

# Profiting from Machine Learning in the NBA Draft

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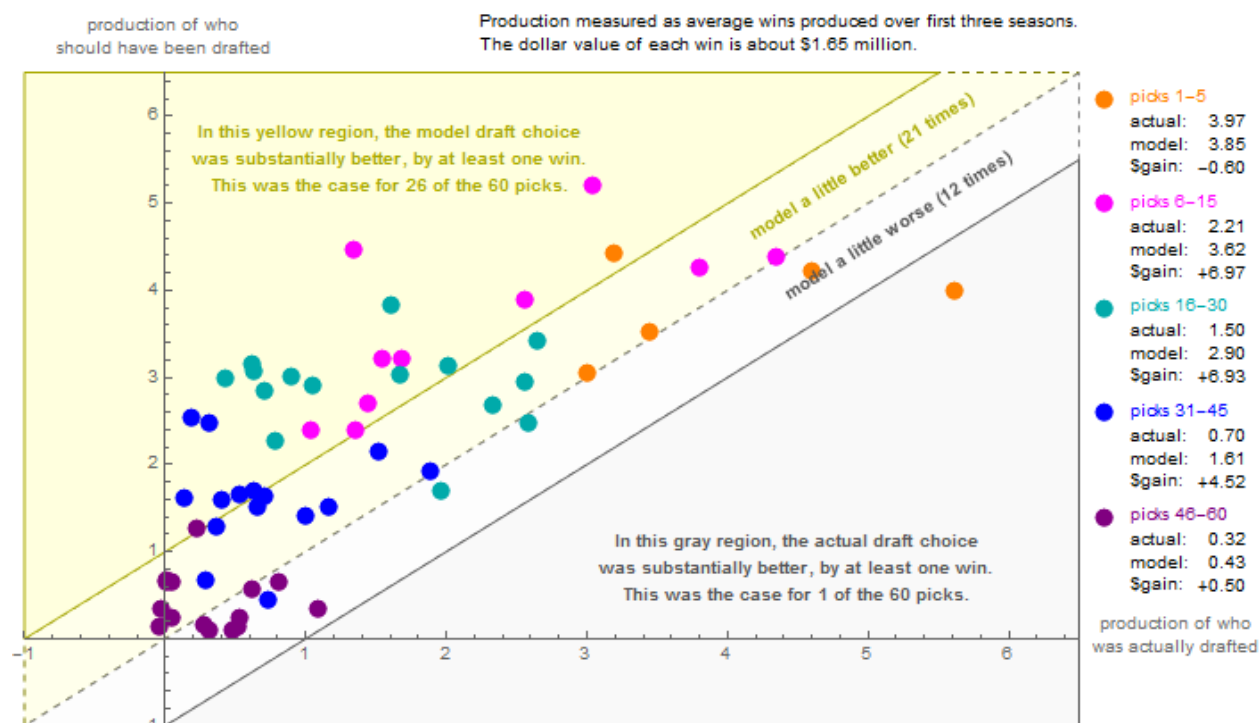
## Abstract

I project historical NCAA college basketball performance to subsequent NBA performance for prospects using modern machine learning techniques without snooping bias. I find that the projections would have helped improve the drafting decisions of virtually every team: over the past ten years, teams forfeited an average of about \$90,000,000 in lost productivity that could have been theirs had they followed the recommendations of the model. I provide team-by-team breakdowns of who should have been drafted instead, as well as team summaries of lost profit, and draft order comparison. Far from being just another input in making decisions, when used properly, advanced draft analytics can effectively be an additional revenue source in a team's business model.

## Draft Order Comparison

The figure below shows how the model choices performed (y-axis) relative to the actual draft choices made by teams (x-axis). Performance is measured as the average Wins Produced in a player's first three years. For the very top picks (1 through 5) and the very bottom picks (46 through 60), the actual choices performed about as well as the model choices. However, for all other draft picks, the model would have generated far more production than the actual draft choices. For example, for picks 6 through 15, the model choices would have produced an extra 1.41 wins per year, or as discussed below, the equivalent of \$6.97 million in value over three years. The results here are conservative because the model only evaluates NCAA players while actual choices often drafted foreign or high school players. Despite this informational handicap, the model still substantially outperformed overall.

## Draft Model Performance 2003–2013 of All Picks



## Team Summaries of Lost Profit

The table below lists for each team the number of draft choices that team made over the period, the average subsequent NBA production in wins per year for the drafted player's first three years, the average subsequent NBA production that they could have had instead if they had chosen in line with the model, and the excess production of the model. Finally, the total gains from the model are calculated as the excess average annual win production, multiplied by three years, multiplied by the total number of picks, and the value of a win, calculated in the standard manner of wagesofwins.com.

Thirteen teams could have had additional production worth more than \$100,000,000 over the past ten years had they drafted in line with the model instead of the choices they actually made. An additional ten teams missed out on at least \$50,000,000 in production, and five more missed out on less extreme gains. A total of 28 out of the 30 NBA teams essentially gave up money that they could have had if they drafted according to the model. The two exceptions were the New Orleans Pelicans and the Chicago Bulls. Note however that all of the model draft choices in the table below and throughout this paper assume for clarity that the model chooses the best available player, regardless of where that player would otherwise likely end up. When the model is extended to account for optionality in the draft, even the Pelicans and Bulls post losses.

	Team	Total Picks	Actual Choice Avg. Production	Model Choice Avg. Production	Model – Actual Avg. Production	↓ \$ Gains from Model (total lost profits)
1	MEM	24	0.90	2.77	1.87	\$222,543,828
2	GOS	24	1.25	2.87	1.62	\$192,313,240
3	TOR	18	1.34	3.49	2.15	\$191,670,517
4	PHX	17	0.26	2.51	2.25	\$189,096,273
5	POR	31	1.29	2.45	1.17	\$178,938,671
6	MIN	29	0.78	1.83	1.05	\$150,380,794
7	CHA	17	2.00	3.57	1.57	\$132,130,990
8	UTH	26	1.36	2.31	0.96	\$122,928,723
9	DAL	16	0.86	2.39	1.53	\$120,796,314
10	DET	29	1.31	2.09	0.78	\$111,776,727
11	BRK	22	1.06	2.08	1.02	\$110,759,042
12	OKC	32	1.32	2.02	0.70	\$110,630,508
13	ATL	23	1.52	2.40	0.88	\$100,382,913
14	CLE	21	1.43	2.34	0.91	\$94,464,151
15	WAS	20	1.07	1.93	0.86	\$84,995,523
16	IND	17	1.59	2.49	0.90	\$75,796,934
17	SAN	23	0.95	1.61	0.66	\$75,248,252
18	ORL	21	1.49	2.20	0.71	\$74,074,801
19	LAC	19	1.28	2.02	0.74	\$69,224,715
20	SAC	19	1.28	1.99	0.71	\$66,847,494
21	LAL	22	0.54	1.15	0.61	\$66,754,122
22	PHL	21	1.93	2.51	0.57	\$59,744,091
23	DEN	15	1.38	2.15	0.77	\$57,246,794
24	MIL	21	1.85	2.25	0.40	\$41,538,720
25	BOS	27	1.34	1.65	0.31	\$41,317,633
26	HOU	24	1.23	1.56	0.33	\$39,591,529
27	MIA	17	0.75	0.99	0.24	\$20,607,428
28	NYK	22	1.84	1.88	0.04	\$4,542,075
29	NOP	20	2.12	1.96	-0.17	-\$16,645,712
30	CHI	20	2.95	2.09	-0.86	-\$85,529,837

## Who Each Team Should Have Drafted

The remaining tables report the draft picks each team made in the period, their subsequent average annual wins produced over their first three years in the league, and who the model choice would have been, and the model choice's subsequent production. The model choice for each draft pick comes from among those remaining players who would have been available at the time.

## Discussion and Conclusions

A historically calibrated draft projection model using modern machine learning techniques is able to substantially outperform actual draft choices made by NBA teams over an extended period of time.

While the draft model is superior overall, it performs approximately equally to the actual choices for the top five draft picks. This may be due to one of three possibilities: one, teams may be incorporating analysis only when they have a top-five pick; two, the overall general scrutiny of the top prospects generates a de facto consensus which teams essentially mimic; or three, the result is primarily due to LeBron James and Dwight Howard, two consecutive #1 overall draft picks who were incredibly productive but who came straight from high school and therefore did not have college statistics available to the draft projection model. This third explanation has some empirical support, as the overall #1 pick is the only pick which outperformed the model by more than one win per year.

The model is also essentially equivalent to actual choices for the bottom fifteen draft picks, the last picks of the second round. These players are signed to unguaranteed deals and often do not play at all, resulting in many zeros.

Virtually all teams would have benefited from this draft projection model. Had teams drafted according to this model, they could have received dozens or hundreds of millions of dollars' worth of additional on-court production. Note, however, that the numbers have been calculated in a partial equilibrium approach, i.e. assuming that all other teams continue their standard approach. In other words, if all teams adopt more advanced draft analytics similar to the model here, they will not all reap all of the possible gains, because the productive players would no longer be available. Thus, the value in this draft model will be concentrated in the team that employs it.

Far from being merely another piece to consider, advanced draft analytics can effectively be a revenue source when used properly.

## Data, Methodology, References, Acknowledgments, and Extensions

NCAA data scraped from various public websites. NBA Wins Produced numbers courtesy of David Berri of [wagesofwins.com](http://wagesofwins.com) and, for 2014, from [boxscoregeeks.com](http://boxscoregeeks.com). For an explanation of why a win is worth about \$1.65 million, see for example <http://wagesofwins.com/2014/02/04/buying-wins-in-the-nba>. The methodology used a custom machine learning method modified so as not to overfit the data; in other words, these draft choices would have indeed effectively been available to the teams. The model can be modified or extended to project an alternative measure of production for a team that evaluates players based on different metrics rather than Wins Produced, and to include high school and foreign players for whom sufficiently detailed historical stats are available. More generally, it is important to recognize that the negative impact from suboptimal drafting choices can quickly tally in the many of millions of dollars annually.

**ATL**

Year	Pick	Actual Choice
2003	21	Boris Diaw
2003	34	Sofoklis Schortsanitis
2003	37	Travis Hansen
2004	6	Josh Childress
2004	17	Josh Smith
2004	34	Donta Smith
2004	37	Royal Ivey
2005	2	Marvin Williams
2005	31	Salim Stoudamire
2006	5	Shelden Williams
2006	33	Solomon Jones
2007	3	Al Horford
2007	11	Acie Law
2009	19	Jeff Teague
2009	49	Sergii Gladyr
2010	27	Jordan Crawford
2010	53	Pape Sy
2011	48	Keith Benson
2012	23	John Jenkins
2012	43	Mike Scott
2013	16	Lucas Nogueira
2013	17	Dennis Schroder
2013	44	Mike Muscala

Actual	Model	Model Choice
1.52	2.40	
4.63	7.05	Josh Howard (29)
0	3.65	Kyle Korver (51)
0.05	0.28	Brandon Hunter (56)
10.25	12.71	Andre Iguodala (9)
6.10	2.86	Jameer Nelson (20)
0.27	6.50	Chris Duhon (38)
-0.17	3.42	Trevor Ariza (43)
2.87	0.87	Sean May (13)
-0.92	1.09	Lawrence Roberts (55)
1.28	1.28	Shelden Williams (5)
0.54	0.08	P.J. Tucker (35)
8.35	3.87	Mike Conley (4)
-0.30	0.85	Josh McRoberts (37)
2.84	5.39	DeJuan Blair (37)
0	-0.13	Lester Hudson (58)
-0.39	0.13	Hassan Whiteside (33)
-0.00	0.54	Manny Harris (n/a)
0.01	0.01	Keith Benson (48)
0.99	3.55	Draymond Green (35)
0.47	0.13	Kevin Jones (n/a)
0	-0.50	Shane Larkin (18)
-1.60	1.90	Jeff Withey (39)
-0.30	-0.30	Mike Muscala (44)

**BOS**

Year	Pick	Actual Choice
2003	13	Marcus Banks
2003	27	Kendrick Perkins
2003	56	Brandon Hunter
2004	15	Al Jefferson
2004	24	Delonte West
2004	25	Tony Allen
2004	40	Justin Reed
2005	18	Gerald Green
2005	50	Ryan Gomes
2005	53	Orien Greene
2006	21	Rajon Rondo
2006	49	Leon Powe
2007	32	Gabe Pruitt
2007	35	Glen Davis
2008	30	J.R. Giddens
2008	47	Bill Walker
2008	60	Semih Erden
2009	58	Lester Hudson
2010	19	Avery Bradley
2010	52	Luke Harangody
2011	27	JaJuan Johnson
2011	55	E'Twaun Moore
2012	21	Jared Sullinger
2012	22	Fab Melo
2012	51	Kris Joseph
2013	13	Kelly Olynyk
2013	53	Colton Iverson

Actual	Model	Model Choice
1.34	1.65	
0.53	3.53	David West (18)
1.67	7.05	Josh Howard (29)
0.28	0.28	Brandon Hunter (56)
4.28	2.86	Jameer Nelson (20)
4.94	3.06	Tony Allen (25)
3.06	6.50	Chris Duhon (38)
-0.74	3.42	Trevor Ariza (43)
-0.68	1.26	Nate Robinson (21)
4.40	1.09	Lawrence Roberts (55)
-0.13	0.60	Dwayne Jones (n/a)
9.96	0.08	P.J. Tucker (35)
4.01	0.50	Hassan Adams (54)
0.03	0.85	Josh McRoberts (37)
0.36	0.23	Stephane Lasme (46)
0.09	3.75	Mario Chalmers (34)
0.46	2.13	Reggie Williams (n/a)
-0.06	0.03	Trey Gilder (n/a)
-0.13	-0.13	Lester Hudson (58)
0.73	0.13	Hassan Whiteside (33)
0.06	0.06	Luke Harangody (52)
-0.16	2.59	Kyle Singler (33)
0.47	0.36	Julyan Stone (n/a)
1.67	1.67	Jared Sullinger (21)
-0.05	3.55	Draymond Green (35)
-0.11	0.13	Kevin Jones (n/a)
1.20	-0.50	Shane Larkin (18)
0	-0.60	Brandon Davies (n/a)

**BRK**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	22	Zoran Planinic	1.06	2.08	
2004	51	Christian Drejer	0.10	7.05	Josh Howard (29)
2005	15	Antoine Wright	0	0.01	Tony Bobbitt (n/a)
2005	43	Mile Ilic	0.09	5.84	Danny Granger (17)
2006	22	Marcus D. Williams	-0.07	1.09	Lawrence Roberts (55)
2006	23	Josh Boone	0.00	0.08	P.J. Tucker (35)
2006	54	Hassan Adams	3.79	7.58	Paul Millsap (47)
2006	56	Edin Bavecic	0.50	0.50	Hassan Adams (54)
2007	17	Sean Williams	0	-0.02	Mike Hall (n/a)
2008	10	Brook Lopez	0.56	0.85	Josh McRoberts (37)
2008	21	Ryan Anderson	3.62	3.75	Mario Chalmers (34)
2008	40	Chris Douglas-Roberts	3.69	2.13	Reggie Williams (n/a)
2009	11	Terrence Williams	0.85	0.03	Trey Gilder (n/a)
2010	3	Derrick Favors	-0.34	5.39	DeJuan Blair (37)
2010	24	Damion James	3.56	3.56	Derrick Favors (3)
2011	25	MarShon Brooks	0.28	0.13	Hassan Whiteside (33)
2011	31	Bojan Bogdanovic	1.04	2.59	Kyle Singler (33)
2011	36	Jordan Williams	0	0.01	Keith Benson (48)
2012	41	Tyshawn Taylor	0.46	0.36	Julyan Stone (n/a)
2012	54	Tornike Shengelia	-0.99	0.13	Kevin Jones (n/a)
2012	57	Ilkan Karaman	-0.07	0.75	Robbie Hummel (58)
2013	22	Mason Plumlee	0	1.95	Hollis Thompson (n/a)
			6.20	1.90	Jeff Withey (39)

**CHA**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2004	2	Emeka Okafor	2.00	3.57	
2004	45	Bernard Robinson	6.06	12.71	Andre Iguodala (9)
2005	5	Raymond Felton	0.90	0.01	Tony Bobbitt (n/a)
2005	13	Sean May	3.81	0.87	Sean May (13)
2006	3	Adam Morrison	0.87	5.84	Danny Granger (17)
2006	50	Ryan Hollins	-2.41	1.28	Shelden Williams (5)
2007	22	Jared Dudley	-0.01	0.50	Hassan Adams (54)
2007	36	Jermareo Davidson	3.91	0.85	Josh McRoberts (37)
2008	9	D.J. Augustin	-0.21	0.23	Stephane Lasme (46)
2008	20	Alexis Ajinca	3.43	3.75	Mario Chalmers (34)
2009	12	Gerald Henderson	-0.55	2.13	Reggie Williams (n/a)
2009	40	Derrick Brown	1.79	5.39	DeJuan Blair (37)
2011	7	Bismack Biyombo	1.86	-0.13	Lester Hudson (58)
2011	9	Kemba Walker	3.70	8.94	Kenneth Faried (22)
2012	2	Michael Kidd-Gilchrist	3.48	9.59	Kawhi Leonard (15)
2012	31	Jeffery Taylor	5.12	5.12	Michael Kidd-Gilchrist (2)
2013	4	Cody Zeller	0.00	3.55	Draymond Green (35)
			2.20	0	Nerlens Noel (6)

**CHI**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	7	Kirk Hinrich	2.95	2.09	
2003	53	Tommy Smith	7.10	2.23	T.J. Ford (8)
2004	3	Ben Gordon	0	0.28	Brandon Hunter (56)
2004	7	Luol Deng	1.62	12.71	Andre Iguodala (9)
2004	38	Chris Duhon	8.69	2.86	Jameer Nelson (20)
2006	4	Tyrus Thomas	6.50	6.50	Chris Duhon (38)
2006	13	Thabo Sefolosha	3.55	1.28	Shelden Williams (5)
2006	48	Vladimir Veremeenko	2.02	0.08	P.J. Tucker (35)
2007	9	Joakim Noah	0	0.50	Hassan Adams (54)
2007	49	Aaron Gray	7.62	0.85	Josh McRoberts (37)
2007	51	JamesOn Curry	0.12	-0.07	Taurean Green (52)
2008	1	Derrick Rose	0.00	-0.06	Trey Johnson (n/a)
2008	36	Omer Asik	6.99	-0.29	Michael Beasley (2)
2009	16	James Johnson	1.07	2.13	Reggie Williams (n/a)
2009	26	Taj Gibson	0.85	5.39	DeJuan Blair (37)
2011	23	Nikola Mirotic	5.26	-0.13	Lester Hudson (58)
2011	30	Jimmy Butler	0	2.59	Kyle Singler (33)
2012	29	Marquis Teague	7.31	0.01	Keith Benson (48)
2013	20	Tony Snell	-0.99	3.55	Draymond Green (35)
2013	49	Erik Murphy	1.60	1.90	Jeff Withey (39)
			-0.30	-0.60	Brandon Davies (n/a)



**CLE**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	1	LeBron James	11.79	1.18	Carmelo Anthony (3)
2003	31	Jason Kapono	-0.90	3.65	Kyle Korver (51)
2004	10	Luke Jackson	-0.17	2.86	Jameer Nelson (20)
2004	30	Anderson Varejao	4.92	6.50	Chris Duhon (38)
2005	44	Martynas Andriuskevicius	0.03	1.09	Lawrence Roberts (55)
2006	25	Shannon Brown	-0.35	0.08	P.J. Tucker (35)
2006	42	Daniel Gibson	2.39	7.58	Paul Millsap (47)
2006	55	Ejike Ugboaja	0	-0.02	Mike Hall (n/a)
2008	19	J.J. Hickson	1.84	3.75	Mario Chalmers (34)
2008	52	Darnell Jackson	-0.07	2.13	Reggie Williams (n/a)
2008	56	Sasha Kaun	0	0.03	Trey Gilder (n/a)
2009	30	Christian Eyenga	-0.13	5.39	DeJuan Blair (37)
2009	46	Danny Green	2.27	-0.13	Lester Hudson (58)
2011	1	Kyrie Irving	4.53	1.47	Derrick Williams (2)
2011	4	Tristan Thompson	5.67	8.94	Kenneth Faried (22)
2011	54	Milan Macvan	0	0.36	Julyan Stone (n/a)
2012	4	Dion Waiters	-0.53	1.03	Thomas Robinson (5)
2012	17	Tyler Zeller	0.90	1.67	Jared Sullinger (21)
2013	1	Anthony Bennett	-1.70	0	Nerlens Noel (6)
2013	19	Sergey Karasev	-0.40	1.90	Jeff Withey (39)
2013	33	Carrick Felix	0.00	-0.30	Mike Muscala (44)

**DAL**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	29	Josh Howard	7.05	7.05	Josh Howard (29)
2004	5	Devin Harris	4.03	12.71	Andre Iguodala (9)
2004	21	Pavel Podkolzin	-0.04	3.06	Tony Allen (25)
2006	28	Maurice Ager	-0.72	0.08	P.J. Tucker (35)
2007	30	Petteri Koponen	0	0.85	Josh McRoberts (37)
2007	34	Nick Fazekas	0.00	0.00	Nick Fazekas (34)
2007	44	Reyshawn Terry	0	0.23	Stephane Lasme (46)
2007	50	Renaldas Seibutis	0	-0.07	Taurean Green (52)
2008	53	Tadija Dragicevic	0	2.13	Reggie Williams (n/a)
2009	25	Rodrigue Beaubois	1.03	5.39	DeJuan Blair (37)
2010	25	Dominique Jones	0.22	0.13	Hassan Whiteside (33)
2012	24	Jared Cunningham	-0.06	3.55	Draymond Green (35)
2012	33	Bernard James	0.73	2.20	Jae Crowder (34)
2012	34	Jae Crowder	2.20	1.72	Quincy Acy (37)
2013	18	Shane Larkin	-0.50	-0.50	Shane Larkin (18)
2013	43	Ricky Ledo	-0.10	-0.30	Mike Muscala (44)

**DEN**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	3	Carmelo Anthony	1.18	1.18	Carmelo Anthony (3)
2003	46	Sani Becirovic	0	3.65	Kyle Korver (51)
2003	57	Yuyang Xue	0	4.52	Marquis Daniels (n/a)
2005	20	Julius Hodge	-0.04	1.26	Nate Robinson (21)
2005	27	Linas Kleiza	1.31	1.09	Lawrence Roberts (55)
2008	39	Sonny Weems	0.44	2.13	Reggie Williams (n/a)
2009	18	Ty Lawson	7.44	5.39	DeJuan Blair (37)
2011	22	Kenneth Faried	8.94	8.94	Kenneth Faried (22)
2011	26	Jordan Hamilton	1.06	2.59	Kyle Singler (33)
2011	56	Chu Chu Maduabum	0	0.36	Julyan Stone (n/a)
2012	20	Evan Fournier	0.38	1.67	Jared Sullinger (21)
2012	38	Quincy Miller	-0.07	0.41	Will Barton (40)
2012	50	Izzet Turkyilmaz	0	0.13	Kevin Jones (n/a)
2013	46	Erick Green	0	-0.60	Brandon Davies (n/a)
2013	55	Joffrey Lauvergne	0	-0.50	Peyton Siva (56)

**DET**

Year	Pick	Actual Choice
2003	2	Darko Milicic
2003	25	Carlos Delfino
2003	58	Andreas Glyniadakis
2004	54	Ricky Paulding
2005	26	Jason Maxiell
2005	56	Amir Johnson
2005	60	Alex Acker
2006	51	Cheickh Samb
2006	60	Will Blalock
2007	15	Rodney Stuckey
2007	27	Arron Afflalo
2007	57	Sammy Mejia
2008	32	Walter Sharpe
2008	46	Trent Plaisted
2008	59	Deron Washington
2009	15	Austin Daye
2009	35	DaJuan Summers
2009	39	Jonas Jerebko
2010	7	Greg Monroe
2010	36	Terrico White
2011	8	Brandon Knight
2011	33	Kyle Singler
2011	52	Vernon Macklin
2012	9	Andre Drummond
2012	39	Khris Middleton
2012	44	Kim English
2013	8	Kentavious Caldwell-Pope
2013	37	Tony Mitchell
2013	56	Peyton Siva

Actual	Model	Model Choice
1.31	2.09	
-0.60	1.18	Carmelo Anthony (3)
0.39	7.05	Josh Howard (29)
0	4.52	Marquis Daniels (n/a)
0	0.01	Tony Bobbitt (n/a)
3.05	1.09	Lawrence Roberts (55)
1.85	0.60	Dwayne Jones (n/a)
-0.10	0.11	Eddie Basden (n/a)
0.00	0.50	Hassan Adams (54)
-0.01	-0.02	Mike Hall (n/a)
1.72	0.85	Josh McRoberts (37)
2.97	0.00	Nick Fazekas (34)
0	-0.06	Trey Johnson (n/a)
-0.05	3.75	Mario Chalmers (34)
0	2.13	Reggie Williams (n/a)
0	0.03	Trey Gilder (n/a)
0.35	5.39	DeJuan Blair (37)
-0.82	-0.13	Lester Hudson (58)
3.06	0	Nick Calathes (45)
7.47	7.47	Greg Monroe (7)
0	-0.07	Jarvis Varnado (41)
0.27	8.94	Kenneth Faried (22)
2.59	2.59	Kyle Singler (33)
0.24	0.36	Julyan Stone (n/a)
13.05	13.05	Andre Drummond (9)
1.14	0.41	Will Barton (40)
0.03	0.13	Kevin Jones (n/a)
1.40	-0.50	Shane Larkin (18)
0.60	1.90	Jeff Withey (39)
-0.50	-0.60	Brandon Davies (n/a)

**GOS**

Year	Pick	Actual Choice
2003	11	Mickael Pietrus
2003	40	Derrick Zimmerman
2004	11	Andris Biedrins
2004	55	Luis Flores
2005	9	Ike Diogu
2005	40	Monta Ellis
2005	42	Chris Taft
2006	9	Patrick O'Bryant
2006	38	Kosta Perovic
2007	8	Brandan Wright
2007	18	Marco Belinelli
2007	46	Stephane Lasme
2008	14	Anthony Randolph
2008	49	Richard Hendrix
2009	7	Stephen Curry
2010	6	Ekpe Udoh
2011	11	Klay Thompson
2011	39	Jeremy Tyler
2011	44	Charles Jenkins
2012	7	Harrison Barnes
2012	30	Festus Ezeli
2012	35	Draymond Green
2012	52	Ognjen Kuzmic
2013	30	Nemanja Nedovic

Actual	Model	Model Choice
1.25	2.87	
0.88	2.29	Nick Collison (12)
0.02	3.65	Kyle Korver (51)
5.17	2.86	Jameer Nelson (20)
-0.07	0.01	Tony Bobbitt (n/a)
0.72	0.87	Sean May (13)
5.47	1.09	Lawrence Roberts (55)
0.19	0.60	Dwayne Jones (n/a)
-0.17	0.08	P.J. Tucker (35)
0.00	7.58	Paul Millsap (47)
1.35	0.85	Josh McRoberts (37)
0.40	0.00	Nick Fazekas (34)
0.23	0.23	Stephane Lasme (46)
1.28	3.75	Mario Chalmers (34)
0	2.13	Reggie Williams (n/a)
5.75	5.75	Stephen Curry (7)
0.95	7.47	Greg Monroe (7)
2.30	8.94	Kenneth Faried (22)
-0.59	0.01	Keith Benson (48)
0.00	0.36	Julyan Stone (n/a)
2.29	13.05	Andre Drummond (9)
0.99	3.55	Draymond Green (35)
3.55	1.72	Quincy Acy (37)
0.00	0.13	Kevin Jones (n/a)
-0.70	1.90	Jeff Withey (39)

**HOU**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2004	50	Vassilis Spanoulis	-0.21	0.01	Tony Bobbitt (n/a)
2005	24	Luther Head	5.20	1.09	Lawrence Roberts (55)
2005	52	Axel Hervelle	0	0.60	Dwayne Jones (n/a)
2006	32	Steve Novak	0.66	0.08	P.J. Tucker (35)
2007	26	Aaron Brooks	1.40	0.85	Josh McRoberts (37)
2007	31	Carl Landry	4.17	0.00	Nick Fazekas (34)
2007	54	Brad Newley	0	-0.06	Trey Johnson (n/a)
2008	28	Donte Greene	-0.32	3.75	Mario Chalmers (34)
2008	33	Joey Dorsey	0.67	2.13	Reggie Williams (n/a)
2008	54	Maarty Leunen	0	0.03	Trey Gilder (n/a)
2009	32	Jermaine Taylor	0.08	5.39	DeJuan Blair (37)
2009	34	Sergio Llull	0	-0.13	Lester Hudson (58)
2009	44	Chase Budinger	3.22	0	Nick Calathes (45)
2010	14	Patrick Patterson	1.50	3.01	Larry Sanders (15)
2011	14	Marcus Morris	1.03	8.94	Kenneth Faried (22)
2011	20	Donatas Motiejunas	-0.49	2.59	Kyle Singler (33)
2011	38	Chandler Parsons	6.84	0.01	Keith Benson (48)
2011	51	Jon Diebler	0	0.36	Julyan Stone (n/a)
2012	12	Jeremy Lamb	1.21	1.67	Jared Sullinger (21)
2012	16	Royce White	-0.05	3.55	Draymond Green (35)
2012	18	Terrence Jones	4.89	2.20	Jae Crowder (34)
2012	48	Kostas Papanikolaou	0	0.13	Kevin Jones (n/a)
2013	34	Isaiah Canaan	-0.30	1.90	Jeff Withey (39)
2013	45	Marko Todorovic	0	-0.60	Brandon Davies (n/a)

**IND**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	49	James Jones	1.88	3.65	Kyle Korver (51)
2004	29	David Harrison	-0.00	6.50	Chris Duhon (38)
2004	59	Rashad Wright	0	0.01	Tony Bobbitt (n/a)
2005	17	Danny Granger	5.84	5.84	Danny Granger (17)
2006	17	Shawne Williams	0.13	0.08	P.J. Tucker (35)
2006	31	James White	0.08	7.58	Paul Millsap (47)
2007	39	Stanko Barac	0	0.23	Stephane Lasme (46)
2008	13	Brandon Rush	3.55	3.75	Mario Chalmers (34)
2008	17	Roy Hibbert	0.44	2.13	Reggie Williams (n/a)
2009	13	Tyler Hansbrough	0.82	5.39	DeJuan Blair (37)
2009	52	A.J. Price	0.35	-0.13	Lester Hudson (58)
2010	10	Paul George	7.13	0.22	Cole Aldrich (11)
2010	40	Lance Stephenson	2.73	-0.07	Jarvis Varnado (41)
2010	51	Magnum Rolle	0	0.06	Luke Harangody (52)
2012	26	Miles Plumlee	2.54	3.55	Draymond Green (35)
2012	36	Orlando Johnson	1.00	1.72	Quincy Acy (37)
2013	23	Solomon Hill	0.60	1.90	Jeff Withey (39)



**LAC**

Year	Pick	Actual Choice
2003	6	Chris Kaman
2004	4	Shaun Livingston
2004	33	Lionel Chalmers
2005	12	Yaroslav Korolev
2005	32	Daniel Ewing
2005	59	Cenk Akyol
2006	34	Paul Davis
2006	52	Guillermo Diaz
2007	14	Al Thornton
2008	7	Eric Gordon
2008	35	DeAndre Jordan
2008	55	Mike Taylor
2009	1	Blake Griffin
2010	8	Al-Farouq Aminu
2010	18	Eric Bledsoe
2010	54	Willie Warren
2011	37	Trey Thompson
2011	47	Travis Leslie
2013	25	Reggie Bullock

Actual	Model	Model Choice
1.28	2.02	
2.51	2.23	T.J. Ford (8)
2.27	12.71	Andre Iguodala (9)
-0.24	6.50	Chris Duhon (38)
-0.09	0.87	Sean May (13)
0.36	1.09	Lawrence Roberts (55)
0	0.60	Dwayne Jones (n/a)
-0.14	0.08	P.J. Tucker (35)
0.01	0.50	Hassan Adams (54)
-1.16	0.85	Josh McRoberts (37)
4.58	3.75	Mario Chalmers (34)
4.13	2.13	Reggie Williams (n/a)
-0.38	0.03	Trey Gilder (n/a)
5.82	3.91	Tyreke Evans (4)
4.28	0.22	Cole Aldrich (11)
2.60	0.13	Hassan Whiteside (33)
0.06	0.54	Manny Harris (n/a)
-0.11	0.01	Keith Benson (48)
0.04	0.36	Julyan Stone (n/a)
-0.10	1.90	Jeff Withey (39)

**LAL**

Year	Pick	Actual Choice
2003	24	Brian Cook
2003	32	Luke Walton
2004	27	Sasha Vujacic
2004	49	Sergei Lishouk
2004	56	Marcus Douthit
2005	10	Andrew Bynum
2005	37	Ronny Turiaf
2005	39	Von Wafer
2006	26	Jordan Farmar
2006	58	J.R. Pinnock
2007	19	Javaris Crittenton
2007	40	Yue Sun
2008	58	Joe Crawford
2009	59	Chinemelu Elonu
2010	43	Devin Ebanks
2010	58	Derrick Caracter
2011	41	Darius Morris
2011	46	Andrew Goudelock
2011	58	Ater Majok
2012	55	Darius Johnson-Odom
2012	60	Robert Sacre
2013	48	Ryan Kelly

Actual	Model	Model Choice
0.54	1.15	
1.22	7.05	Josh Howard (29)
2.87	3.65	Kyle Korver (51)
1.39	6.50	Chris Duhon (38)
0	0.01	Tony Bobbitt (n/a)
0	-0.11	Andre Barrett (n/a)
3.59	0.87	Sean May (13)
2.00	1.09	Lawrence Roberts (55)
-0.48	0.60	Dwayne Jones (n/a)
1.81	0.08	P.J. Tucker (35)
0	-0.02	Mike Hall (n/a)
-0.05	0.85	Josh McRoberts (37)
0.00	0.23	Stephane Lasme (46)
-0.00	2.13	Reggie Williams (n/a)
0	-0.08	Cedric Jackson (n/a)
0.04	0.14	Jerome Jordan (44)
-0.08	0.54	Manny Harris (n/a)
-0.23	0.01	Keith Benson (48)
-0.26	0.36	Julyan Stone (n/a)
0	0.02	Malcolm Thomas (n/a)
-0.18	0.13	Kevin Jones (n/a)
-0.42	1.95	Hollis Thompson (n/a)
0.70	-0.60	Brandon Davies (n/a)

**MEM**

Year	Pick	Actual Choice
2003	16	Troy Bell
2003	20	Dahntay Jones
2003	44	Malick Badiane
2004	35	Andre Emmett
2004	36	Antonio Burks
2005	19	Hakim Warrick
2005	55	Lawrence Roberts
2006	8	Rudy Gay
2006	24	Kyle Lowry
2006	45	Alexander Johnson
2007	4	Mike Conley
2007	48	Marc Gasol
2008	3	O.J. Mayo
2008	27	Darrell Arthur
2009	2	Hasheem Thabeet
2009	27	DeMarre Carroll
2009	36	Sam Young
2009	45	Nick Calathes
2010	12	Xavier Henry
2010	28	Greivis Vasquez
2011	49	Josh Selby
2012	25	Tony Wroten
2013	41	Jamaal Franklin
2013	60	Janis Timma

Actual	Model	Model Choice
0.90	2.77	
-0.14	3.53	David West (18)
-0.03	7.05	Josh Howard (29)
0	3.65	Kyle Korver (51)
-0.03	6.50	Chris Duhon (38)
-0.18	-0.18	Antonio Burks (36)
1.04	1.26	Nate Robinson (21)
1.09	1.09	Lawrence Roberts (55)
1.72	1.72	Rudy Gay (8)
2.54	0.08	P.J. Tucker (35)
0.06	7.58	Paul Millsap (47)
3.87	3.87	Mike Conley (4)
4.95	-0.07	Taurean Green (52)
3.39	11.35	Kevin Love (5)
0.80	3.75	Mario Chalmers (34)
0.72	3.91	Tyreke Evans (4)
0.09	5.39	DeJuan Blair (37)
1.07	-0.13	Lester Hudson (58)
0	0	Nick Calathes (45)
-0.32	3.01	Larry Sanders (15)
2.92	0.13	Hassan Whiteside (33)
-0.42	0.36	Julyan Stone (n/a)
-1.51	3.55	Draymond Green (35)
-0.10	-0.30	Mike Muscala (44)
0	-0.60	Brandon Davies (n/a)

**MIA**

Year	Pick	Actual Choice
2003	5	Dwyane Wade
2003	33	Jerome Beasley
2004	19	Dorell Wright
2004	53	Matt Freije
2005	29	Wayne Simien
2005	35	Ricky Sanchez
2007	21	Daequan Cook
2008	2	Michael Beasley
2008	34	Mario Chalmers
2009	42	Patrick Beverley
2009	60	Robert Dozier
2010	32	Dexter Pittman
2010	41	Jarvis Varnado
2010	42	Da'Sean Butler
2011	28	Norris Cole
2012	45	Justin Hamilton
2013	50	James Ennis

Actual	Model	Model Choice
0.75	0.99	
10.74	2.23	T.J. Ford (8)
-0.01	3.65	Kyle Korver (51)
1.07	2.86	Jameer Nelson (20)
-0.58	0.01	Tony Bobbitt (n/a)
-0.01	1.09	Lawrence Roberts (55)
0	0.60	Dwayne Jones (n/a)
-0.42	0.85	Josh McRoberts (37)
-0.29	-0.29	Michael Beasley (2)
3.75	3.75	Mario Chalmers (34)
0	-0.13	Lester Hudson (58)
0	-0.08	Cedric Jackson (n/a)
-0.25	0.13	Hassan Whiteside (33)
-0.07	-0.07	Jarvis Varnado (41)
0	0.14	Jerome Jordan (44)
-1.23	2.59	Kyle Singler (33)
0.00	0.13	Kevin Jones (n/a)
0	-0.60	Brandon Davies (n/a)

**MIL**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	8	T.J. Ford	1.85	2.23	T.J. Ford (8)
2004	39	Albert Miralles	2.23	0	3.42 Trevor Ariza (43)
2005	1	Andrew Bogut	0	5.84	5.84 Andrew Bogut (1)
2005	36	Ersan Ilyasova	-0.30	1.09	1.09 Lawrence Roberts (55)
2006	39	David Noel	0.02	7.58	7.58 Paul Millsap (47)
2006	59	Damir Markota	-0.19	-0.02	-0.02 Mike Hall (n/a)
2007	6	Jianlian Yi	0.00	0.85	0.85 Josh McRoberts (37)
2007	56	Ramon Sessions	3.73	-0.06	-0.06 Trey Johnson (n/a)
2008	8	Joe Alexander	-0.07	3.75	3.75 Mario Chalmers (34)
2008	37	Luc Richard Mbah a Moute	6.70	2.13	2.13 Reggie Williams (n/a)
2009	10	Brandon Jennings	3.44	5.39	5.39 DeJuan Blair (37)
2009	41	Jodie Meeks	3.75	-0.13	-0.13 Lester Hudson (58)
2010	15	Larry Sanders	3.01	3.01	3.01 Larry Sanders (15)
2010	37	Darlington Hobson	-0.10	-0.07	-0.07 Jarvis Varnado (41)
2010	47	Tiny Gallon	0	0.06	0.06 Luke Harangody (52)
2011	19	Tobias Harris	1.73	8.94	8.94 Kenneth Faried (22)
2011	40	Jon Leuer	0.40	0.01	0.01 Keith Benson (48)
2012	14	John Henson	3.28	1.67	1.67 Jared Sullinger (21)
2012	42	Doron Lamb	-0.35	0.13	0.13 Kevin Jones (n/a)
2013	15	Giannis Antetokounmpo	3.80	-0.50	-0.50 Shane Larkin (18)
2013	38	Nate Wolters	1.90	1.90	1.90 Jeff Withey (39)

**MIN**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	26	Ndudi Ebi	0.78	1.83	7.05 Josh Howard (29)
2003	55	Rick Rickert	0.00	0.28	0.28 Brandon Hunter (56)
2004	58	Blake Stepp	0	0.01	0.01 Tony Bobbitt (n/a)
2005	14	Rashad McCants	-0.10	5.84	5.84 Danny Granger (17)
2005	47	Bracey Wright	0.20	1.09	1.09 Lawrence Roberts (55)
2006	7	Randy Foye	1.38	1.72	1.72 Rudy Gay (8)
2006	36	Craig Smith	3.41	7.58	7.58 Paul Millsap (47)
2006	44	Lior Eliyahu	0	0.03	0.03 Dee Brown (46)
2006	57	Loukas Mavrokefalidis	0	-0.02	-0.02 Mike Hall (n/a)
2007	7	Corey Brewer	-0.12	0.85	0.85 Josh McRoberts (37)
2007	41	Chris Richard	0.15	0.23	0.23 Stephane Lasme (46)
2008	5	Kevin Love	11.35	11.35	11.35 Kevin Love (5)
2008	31	Nikola Pekovic	-0.24	3.75	3.75 Mario Chalmers (34)
2009	5	Ricky Rubio	1.38	-0.94	-0.94 Jonny Flynn (6)
2009	6	Jonny Flynn	-0.94	5.75	5.75 Stephen Curry (7)
2009	28	Wayne Ellington	0.52	5.39	5.39 DeJuan Blair (37)
2009	47	Henk Norel	0	-0.13	-0.13 Lester Hudson (58)
2010	4	Wesley Johnson	0.29	0.38	0.38 DeMarcus Cousins (5)
2010	30	Lazar Hayward	-0.07	0.13	0.13 Hassan Whiteside (33)
2010	35	Nemanja Bjelica	0	-0.07	-0.07 Jarvis Varnado (41)
2010	45	Paulao Prestes	0	0.06	0.06 Luke Harangody (52)
2011	2	Derrick Williams	1.47	1.47	1.47 Derrick Williams (2)
2011	43	Malcolm Lee	0.32	0.01	0.01 Keith Benson (48)
2011	57	Tanguy Ndombo	0	0.36	0.36 Julyan Stone (n/a)
2012	58	Robbie Hummel	0.75	0.13	0.13 Kevin Jones (n/a)
2013	14	Shabazz Muhammad	0.10	-0.50	-0.50 Shane Larkin (18)
2013	21	Gorgui Dieng	3.40	1.90	1.90 Jeff Withey (39)
2013	52	Lorenzo Brown	-0.50	-0.60	-0.60 Brandon Davies (n/a)
2013	59	Bojan Dubljevic	0	0.00	0.00 Robert Covington (n/a)

**NOP**

Year	Pick	Actual Choice
2003	18	David West
2003	48	James Lang
2004	18	J.R. Smith
2004	44	Tim Pickett
2005	4	Chris Paul
2005	33	Brandon Bass
2006	12	Hilton Armstrong
2006	15	Cedric Simmons
2006	43	Marcus Vinicius
2007	13	Julian Wright
2007	43	Adam Haluska
2009	21	Darren Collison
2009	43	Marcus Thornton
2010	21	Craig Brackins
2010	26	Quincy Pondexter
2012	1	Anthony Davis
2012	10	Austin Rivers
2012	46	Darius Miller
2013	39	Jeff Withey
2013	42	Pierre Jackson

	2.12	1.96
Actual	Model	Model Choice
3.53	3.53	David West (18)
0	3.65	Kyle Korver (51)
0.64	2.86	Jameer Nelson (20)
0	0.01	Tony Bobbitt (n/a)
16.07	0.87	Sean May (13)
1.36	1.09	Lawrence Roberts (55)
-0.04	0.08	P.J. Tucker (35)
-0.22	7.58	Paul Millsap (47)
0.02	0.03	Dee Brown (46)
1.52	0.85	Josh McRoberts (37)
0	0.23	Stephane Lasme (46)
4.81	5.39	DeJuan Blair (37)
2.69	-0.13	Lester Hudson (58)
-0.25	0.13	Hassan Whiteside (33)
1.93	-0.07	Jarvis Varnado (41)
9.59	9.59	Anthony Davis (1)
-1.41	1.67	Jared Sullinger (21)
0.34	0.13	Kevin Jones (n/a)
1.90	1.90	Jeff Withey (39)
0	-0.30	Mike Muscala (44)

**NYK**

Year	Pick	Actual Choice
2003	9	Mike Sweetney
2003	30	Maciej Lampe
2003	39	Slavko Vranes
2004	43	Trevor Ariza
2005	8	Channing Frye
2005	21	Nate Robinson
2005	30	David Lee
2006	20	Renaldo Balkman
2006	29	Mardy Collins
2007	23	Wilson Chandler
2007	45	Jared Jordan
2007	53	Demetris Nichols
2008	6	Danilo Gallinari
2009	8	Jordan Hill
2009	29	Toney Douglas
2009	56	Ahmad Nivins
2010	38	Andy Rautins
2010	39	Landry Fields
2010	44	Jerome Jordan
2011	17	Iman Shumpert
2011	45	Josh Harrellson
2013	24	Tim Hardaway Jr.

	1.84	1.88
Actual	Model	Model Choice
2.29	2.29	Mike Sweetney (9)
-0.38	3.65	Kyle Korver (51)
-0.02	0.28	Brandon Hunter (56)
3.42	3.42	Trevor Ariza (43)
0.01	0.87	Sean May (13)
1.26	1.26	Nate Robinson (21)
10.06	1.09	Lawrence Roberts (55)
4.50	0.08	P.J. Tucker (35)
-0.28	7.58	Paul Millsap (47)
1.82	0.85	Josh McRoberts (37)
0	0.23	Stephane Lasme (46)
-0.12	-0.06	Trey Johnson (n/a)
2.03	3.75	Mario Chalmers (34)
0.71	5.39	DeJuan Blair (37)
1.75	-0.13	Lester Hudson (58)
0	-0.08	Cedric Jackson (n/a)
-0.05	-0.07	Jarvis Varnado (41)
7.31	0.14	Jerome Jordan (44)
0.14	0.06	Luke Harangody (52)
3.48	8.94	Kenneth Faried (22)
0.72	0.01	Keith Benson (48)
1.90	1.90	Jeff Withey (39)

## OKC

Year	Pick	Actual	Choice	1.32 Actual	2.02 Model	Model Choice
2003	12	Nick	Collison	2.29	2.29	Nick Collison (12)
2003	14	Luke	Ridnour	4.87	3.53	David West (18)
2003	35	Szymon	Szewczyk	0	3.65	Kyle Korver (51)
2003	50	Pacelis	Morlende	0	0.28	Brandon Hunter (56)
2004	12	Robert	Swift	0.33	2.86	Jameer Nelson (20)
2004	41	David	Young	0	3.42	Trevor Ariza (43)
2005	25	Johan	Petro	-0.86	1.09	Lawrence Roberts (55)
2005	48	Mickael	Gelabale	0.68	0.60	Dwayne Jones (n/a)
2006	10	Saer	Sene	0.00	0.08	P.J. Tucker (35)
2006	40	Denham	Brown	0	7.58	Paul Millsap (47)
2006	53	Yotam	Halperin	0	0.50	Hassan Adams (54)
2007	2	Kevin	Durant	7.64	3.87	Mike Conley (4)
2007	5	Jeff	Green	0.97	0.85	Josh McRoberts (37)
2007	58	Georgios	Printezis	0	-0.06	Trey Johnson (n/a)
2008	4	Russell	Westbrook	6.46	11.35	Kevin Love (5)
2008	24	Serge	Ibaka	4.69	3.75	Mario Chalmers (34)
2008	29	DJ	White	0.42	2.13	Reggie Williams (n/a)
2008	38	Kyle	Weaver	1.21	0.03	Trey Gilder (n/a)
2008	50	DeVon	Hardin	0	-0.07	Darnell Jackson (52)
2009	3	James	Harden	7.67	3.91	Tyreke Evans (4)
2009	24	Byron	Mullens	-1.24	5.39	DeJuan Blair (37)
2009	54	Robert	Vaden	0	-0.13	Lester Hudson (58)
2010	11	Cole	Aldrich	0.22	0.22	Cole Aldrich (11)
2010	31	Tibor	Pleiss	0	0.13	Hassan Whiteside (33)
2010	48	Latavious	Williams	0	0.06	Luke Harangody (52)
2010	57	Ryan	Reid	0.02	0.54	Manny Harris (n/a)
2011	24	Reggie	Jackson	2.20	2.59	Kyle Singler (33)
2012	28	Perry	Jones	0.57	3.55	Draymond Green (35)
2013	12	Steven	Adams	2.90	-0.50	Shane Larkin (18)
2013	26	Andre	Roberson	1.10	1.90	Jeff Withey (39)
2013	32	Alex	Abrines	0	-0.30	Mike Muscala (44)
2013	40	Grant	Jerrett	0	-0.60	Brandon Davies (n/a)

## ORL

Year	Pick	Actual	Choice	1.49 Actual	2.20 Model	Model Choice
2003	15	Reece	Gaines	-0.19	3.53	David West (18)
2003	42	Zaza	Pachulia	2.31	3.65	Kyle Korver (51)
2003	43	Keith	Bogans	1.29	0.28	Brandon Hunter (56)
2003	52	Remon	Van de Hare	0	4.52	Marquis Daniels (n/a)
2004	1	Dwight	Howard	13.39	12.71	Andre Iguodala (9)
2004	20	Jameer	Nelson	2.86	2.86	Jameer Nelson (20)
2005	11	Fran	Vazquez	0	0.87	Sean May (13)
2005	38	Travis	Diener	1.11	1.09	Lawrence Roberts (55)
2005	57	Marcin	Gortat	0.06	0.60	Dwayne Jones (n/a)
2006	11	J.J.	Redick	1.11	0.08	P.J. Tucker (35)
2006	41	James	Augustine	0.10	7.58	Paul Millsap (47)
2007	60	Milovan	Rakovic	0	-0.06	Trey Johnson (n/a)
2008	22	Courtney	Lee	4.52	3.75	Mario Chalmers (34)
2010	29	Daniel	Orton	0.19	0.13	Hassan Whiteside (33)
2010	59	Stanley	Robinson	0	0.54	Manny Harris (n/a)
2011	32	Justin	Harper	-0.16	2.59	Kyle Singler (33)
2011	53	DeAndre	Liggins	0.48	0.36	Julyan Stone (n/a)
2012	19	Andrew	Nicholson	-0.75	1.67	Jared Sullinger (21)
2012	49	Kyle	O'Quinn	2.37	0.13	Kevin Jones (n/a)
2013	2	Victor	Oladipo	2.60	0	Nerlens Noel (6)
2013	51	Romero	Osby	0	-0.60	Brandon Davies (n/a)



**PHL**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	41	Willie Green	-1.23	3.65	Kyle Korver (51)
2003	51	Kyle Korver	3.65	0.28	Brandon Hunter (56)
2004	9	Andre Iguodala	12.71	12.71	Andre Iguodala (9)
2005	45	Lou Williams	0.00	1.09	Lawrence Roberts (55)
2006	16	Rodney Carney	0.24	0.08	P.J. Tucker (35)
2006	37	Bobby Jones	-0.20	7.58	Paul Millsap (47)
2007	12	Thaddeus Young	3.24	0.85	Josh McRoberts (37)
2007	20	Jason Smith	-0.38	0.00	Nick Fazekas (34)
2007	42	Derrick Byars	0	0.23	Stephane Lasme (46)
2007	55	Herbert Hill	0	-0.06	Trey Johnson (n/a)
2008	16	Marreese Speights	0.23	3.75	Mario Chalmers (34)
2009	17	Jrue Holiday	4.52	5.39	DeJuan Blair (37)
2010	2	Evan Turner	2.83	3.56	Derrick Favors (3)
2011	16	Nikola Vucevic	4.69	8.94	Kenneth Faried (22)
2011	50	Lavoy Allen	1.47	0.36	Julyan Stone (n/a)
2012	15	Maurice Harkless	4.98	1.67	Jared Sullinger (21)
2012	27	Arnett Moultrie	1.36	3.55	Draymond Green (35)
2012	53	Furkan Aldemir	0	0.13	Kevin Jones (n/a)
2013	6	Nerlens Noel	0	0	Nerlens Noel (6)
2013	11	Michael Carter-Williams	2.50	-0.50	Shane Larkin (18)
2013	54	Arsalan Kazemi	0	-0.60	Brandon Davies (n/a)

**PHX**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	17	Zarko Cabarkapa	-0.87	3.53	David West (18)
2003	28	Leandro Barbosa	2.06	7.05	Josh Howard (29)
2004	31	Jackson Vroman	-0.11	6.50	Chris Duhon (38)
2005	54	Dijon Thompson	0.07	1.09	Lawrence Roberts (55)
2007	29	Alando Tucker	-0.10	0.85	Josh McRoberts (37)
2007	59	D.J. Strawberry	-0.22	-0.06	Trey Johnson (n/a)
2008	15	Robin Lopez	0.65	3.75	Mario Chalmers (34)
2008	45	Goran Dragic	0.48	2.13	Reggie Williams (n/a)
2009	14	Earl Clark	-0.64	5.39	DeJuan Blair (37)
2009	48	Taylor Griffin	-0.04	-0.13	Lester Hudson (58)
2010	46	Gani Lawal	-0.01	0.06	Luke Harangody (52)
2010	60	Dwayne Collins	0	0.54	Manny Harris (n/a)
2011	13	Markieff Morris	1.09	8.94	Kenneth Faried (22)
2012	13	Kendall Marshall	1.86	1.67	Jared Sullinger (21)
2013	5	Alex Len	-0.40	0	Nerlens Noel (6)
2013	29	Archie Goodwin	0.60	1.90	Jeff Withey (39)
2013	57	Alex Oriakhi	0	-0.60	Brandon Davies (n/a)

**POR**

Year	Pick	Actual Choice
2003	23	Travis Outlaw
2003	54	Nedzad Sinanovic
2004	13	Sebastian Telfair
2004	22	Viktor Khryapa
2004	23	Sergei Monia
2004	46	Ha Seung-Jin
2005	6	Martell Webster
2005	22	Jarrett Jack
2006	2	LaMarcus Aldridge
2006	6	Brandon Roy
2006	27	Sergio Rodriguez
2006	30	Joel Freeland
2007	1	Greg Oden
2007	24	Rudy Fernandez
2007	37	Josh McRoberts
2007	52	Taurean Green
2008	11	Jerryd Bayless
2008	25	Nicolas Batum
2009	22	Victor Claver
2009	31	Jeff Ayres
2009	33	Dante Cunningham
2009	55	Patty Mills
2010	16	Luke Babbitt
2010	22	Elliot Williams
2010	34	Armon Johnson
2011	21	Nolan Smith
2012	6	Damian Lillard
2012	11	Meyers Leonard
2012	40	Will Barton
2013	10	C.J. McCollum
2013	31	Allen Crabbe

Actual	Model	Model Choice
1.29	2.45	
0.31	7.05	Josh Howard (29)
0	0.28	Brandon Hunter (56)
-1.24	2.86	Jameer Nelson (20)
1.23	3.06	Tony Allen (25)
-0.04	6.50	Chris Duhon (38)
-0.20	0.01	Tony Bobbitt (n/a)
1.70	0.87	Sean May (13)
4.20	3.09	Francisco Garcia (23)
4.56	1.28	Shelden Williams (5)
9.71	1.72	Rudy Gay (8)
1.30	0.08	P.J. Tucker (35)
0	7.58	Paul Millsap (47)
2.39	3.87	Mike Conley (4)
3.97	0.85	Josh McRoberts (37)
0.85	0.23	Stephane Lasme (46)
-0.07	-0.07	Taurean Green (52)
-0.52	3.75	Mario Chalmers (34)
5.04	2.13	Reggie Williams (n/a)
0	5.39	DeJuan Blair (37)
0.00	-0.13	Lester Hudson (58)
1.98	0	Nick Calathes (45)
0.00	0.00	Patty Mills (55)
-0.39	0.13	Hassan Whiteside (33)
0.11	-0.07	Jarvis Varnado (41)
-0.16	0.14	Jerome Jordan (44)
-0.58	8.94	Kenneth Faried (22)
5.65	13.05	Andre Drummond (9)
0.42	1.67	Jared Sullinger (21)
0.41	0.41	Will Barton (40)
-0.60	-0.50	Shane Larkin (18)
-0.10	1.90	Jeff Withey (39)

**SAC**

Year	Pick	Actual Choice
2004	26	Kevin Martin
2004	48	Ricky Minard
2005	23	Francisco Garcia
2006	19	Quincy Douby
2007	10	Spencer Hawes
2008	12	Jason Thompson
2008	42	Sean Singletary
2008	43	Pat Ewing
2009	4	Tyreke Evans
2009	23	Omri Casspi
2009	38	Jon Brockman
2010	5	DeMarcus Cousins
2010	33	Hassan Whiteside
2011	10	Jimmer Fredette
2011	35	Tyler Honeycutt
2011	60	Isaiah Thomas
2012	5	Thomas Robinson
2013	7	Ben McLemore
2013	36	Ray McCallum

Actual	Model	Model Choice
1.28	1.99	
6.28	6.50	Chris Duhon (38)
0	0.01	Tony Bobbitt (n/a)
3.09	3.09	Francisco Garcia (23)
-0.58	0.08	P.J. Tucker (35)
-0.90	0.85	Josh McRoberts (37)
2.74	3.75	Mario Chalmers (34)
-0.08	2.13	Reggie Williams (n/a)
0.00	0.03	Trey Gilder (n/a)
3.91	3.91	Tyreke Evans (4)
2.66	5.39	DeJuan Blair (37)
1.51	-0.13	Lester Hudson (58)
0.38	0.38	DeMarcus Cousins (5)
0.13	0.13	Hassan Whiteside (33)
-0.03	8.94	Kenneth Faried (22)
0.00	0.01	Keith Benson (48)
5.31	0.36	Julyan Stone (n/a)
1.03	1.03	Thomas Robinson (5)
-0.60	-0.50	Shane Larkin (18)
-0.50	1.90	Jeff Withey (39)

**SAN**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2004	28	Beno Udrih	0.78	6.50	Chris Duhon (38)
2004	42	Viktor Sanikidze	0	3.42	Trevor Ariza (43)
2004	52	Romain Sato	0	0.01	Tony Bobbitt (n/a)
2004	57	Sergei Karaulov	0	-0.11	Andre Barrett (n/a)
2005	28	Ian Mahinmi	0.05	1.09	Lawrence Roberts (55)
2005	46	Erazem Lorbek	0	0.60	Dwayne Jones (n/a)
2007	28	Tiago Splitter	0	0.85	Josh McRoberts (37)
2007	33	Marcus E. Williams	0.00	0.00	Nick Fazekas (34)
2008	26	George Hill	4.04	3.75	Mario Chalmers (34)
2008	48	Malik Hairston	0.48	2.13	Reggie Williams (n/a)
2008	57	James Gist	0	0.03	Trey Gilder (n/a)
2009	37	DeJuan Blair	5.39	5.39	DeJuan Blair (37)
2009	51	Jack McClinton	0	-0.13	Lester Hudson (58)
2009	53	Nando De Colo	0	0.00	Patty Mills (55)
2010	20	James Anderson	0.28	0.13	Hassan Whiteside (33)
2010	49	Ryan Richards	0	0.06	Luke Harangody (52)
2011	15	Kawhi Leonard	9.59	8.94	Kenneth Faried (22)
2011	29	Cory Joseph	1.23	2.59	Kyle Singler (33)
2011	42	Davis Bertans	0	0.01	Keith Benson (48)
2011	59	Adam Hanga	0	0.36	Julyan Stone (n/a)
2012	59	Marcus Denmon	0	0.13	Kevin Jones (n/a)
2013	28	Livio Jean-Charles	0	1.90	Jeff Withey (39)
2013	58	Deshaun Thomas	0	-0.60	Brandon Davies (n/a)

**TOR**

Year	Pick	Actual Choice	Actual	Model	Model Choice
2003	4	Chris Bosh	6.86	2.23	T.J. Ford (8)
2003	45	Matt Bonner	1.83	3.65	Kyle Korver (51)
2004	8	Babby Araujo	0.00	12.71	Andre Iguodala (9)
2004	47	Pape Sow	0.03	0.01	Tony Bobbitt (n/a)
2005	7	Charlie Villanueva	1.58	0.87	Sean May (13)
2005	16	Joey Graham	1.27	5.84	Danny Granger (17)
2005	41	Roko Ukic	0	1.09	Lawrence Roberts (55)
2005	58	Uros Slokar	-0.03	0.60	Dwayne Jones (n/a)
2006	1	Andrea Bargnani	-1.35	1.28	Shelden Williams (5)
2006	35	P.J. Tucker	0.08	0.08	P.J. Tucker (35)
2008	41	Nathan Jawai	0.06	2.13	Reggie Williams (n/a)
2009	9	DeMar DeRozan	1.10	5.39	DeJuan Blair (37)
2010	13	Ed Davis	4.73	3.01	Larry Sanders (15)
2010	50	Solomon Alabi	0.05	0.06	Luke Harangody (52)
2011	5	Jonas Valanciunas	3.36	8.94	Kenneth Faried (22)
2012	8	Terrence Ross	2.79	13.05	Andre Drummond (9)
2012	37	Quincy Acy	1.72	1.72	Quincy Acy (37)
2012	56	Tomislav Zubcic	0	0.13	Kevin Jones (n/a)

**UTH**

Year	Pick	Actual	Choice
2003	19	Sasha	Pavlovic
2003	36	Mario	Austin
2003	47	Mo	Williams
2004	14	Kris	Humphries
2004	16	Kirk	Snyder
2005	3	Deron	Williams
2005	34	C.J.	Miles
2005	51	Robert	Whaley
2006	14	Ronnie	Brewer
2006	46	Dee	Brown
2006	47	Paul	Millsap
2007	25	Morris	Almond
2007	38	Kyrylo	Fesenko
2008	23	Kosta	Koufos
2008	44	Ante	Tomic
2008	51	Shan	Foster
2009	20	Eric	Maynor
2009	50	Goran	Suton
2010	9	Gordon	Hayward
2010	55	Jeremy	Evans
2011	3	Enes	Kanter
2011	12	Alec	Burks
2012	47	Kevin	Murphy
2013	9	Trey	Burke
2013	27	Rudy	Gobert
2013	47	Raulzinho	Neto

Actual	Model	Model	Choice
1.36	2.31		
-0.54	7.05	Josh	Howard (29)
0	3.65	Kyle	Korver (51)
1.12	0.28	Brandon	Hunter (56)
0.18	2.86	Jameer	Nelson (20)
1.05	3.06	Tony	Allen (25)
7.55	0.87	Sean	May (13)
0.23	1.09	Lawrence	Roberts (55)
-0.12	0.60	Dwayne	Jones (n/a)
8.20	0.08	P.J.	Tucker (35)
0.03	7.58	Paul	Millsap (47)
7.58	0.50	Hassan	Adams (54)
-0.16	0.85	Josh	McRoberts (37)
-0.11	0.23	Stephane	Lasme (46)
0.04	3.75	Mario	Chalmers (34)
0	2.13	Reggie	Williams (n/a)
0	0.03	Trey	Gilder (n/a)
0.51	5.39	DeJuan	Blair (37)
0	-0.13	Lester	Hudson (58)
4.41	0.22	Cole	Aldrich (11)
2.13	0.54	Manny	Harris (n/a)
1.24	8.94	Kenneth	Faried (22)
1.82	9.59	Kawhi	Leonard (15)
-0.28	0.13	Kevin	Jones (n/a)
-0.80	-0.50	Shane	Larkin (18)
1.20	1.90	Jeff	Withey (39)
0	-0.60	Brandon	Davies (n/a)

**WAS**

Year	Pick	Actual	Choice
2003	10	Jarvis	Hayes
2003	38	Steve	Blake
2004	32	Peter	John Ramos
2005	49	Andray	Blatche
2006	18	Oleksiy	Pecherov
2007	16	Nick	Young
2007	47	Dominic	McGuire
2008	18	JaVale	McGee
2009	57	Emir	Prelidzic
2010	1	John	Wall
2010	17	Kevin	Seraphin
2010	23	Trevor	Booker
2010	56	Hamady	Ndiaye
2011	6	Jan	Vesely
2011	18	Chris	Singleton
2011	34	Shelvin	Mack
2012	3	Bradley	Beal
2012	32	Tomas	Satoransky
2013	3	Otto	Porter Jr.
2013	35	Glen	Rice Jr.

Actual	Model	Model	Choice
1.07	1.93		
0.21	2.29	Nick	Collison (12)
1.86	3.65	Kyle	Korver (51)
-0.04	6.50	Chris	Duhon (38)
1.15	1.09	Lawrence	Roberts (55)
-0.29	0.08	P.J.	Tucker (35)
-1.00	0.85	Josh	McRoberts (37)
2.81	-0.07	Taurean	Green (52)
3.55	3.75	Mario	Chalmers (34)
0	-0.13	Lester	Hudson (58)
4.51	4.51	John	Wall (1)
-1.20	0.13	Hassan	Whiteside (33)
4.38	-0.07	Jarvis	Varnado (41)
-0.05	0.54	Manny	Harris (n/a)
1.53	8.94	Kenneth	Faried (22)
-0.04	-0.04	Chris	Singleton (18)
1.07	0.01	Keith	Benson (48)
3.00	1.03	Thomas	Robinson (5)
0	3.55	Draymond	Green (35)
-0.10	0	Nerlens	Noel (6)
0.00	1.90	Jeff	Withey (39)