Slide 4

- Running an analysis on the past 5 NBA seasons, we utilized a hierarchical regression model to determine if our predictor variables had any influence on our dependent variable, which was teams overall win percentage.
- We had two blocks of variables, one block containing the variables with games played with 3 or more rest days, then 2 rest days, then 1 rest day, and back to back games, with 3 games in 4 days with back to back games (XOXX) being left as a reference variable
- The other block is the adjusted efficiency differential for each rest day type. AED is the offensive efficiency minus the defensive efficiency, which is meant to take into account opponent strength and game location (home/away). So it aims to single out the **rest days impact** more precisely.

Slide 5

- So here is a table with some basic descriptive statistics of our predictor variables. A point of emphasis from the table comes from the min and max of the rest day types, as we can see that most teams are typically having just one day of rest before the next game is played which we believe could potentially impact the results of our model. Another thing I wanted to mention about the table is the pretty large standard deviation seen in the overall win percentage, which can be an indication that the predictor variables are potentially influencing the variable