pass							
	X-Wins	X-Sgls	X-Gams				
J-R6:	0.604	0.566	0.605				
Center:	0.991						
X:	0.992						
O:	0.550						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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	J-R6	J-R6/7	J-2ply				
JF: nodouble/take							
RO: nodouble/take							
	X-Wins	X-Sgls	X-Gams				
J-R6:	0.286	0.261	0.429				
Center:	0.645						
X:	0.763						
O:	0.110						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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)	J-R6	J-R6/7	J-2ply			
JF: double/pass							
RO: double/pass							
	X-Wins	X-Sgls	X-Gams				
J-R6:	0.612	0.619	0.723				
Center:	0.829						
X:	0.872						
O:	0.519						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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	J-R6	J-R6/7	J-2ply				
JF: double/pass							
RO: double/pass							
	X-Wins	X-Sgls	X-Gams				
J-R6:	0.723	0.688	0.636				
Center:	0.868						
X:	0.892						
O:	0.669						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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	J-R6	J-R6/7	J-2ply				
JF: nodouble/take	(X: -0.263)						
RO: double/take							
	X-Wins	X-Sgls	X-Gams				
J-R6:	0.470	0.470	0.372				
Center:	0.626						
X:	0.643						
O:	0.453						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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	J-R6	J-R6/7	J-2ply				
JF: nodouble/take							
RO: nodouble/take							
	X-Wins	X-Sgls	X-Gams				
J-R6:	0.237	0.270	0.298				
Center:	0.390						
X:	0.471						
O:	0.137						
	X-Wins	X-Sgls	X-Gams				
J-R6:	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

X: 0.036
O: -0.309

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	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*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
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

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
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*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
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*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
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*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
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

3/2: -0.178 -0.123*
2/1*: -0.171* -0.145

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs
35.9	25.6	10.1	0.2	64.1	0.0	0.0
35.9	24.9	10.8	0.2	64.1	0.0	0.0

339 (-) X to play 5-I

BR: 12/7, 5/4
JF: 12/7, 5/4

J-R6/7 J-2ply
12/6: 0.751 0.684
12/7, 5/4: 0.763* 0.692*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
12/6:	87.5	87.5	0.0	0.0	12.5	0.0	0.0
12/7, 5/4:	88.1	88.1	0.0	0.0	11.9	0.0	0.0

340 (-) X to play 6-I

BR: 5/o, 4/3 (X: -0.015)
JF: 5/o, 4/3 (X: -0.015)

J-R6/7 J-2ply
5/o, 4/3: -0.470 -0.493*
5/o, 5/4: -0.455* -0.511

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
5/o, 4/3:	26.5	26.5	0.0	0.0	73.5	0.0	0.0
5/o, 5/4:	27.2	27.2	0.0	0.0	72.8	0.0	0.0

341 (-) X to play 6-5

BR: 16/11*, 11/5
JF: 16/11*, 11/5

J-R6/7 J-2ply
16/5: -0.992 -0.982
16/11*, 11/5: -0.823* -0.896*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
16/5:	0.4	0.4	0.0	0.0	99.6	0.0	0.0
16/11*, 11/5:	11.9	11.9	0.0	0.0	82.1	5.9	0.1

342 (-) X to play 5-4

BR: 18/14*, 14/9
JF: 18/14*, 14/9

J-R6/7 J-2ply
18/14*, 14/9: 0.846* 0.816*
18/13/9: 0.720 0.645

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
18/14*, 14/9:	92.3	92.3	0.0	0.0	7.7	0.0	0.0
18/13/9:	86.0	86.0	0.0	0.0	14.0	0.0	0.0

343 (235) X to play 6-4

BR: 12/8, 10/4
JF: 12/6, 10/6 (X: -0.023)

J-R6/7 J-2ply
12/6, 10/6: -1.954 -1.965*
12/8, 10/4: -1.931* -1.986

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
12/6, 10/6:	0.0	0.0	0.0	0.0	4.6	95.4	0.0
12/8, 10/4:	0.0	0.0	0.0	0.0	6.9	93.1	0.0

344 (-) X to play 2-I

BR: 9/7, 6/5
JF: 9/6 (X: -0.139)

J-R6/7 J-2ply	
9/6:	-1.306 -1.183*
9/8, 6/4:	-1.167 -1.335
9/7, 6/5:	-1.167* -1.276
X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
9/6:	0.0 0.0 0.0 0.0 69.4 30.6 0.0
9/8, 6/4:	0.0 0.0 0.0 0.0 83.3 16.7 0.0
9/7, 6/5:	0.0 0.0 0.0 0.0 83.3 16.7 0.0

345 (-) X to play 1-I

BR: 11/8, 2/1
JF: 11/7 (X: -0.048)

J-R6/7 J-2ply
11/7: -1.187 -1.231*
11/8, 4/3: -1.187 -1.288
11/8, 6/5: -1.163 -1.289
11/8, 2/1: -1.139* -1.285

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
11/7:	0.0 0.8 0.0 0.8 81.3 18.7 0.0
11/8, 4/3:	0.0 0.0 0.0 0.0 81.3 18.7 0.0
11/8, 6/5:	0.0 0.0 0.0 0.0 83.7 16.3 0.0
11/8, 2/1:	0.0 0.0 0.0 0.0 86.1 13.9 0.0

346 (-) X to play 1

BR: 2/1
JF: 10/9

J-R6/7 J-2ply
14/13: -1.931 -1.978
10/9: -1.931 -1.975*
4/3: -1.931 -1.978
6/5: -1.931 -1.981
5/4: -1.931 -1.981
2/1: -1.931* -1.980

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
14/13:	0.0 0.0 0.0 0.0 6.9 93.1 0.0
10/9:	0.0 0.0 0.0 0.0 6.9 93.1 0.0
4/3:	0.0 0.0 0.0 0.0 6.9 93.1 0.0
6/5:	0.0 0.0 0.0 0.0 6.9 93.1 0.0
5/4:	0.0 0.0 0.0 0.0 6.9 93.1 0.0
2/1:	0.0 0.0 0.0 0.0 6.9 93.1 0.0

Statistics (The Endgame):

Checkerplays: 51, Games played: 1073088
Cubes: 38, Games played: 295488
Overall: 89, Games played: 1368576

Bill Robertie:
Diff Checkerplays: 11, Sum: -0.183, Avg: -0.0036, Max: -0.055 (335b)
Diff Cubes: 8, Sum: -0.623, Avg: -0.0164, Max: -0.323 (332)
Overall Diff: 19, Sum: -0.806, Avg: -0.0091

Jellyfish 2ply:
Diff Checkerplays: 13, Sum: -0.442, Avg: -0.0087, Max: -0.139 (344)
Diff Cubes: 12, Sum: -1.414, Avg: -0.0372, Max: -0.284 (272)
Overall Diff: 25, Sum: -1.856, Avg: -0.0209

Average Absolute Equity Difference Jellyfish 2ply vs. Rollout:

All Checkerplays: 138, Avg Diff: 0.0415
All Cubes (Trunc): 38, Avg Diff: 0.0613
All Cubes (Full): 38, Avg Diff: 0.0765
Overall Diff: 214, Avg Diff: 0.0512

Average Standard Deviation of Rollouts:
Checkerplays: 0.0061, Cubes (T): 0.0070; Cubes (F): 0.0123, All: 0.0091

13 The Race

347 (-) cube?

BR: double/take (X: -0.001)
JF: double/take (X: -0.001)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.500 0.511 0.531
Center: 0.843
X: 0.873
O: 0.421

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
J-R6/7:	75.5 75.5 0.0 0.0 24.5 0.0 0.0

348 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.417 0.421 0.485
Center: 0.686
X: 0.741
O: 0.320

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
J-R6:	70.8 70.8 0.0 0.0 29.2 0.0 0.0
J-R6/7:	71.1 71.1 0.0 0.0 28.9 0.0 0.0

349 (-) cube?

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

J-R6 J-R6/7 J-2ply
Cubeless: 0.622 0.666 0.713
Center: 0.956
X: 0.963
O: 0.557

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
J-R6:	81.1 81.0 0.1 0.0 18.9 0.0 0.0
J-R6/7:	83.2 83.1 0.1 0.0 16.8 0.0 0.0

350 (-) cube?

BR: nodouble/take (X: -0.028)
JF: nodouble/take (X: -0.028)
RO: double/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.393 0.318 0.329
Center: 0.518
X: 0.592
O: 0.310

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs	
J-R6:	69.7 69.7 0.0 0.0 30.3 0.0 0.0
J-R6/7:	65.9 65.9 0.0 0.0 34.1 0.0 0.0

351 (-) cube?

BR: nodouble/take
JF: double/pass (X: -0.047, O: -0.238)
RO: nodouble/take

J-R6 J-R6/7 J-2ply
Cubeless: 0.459 0.500 0.652
Center: 0.766
X: 0.809
O: 0.381

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
J-R6/7:	75.0 75.0 0.0 0.0 25.0 0.0 0.0

352 (-) cube?

BR: double/pass
JF: double/pass

RO: double/pass

J-R6 J-R6/7 J-2ply

Cubeless: 0.630 0.599 0.625

Center: 0.868

X: 0.891

O: 0.585

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	81.5	81.5	0.0	0.0	18.5	0.0	0.0
J-R6/7:	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

J-R6/7 J-2ply

11/6, 9/6: -0.398 -0.382

11/8, 9/4: -0.319* -0.345*

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
11/6, 9/6:	30.1	30.1	0.0	0.0	69.9	0.0	0.0
11/8, 9/4:	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

J-R6 J-R6/7 J-2ply

Cubeless: 0.507 0.517 0.487

Center: 0.756

X: 0.786

O: 0.459

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	75.4	75.4	0.0	0.0	24.5	0.1	0.0
J-R6/7:	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

J-R6 J-R6/7 J-2ply

Cubeless: 0.493 0.499 0.508

Center: 0.760

X: 0.800

O: 0.411

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	74.5	74.2	0.3	0.0	25.5	0.0	0.0
J-R6/7:	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

J-R6 J-R6/7 J-2ply

Cubeless: 0.469 0.457 0.395

Center: 0.525

X: 0.618

O: 0.374

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	73.7	73.5	0.2	0.0	25.6	0.7	0.0
J-R6/7:	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: 65994
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

J-R6 J-2ply

Cubeless: 0.722 0.000

Center: 0.722

X: 0.722

O: 0.722

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	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

J-R6 J-2ply

Cubeless: 0.572 0.575

Center: 0.766

X: 0.766

O: 0.572

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	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

J-R6 J-2ply

Cubeless: 0.512 0.575

Center: 0.772

X: 0.802

O: 0.477

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	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

J-R6 J-2ply

Cubeless: 0.441 0.568

Center: 0.734

X: 0.786

O: 0.369

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	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

J-R6 J-2ply

Cubeless: 0.343 0.252

Center: 0.225

X: 0.344

O: 0.225

X-Wins	X-Sgls	X-Gams	X-Bgs	O-Sgls	O-Gams	O-Bgs	
J-R6:	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

J-R6 J-2ply

Cubeless: 0.343 0.252

Center: 0.225

Jellyfish on Robertie

30 of 3

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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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: 0.493 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: 0.397 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

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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
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
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
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
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: 50.1 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

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JF: 5/2

J-R6/7 J-2ply
0.694 0.673
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
0.773 0.700
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
0.723 0.702
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
0.884 0.845*
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
0.742* 0.733*
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
X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 51.2 51.2 0.0 0.0 48.8 0.0 0.0

400a (-) cube?

BR: nodouble/take
JP: nodouble/take
RO: nodouble/take

J-R6 J-2ply
Cubeless: 0.095 0.228
Center: 0.117
X: 0.192
O: 0.017

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

400b (-) cube?

BR: double/take
JP: 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

X-Wins X-Sgls X-Gams X-Bgs O-Sgls O-Gams O-Bgs
J-R6: 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