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Abstract
The NBA is constantly accused of race affecting the players salary. The research conducted will be able to help determine if that is actually the case or not. Using variables such as assist ratings, rebound ratings, and field goal ratings, and using race as a dummy variable, I was able to come to a conclusion on if the players race played a role in their salary or not. With using just the simple amount of performance variables, I was able to conclude that the NBA players do not get paid according to their skin color.

Introduction
This study helps show that the NBA does not use race as a variable when it comes to paying their players. While conducting research, others have came to the same conclusion as I did. No matter what the statistics look like, race does not determine salaries. By using variables like assists, rebounds, and field goals, we were able to predict and regress results on our statistics.

Methodology & Model
The data from the model was from looking over statistics within the NBA for the season of 2017. This showed 100 NBA players and 80 out of those 100 were black players. The regression had a dummy variable of race which helped show how much more black players got paid on average than white players.

Results
The statistics show that in 2017, LeBron James was the highest paid black player in the NBA at 30.96 million. The highest paid white player was Dirk Nowitzki at 25 million. James consistently scored higher than Nowitzki when it came to performance results such as assists, rebounds, and field goals. James assist rating in the NBA was 7, his rating in rebounds was 125, and his ratings in field goals was 45. Nowitzki assist rating was 252, rebounds rating was 101, and field goals ratings were 262. Clearly, James deserved a higher salary based on the performance results. The scatterplot shows the relationship between salary and the performance rankings as a whole for each player. As you can see, the data does not have any autocorrelation or any issues that need to be fixed in order to determine good results.

Conclusion
The results show that there are no positive correlation with salary and the race the player is. Looking into the future for better results, I would suggest including more performance statistics and splitting up the players positions into their own regressions.

References
