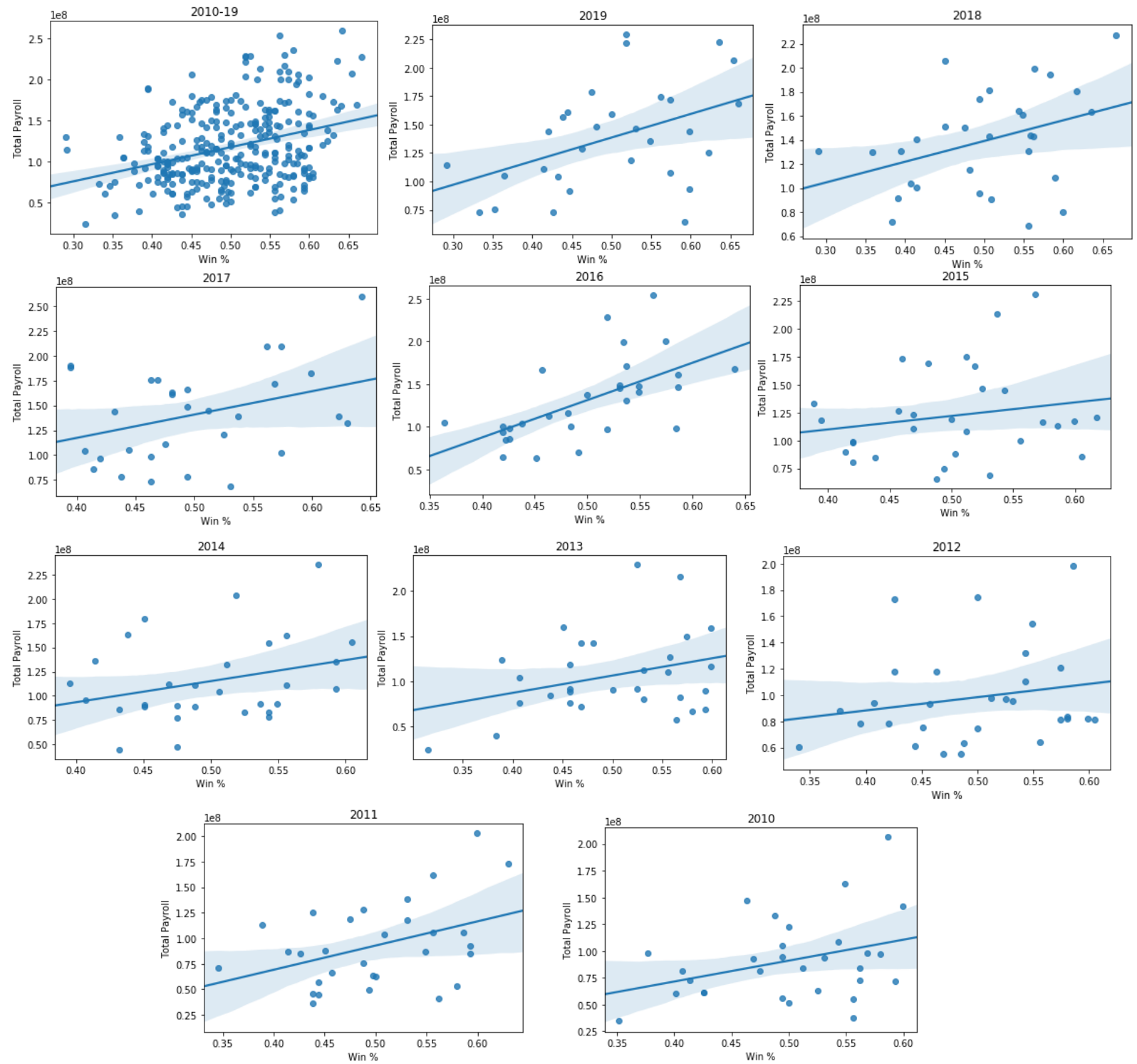


# Supplementary Information and Figures

Payroll vs. Win % from past 10 seasons



Slope and R<sup>2</sup> Values for plots

2010-19 Slope and R<sup>2</sup> Value  
Slope: 208220486.39974204  
R<sup>2</sup> Value: 0.10891364870965198

2019 Slope and R<sup>2</sup> Value  
Slope: 207922571.31652665  
R<sup>2</sup> Value: 0.1972058300531134

2018 Slope and R<sup>2</sup> Value  
Slope: 172205055.0696185  
R<sup>2</sup> Value: 0.1420032905835978

2017 Slope and R<sup>2</sup> Value  
Slope: 234492665.14327323  
R<sup>2</sup> Value: 0.12491037967093936

2016 Slope and R<sup>2</sup> Value  
Slope: 437097242.4942173  
R<sup>2</sup> Value: 0.36877789350171675

2015 Slope and R<sup>2</sup> Value  
Slope: 121021063.56212682  
R<sup>2</sup> Value: 0.03690499498620661

2014 Slope and R<sup>2</sup> Value  
Slope: 217854634.35805526  
R<sup>2</sup> Value: 0.08824232101748651

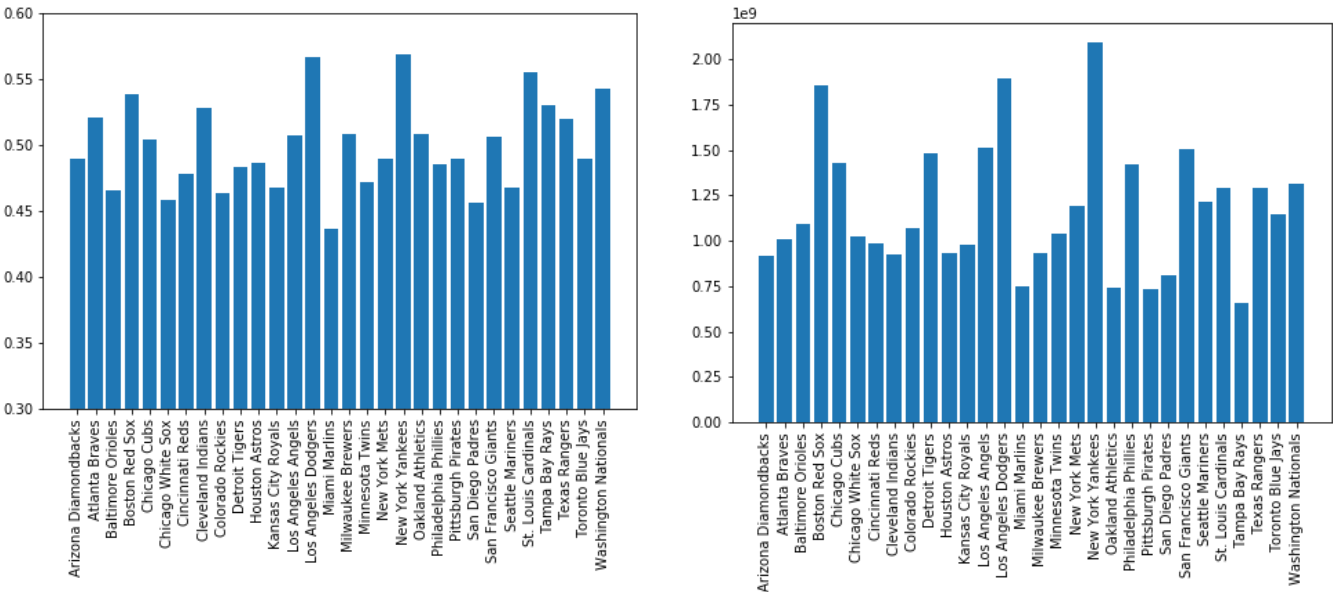
2013 Slope and R<sup>2</sup> Value  
Slope: 191691013.21097526  
R<sup>2</sup> Value: 0.09961398529157657

2012 Slope and R<sup>2</sup> Value  
Slope: 101098190.60793976  
R<sup>2</sup> Value: 0.039097951246465194

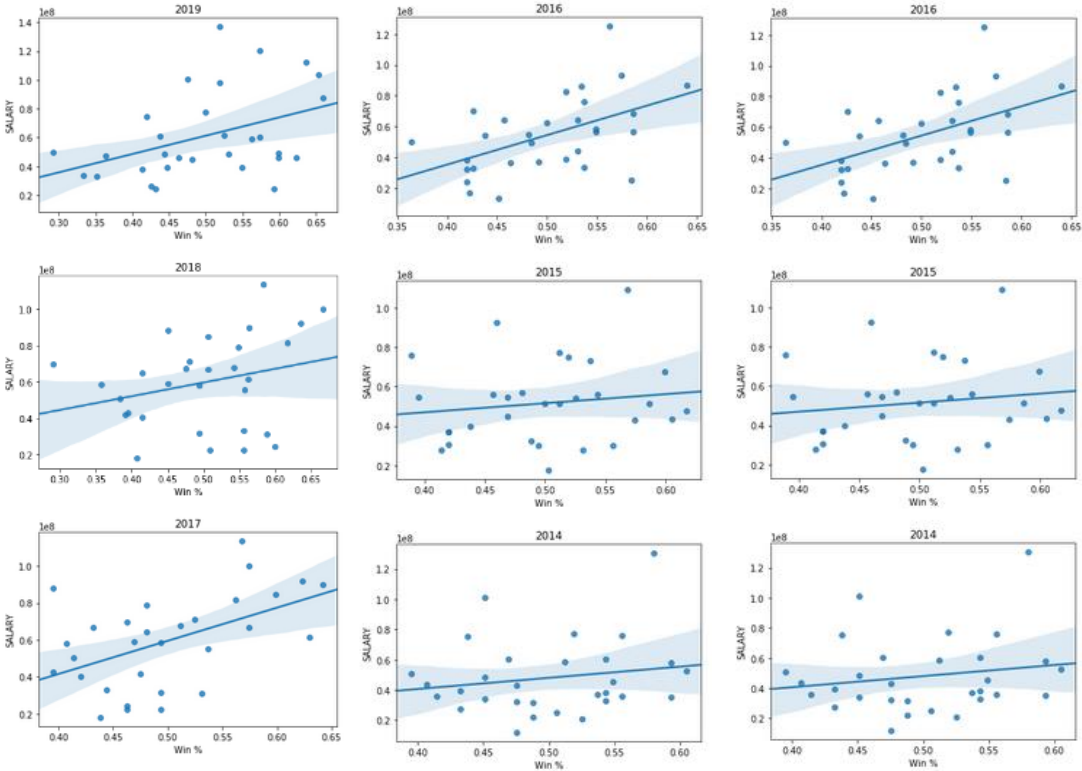
2011 Slope and R<sup>2</sup> Value  
Slope: 236879544.544168  
R<sup>2</sup> Value: 0.16754746950788976

2010 Slope and R<sup>2</sup> Value  
Slope: 195651065.3986266  
R<sup>2</sup> Value: 0.12070696415359392

Team Average Win % // Accumulated Payroll



Pitcher Payroll vs Win %



Slope and R^2 Values for plots

2019 Pitcher Salary Slope and R^2 Value

Slope: 127427083.77907164  
R^2 Value: 0.17033098850940093

2018 Pitcher Salary Slope and R^2 Value  
Slope: 75501363.02450368  
R^2 Value: 0.07350244013270177

2017 Pitcher Salary Slope and R^2 Value  
Slope: 179420936.5734272  
R^2 Value: 0.25788663731793243

2016 Pitcher Salary Slope and R^2 Value  
Slope: 191324585.68058148  
R^2 Value: 0.25759188057382365

2015 Pitcher Salary Slope and R^2 Value  
Slope: 46230695.789299004  
R^2 Value: 0.020698316564503667

2014 Pitcher Salary Slope and R^2 Value  
Slope: 73851825.11950766  
R^2 Value: 0.030981439218405557

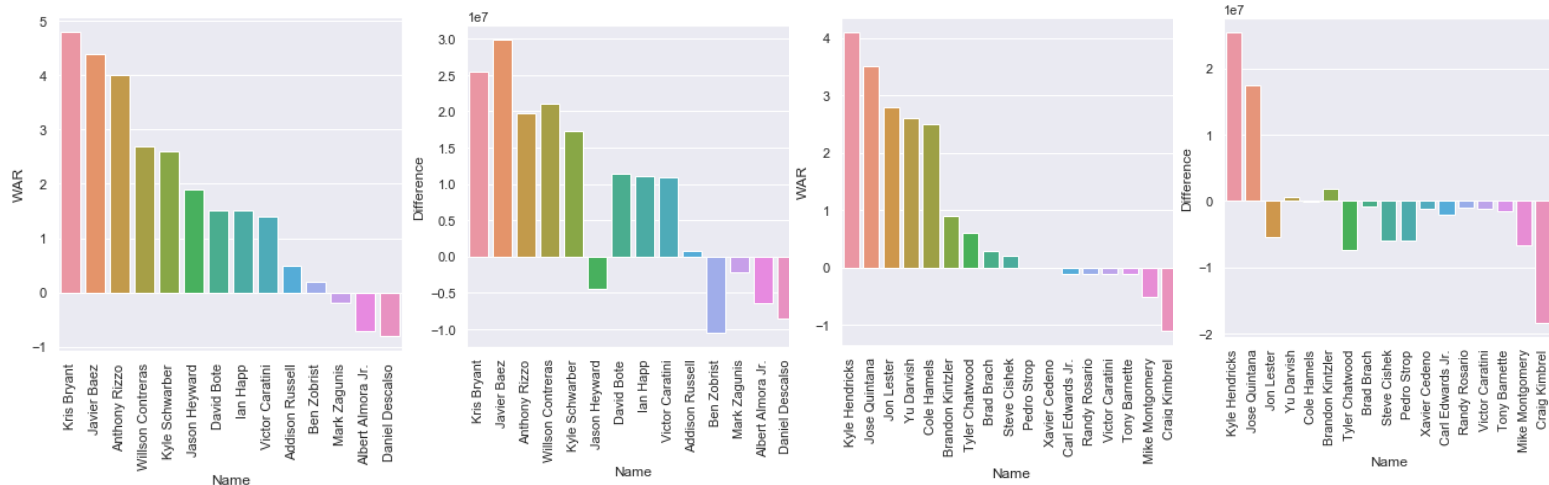
2013 Pitcher Salary Slope and R^2 Value  
Slope: 61814876.60033783  
R^2 Value: 0.04562469171206625

2012 Pitcher Salary Slope and R^2 Value  
Slope: -1314190.7186978618  
R^2 Value: 2.6635303387862702e-05

2011 Pitcher Salary Slope and R^2 Value  
Slope: 123535252.82246028  
R^2 Value: 0.1764345814514741

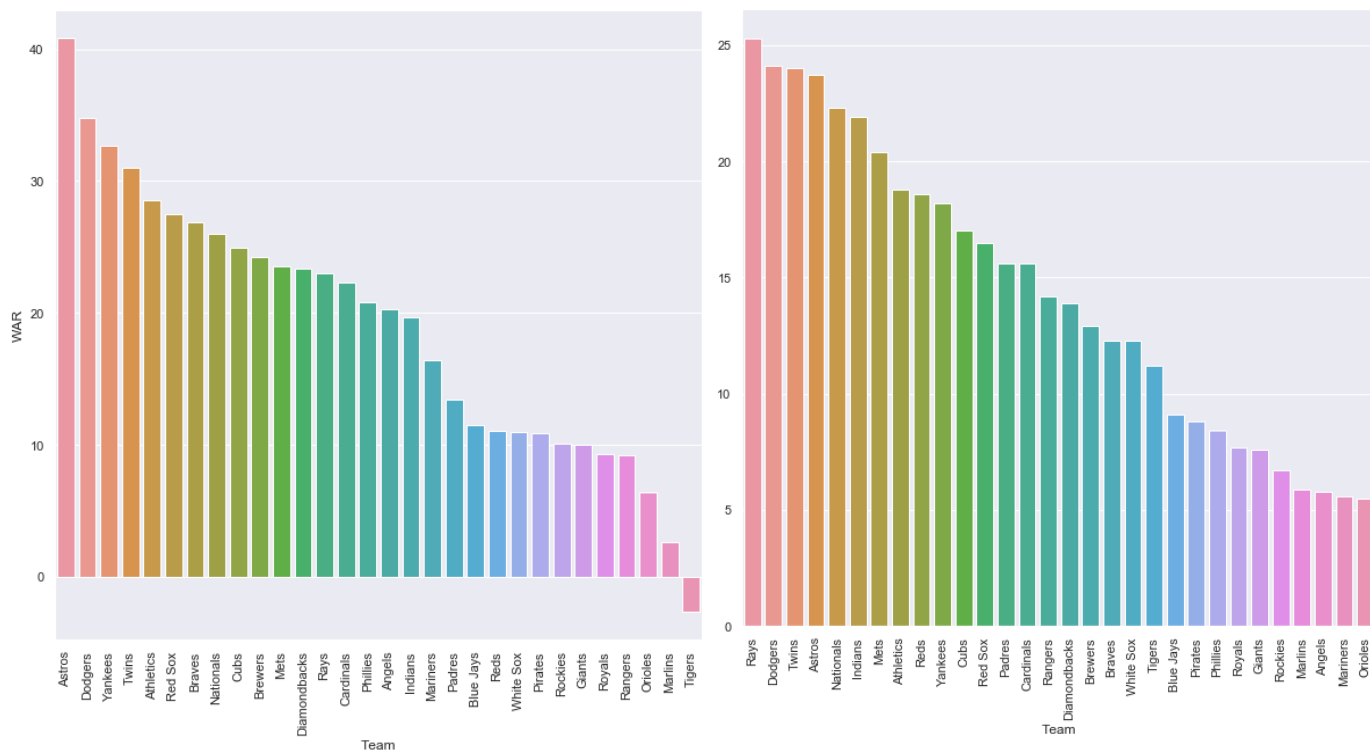
2010 Pitcher Salary Slope and R^2 Value  
Slope: 81497839.50833723  
R^2 Value: 0.10985476074325727

(From left to right- Position Player WAR, Difference between WAR salary and actual salary for position players, Pitcher WAR, Difference between WAR salary and actual salary for pitchers)



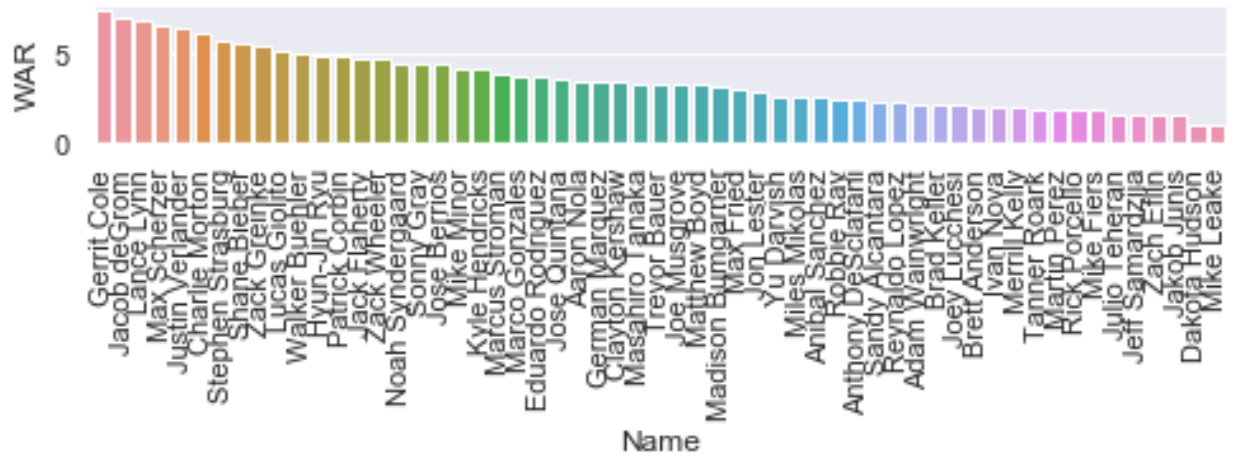
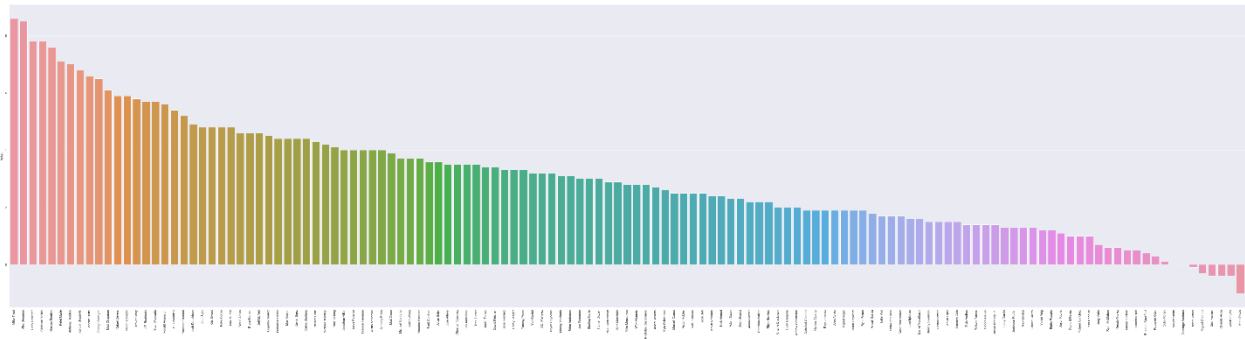
## Team WAR

Position player // Pitching



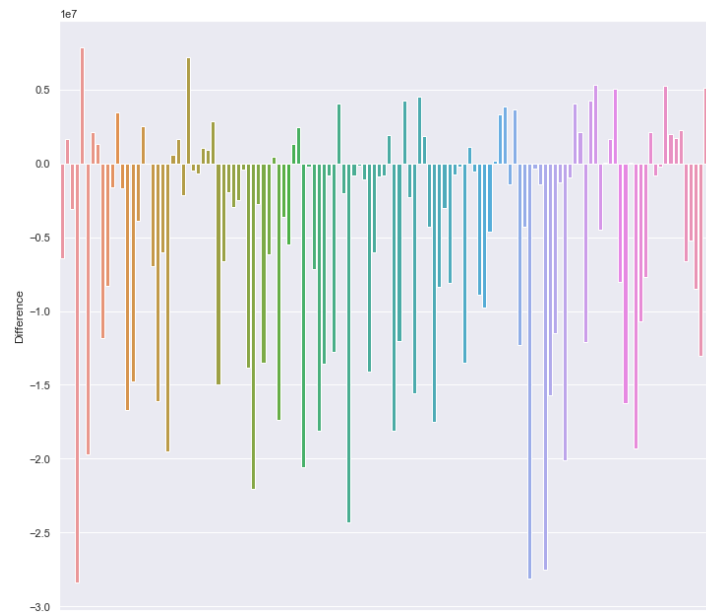
## MLB Player WAR

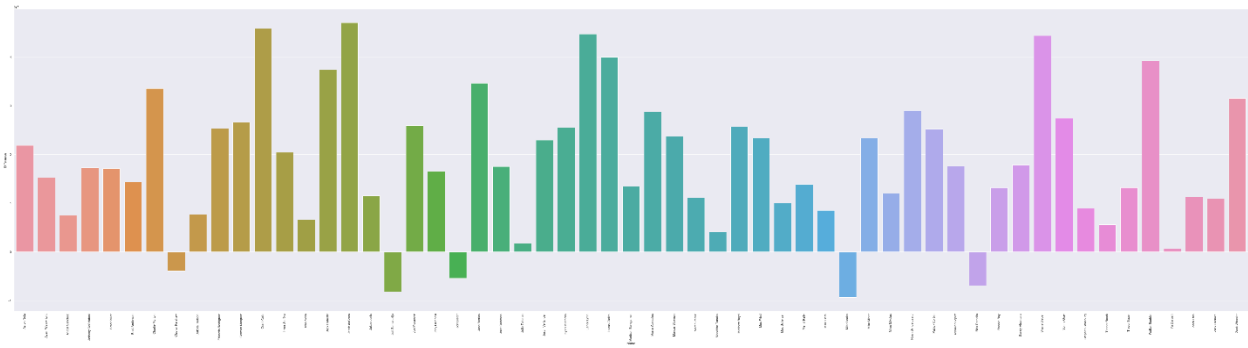
(Top : Position players, Bottom: Pitchers)



Player Worth and Salary Difference

(Top : Position players, Bottom: Pitchers)





2019 WAR v Win%

