STATISTICAL LEARNING PROJECT

1. Considering every player during the 23-24 season (salary from basketball reference, other stats from nba.com)

Linear regression:

salary = features

exploratory analysis

feature selection

linear regression

ridge regression

(PCA)

Ev. different models per role

KNN

https://medium.com/@dwang22/predictive-modeling-of-nba-player-salaries-using-machine-learning-techniques-36b6ab71d11b

1. Considering only free agents:

Train a linear regression model on previous (2-3) years free agents and test it on 2023-2024 free agents. Salaries and free agents data from basketball reference, other stats from nba.com

Linear regression

Salary=features

exploratory analysis

feature selection

linear regression

ridge regression

(PCA)

Ev. different models per role