

Initial Project Proposal

The importance of physique in NBA

Tung X. Nguyen

ID: 30555418

Tutor: Nicholas Spyrison

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1 Questions.

1.1 What is the most common physique type in the NBA (2000-2020)? Do players are getting bigger and stronger as time goes by?

1.2 How physique can affect the draft number of a player (2000-2020)?

1.3 How physique and Player Efficiency Rating correlated (scope: regular season for 2005-2006 and 2018=2019 for comparison)?

1.4 Compare the physique of non-US players to US players (scope: regular season for all seasons)

2 Data source.

- Player Bios Regular Season
- Player Efficiency Rating

3 Description of data source

There are about 450 players in the league in any season.

First source: physique data. Tabular data in HTML with number of rows equal number of players x 20 columns. The data is formatted well for display but not for data exploration, hence should be wrangled. Also, data across seasons must be merged (union).

<https://stats.nba.com/players/bio/>

Second source: Player Efficiency Rating. Tabular data in HTML with number of rows equal number of players x 14 columns. Data is well formatted, but there is no information of height and weight, therefore require joining with the first source. <http://insider.espn.com/nba/hollinger/statistics>