

WorldCapital Integrated Solutions, LLC.



FFC – ADP and AAV Analytics Report



Kyle W. Brown

WorldCapitalis.com

July 18, 2019

Released in 2019

© Copyright 2019 WorldCapital Integrated Solutions, LLC.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrievable system, or transmitted in any form or by any means, electronic, or mechanical, including photocopying, recording or any information storage and retrieval system, without the prior written permission of the copyright owner.

Although care has been taken to ensure the accuracy and reliability of the information provided in this report, the author does not give any warranty. Public information, industry, and statistical data are from sources that are deemed to be reliable. The publisher, author, and editor make no representation as to their accuracy or completeness and have accepted the information without further verification. The publisher and authors shall not be responsible for changes in crime incidents or laws or regulations nor obliged to revise this report to reflect changes, events or conditions which occur subsequent to the writing of this report. The author also disclaims any liability to any party for any loss, damage, actions taken, or decisions made as consequence of information, advice or recommendations in the report.



Table of Contents

FFC – ADP and AAV	3
Table.....	3
Basic Statistics.....	3
Percentages.....	3
Data Structure.....	4
Missing Data Profile.....	4
Histogram Univariate Distribution.....	5
Bar Chart by Frequency	5
QQ Plot.....	6
Correlation Analysis.....	6
Principal Component Analysis.....	7
FFC – ADP and AAV Complete Table.....	9



FFC – ADP and AAV

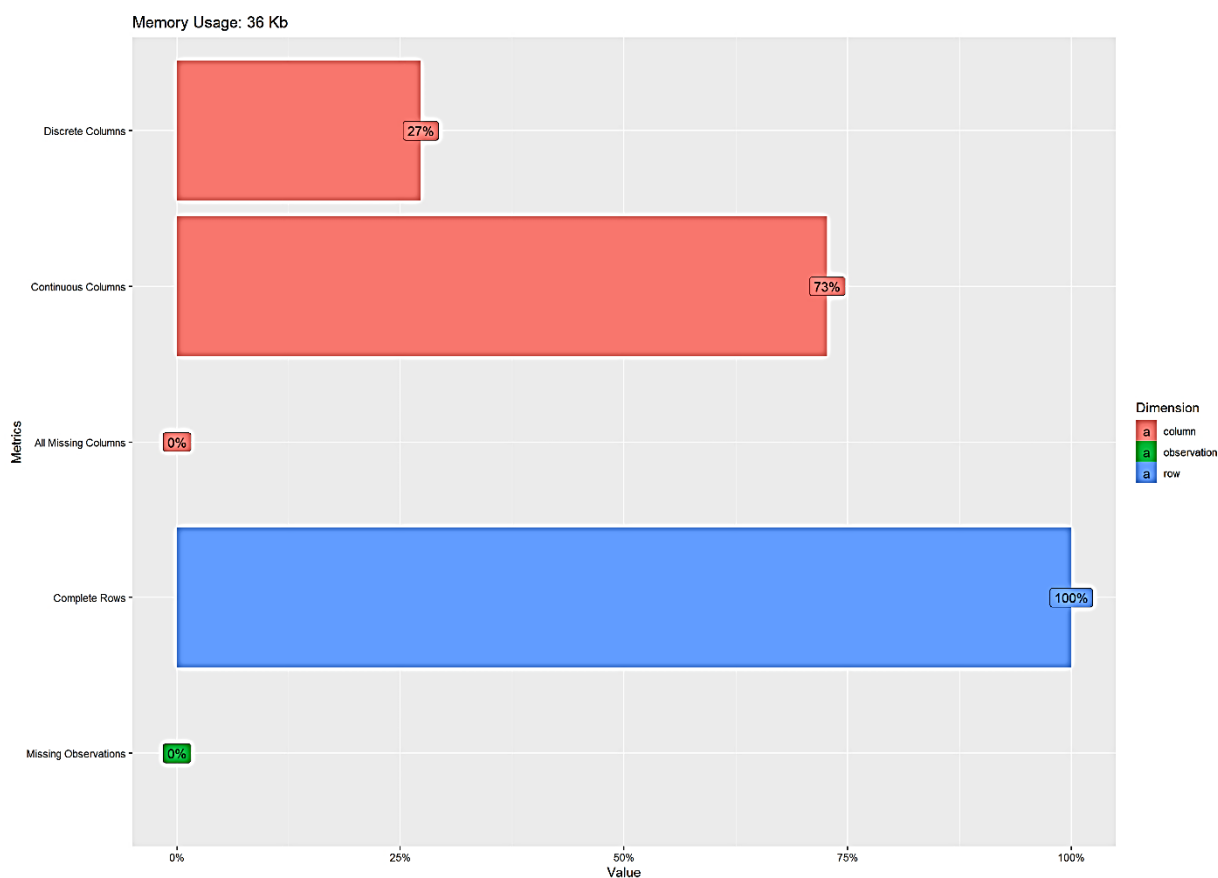
Table

Name	Team	Position	Age	Exp	Pick	ADP	Std-Dev	High	Lot	Times-Drafted
Graham Gano	CAR	K	32	10	15.07	175.2	5.7	14.07	17.07	46
Adam Vinatieri	IND	K	47	23	15.05	172.7	5.2	14.01	16.02	78
Robbie Gould	SFO	K	37	14	15.04	172.2	4.9	13.1	16.03	143
Brandon McManus	DEN	K	28	5	15.04	171.7	3.7	14.06	15.11	37
Sebastian Janikowski	FA	K	41	19	15.04	171.6	4.5	14.06	15.11	25

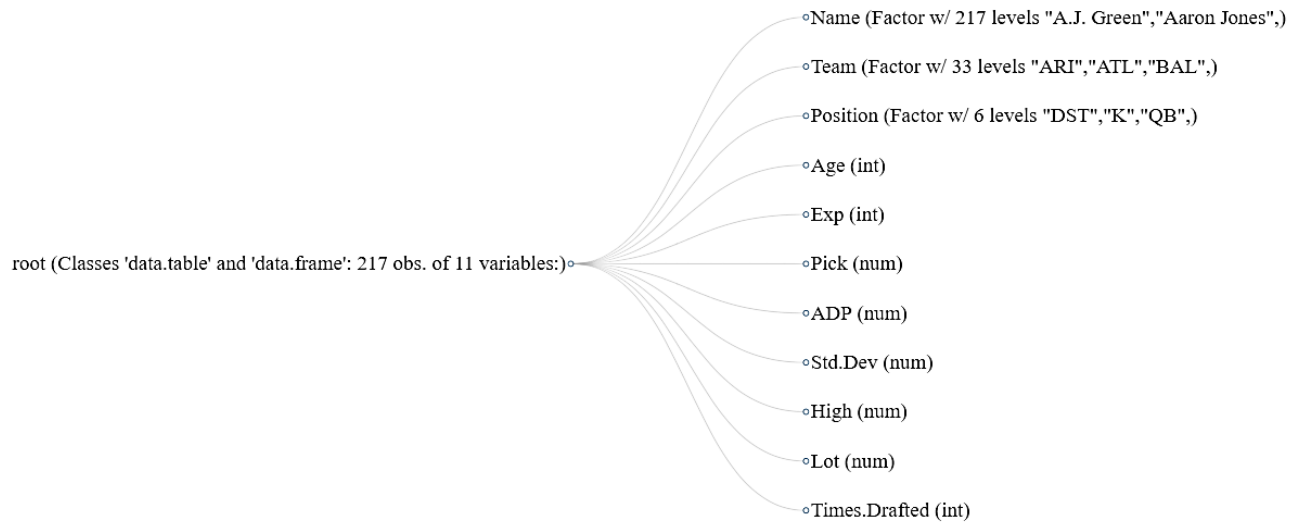
Basic Statistics

Name	Value
Rows	217
Columns	11
Discrete columns	3
Continuous columns	8
All missing columns	0
Missing observations	0
Complete Rows	217
Total observations	2,387
Memory allocation	36 Kb

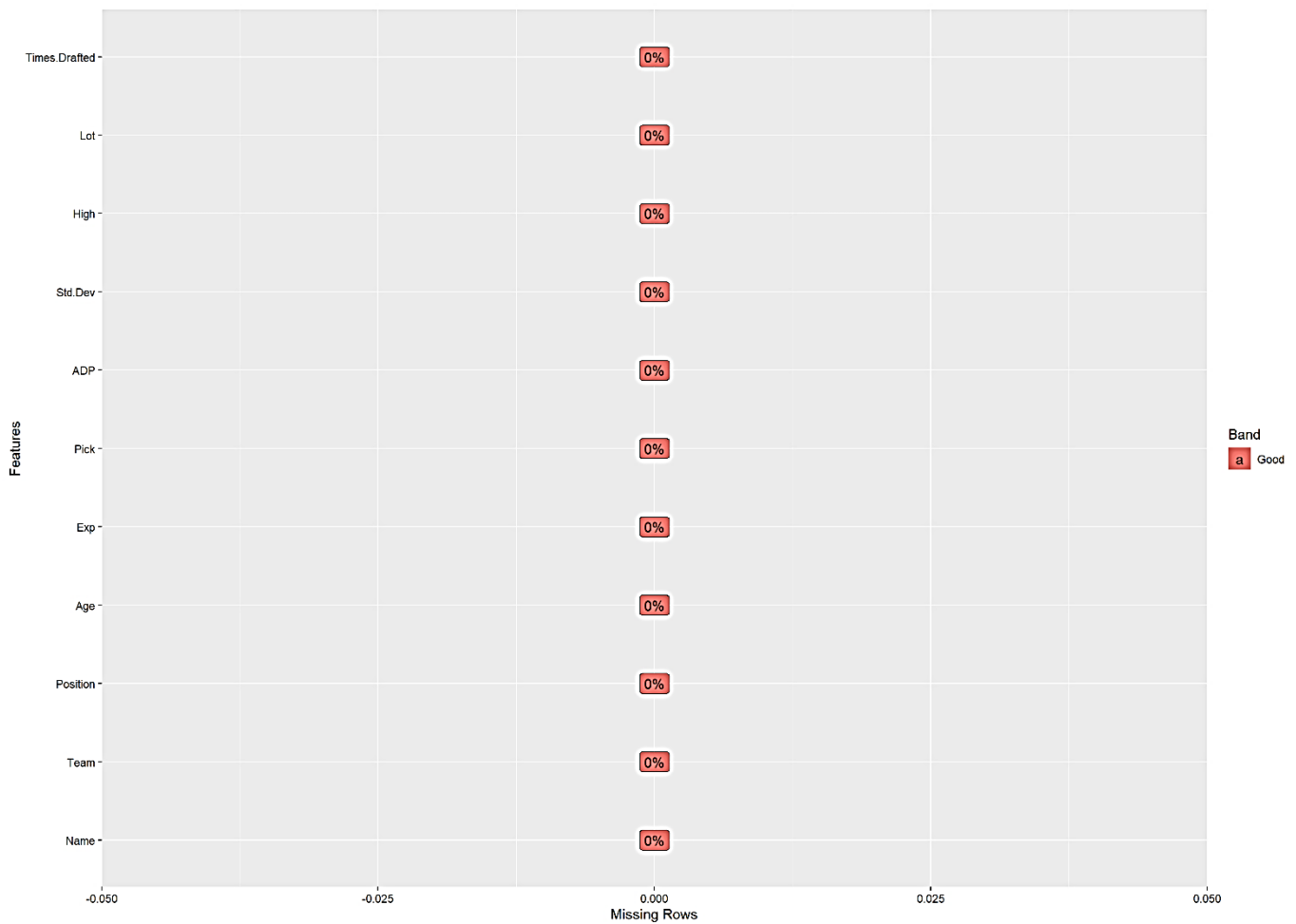
Percentages



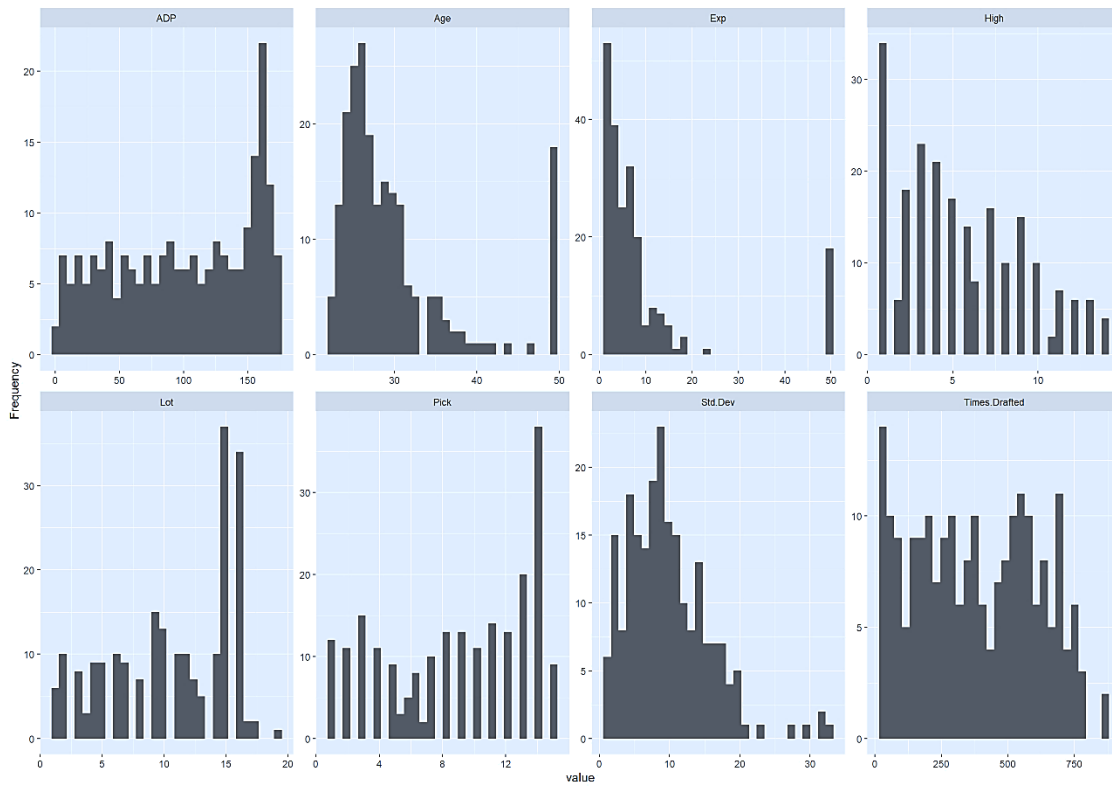
Data Structure



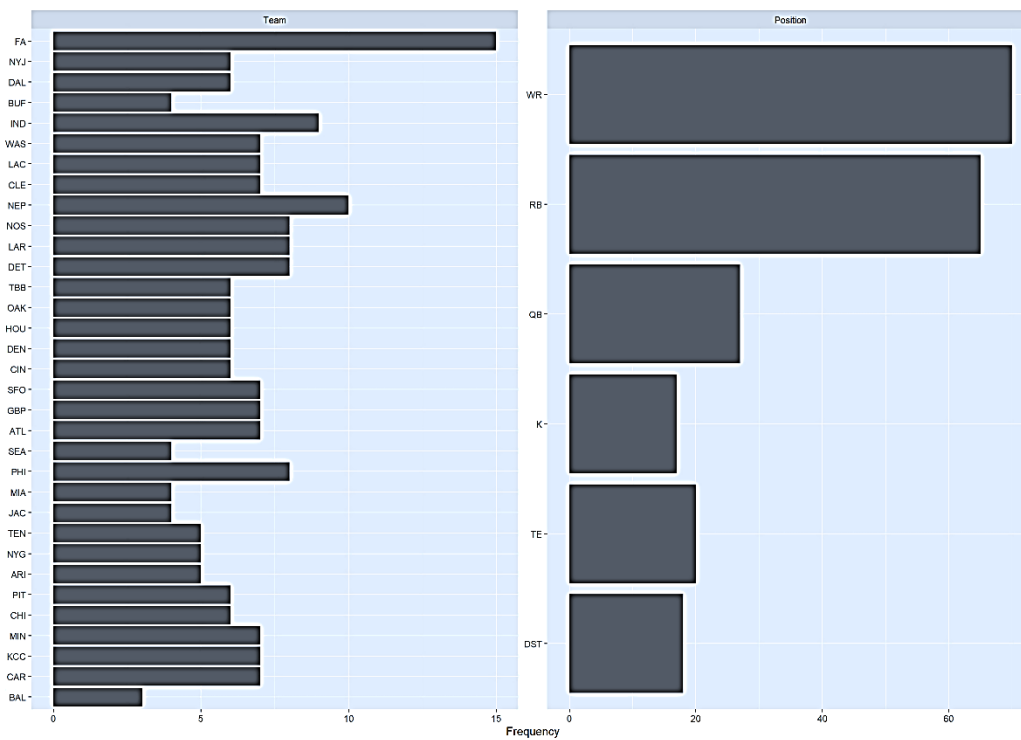
Missing Data Profile



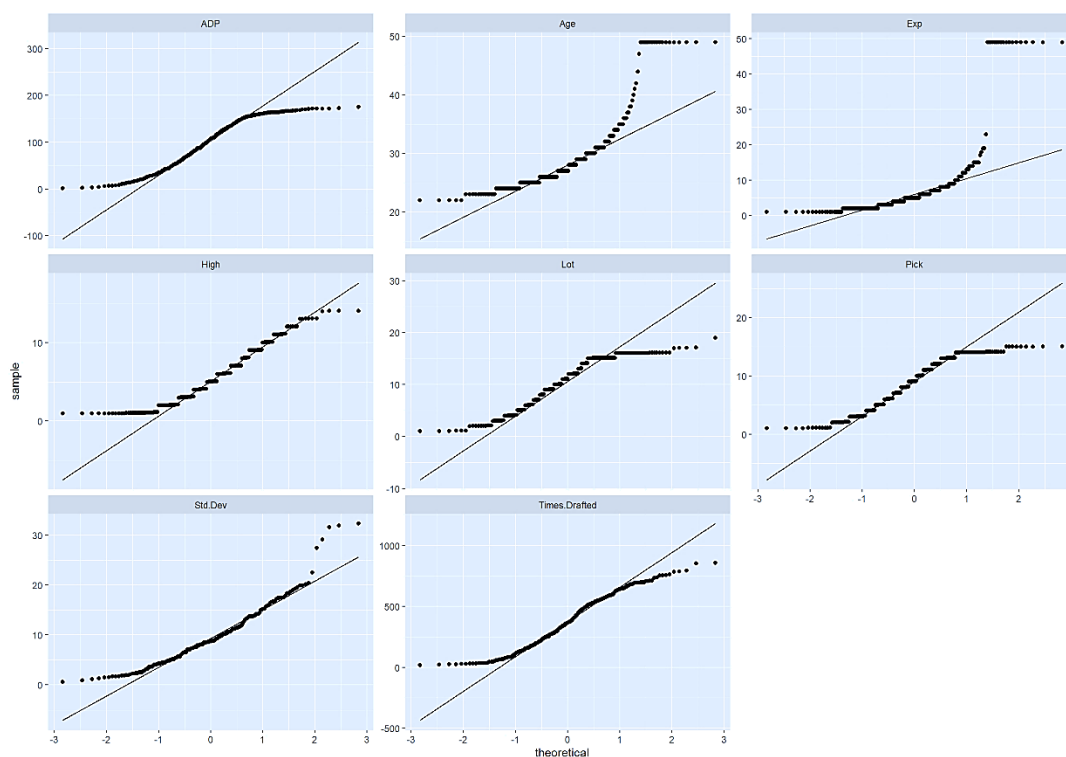
Histogram Univariate Distribution



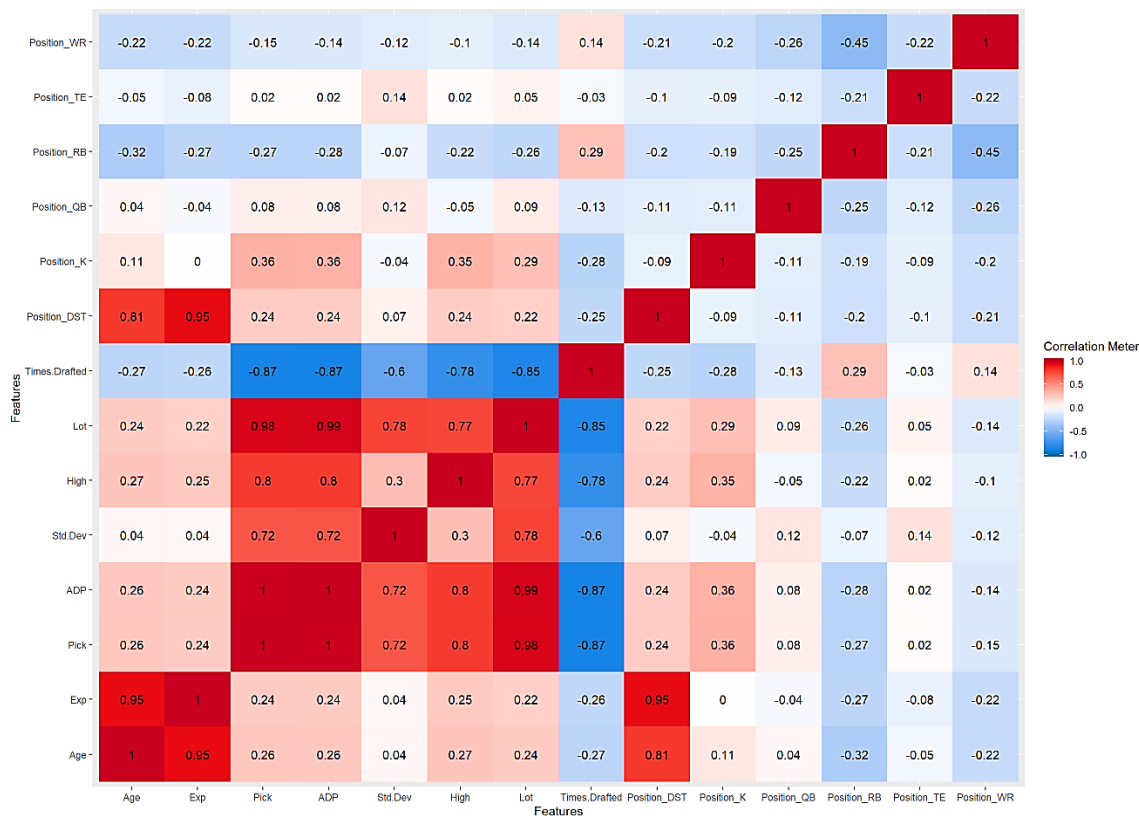
Bar Chart by Frequency



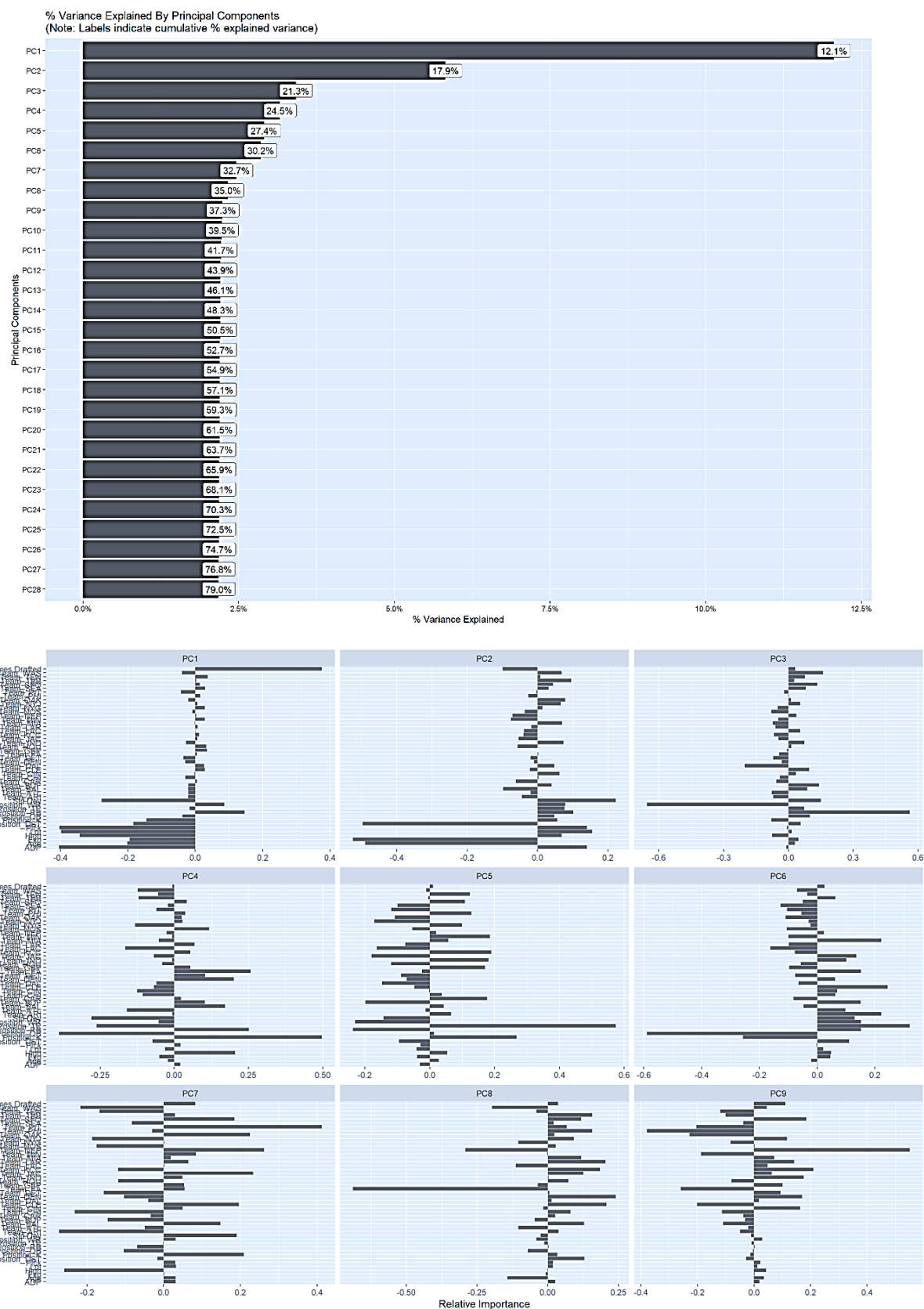
QQ Plot



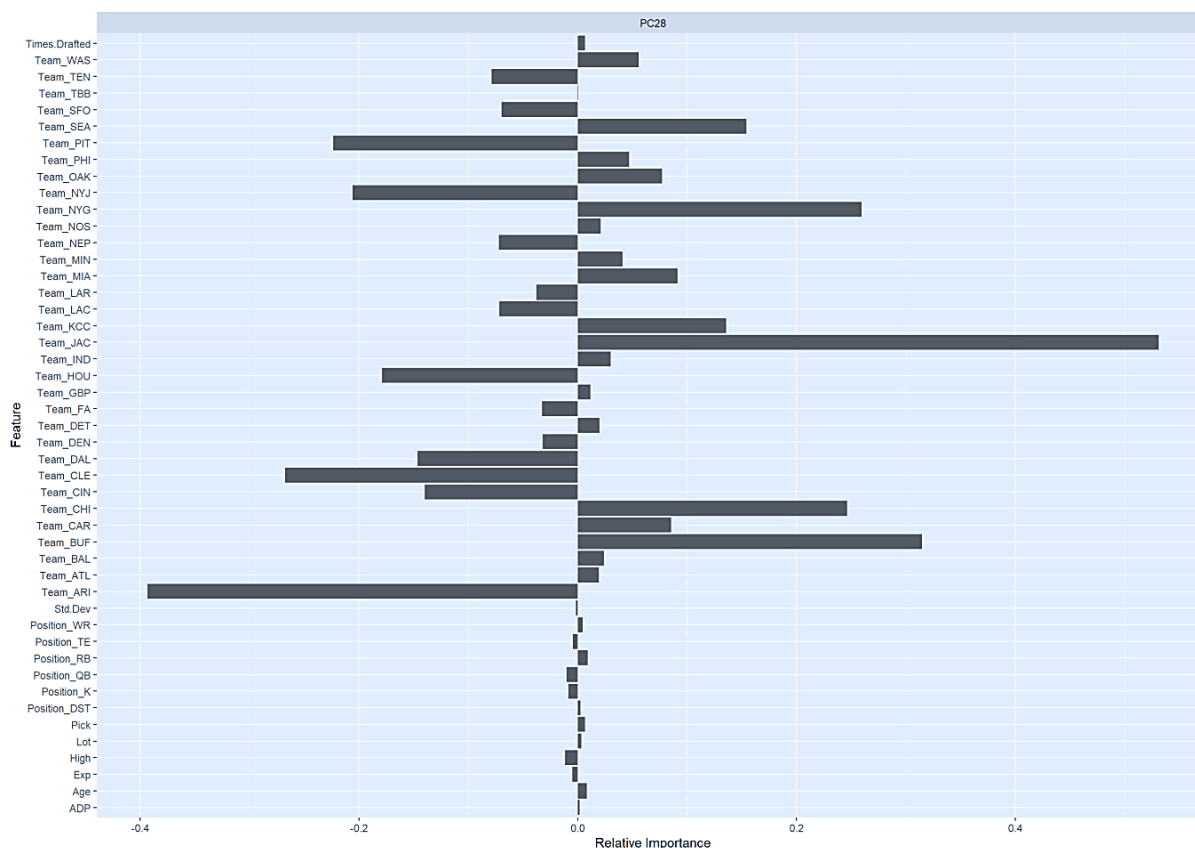
Correlation Analysis



Principal Component Analysis





*FFC – ADP and AAV Complete Table*

Name	Team	Position	Age	Exp	Pick	ADP	Std-Dev	High	Lot	Times-Drafted
Graham Gano	CAR	K	32	10	15.07	175.2	5.7	14.07	17.07	46
Adam Vinatieri	IND	K	47	23	15.05	172.7	5.2	14.01	16.02	78
Robbie Gould	SFO	K	37	14	15.04	172.2	4.9	13.1	16.03	143
Brandon McManus	DEN	K	28	5	15.04	171.7	3.7	14.06	15.11	37
Sebastian Janikowski	FA	K	41	19	15.04	171.6	4.5	14.06	15.11	25
Dan Bailey	MIN	K	31	8	15.03	171.4	6.5	12.04	16.05	106
Detroit Lions	DET	DST	49	49	15.03	170.9	7.2	13.06	15.11	31
Matt Prater	DET	K	35	13	15.02	170.3	5	13.07	16.03	160
Mason Crosby	GBP	K	35	12	15.02	169.8	8.1	9.02	16.02	135
Rishard Matthews	NOS	WR	30	7	14.12	168.5	11.2	11.03	16.1	52
Daniel Carlson	OAK	K	24	1	14.12	168.2	27.4	1.02	16.07	85
Arizona Cardinals	ARI	DST	49	49	14.11	167.4	10.9	12.03	16.02	75
Harrison Butker	KCC	K	24	2	14.11	167.1	7.6	12.05	16.07	129
Atlanta Falcons	ATL	DST	49	49	14.11	166.5	8.6	13.01	16.12	121
Matt Bryant	FA	K	44	17	14.1	166.5	7.1	13.04	16.07	132
Kansas City Chiefs	KCC	DST	49	49	14.1	166.4	7.6	13.07	15.11	31
Chris Boswell	PIT	K	30	5	14.1	166.3	14.2	4.09	15.12	123
Christian Kirk	ARI	WR	23	1	14.1	166.1	11.2	12.06	15.12	45



Sam Darnold	NYJ	QB	22	1	14.1	165.5	12.6	11.12	15.12	21
Courtland Sutton	DEN	WR	24	1	14.09	164.7	15	10.11	16.12	82
Mike Gesicki	MIA	TE	24	1	14.09	164.5	17.4	9.03	16.03	28
Case Keenum	WAS	QB	31	7	14.08	164.4	12.3	11.12	16.09	44
Jeremy Hill	FA	RB	27	5	14.08	164.4	14.5	11.06	15.12	20
Jake Elliott	PHI	K	24	2	14.08	164.4	8.6	10.1	15.12	131
Spencer Ware	IND	RB	28	6	14.08	164.2	16.6	10.03	17.01	86
Pittsburgh Steelers	PIT	DST	49	49	14.08	163.9	14.2	3.04	16.06	245
Tyrell Williams	OAK	WR	27	4	14.08	163.9	18.4	9.03	16.08	64
Ricky Seals-Jones	ARI	TE	24	2	14.07	163	14.3	11.05	16.01	58
New England Patriots	NEP	DST	49	49	14.07	162.8	11.8	7.1	15.12	288
Cleveland Browns	CLE	DST	49	49	14.07	162.8	29.1	1.12	16.1	32
Danny Amendola	DET	WR	34	11	14.07	162.6	16.7	9.03	16.02	57
Frank Gore	BUF	RB	36	14	14.06	162.3	17.5	9.1	16.1	66
Martavis Bryant	FA	WR	28	5	14.06	162	13	11.04	15.12	115
John Kelly	LAR	RB	23	1	14.05	161.3	13.7	12.03	16.08	35
Chicago Bears	CHI	DST	49	49	14.05	160.7	12.8	11.05	17.1	158
Andy Dalton	CIN	QB	32	8	14.04	160.4	15.1	10.05	15.12	68
Austin Ekeler	LAC	RB	24	2	14.04	160.3	16.8	9.08	16.1	136
Dede Westbrook	JAC	WR	26	2	14.04	160.1	18.4	1.11	15.11	144
Wil Lutz	NOS	K	25	3	14.04	159.9	5	12.03	15.11	136
Mitchell Trubisky	CHI	QB	25	2	14.03	159.2	14.2	9.07	16.06	86
T.J. Yeldon	BUF	RB	26	4	14.03	159.1	16.9	11.06	15.12	67
Carolina Panthers	CAR	DST	49	49	14.03	158.7	11.6	10.11	15.12	266
Tyrod Taylor	LAC	QB	30	8	14.02	158.4	32.3	1.11	16.03	36
Donte Moncrief	PIT	WR	26	5	14.02	158.4	18.7	10.03	16.1	34
Ben Watson	NEP	TE	39	15	14.02	157.7	20.2	10.07	15.12	26
Austin Hooper	ATL	TE	25	3	14.01	157.1	17.5	10.04	15.12	35
Josh Doctson	WAS	WR	27	3	14.01	156.5	15.2	9.06	16.03	160
Eli Manning	NYG	QB	38	15	13.12	156.1	16.1	3.08	15.12	163
D'Onta Foreman	HOU	RB	23	2	13.12	155.8	19.9	8.02	16.03	92
Eric Ebron	IND	TE	26	5	13.12	155.7	19.3	9.05	16.02	87
Giovani Bernard	CIN	RB	28	6	13.11	155.3	17.8	8.1	16.05	252
James Conner	PIT	RB	24	2	13.11	154.9	17.2	5.03	16.06	320
Jameis Winston	TBB	QB	25	4	13.11	154.8	13.7	9.01	15.11	178
John Ross	CIN	WR	24	2	13.1	154.2	17.4	5.1	15.12	298
O.J. Howard	TBB	TE	25	2	13.1	153.6	20.4	7.11	16.02	271
Dak Prescott	DAL	QB	26	3	13.08	151.7	16.5	2.12	16.06	191
Geronimo Allison	GBP	WR	25	3	13.08	151.7	13.7	8.01	15.06	223
Justin Tucker	BAL	K	30	7	13.08	151.5	11.2	4.01	14.07	216
Rob Kelley	WAS	RB	27	3	13.07	151.2	19.5	8.06	16.08	101
Anthony Miller	CHI	WR	25	1	13.06	150.4	13.7	10.02	15.11	177
Mohamed Sanu	ATL	WR	30	7	13.05	149.3	31.6	6.1	19.01	28
Jordan Wilkins	IND	RB	25	1	13.03	147.4	15.8	9.04	15.12	360



Stephen Gostkowski	NEP	K	35	13	13.03	147	13.2	6.06	14.04	362
Tyler Eifert	CIN	TE	29	6	13.03	146.9	19.9	6.01	16.04	521
Chris Godwin	TBB	WR	23	2	13.02	146.3	17.5	6.02	15.12	228
New Orleans Saints	NOS	DST	49	49	13.01	145.5	11.5	11.01	15.12	199
Greg Zuerlein	LAR	K	32	7	13.01	144.5	13.7	1.09	14.05	656
Devontae Booker	DEN	RB	27	3	12.11	142.8	15.3	8.06	15.06	283
Matt Breida	SFO	RB	24	2	12.1	141.7	22.5	1.01	15.12	503
Doug Martin	OAK	RB	30	7	12.09	141.1	13.9	9.03	15.09	236
DeVante Parker	MIA	WR	26	4	12.08	140.4	13.5	7.11	15.06	162
Denver Broncos	DEN	DST	49	49	12.08	139.7	10.2	10.01	14.12	183
Derek Carr	OAK	QB	28	5	12.05	137.1	12	8.03	15.02	188
Tyler Lockett	SEA	WR	27	4	12.05	136.9	11.5	8.09	14.08	242
Bilal Powell	NYJ	RB	31	8	12.03	135.4	15.7	7.1	15.11	502
Keelan Cole	JAC	WR	26	2	12.03	135	15.3	6.03	15.1	445
Alex Smith	WAS	QB	35	14	12.03	134.8	10.6	8.12	14.08	236
Jack Doyle	IND	TE	29	6	12.02	133.7	19	4.12	15.05	561
Marcus Mariota	TEN	QB	26	4	12.01	133.5	9.9	8.08	14.05	213
Cameron Meredith	NOS	WR	27	4	12.01	132.5	10.6	7.08	14.06	180
Michael Gallup	DAL	WR	23	1	11.12	132	9.4	9.03	14.12	274
Baltimore Ravens	BAL	DST	49	49	11.1	129.9	8.8	9.04	13.07	157
Duke Johnson	CLE	RB	26	4	11.09	129	13.6	5.1	15.08	328
George Kittle	SFO	TE	26	2	11.09	128.7	15.9	6.12	15.02	572
Houston Texans	HOU	DST	49	49	11.08	128.4	7.5	9.1	13.04	173
Alfred Morris	FA	RB	31	7	11.08	127.6	31.9	3.01	17.03	427
Ty Montgomery	NYJ	RB	26	4	11.07	127.5	14	7.03	15.02	211
John Brown	BUF	WR	29	5	11.07	126.7	10.3	7.08	13.02	282
Jared Goff	LAR	QB	25	3	11.05	125.2	10.1	6.1	13.07	323
Allen Hurns	DAL	WR	28	5	11.05	125	10.3	7.03	13.01	267
Kenny Golladay	DET	WR	26	2	11.05	124.5	10.7	6.06	12.12	294
Los Angeles Chargers	LAC	DST	49	49	11.02	122.2	8.8	8.05	14.04	198
James White	NEP	RB	27	5	11.01	121.1	13.8	3.11	12.12	366
Calvin Ridley	ATL	WR	25	1	11.01	121	9.6	7.03	12.08	245
D.J. Moore	CAR	WR	22	1	10.11	119.4	9.5	6.1	12.06	253
Sterling Shepard	NYG	WR	26	3	10.1	118.2	10.2	6.03	12.09	385
Philadelphia Eagles	PHI	DST	49	49	10.09	117.2	8.1	7.11	12.08	197
Pierre Garcon	FA	WR	33	11	10.08	116.5	9	7.1	12.04	297
Corey Clement	PHI	RB	25	2	10.08	116.4	11.4	7.01	12.11	337
Patrick Mahomes	KCC	QB	24	2	10.08	115.8	10	6.09	12.1	496
Ben Roethlisberger	PIT	QB	37	15	10.04	112.5	11.6	2.09	12.02	467
Nick Chubb	CLE	RB	24	1	10.03	111.3	10.7	7.01	12.06	277
Latavius Murray	NOS	RB	29	6	10.02	110	11.5	6.02	12.06	337
Matt Ryan	ATL	QB	34	11	10.02	109.7	10.4	6.11	11.1	515
Kenny Stills	MIA	WR	27	6	10.02	109.6	9.7	6.12	12.01	516
Minnesota Vikings	MIN	DST	49	49	9.12	108.4	13.3	1.01	12.03	254



Jamison Crowder	NYJ	WR	26	4	9.12	108.4	8.1	7.08	11.07	376
C.J. Anderson	DET	RB	28	6	9.12	108	10.8	6.03	12.1	211
Robert Woods	LAR	WR	27	6	9.11	107	9.7	6.07	11.05	316
Philip Rivers	LAC	QB	38	15	9.08	104.4	9.2	7.01	11.07	558
Kelvin Benjamin	FA	WR	28	5	9.08	104.4	8.7	6.09	11.04	282
LeGarrette Blount	FA	RB	33	9	9.07	103.1	11.1	5.1	11.06	205
David Njoku	CLE	TE	23	2	9.06	102.5	13.3	5.01	12.11	434
Los Angeles Rams	LAR	DST	49	49	9.05	101.3	7.6	7.02	11.02	297
Mike Williams	LAC	WR	25	2	9.04	99.8	7.9	6.03	10.09	475
Randall Cobb	DAL	WR	29	8	9.03	98.6	8.6	6.03	10.1	310
Nelson Agholor	PHI	WR	26	4	9.02	98.2	9.3	4.04	10.12	482
Jimmy Garoppolo	SFO	QB	28	5	9.02	97.7	11.2	3.05	11.01	358
Matthew Stafford	DET	QB	31	10	8.12	95.9	10.7	4.02	11.02	465
Tarik Cohen	CHI	RB	24	2	8.12	95.6	8.8	5.04	10.11	252
Jordan Reed	WAS	TE	29	6	8.1	94.3	11.6	6.05	12.03	385
Cooper Kupp	LAR	WR	26	2	8.09	92.6	8.6	5.09	10.04	483
Jacksonville Jaguars	JAC	DST	49	49	8.08	91.7	8.4	4.11	9.1	540
Chris Thompson	WAS	RB	29	6	8.07	90.7	8.6	5.04	10.02	372
Devin Funchess	IND	WR	25	4	8.05	88.6	8.9	5.1	10.04	495
Robby Anderson	NYJ	WR	26	3	8.04	87.8	8.5	4.01	10.04	547
Jordy Nelson	FA	WR	34	11	8.04	87.7	8.5	5.1	9.09	343
Aaron Jones	GBP	RB	25	2	8.03	87.5	7.4	6.01	9.11	429
Ronald Jones	TBB	RB	22	1	8.04	87.5	10.4	4.08	10.02	246
Adrian Peterson	WAS	RB	34	12	8.03	86.7	11.9	4.04	11.09	786
Andrew Luck	IND	QB	30	7	8.02	86.5	9.9	3.01	10.06	374
Marlon Mack	IND	RB	23	2	7.12	84.3	8.9	4.09	9.08	476
Delanie Walker	TEN	TE	35	13	7.11	83.3	8	6.03	10.04	342
Kirk Cousins	MIN	QB	31	7	7.1	82.1	9.1	4.11	10.02	347
Sammy Watkins	KCC	WR	26	5	7.1	81.7	7.4	5.1	9.05	451
Carson Wentz	PHI	QB	27	3	7.09	81.4	9.9	4.09	9.1	277
Sony Michel	NEP	RB	24	1	7.07	79.4	8.7	5.02	9.04	580
Isaiah Crowell	OAK	RB	26	5	7.06	78.4	8.8	5.01	9.06	517
Michael Crabtree	FA	WR	32	10	7.06	77.5	7	5.03	9.02	531
Kyle Rudolph	MIN	TE	30	8	7.06	77.5	8.5	5.01	10.11	346
Julian Edelman	NEP	WR	33	10	7.04	76.2	7.9	3.12	9.03	539
Rashaad Penny	SEA	RB	23	1	7.02	73.6	8.7	4.01	9.01	418
Evan Engram	NYG	TE	25	2	7.01	72.8	7.9	4.12	8.08	329
Alshon Jeffery	PHI	WR	29	7	6.12	72.3	8	5.02	9.05	366
Tevin Coleman	SFO	RB	26	4	6.12	71.7	8.1	4.1	8.12	562
Emmanuel Sanders	DEN	WR	32	9	6.11	70.8	7.1	4.06	8.09	694
Peyton Barber	TBB	RB	25	3	6.1	70.2	9.3	3.12	9.04	853
Trey Burton	CHI	TE	28	5	6.09	69.3	7.1	5.04	9.02	470
Will Fuller	HOU	WR	25	3	6.08	67.6	6.5	4.02	8.08	503
Cam Newton	CAR	QB	30	8	6.07	67.3	8.2	1.04	9.04	377



Golden Tate	NYG	WR	31	9	6.07	67	6.1	4.1	8.02	580
Corey Davis	TEN	WR	24	2	6.05	64.6	5.4	3.12	7.1	572
Drew Brees	NOS	QB	40	18	6.05	64.5	7.5	3.02	7.11	371
Dion Lewis	TEN	RB	29	8	6.01	61.5	7.4	3.07	7.11	520
Greg Olsen	CAR	TE	34	12	6.01	61.4	6.6	3.02	8.08	402
Chris Carson	SEA	RB	25	2	6.01	60.6	6.6	3.04	7.11	695
Marvin Jones	DET	WR	29	7	5.1	58.3	5.7	4.03	8.02	588
Rex Burkhead	NEP	RB	29	6	5.1	58.2	6.6	3.12	7.11	530
Russell Wilson	SEA	QB	31	7	5.1	57.9	7.5	1.01	7.03	396
Allen Robinson	CHI	WR	26	5	5.09	56.5	5.6	4.01	7.01	568
Jamaal Williams	GBP	RB	24	2	5.07	55.1	7.1	3.05	7.07	784
Marquise Goodwin	SFO	WR	29	6	5.06	54.3	5.2	3.09	6.08	682
Jarvis Landry	CLE	WR	27	5	5.06	53.5	5.2	3.11	6.07	618
Kerryon Johnson	DET	RB	22	1	5.05	52.8	6.2	3.04	6.11	545
Demaryius Thomas	NEP	WR	32	9	5.04	52.2	4.9	4.02	7.02	554
Tom Brady	NEP	QB	42	19	5.04	52.1	8.5	1.03	6.12	413
Jimmy Graham	GBP	TE	33	9	5.02	49.7	6.3	3.02	6.09	408
Carlos Hyde	KCC	RB	29	5	5.01	48.5	5.7	3.02	6.12	763
Brandin Cooks	LAR	WR	26	5	4.12	48.4	5.1	3.06	6.03	541
Chris Hogan	CAR	WR	31	8	4.1	46.1	4.7	2.04	5.11	649
Zach Ertz	PHI	TE	29	6	4.09	44.8	5.4	2.01	5.1	530
Mark Ingram	BAL	RB	30	8	4.08	44.1	4.9	3.01	5.12	599
Josh Gordon	NEP	WR	28	7	4.08	43.7	5.7	2.06	5.12	487
Marshawn Lynch	FA	RB	33	12	4.07	43.1	4.5	2.1	5.1	612
Larry Fitzgerald	ARI	WR	36	15	4.07	43	4.3	3.02	6.01	549
Deshaun Watson	HOU	QB	24	2	4.06	42.4	7.1	2.01	6.06	406
JuJu Smith-Schuster	PIT	WR	23	2	4.04	40.4	4.5	1.04	5.1	569
Jay Ajayi	FA	RB	26	4	4.03	39.3	5.3	2.09	6.02	647
Adam Thielen	MIN	WR	29	5	4.02	38.2	4.3	2.04	5.03	644
Amari Cooper	DAL	WR	25	4	3.12	36	4.2	2.07	4.11	682
Kenyan Drake	MIA	RB	25	3	3.12	35.5	4.5	2.04	4.12	857
Doug Baldwin	FA	WR	31	8	3.11	35	4.4	2.11	5.06	564
Lamar Miller	HOU	RB	28	7	3.11	34.7	4.3	2.11	5.06	753
Travis Kelce	KCC	TE	30	6	3.1	33.6	4.6	2.03	4.11	601
Jerick McKinnon	SFO	RB	27	5	3.08	31.9	4.1	2.05	4.08	524
Aaron Rodgers	GBP	QB	36	14	3.06	30.5	6	1.02	4.12	551
T.Y. Hilton	IND	WR	30	7	3.06	29.8	3.7	2.05	4.05	641
Royce Freeman	DEN	RB	23	1	3.06	29.6	4.1	2.01	4.07	754
LeSean McCoy	BUF	RB	31	10	3.04	28.3	4.1	2.02	4.05	592
Stefon Diggs	MIN	WR	26	4	3.04	28.2	3.2	2.06	4.01	585
Tyreek Hill	KCC	WR	25	3	3.04	27.9	3.6	2.01	4.03	695
Mike Evans	TBB	WR	26	5	3.03	26.8	2.8	2.07	4.01	529
Alex Collins	FA	RB	25	3	3.02	25.9	3.6	2.04	4.02	589
Derrick Henry	TEN	RB	25	3	3.01	24.5	3.9	1.12	3.12	459



A.J. Green	CIN	WR	31	8	2.11	22.8	2.4	2.04	3.07	759
Rob Gronkowski	FA	TE	30	9	2.09	21.4	3.2	1.02	3.07	659
Joe Mixon	CIN	RB	23	2	2.09	20.8	2.9	2.01	3.06	632
Keenan Allen	LAC	WR	27	6	2.09	20.7	2.3	1.12	3.06	681
Davante Adams	GBP	WR	27	5	2.07	19.1	2.5	1.12	3.05	711
Michael Thomas	NOS	WR	26	3	2.06	18.1	2.5	1.1	3.06	739
Devonta Freeman	ATL	RB	27	5	2.05	17.3	2.4	1.09	3.01	650
Jordan Howard	PHI	RB	25	3	2.04	15.9	2.5	1.08	2.11	671
Julio Jones	ATL	WR	30	8	2.03	15.1	2.3	1.04	2.1	696
Christian McCaffrey	CAR	RB	23	2	2.02	14	2	1.07	2.1	736
Dalvin Cook	MIN	RB	24	2	2.01	13.2	2	1.06	2.08	690
Odell Beckham	CLE	WR	27	5	1.12	12.3	2.1	1.02	2.05	698
DeAndre Hopkins	HOU	WR	27	6	1.11	11.1	1.9	1.03	2.05	699
Kareem Hunt	CLE	RB	24	2	1.1	10	1.9	1.04	2.04	711
Melvin Gordon	LAC	RB	26	4	1.09	8.8	1.7	1.03	2.03	793
Leonard Fournette	JAC	RB	24	2	1.08	7.8	1.7	1.01	2.01	708
Alvin Kamara	NOS	RB	23	2	1.07	6.8	1.6	1.01	1.12	642
Antonio Brown	OAK	WR	31	9	1.06	6.5	1.7	1.01	2.02	673
Saquon Barkley	NYG	RB	22	1	1.06	5.8	1.5	1.01	1.12	592
Ezekiel Elliott	DAL	RB	24	3	1.04	3.7	1.3	1.01	1.08	629
David Johnson	ARI	RB	28	4	1.03	3.4	1.2	1.01	1.09	635
Le'Veon Bell	NYJ	RB	27	6	1.03	2.6	0.9	1.01	1.05	699
Todd Gurley	LAR	RB	25	4	1.01	1.4	0.6	1.01	1.04	709

