



# New York Mets

Midseason Talent Acquisition Strategy

Appendix

Prepared for Don Wedding, GM  
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## New York Mets Analytics

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### Statistics & Terminology

The Baseball Cube Statistics Glossary (Traditional Batting Statistics)

[http://www.thebaseballcube.com/about/stats\\_glossary.asp](http://www.thebaseballcube.com/about/stats_glossary.asp)

MLB Advanced Statistics Glossary (Advanced Batting Statistics)

<http://m.mlb.com/glossary/advanced-stats>

Key Advanced Batting Statistics:

- Wins Above Replacement (WAR): “WAR measures a player's value in all facets of the game by deciphering how many more wins he's worth than a replacement-level player at his same position (e.g., a Minor League replacement or a readily available fill-in free agent).

For example, if a shortstop and a first baseman offer the same overall production (on offense, defense and the basepaths), the shortstop will have a better WAR because his position sees a lower level of production from replacement-level players” (MLB Advanced Media).

- Weighted On-base Average (wOBA): “wOBA is a version of on-base percentage that accounts for how a player reached base -- instead of simply considering whether a player reached base. The value for each method of reaching base is determined by how much that event is worth in relation to projected runs scored (example: a double is worth more than a single).

For instance: In 2014, a home run was worth 2.101 times on base, while a walk was worth 0.69 times on base. So a player who went 1-for-4 with a home run and a walk would have a wOBA of .558 --  $(2.101 + 0.69 / 5 \text{ PAs})$ ” (MLB Advanced Media).

- Weighted Runs Created Plus (wRC+): “wRC+ takes the statistic Runs Created and adjusts that number to account for important external factors -- like ballpark or era. It's adjusted, so a wRC+ of 100 is league average and 150 would be 50 percent above league average.

For example, a player who plays his home games at hitter-friendly Coors Field will have a lower wRC+ than a player who posts identical stats at pitcher-friendly O.co Coliseum. The production of the player at Coors Field is deemed less impressive because of his ballpark's hitter-friendly nature” (MLB Advanced Media).



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- On-Base Plus Slugging Plus (OPS+): “OPS+ takes a player's on-base plus slugging percentage and normalizes the number across the entire league. It accounts for external factors like ballparks. It then adjusts so a score of 100 is league average, and 150 is 50 percent better than the league average.

For example, Miguel Cabrera's .895 OPS in 2014 was 50 percent better than the MLB average after being adjusted for league and park factors. As a result, his OPS+ was 150” (MLB Advanced Media).

- Weighted Runs Above Average (wRAA): “wRAA measures how many runs a hitter contributes, compared with an average player -- so a player with a 0 wRAA would be considered league average, offensively. It's calculated by finding the difference in the number of runs contributed between a player and the league average (which is determined by the league average wOBA).

Because wRAA uses wOBA to determine how many runs a player is worth, a player with an above-average wOBA will have an above-average wRAA. But -- unlike wOBA -- wRAA is a counting stat. As a result, players with a higher number of plate appearances can accrue a higher wRAA than an equal player with fewer plate appearances” (MLB Advanced Media).



### Data Sources Chart

#### NYM Analytics Data Sources:

Source Name	Description	Location	Acquisition
<b>Fangraphs</b>	Minor League Player batting and pitching data from 2006-Current	<a href="https://www.fangraphs.com/minorleaders.aspx">https://www.fangraphs.com/minorleaders.aspx</a>	Download
<b>Baseball Reference</b>	Minor League Player batting and pitching data from 1977 - 2017	<a href="https://www.baseball-reference.com/register/">https://www.baseball-reference.com/register/</a>	Web scraping
<b>The Baseball Cube</b>	Major League Data Player batting, fielding and pitching data from 1865 - 2017 & Minor League batting and pitching data from 1977- 2017	<a href="http://www.thebaseballcube.com">http://www.thebaseballcube.com</a>	Download
<b>Lahmans' MLB Database</b>	Major League Data Player batting, fielding and pitching data from 1865 - 2017	<a href="http://www.seanlahman.com/baseball-archive/statistics/">http://www.seanlahman.com/baseball-archive/statistics/</a>	Download
<b>The Baseball Prospectus</b>	Scouting reports for recent prospects	<a href="https://legacy.baseballprospectus.com/prospects/eyewitness.php">https://legacy.baseballprospectus.com/prospects/eyewitness.php</a>	Web scraping
<b>Sentiment Analysis - word list</b>	List of words implying positive/negative sentiment analysis, will be augmented to include "baseball terms"	<a href="https://www.cs.uic.edu/~liub/FBS/sentiment-analysis.html">https://www.cs.uic.edu/~liub/FBS/sentiment-analysis.html</a>	Download

 Primary Data Source



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### Logistic Results

The following tables show the coefficients from select logistic Made.it models. The remaining levels are available in txt format.

#### Rookie Logistic Results

Dependent variable:

MLB Career >= 3 Years

Rk_Avg_AB	0.3***	(0.1)	Rk_Avg_PA	0.3***	(0.1)
Rk_Avg_AB_HR	0	(0.0)	Rk_Avg_R	-0.1	(0.1)
Rk_Avg_Age	-0.1***	(0.0)	Rk_Avg_RBI	0.4***	(0.2)
Rk_Avg_BABIP	0.4	(0.7)	Rk_Avg_SB	-0.2	(0.6)
Rk_Avg_Bavg	0.3	(1.1)	Rk_Avg_SecA	0.8**	(0.4)
Rk_Avg_BB	0.5*	(0.2)	Rk_Avg_SF	1.5	(1.0)
Rk_Avg_BBpct	5.3**	(2.3)	Rk_Avg_SH	-42.4	(2,197.4)
Rk_Avg_CS	0.3	(1.4)	Rk_Avg_SLG	0.1	(0.3)
Rk_Avg_Dbl	-0.7	(0.5)	Rk_Avg_SO	-0.3***	(0.1)
Rk_Avg_G	-0.01**	(0.0)	Rk_Avg_SOpct	-28.5	(661.7)
Rk_Avg_GDP	0.2	(1.1)	Rk_Avg_TB	0.1	(0.1)
Rk_Avg_H	0.6***	(0.1)	Rk_Avg_teams	-0.4*	(0.2)
Rk_Avg_HBP	0.5	(0.7)	Rk_Avg_Tpl	-39	(1,295.8)
Rk_Avg_HR	0.5	(1.3)	Rk_Avg_wOBA	3.0***	(0.9)
Rk_Avg_IBB	-41.7	(3,642.1)	Rk_Avg_wRAA	0.01***	(0.0)
Rk_Avg_ISO	-2.7***	(0.9)	Rk_Avg_XBH	-0.004	(0.1)
Rk_Avg_K_BB	-0.2***	(0.0)	Rk_Avg_XBHpct	0.4***	(0.1)
Rk_Avg_OPS	0.1	(0.1)	Constant	1.1	(2.9)
Rk_Avg_orgs	-3	(2.9)			

Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01





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### A- Logistic Results

Dependent variable:					
MLB Career >= 3 Years					
Rk_Avg_AB	0.2	(0.2)	Low_A_Avg_AB_HR	0.001	(0.0)
Rk_Avg_AB_HR	0.001	(0.0)	Low_A_Avg_Age	-0.5***	(0.0)
Rk_Avg_Age	0.2***	(0.0)	Low_A_Avg_BABIP	-23	(1,111.2)
Rk_Avg_BABIP	-2.6	(1.6)	Low_A_Avg_Bavg	17.7	(5,846.1)
Rk_Avg_Bavg	5.9***	(2.3)	Low_A_Avg_BB	0.3	(0.4)
Rk_Avg_BB	-0.3	(0.4)	Low_A_Avg_BBpct	3.1	(5,896.4)
Rk_Avg_BBpct	-41.6	(6,712.2)	Low_A_Avg_CS	6.6**	(3.1)
Rk_Avg_CS	-1.1	(2.1)	Low_A_Avg_Dbl	-6.4***	(1.8)
Rk_Avg_Dbl	1.8**	(0.8)	Low_A_Avg_G	-0.004	(0.0)
Rk_Avg_G	-0.01**	(0.0)	Low_A_Avg_GDP	-0.8	(2.0)
Rk_Avg_GDP	-0.5	(1.8)	Low_A_Avg_H	0.4***	(0.1)
Rk_Avg_H	-0.1	(0.2)	Low_A_Avg_HBP	-2.2	(2.5)
Rk_Avg_HBP	-1.1	(1.3)	Low_A_Avg_HR	-6.7***	(2.1)
Rk_Avg_HR	0.6	(1.8)	Low_A_Avg_HRpct	-23.7	(4,321.7)
Rk_Avg_IBB	-39.8	(8,193.2)	Low_A_Avg_IBB	-31.8	(7,912.4)
Rk_Avg_ISO	-8.3**	(4.1)	Low_A_Avg_ISO	3.6*	(1.9)
Rk_Avg_K_BB	-0.1**	(0.1)	Low_A_Avg_K_BB	-0.2***	(0.0)
Rk_Avg_OPS	-0.1	(0.3)	Low_A_Avg_OBP	-24.3	(5,581.4)
Rk_Avg_orgs	-40.2	(1,613.0)	Low_A_Avg_OPS	0.2	(0.2)
Rk_Avg_PA	0.2	(0.2)	Low_A_Avg_orgs	-10.2	(2,287.6)
Rk_Avg_R	0.1	(0.2)	Low_A_Avg_PA	0.5***	(0.1)
Rk_Avg_RBI	0.5*	(0.3)	Low_A_Avg_R	0.4	(0.3)
Rk_Avg_SB	0.4	(0.9)	Low_A_Avg_RBI	0.6**	(0.3)
Rk_Avg_SecA	1.0*	(0.6)	Low_A_Avg_SB	-0.4	(1.0)
Rk_Avg_SF	-1.4	(1.4)	Low_A_Avg_SecA	-0.04	(0.8)
Rk_Avg_SH	-25.7	(4,077.3)	Low_A_Avg_SF	-11.1	(3,956.2)
Rk_Avg_SLG	-0.3	(0.5)	Low_A_Avg_SH	-26	(4,027.5)
Rk_Avg_SO	-0.2	(0.2)	Low_A_Avg_SLG	1.3**	(0.7)
Rk_Avg_SOpct	-31.3	(1,775.3)	Low_A_Avg_SO	-0.4***	(0.1)
Rk_Avg_TB	-0.1	(0.2)	Low_A_Avg_SOpct	-27.1	(1,028.4)
Rk_Avg_teams	-0.1	(0.5)	Low_A_Avg_TB	0.3**	(0.1)
Rk_Avg_Tpl	-44.3	(4,256.5)	Low_A_Avg_teams	-14	(1,962.3)
Rk_Avg_wOBA	8.1**	(4.1)	Low_A_Avg_Tpl	-1.9	(2.2)
Rk_Avg_wRAA	0.01	(0.0)	Low_A_Avg_wOBA	0	(2.2)
Rk_Avg_XBH	0.1	(0.3)	Low_A_Avg_wRAA	0.02***	(0.0)
Rk_Avg_XBPct	0.05	(0.2)	Low_A_Avg_XBH	-0.1	(0.2)
M_Rk_Avg_AB	-34.7	(1,613.0)	Low_A_Avg_XBPct	0.05	(0.1)
Low_A_Avg_AB	0.3***	(0.1)	Constant	64.5	(1,996.0)

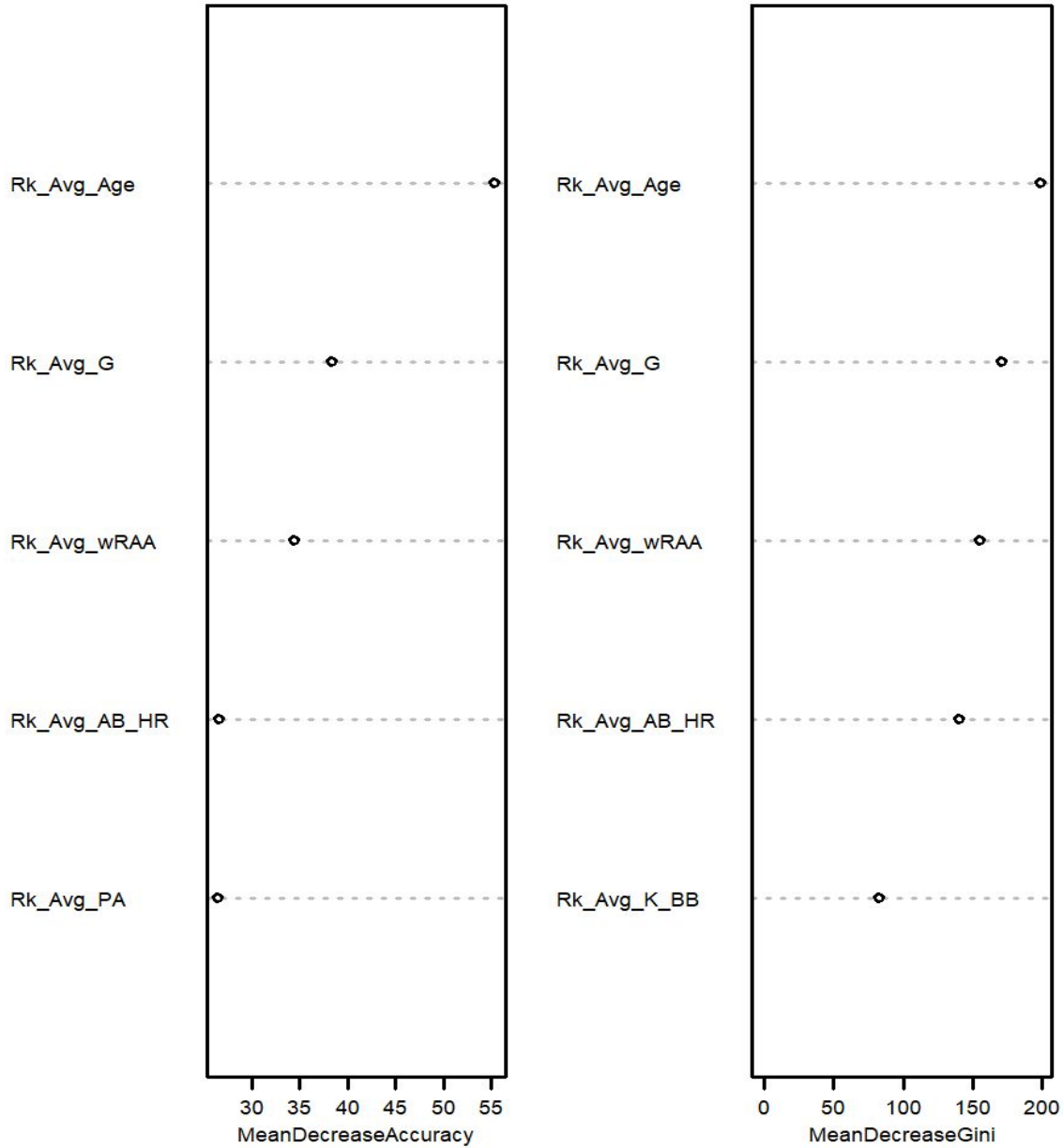
Note: \*p<0.1; \*\*p<0.05; \*\*\*p<0.01



### Random Forest Results

Below are the top 5 variables by importance, from the Random Forest model selected for the Made.it model.

Rookie League:



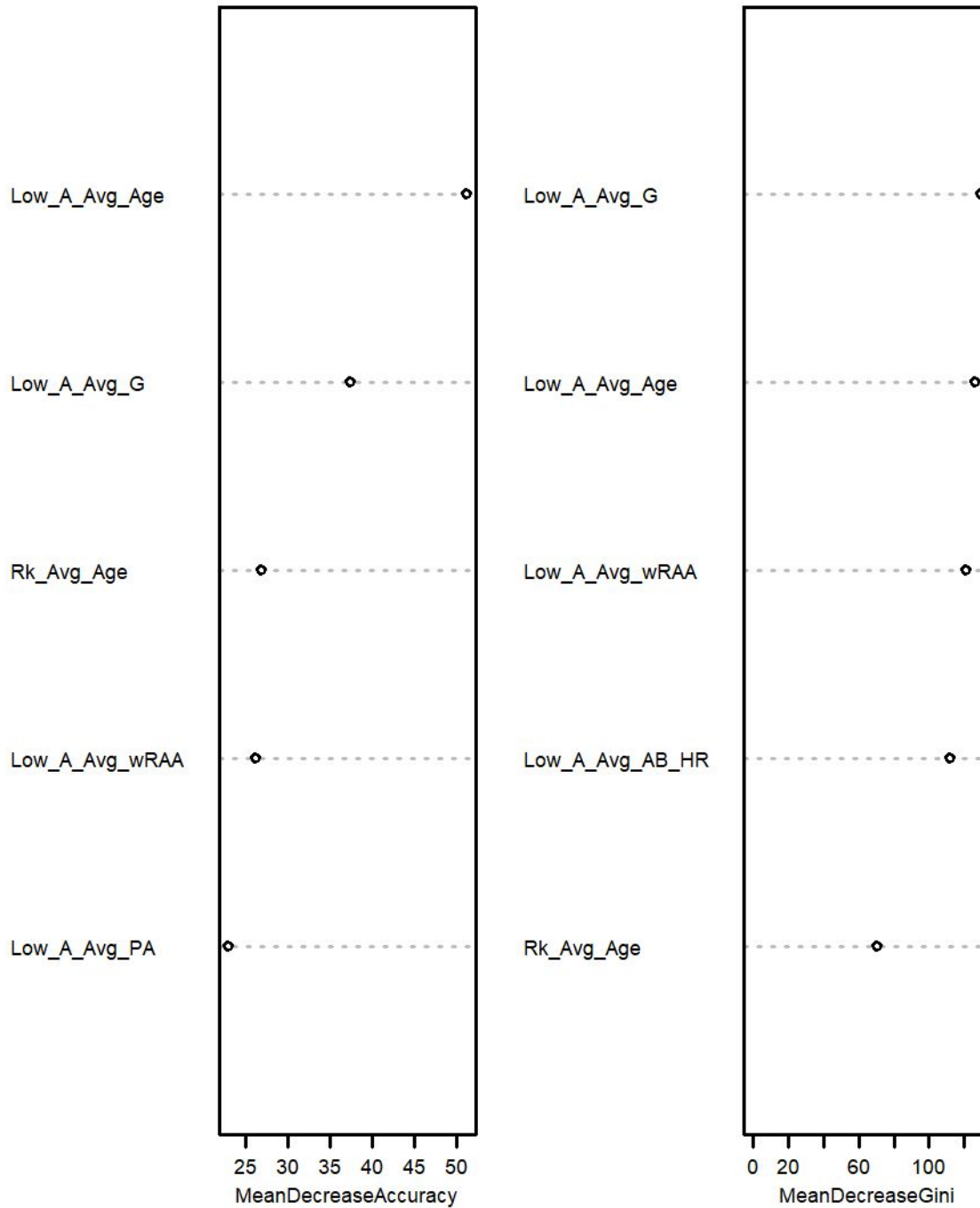




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A-:

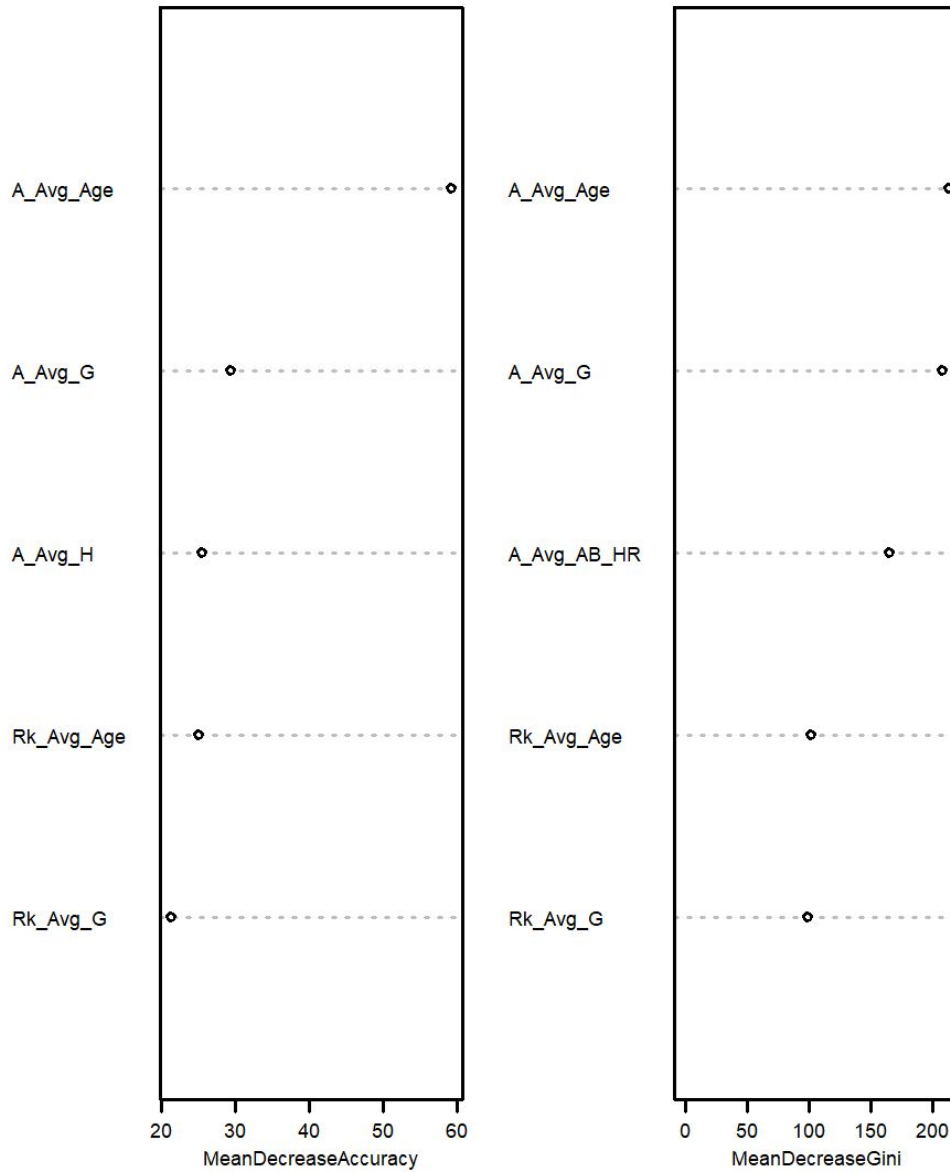




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A:

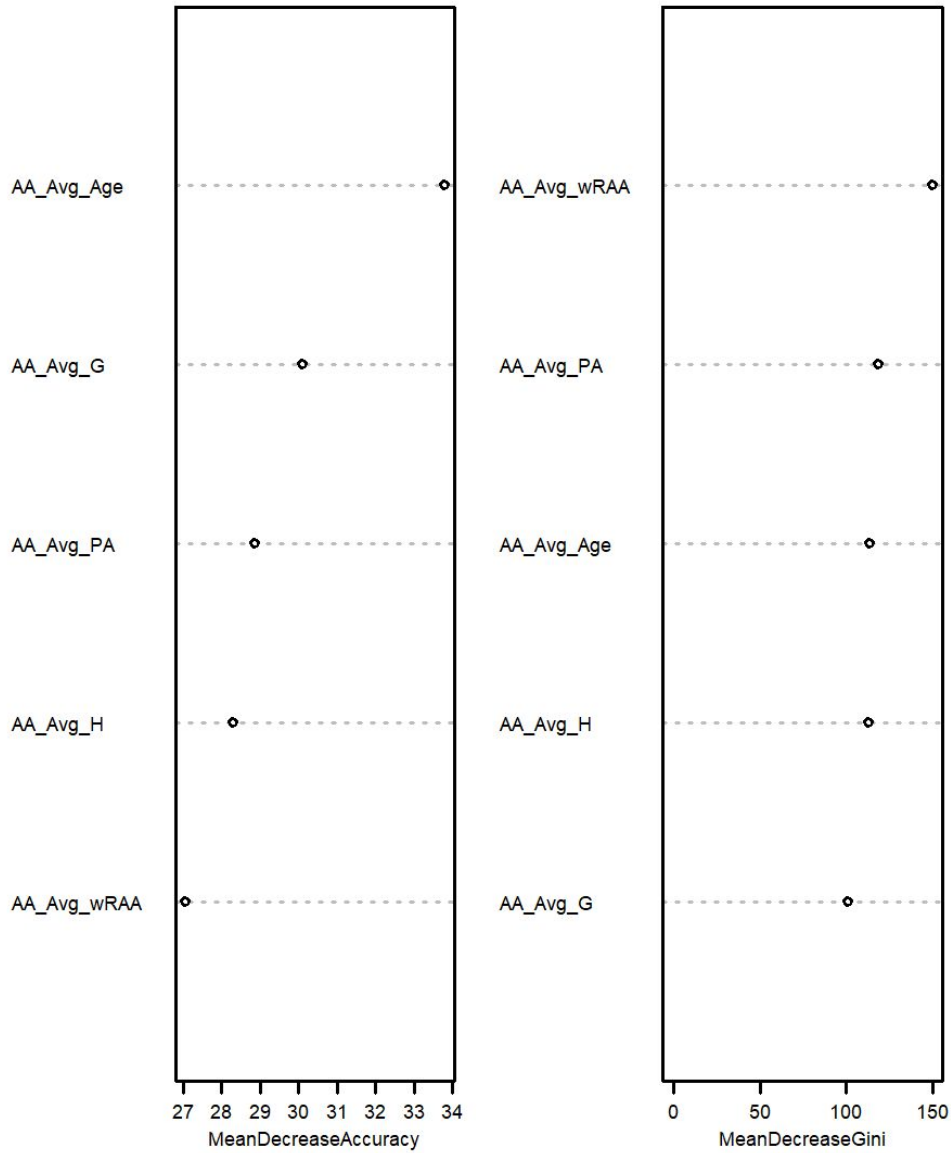




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AA:

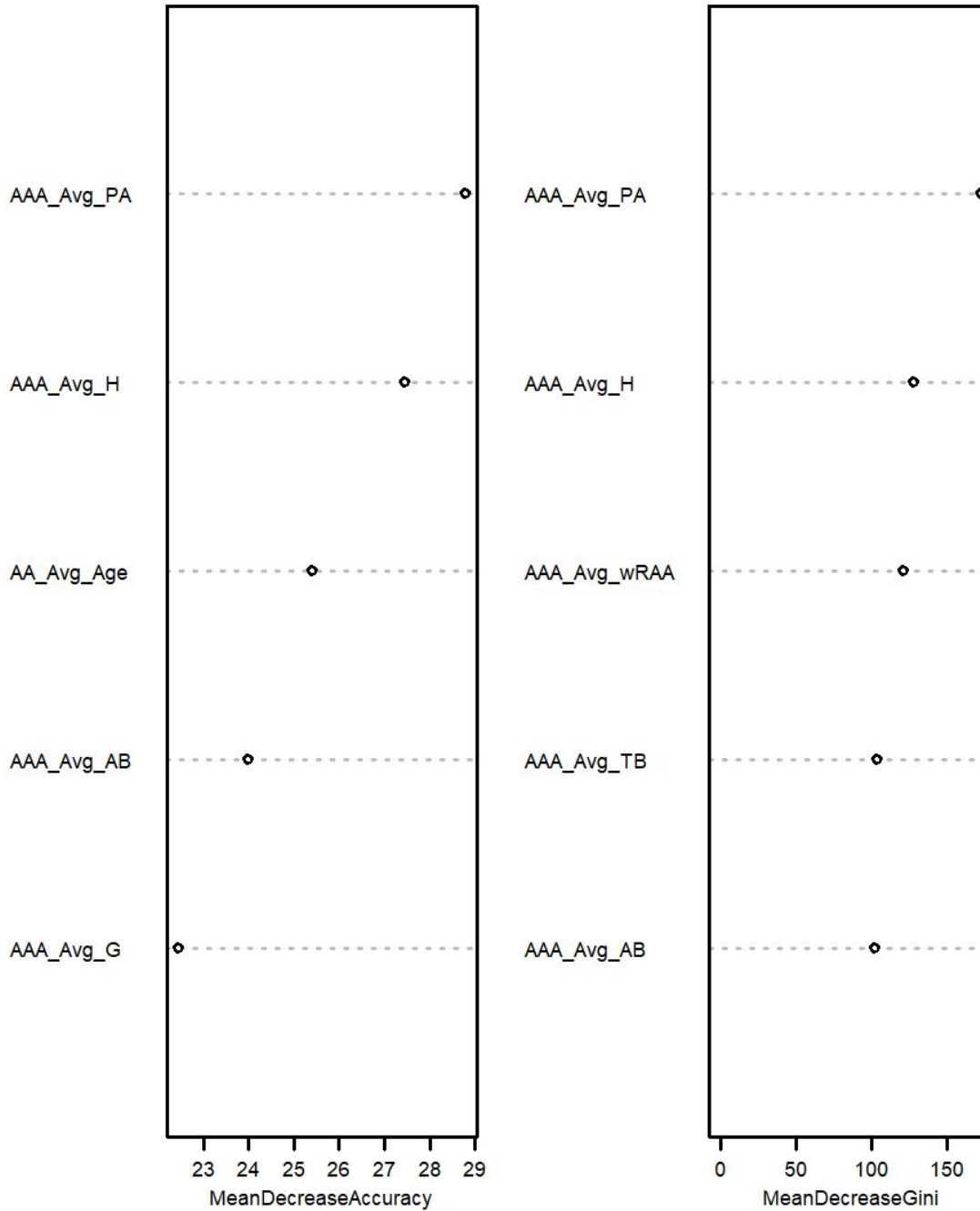




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AAA:





### Gradient Boosting Results

Below are the top 20 variables by importance, from the Gradient Boosting model selected for the WAR model. While age is consistent with the Made It model, we find that playing statistics are better predictors of career WAR than total games or plate appearances for a particular level.

#### Rookie League:

Variable: Rk_Avg_Age	Importance: 0.07
Variable: Rk_Avg_CS_norm	Importance: 0.06
Variable: Rk_Avg_AB_HR_norm	Importance: 0.05
Variable: Rk_Avg_IBB_norm	Importance: 0.03
Variable: Rk_Avg_wOBA_norm	Importance: 0.03
Variable: Rk_Avg_Bavg	Importance: 0.02
Variable: Rk_Avg_BB	Importance: 0.02
Variable: Rk_Avg_HBP_norm	Importance: 0.02
Variable: Rk_Avg_HRpct_norm	Importance: 0.02
Variable: Rk_Avg_OBP	Importance: 0.02
Variable: Rk_Avg_orgs_norm	Importance: 0.02
Variable: Rk_Avg_R_norm	Importance: 0.02
Variable: Rk_Avg_SB	Importance: 0.02
Variable: Rk_Avg_SecA	Importance: 0.02
Variable: Rk_Avg_SH_norm	Importance: 0.02
Variable: Rk_Avg_SLG	Importance: 0.02
Variable: Rk_Avg_AB_norm	Importance: 0.01
Variable: Rk_Avg_BABIP	Importance: 0.01
Variable: Rk_Avg_BABIP_norm	Importance: 0.01
Variable: Rk_Avg_Bavg_norm	Importance: 0.01

#### Low A:

Variable: Low_A_Avg_AB_HR	Importance: 0.05
Variable: Low_A_Avg_HBP_norm	Importance: 0.04
Variable: Rk_Avg_GDP_norm	Importance: 0.03
Variable: Low_A_Avg_OPS_norm	Importance: 0.03
Variable: Low_A_Sum_SecA	Importance: 0.03
Variable: Rk_Avg_HRpct_norm	Importance: 0.02
Variable: Low_A_Avg_Age	Importance: 0.02
Variable: Low_A_Avg_CS_norm	Importance: 0.02
Variable: Low_A_Avg_OBP_norm	Importance: 0.02
Variable: Low_A_Avg_OPS	Importance: 0.02
Variable: Low_A_Avg_SecA_norm	Importance: 0.02
Variable: Low_A_Avg_SOpct_norm	Importance: 0.02
Variable: Low_A_Avg_SO_norm	Importance: 0.02
Variable: Low_A_Avg_Tpl_norm	Importance: 0.02
Variable: Low_A_Sum_BABIP	Importance: 0.02
Variable: Low_A_Sum_SO	Importance: 0.02
Variable: Rk_Avg_Age	Importance: 0.01
Variable: Rk_Avg_BB_norm	Importance: 0.01
Variable: Rk_Avg_Dbl	Importance: 0.01
Variable: Rk_Avg_HBP_norm	Importance: 0.01



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A:

Variable: A_Avg_Age	Importance: 0.09
Variable: A_Avg_wOBA_norm	Importance: 0.06
Variable: A_Avg_PA	Importance: 0.05
Variable: A_Avg_Tpl_norm	Importance: 0.03
Variable: A_Sum_BBpct	Importance: 0.03
Variable: A_Sum_IBB	Importance: 0.03
Variable: Rk_Avg_Age	Importance: 0.02
Variable: Low_A_Sum_SO	Importance: 0.02
Variable: A_Avg_BABIP	Importance: 0.02
Variable: A_Avg_Bavg_norm	Importance: 0.02
Variable: A_Avg_HRpct_norm	Importance: 0.02
Variable: A_Avg_IBB_norm	Importance: 0.02
Variable: A_Avg_RBI_norm	Importance: 0.02
Variable: A_Avg_SH_norm	Importance: 0.02
Variable: Rk_Avg_AB_HR_norm	Importance: 0.01
Variable: Rk_Avg_BB_norm	Importance: 0.01
Variable: Rk_Avg_IBB_norm	Importance: 0.01
Variable: Rk_Avg_ISO_norm	Importance: 0.01
Variable: Rk_Avg_Tpl_norm	Importance: 0.01
Variable: Rk_Sum_SO	Importance: 0.01

High A:

Variable: High_A_Avg_Age	Importance: 0.11
Variable: High_A_Sum_SecA	Importance: 0.05
Variable: High_A_Avg_BBpct_norm	Importance: 0.04
Variable: High_A_Avg_SecA	Importance: 0.04
Variable: High_A_Avg_HRpct_norm	Importance: 0.03
Variable: High_A_Avg_K_BB_norm	Importance: 0.03
Variable: High_A_Avg_IBB_norm	Importance: 0.02
Variable: High_A_Avg_SOpct_norm	Importance: 0.02
Variable: High_A_Avg_wOBA_norm	Importance: 0.02
Variable: Rk_Avg_HR_norm	Importance: 0.01
Variable: Low_A_Avg_Age	Importance: 0.01
Variable: Low_A_Avg_SOpct	Importance: 0.01
Variable: A_Avg_Age	Importance: 0.01
Variable: A_Avg_G	Importance: 0.01
Variable: A_Avg_GDP_norm	Importance: 0.01
Variable: A_Avg_H	Importance: 0.01
Variable: A_Avg_PA_norm	Importance: 0.01
Variable: A_Avg_SH_norm	Importance: 0.01
Variable: A_Avg_wOBA_norm	Importance: 0.01
Variable: A_Sum_BABIP	Importance: 0.01





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AA:

Variable: High_A_Avg_Age	Importance: 0.1
Variable: AA_Avg_wRAA	Importance: 0.06
Variable: AA_Avg_Age	Importance: 0.04
Variable: AA_Avg_BABIP_norm	Importance: 0.02
Variable: AA_Avg_OBP	Importance: 0.02
Variable: AA_Sum_wRAA	Importance: 0.02
Variable: High_A_Sum_SecA	Importance: 0.02
Variable: Rk_Avg_CS_norm	Importance: 0.01
Variable: Low_A_Avg_SecA_norm	Importance: 0.01
Variable: Low_A_Sum_SB	Importance: 0.01
Variable: AA_Avg_AB_HR	Importance: 0.01
Variable: AA_Avg_BABIP	Importance: 0.01
Variable: AA_Avg_Bavg	Importance: 0.01
Variable: AA_Avg_Bavg_norm	Importance: 0.01
Variable: AA_Avg_BBpct_norm	Importance: 0.01
Variable: AA_Avg_GDP_norm	Importance: 0.01
Variable: AA_Avg_IBB	Importance: 0.01
Variable: AA_Avg_K_BB	Importance: 0.01
Variable: AA_Avg_OBP_norm	Importance: 0.01
Variable: AA_Avg_OPS_norm	Importance: 0.01

AAA:

Variable: AAA_Avg_AB_HR_norm	Importance: 0.07
Variable: AAA_Avg_GDP_norm	Importance: 0.06
Variable: AAA_Avg_IBB_norm	Importance: 0.05
Variable: AAA_Sum_G	Importance: 0.04
Variable: AAA_Avg_Age	Importance: 0.03
Variable: AAA_Avg_Bavg_norm	Importance: 0.03
Variable: High_A_Avg_Age	Importance: 0.03
Variable: AAA_Avg_Dbl_norm	Importance: 0.02
Variable: AAA_Sum_K_BB	Importance: 0.02
Variable: AAA_Avg_AB_HR	Importance: 0.01
Variable: AAA_Avg_AB_norm	Importance: 0.01
Variable: AAA_Avg_G	Importance: 0.01
Variable: AAA_Avg_H_norm	Importance: 0.01
Variable: AAA_Avg_K_BB_norm	Importance: 0.01
Variable: AAA_Avg_OPS	Importance: 0.01
Variable: AAA_Avg_orgs_norm	Importance: 0.01
Variable: AAA_Avg_RBI_norm	Importance: 0.01
Variable: AAA_Avg_SF_norm	Importance: 0.01
Variable: AAA_Avg_SH_norm	Importance: 0.01
Variable: AAA_Avg_SO_norm	Importance: 0.01





### Mets' Prospect Tables

The following tables show the likelihood of the Mets' prospects and their expected WAR, based on their career statistics in each level of the minor leagues as of 2017. All players have appeared in less than two MLB seasons. Prospects may be called up to replace injured players while not being ready for a full time position, limiting the number of years they have appeared in the MLB helps clarify a prospect versus a player who has successfully graduated to the major leagues. This list only includes positive eWAR players.

Mets AAA Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Dominic Smith	1B	AAA	8.0	29%	2.3
Jeff McNeil	2B	AAA	9.7	18%	1.7
Amed Rosario	SS	AAA	9.9	16%	1.5
Josh Rodriguez	3B	AAA	3.2	45%	1.4
Travis Taijeron	OF	AAA	3.6	34%	1.3
Phillip Evans	SS	AAA	5.6	14%	0.8
L.J. Mazzilli	2B	AAA	7.0	8%	0.6
Cody Decker	1B	AAA	3.5	13%	0.4
Jhoan Urena	3B	AAA	7.3	6%	0.4
Gustavo Nunez	2B-SS	AAA	4.5	9%	0.4
John Mora	OF	AAA	7.5	3%	0.3
Xorge Carrillo	C	AAA	7.8	3%	0.2
Victor Cruzado	OF	AAA	5.1	5%	0.2
Arnaldo Berrios	CF	AAA	11.0	1%	0.2
Jayce Boyd	1B	AAA	6.5	2%	0.1
Jeffrey Glenn	C	AAA	8.7	1%	0.1
Dale Burdick	SS	AAA	10.1	1%	0.1
Jio Mier	SS	AAA	4.3	1%	0.1



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Mets AA Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Peter Alonso	IF	AA	4.4	84%	3.7
Luis Guillorme	SS	AA	5.5	58%	3.2
Kevin Kaczmarek	OF	AA	5.4	15%	0.8
Kevin Taylor	2B	AA	5.6	13%	0.7
David Thompson	OF	AA	5.2	13%	0.7
Matt Oberste	1B	AA	4.8	13%	0.7
Patrick Mazeika	C-1B	AA	5.2	11%	0.6
Tomas Nido	C	AA	4.2	9%	0.4
Champ Stuart	OF	AA	3.9	6%	0.2
Colton Plaia	C	AA	3.6	3%	0.1
Tyler Moore	C-IF	AA	4.0	2%	0.1
Jean Rodriguez	3B-SS	AA	6.3	1%	0.1
Patrick Biondi	OF	AA	4.0	1%	0.1

Mets A+ Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Anthony Dimino	C	A+	7.4	33%	2.5
Victor Moscote	DH	A+	6.6	30%	1.9
Ian Strom	CF	A+	10.6	10%	1.0
Michael Paez	SS	A+	5.8	16%	0.9
Wuylmer Becerra	RF-OF	A+	6.0	12%	0.7
Nick Sergakis	3B	A+	5.6	12%	0.7
Jacob Zanon	CF	A+	6.8	8%	0.5
Eudor Garcia	IF	A+	6.1	7%	0.4
Leon Byrd	2B	A+	6.3	6%	0.4
Vinny Siena	IF	A+	5.5	4%	0.2
Brandon Brosher	OF	A+	8.3	2%	0.2
Enmanuel Zabala	OF	A+	5.9	2%	0.1
Colby Woodmans	IF	A+	6.1	2%	0.1
Jeff Diehl	1B-RF	A+	7.4	1%	0.1
Daniel Rizzie	C	A+	6.1	1%	0.1
J.J. Franco	SS	A+	6.2	1%	0.0
Jose Garcia	C	A+	5.8	1%	0.0
Tim Tebow	OF	A+	6.5	0%	0.0



# Midseason Talent Acquisition Strategy

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Mets A Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Andres Gimenez	SS	A	11.1	32%	3.6
Luis Carpio	SS	A	6.8	14%	0.9
Dash Winningham	1B	A	5.6	11%	0.6
Gene Cone	OF	A	5.6	9%	0.5
Desmond Lindsay	OF	A	5.6	9%	0.5
Oliver Pascual	SS	A	9.7	2%	0.2
Blake Tiberi	IF	A	5.8	3%	0.2
Jay Jabs	3B	A	5.8	3%	0.2
Milton Ramos	SS	A	5.6	2%	0.1
Ali Sanchez	C	A	5.7	2%	0.1
Reed Gamache	IF	A	5.6	1%	0.1
Natanael Ramos	C	A	6.0	0%	0.0
Ricardo Cespedes	OF	A	13.1	0%	0.0

Mets A- Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Matt Winaker	OF	A-	7.8	11%	0.8
Walter Rasquin	1B	A-	9.9	6%	0.6
Edgardo Fermin	SS	A-	7.8	6%	0.5
Yeffry De Aza	IF	A-	4.6	8%	0.4
Wagner Lagrange	OF	A-	6.0	4%	0.3
Jeremy Vasquez	1B-OF	A-	4.1	4%	0.2
Scott Manea	C	A-	5.8	3%	0.2
Dylan Snypes	SS	A-	7.0	2%	0.1
Guillermo Granadi	OF	A-	5.6	2%	0.1
Carlos Sanchez	C	A-	5.2	1%	0.1
Carl Stajduhar	C-IF	A-	5.0	1%	0.1
Jeremy Wolf	OF	A-	4.4	1%	0.1
Franklin Correa	2B	A-	7.2	1%	0.1
Dionis Paulino	OF	A-	6.8	0%	0.0
Jose Maria	C	A-	5.1	0%	0.0
Cecilio Aybar	SS	A-	7.1	0%	0.0
Matthew Foley	C	A-	5.8	0%	0.0
Tim Tebow	OF	A+	6.5	0%	0.0



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Mets Rookie League Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Luis Santana	2B	Rk	7.9	13%	1.1
Moises Gonzalez	OF	Rk	16.0	6%	1.0
Wilfred Astudillo	C	Rk	8.7	11%	0.9
Jean Carlos Soto	OF	Rk	10.6	8%	0.8
Jhoander Saez	OF	Rk	7.0	12%	0.8
Jeison Rodriguez	OF	Rk	16.7	4%	0.7
Shervyen Newton	SS	Rk	6.5	11%	0.7
Jorge Martinez	C	Rk	12.8	5%	0.7
Alexis Marquez	3B	Rk	12.6	5%	0.6
Juan De La Rosa	OF	Rk	6.9	9%	0.6
Sebastian Espino	SS	Rk	7.2	8%	0.6
Kenny Hernandez	SS	Rk	10.8	5%	0.5
Ranfy Adon	OF	Rk	6.0	8%	0.5
Rigoberto Terrazas	3B	Rk	6.3	7%	0.5
Pedro Ventura	SS	Rk	10.8	4%	0.5
Anthony Dirocie	OF	Rk	10.4	4%	0.5
Luis Montero	3B	Rk	6.9	7%	0.5
Cristopher Pujols	3B	Rk	7.8	6%	0.4
Hansel Moreno	SS	Rk	7.2	6%	0.4
Kevin Torres	C	Rk	7.9	5%	0.4
Juan Uriarte	C	Rk	7.0	5%	0.4
Wilmer Reyes	SS	Rk	6.9	6%	0.4
Anderson Bohorquez	SS	Rk	6.4	6%	0.4
Domingo Martinez	C	Rk	6.6	5%	0.4
Jose Peroza	3B	Rk	6.6	5%	0.3
Grabiell Jimenez	OF	Rk	7.7	4%	0.3





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Mets Rookie League Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Gregory Guerrero	SS	Rk	6.0	5%	0.3
Raphael Gladu	OF	Rk	5.8	5%	0.3
Wilmy Valdez	1B	Rk	12.5	2%	0.3
Raul Beracierta	OF	Rk	6.9	4%	0.3
Angel Manzanarez	SS	Rk	6.0	5%	0.3
Tulio Garcia	OF	Rk	12.4	2%	0.3
David Lozano	2B	Rk	6.6	4%	0.3
Danny Hoy	IF	Rk	6.8	4%	0.3
Alejandro Medina	DH	Rk	7.5	3%	0.3
Yoel Romero	SS	Rk	6.0	4%	0.3
Mark Vientos	3B	Rk	6.1	4%	0.2
Edinson Valdez	OF	Rk	5.9	3%	0.2
Luis Lebron	C	Rk	6.9	3%	0.2
Andres Regnault	C	Rk	5.4	3%	0.2
Rafael Valdez	SS	Rk	6.2	3%	0.2
Robby Kidwell	C	Rk	9.3	2%	0.2
Jack Schneider	CF	Rk	6.1	2%	0.1
Kenneth Bautista	OF	Rk	5.6	2%	0.1
Eulises Sanchez	OF	Rk	5.3	2%	0.1
Gilberto Espinoza	OF	Rk	6.4	1%	0.1
Gavin Garay	SS	Rk	5.5	2%	0.1
Jose Mena	C	Rk	5.8	1%	0.1
Kevin Hall	C	Rk	5.3	1%	0.1
Julio Rene	OF	Rk	5.3	1%	0.1
Yordin Araujo	OF	Rk	5.3	1%	0.1
Ezequiel Pena	OF	Rk	11.8	0%	0.0



### Mariners' Prospect Tables

The following tables show the likelihood of the Mariners' prospects and their expected WAR, based on their career statistics in each level of the minor leagues as of 2017. All players have appeared in less than two MLB seasons. Prospects may be called up to replace injured players while not being ready for a full time position, limiting the number of years they have appeared in the MLB helps clarify a prospect versus a player who has successfully graduated to the major leagues.

Mariners AAA Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Eric Filia	OF	AAA	17.0	15%	2.5
Tyler O'Neill	OF	AAA	9.0	21%	1.9
Gianfranco Wawoe	2B	AAA	10.3	16%	1.6
Seth Mejias-Brean	1B-3B	AAA	4.9	34%	1.6
Ryan Scott	C	AAA	11.9	14%	1.6
Andrew Aplin	OF	AAA	4.3	30%	1.3
Ian Miller	OF	AAA	8.2	11%	0.9
D.J. Peterson	3B	AAA	4.6	18%	0.8
Kevin Santa	SS	AAA	8.6	8%	0.7
Joseph Rosa	SS	AAA	17.4	4%	0.7
Mike Marjama	C	AAA	4.6	15%	0.7
Ryan Casteel	C	AAA	6.1	11%	0.7
Logan Taylor	IF	AAA	11.6	5%	0.6
Austin Grebeck	OF	AAA	10.5	6%	0.6
Tyler Smith	SS	AAA	5.3	10%	0.6
Dario Pizzano	OF	AAA	7.0	6%	0.4
Danny Muno	2B	AAA	4.0	6%	0.2
Zach Shank	2B-SS	AAA	4.4	5%	0.2
Chantz Mack	OF	AAA	9.9	2%	0.2
Sebastian Valle	C	AAA	4.4	3%	0.2
Steven Baron	C	AAA	4.5	3%	0.1
Joey Wong	SS-3B	AAA	4.2	3%	0.1
Alexander Capriata	C	AAA	8.8	1%	0.1
Eugene Helder	SS	AAA	11.4	1%	0.1
Rayder Ascanio	SS	AAA	11.9	1%	0.1
Marcus Littlewood	C	AAA	11.3	0%	0.0
Brock Hebert	SS-2B	AAA	10.6	0%	0.0
Jhombeyker Morales	SS	AAA	12.7	0%	0.0
Daniel Torres	C	AAA	11.3	0%	0.0
Brayan Hernandez	OF	AAA	11.7	0%	0.0



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Mariners AA Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Braden Bishop	OF	AA	6.2	60%	3.7
Joey Curletta	RF-OF	AA	4.4	32%	1.4
Tyler Marlette	C	AA	4.0	28%	1.1
Chuck Taylor	OF	AA	4.2	18%	0.8
Chris Mariscal	SS	AA	4.2	15%	0.6
Keury De la cruz	OF	AA	4.2	14%	0.6
Luis Liberato	OF	AA	6.4	9%	0.6
Jordan Cowan	2B-SS	AA	6.8	6%	0.4
Jay Baum	IF-OF	AA	3.8	9%	0.4
Justin Seager	1B-3B	AA	5.6	4%	0.2
Adam Law	OF-3B	AA	4.6	3%	0.2
Nelson Ward	IF	AA	3.7	4%	0.1
Willie Argo	OF	AA	3.7	3%	0.1
Kyle Petty	1B	AA	3.7	2%	0.1

Mariners A+ Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Gareth Morgan	OF	A+	8.8	35%	3.0
Donnie Walton	SS	A+	5.9	38%	2.2
Kyle Lewis	OF	A+	5.6	14%	0.8
Joe Rizzo	3B	A+	6.1	8%	0.5
Joe DeCarlo	3B	A+	6.0	7%	0.4
Ricky Eusebio	OF	A+	5.8	7%	0.4
Arturo Nieto	C	A+	5.5	1%	0.0

Mariners A Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Anthony Jimenez	OF	A	7.4	18%	1.4
Nick Zammarelli	3B	A	5.9	12%	0.7
Bryson Brigman	SS	A	5.7	10%	0.6
Johnny Slater	CF	A	9.4	4%	0.3
Dimas Ojeda	LF	A	5.6	5%	0.3
Luis Rengifo	2B	A	5.9	4%	0.2
Johan Quevedo	C	A	6.2	3%	0.2
Billy Cooke	OF-IF	A	5.6	3%	0.2
Nick Thurman	C	A	5.7	2%	0.1
Conner Hale	IF	A	5.6	1%	0.1
Kristian Brito	1B	A	5.6	1%	0.1
Louis Boyd	IF	A	6.0	1%	0.0





# Midseason Talent Acquisition Strategy

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Mariners A- Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Christopher Torres	SS	A-	7.1	13%	0.9
Johnny Adams	IF	A-	5.1	15%	0.7
Evan White	1B-OF	A-	8.7	8%	0.7
Geoandry Montil	1B	A-	5.1	11%	0.6
David Banuelos	C	A-	3.9	10%	0.4
Osmy Gregorio	2B	A-	8.1	2%	0.1
Joe Venturino	2B	A-	6.1	2%	0.1
Onil Pena	C	A-	5.3	2%	0.1
Jansiel Rivera	CF	A-	4.6	2%	0.1
Ronald Rosario	OF	A-	5.3	2%	0.1
Troy Dixon	C	A-	3.6	2%	0.1
Manny Pazos	C	A-	4.2	1%	0.0
Aaron Stroosma	OF	A-	6.5	1%	0.0
Greifer Andrade	SS	A-	2.8	1%	0.0
Jonas Lantigua	1B	A-	6.8	0%	0.0
Juan Camacho	C	A-	2.8	0%	0.0
James Lovett	C	A-	7.1	0%	0.0



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Mariners Rookie Propsects by eWAR					
Player	Position	Level	pWAR	pMade it	eWAR
Alexander Campos	SS	Rk	17.3	18%	3.1
Jack Larsen	OF	Rk	7.1	18%	1.3
Ryan Costello	IF	Rk	6.9	17%	1.2
Freuddy Batista	C	Rk	16.2	6%	0.9
Cesar Izturis	2B	Rk	9.9	9%	0.9
Nolan Perez	3B	Rk	6.9	8%	0.6
Sebastian Ochoa	OF	Rk	6.5	8%	0.5
Daniel Santos	C	Rk	10.4	5%	0.5
Danny Contreras	OF	Rk	10.8	5%	0.5
Luis Veloz	OF	Rk	17.0	3%	0.5
Ryan Garcia	1B	Rk	5.9	7%	0.4
Ismerling Mota	C	Rk	6.6	4%	0.3
Miguel Perez	OF	Rk	8.1	3%	0.3
Robert Perez	OF	Rk	8.5	3%	0.3
Connor Hoover	SS	Rk	6.2	4%	0.3
Oberto Munoz	C	Rk	5.7	4%	0.2
Luis Joseph	2B	Rk	5.9	4%	0.2
Jepherson Garcia	DH	Rk	8.2	2%	0.2
DeAires Moses	OF	Rk	5.2	2%	0.1
Jose Sandoval	OF	Rk	5.3	1%	0.1
Jose Cano	3B	Rk	5.2	1%	0.0
Steve Branche	SS	Rk	10.1	0%	0.0
Caleb Eldridge	1B-OF	Rk	5.6	1%	0.0



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# Midseason Talent Acquisition Strategy

## Appendix

### Code

Code and internal analysis information available in included Zip file.