

Finding thus far: I have not found a significant relationship between the different features of interest and PPG\_NBA(points per game of players in their rookie year in the NBA)

My initial hypothesis was that PPG in college will heavily influence NBA rookie year PPG stat but it was only successful in predicting stats of the next season of college basketball

Linear Regression val  $R^2$ : %.3f 0.07894241376244138

Ridge Regression val  $R^2$ : %.3f 0.07851572923071803

Above are my  $R^2$  values which are very low, and that is preliminary finding. I have yet to transform the variables/ apply different regularization models. I will also look at additional features to add which might sway the prediction.

