



What makes a good baseball team?

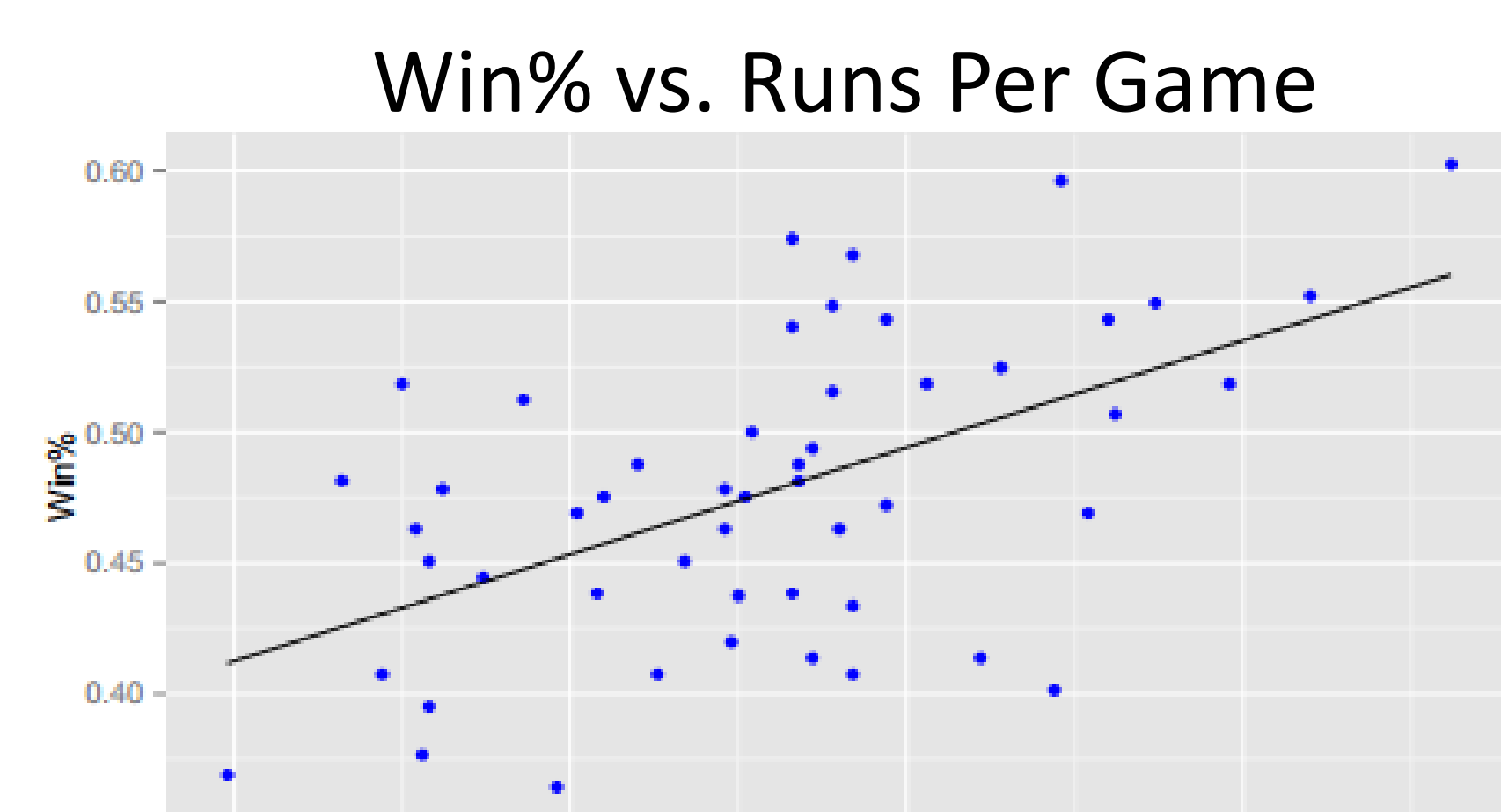


Cubs

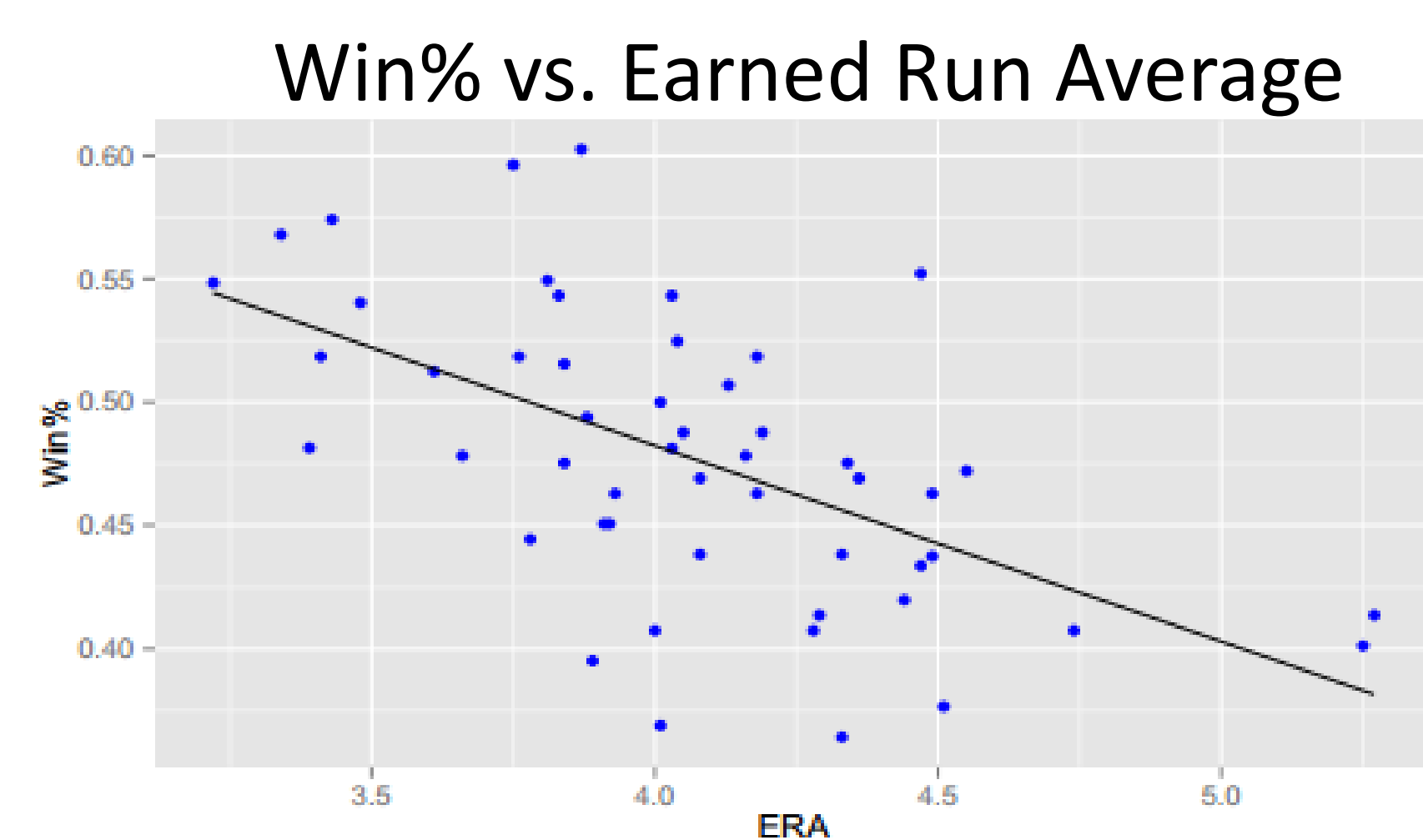
Cardinals

48%

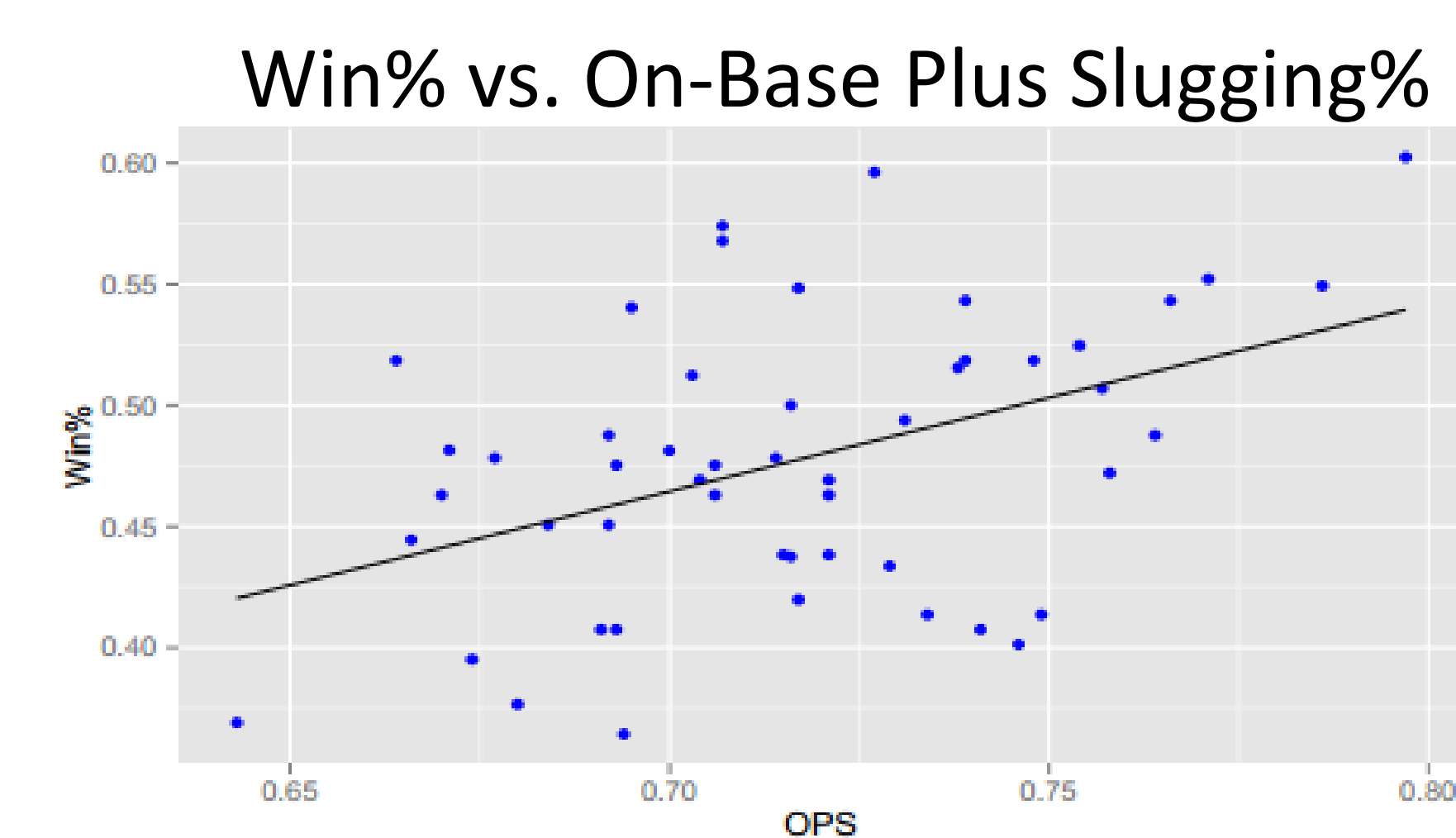
Games Won



Adj. $R^2 = 0.2866$

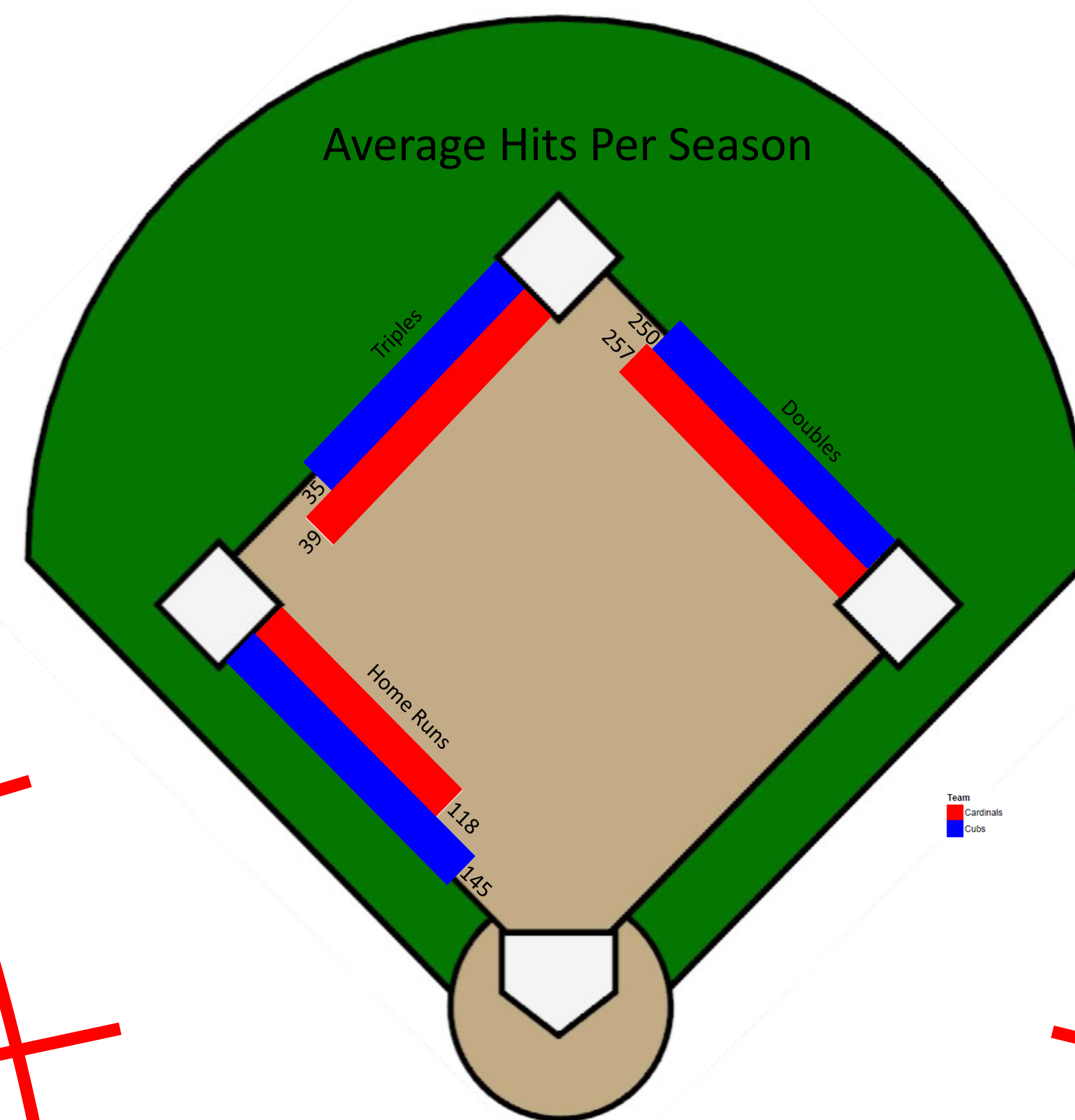


Adj. $R^2 = -0.3168$



Adj. $R^2 = 0.1771$

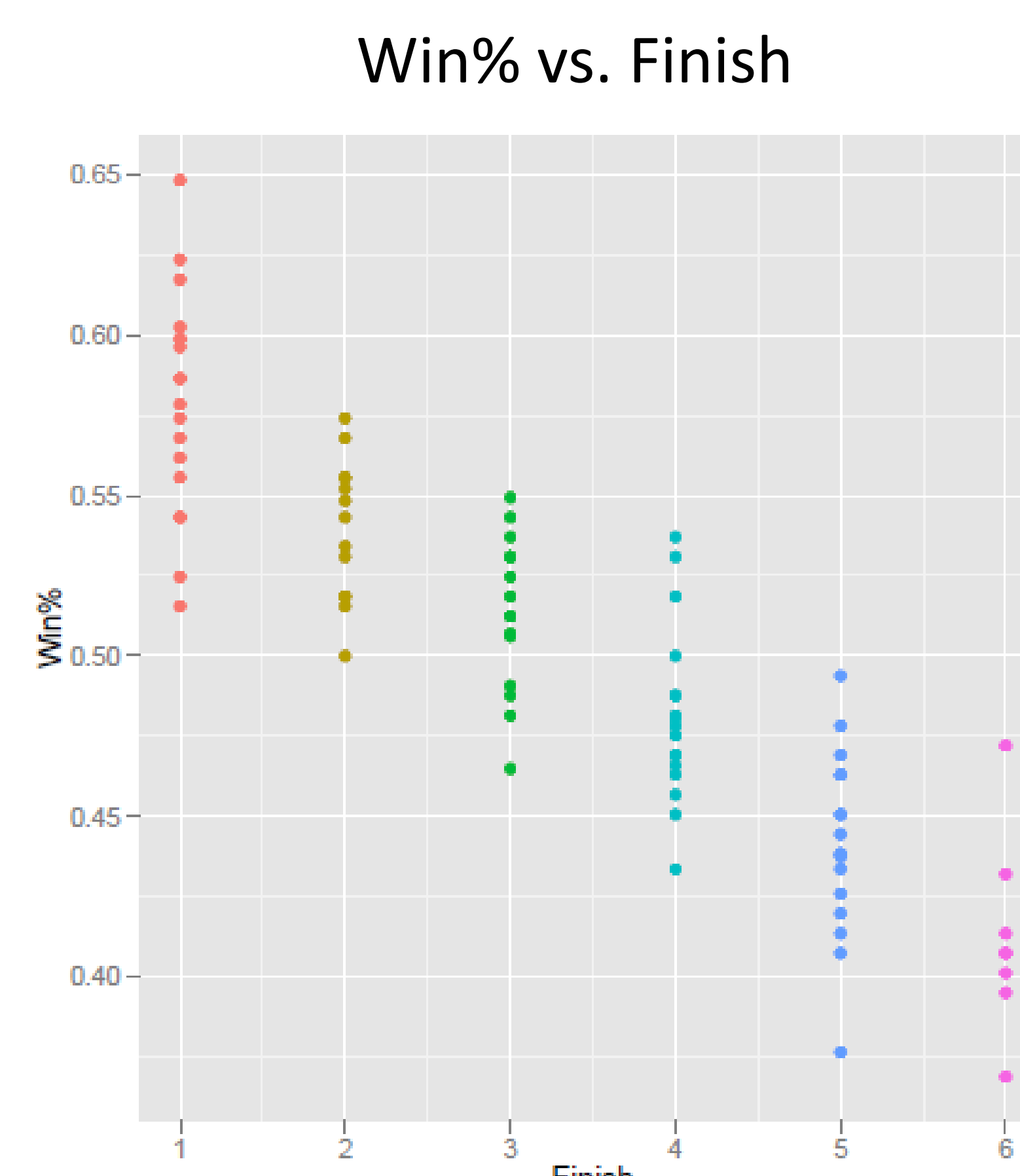
Multivariable Model
 $\text{Win\%} = 0.3374 - 0.1041 \text{ ERA} + 0.2651 \text{ OPS} + 0.0869 \text{ R/G}$
 Adj. $R^2 = 0.8075$



The Cardinals hit more doubles and triples on average compared to the Cubs. However, the Cubs on average hit far more home runs per season, even though their average winning percentage is much lower than the Cardinals. Surprisingly, home runs are not necessarily correlated with the percent of games won.

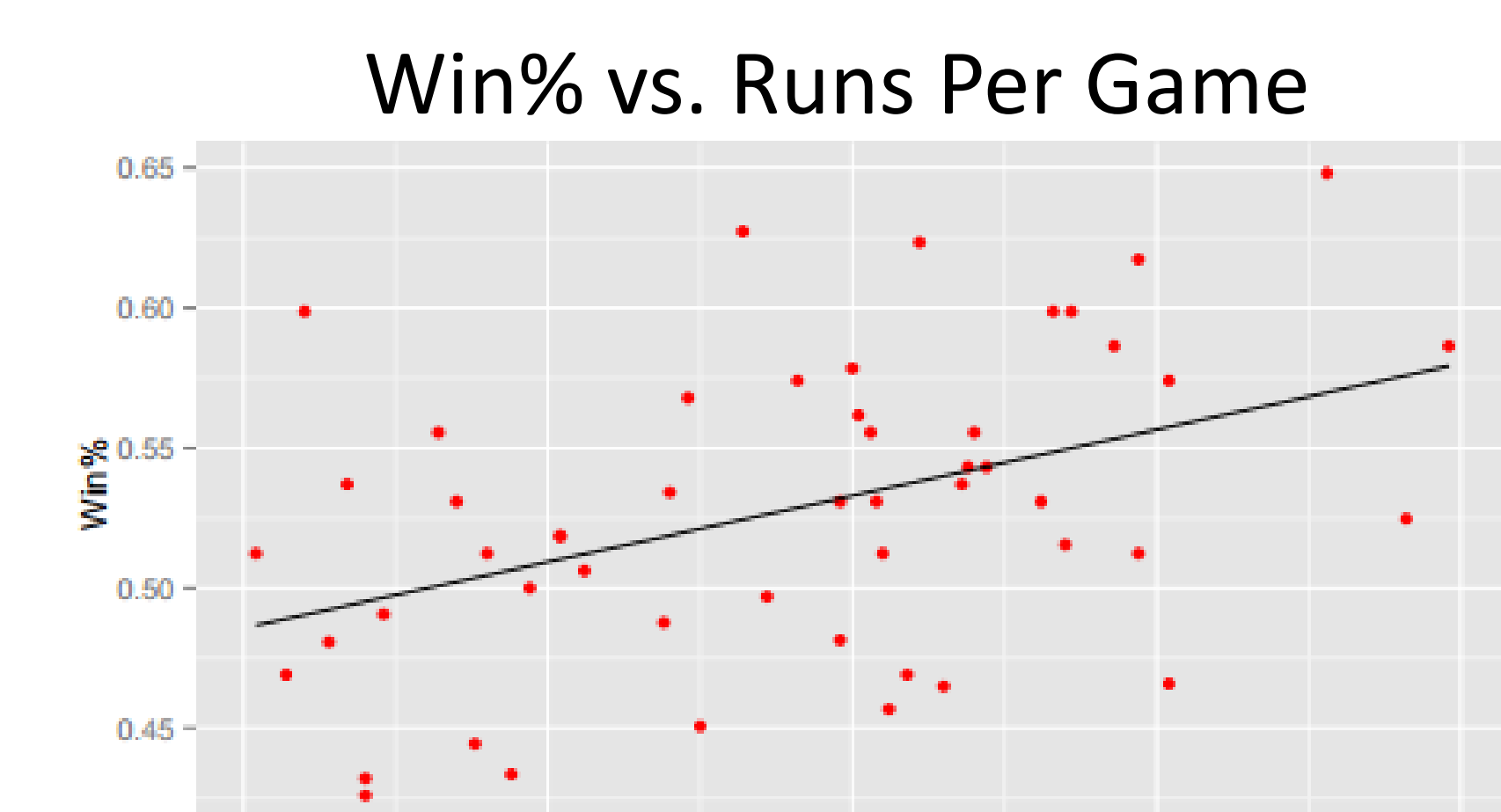
Not one individual baseball statistic is highly predictive of a team's winning percentage. However, when combined they create a sufficient model for forecasting percentage of games won.

The place a team finishes directly reflects the percent of games won.

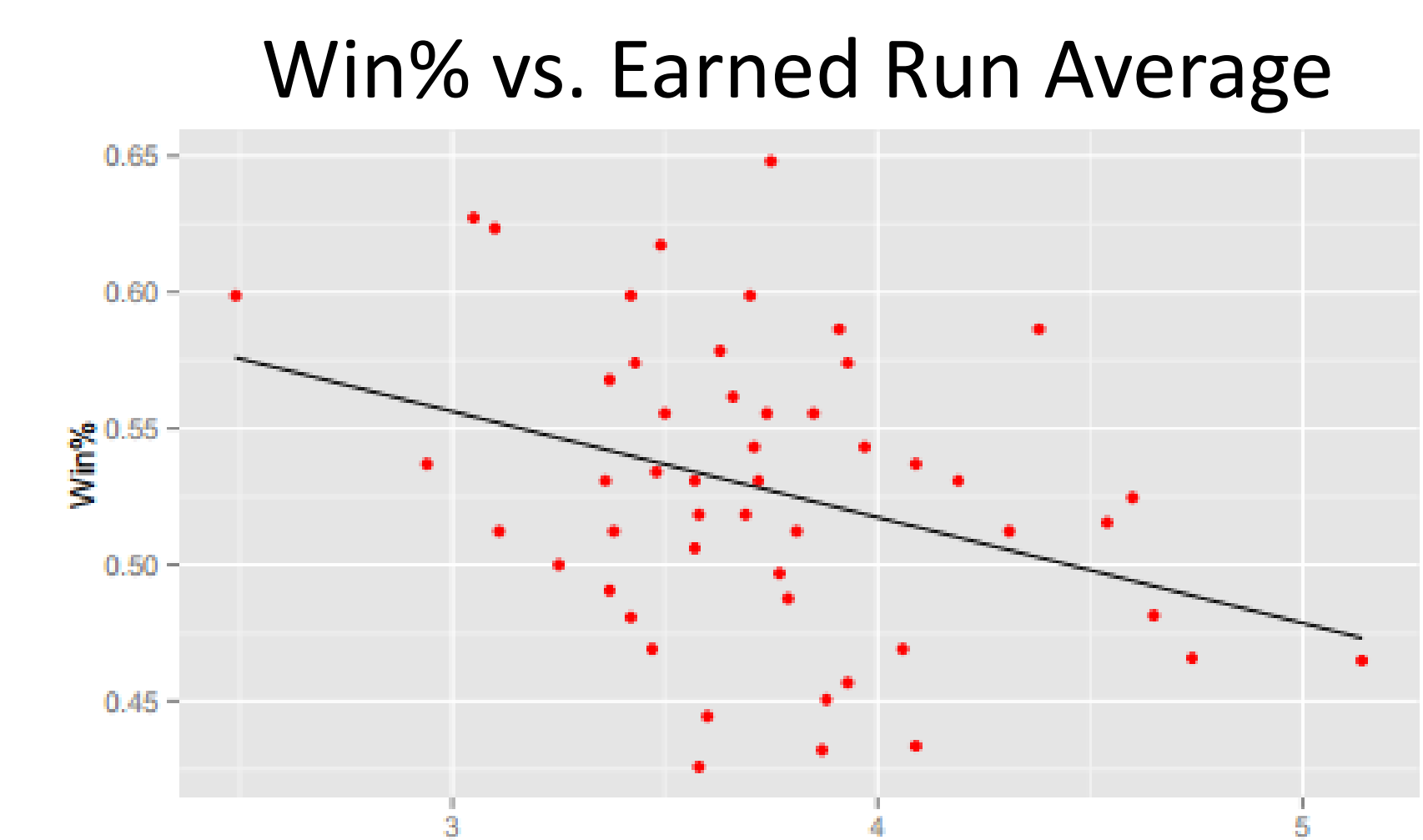


53%

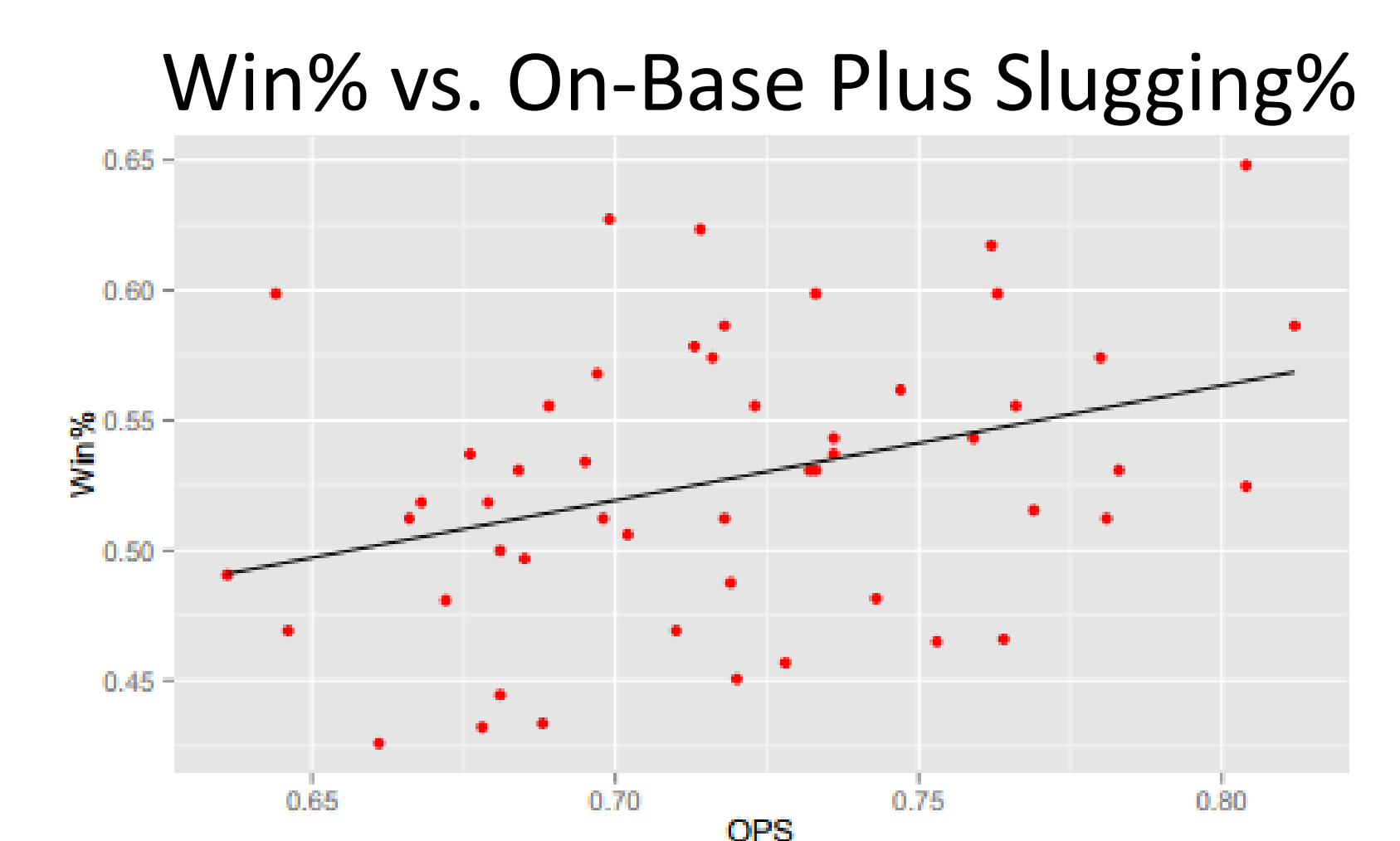
Games Won



Adj. $R^2 = 0.1763$



Adj. $R^2 = -0.1005$



Adj. $R^2 = 0.1052$

Multivariable Model
 $\text{Win\%} = 0.3840 - 0.0182 \text{ ERA} + 0.1914 \text{ OPS} + 0.0936 \text{ R/G}$
 Adj. $R^2 = 0.7507$