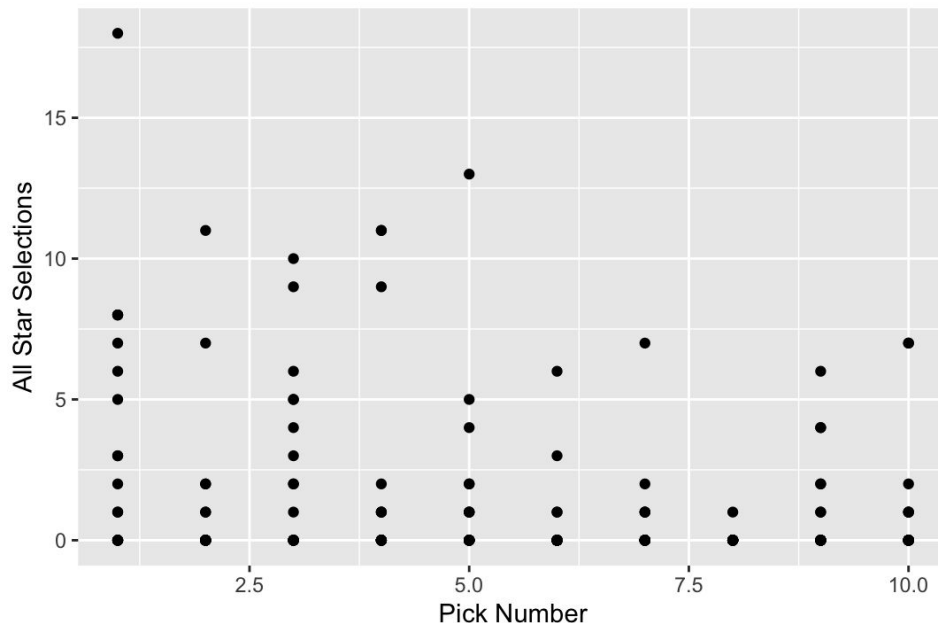


Question #1: How accurate are draft picks in predicting career success, measured by All-Star Appearances?

All-Star Appearances: A measure of how many times a player has achieved “star-status” per season.

Relevant Factors: How many years played in the league, certain picks “snubbed” for the given year, career threatening injuries, etc.



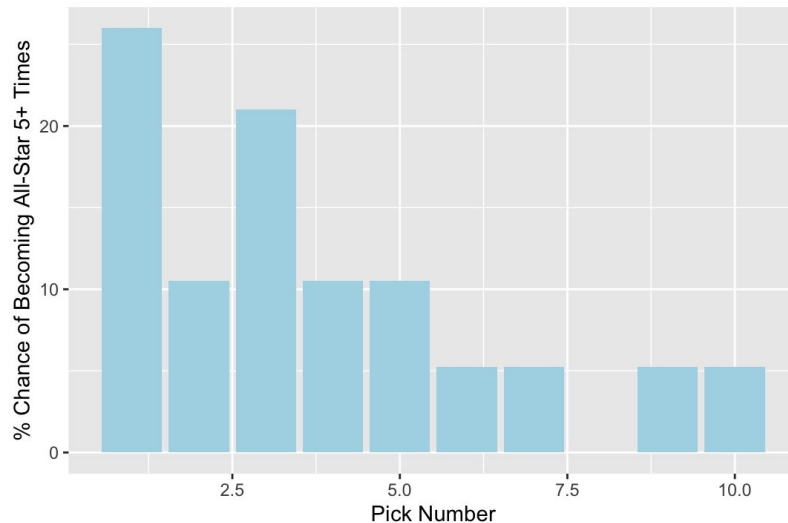
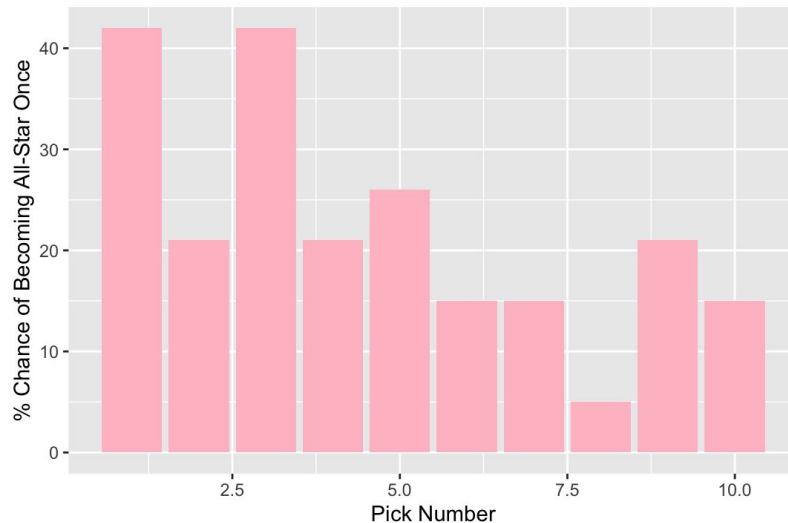
What about LeBron-gevity?

A look at the numbers...

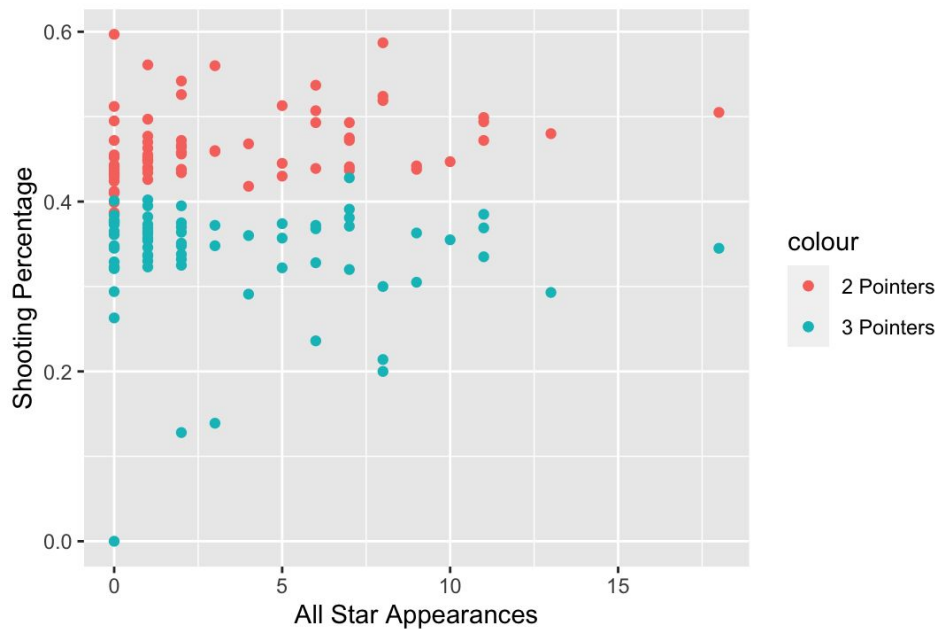
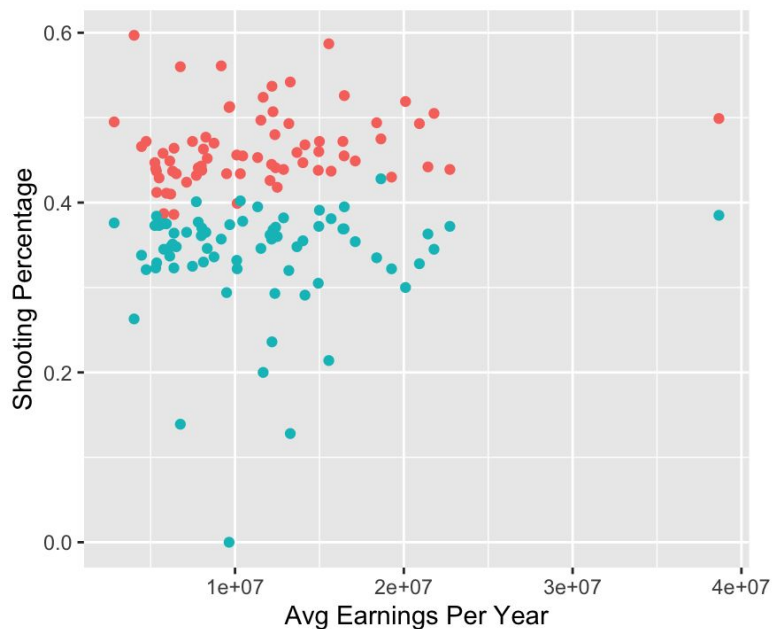
The **#1 Draft Pick** is **2x** as likely to become an All-Star at some point compared to the **#2 Draft Pick**.

The **#1 Draft Pick** is **2.5X** more likely to be a 5X All Star during their career compared to the **#2 Draft Pick**.

Statistically speaking, **Draft Pick #8** likely to be the **worst** of the top 10, with **Draft Picks #1 and #3** being historically the **best**.



Question #2: How does career shooting efficiency impact general success in the league?

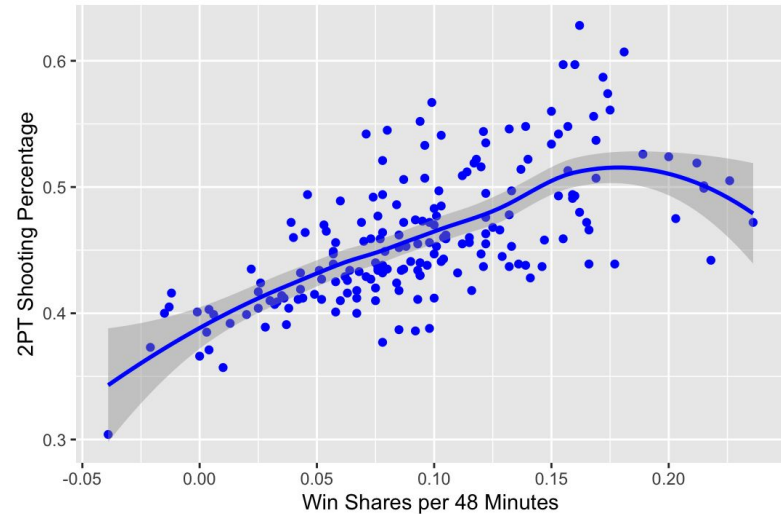
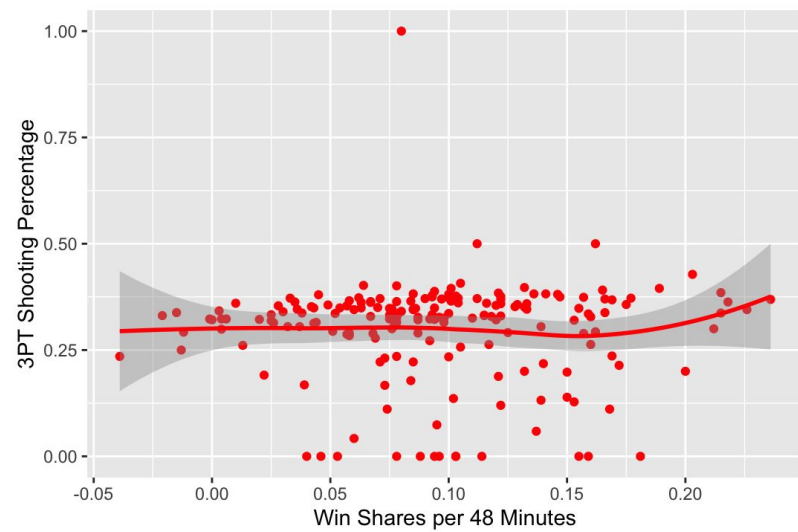


Shooting Efficiency Vs. Win Shares Per 48 Minutes

3-Point Shooting Percentage shows **no discernible correlation** to win-share rates.

However, a **minor positive upward trend** can be identified for an increase in **2-Point shot** efficiency and an increase of win-share rate.

Conclusion: 3-Point Shot efficiency has no impact on Win-Share rate, while 2-Point efficiency may have a slight positive impact on Win-Share per 48 Minutes.

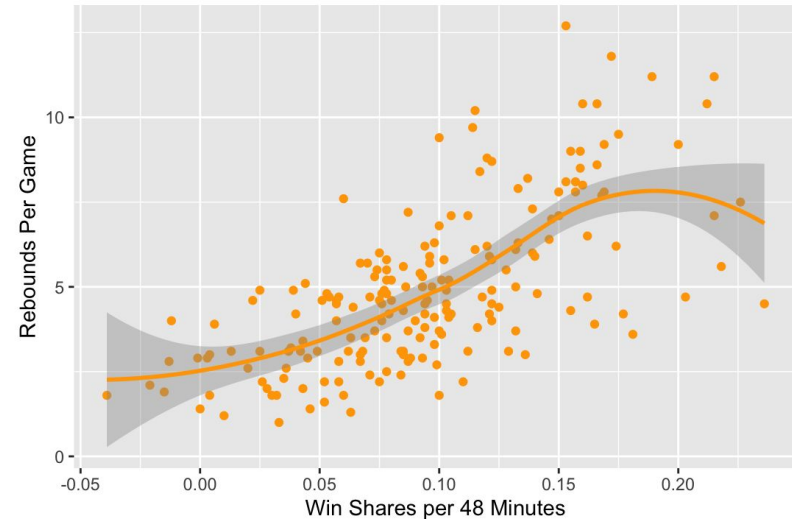
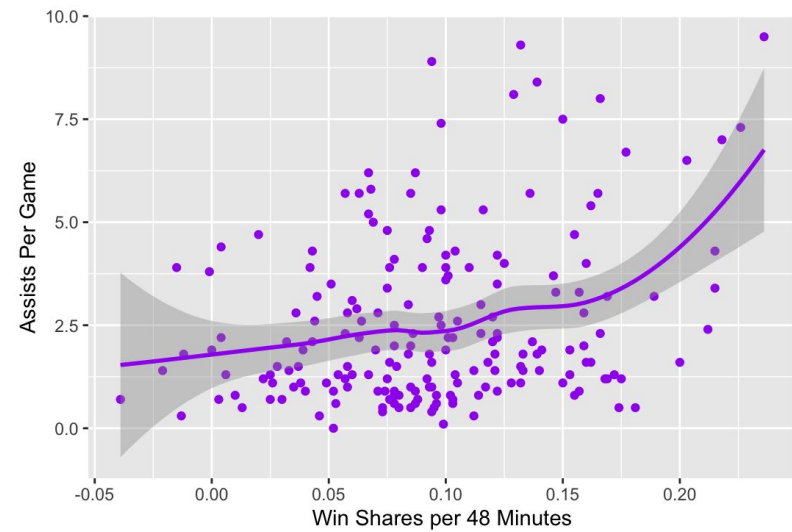


Question #3: How do career assist and rebound averages impact general success in the league?

Assists-Per-Game shows **no discernible correlation** to win-share rates.

However, a **minor positive upward trend** can be identified for an increase in **Rebounds-Per-Game** and an increase of win-share rate.

Conclusion: Assists-Per-Game have no impact on Win-Share rate, while higher rebounding rates may have a slight positive impact on Win-Share per 48 Minutes.



Why might this be the case?

Contributing Factors

Rebounds allow **“2nd Chance”** point generation for your team.

Deny the opposing team’s **“2nd Chance”** points

Potentially indicates something about a player’s **general size** and **athleticism**.

Generally indicative of **engaged activity** on the floor.

Question #4: Which colleges generally create the best players?

College Programs: Certain colleges are renowned for their basketball programs that are geared towards sending players to the NBA. Using data, we can determine which programs might have a higher chance of producing better basketball players.

Frequency Vs Win Share: There are two measures of College Program success we can use: The number of Top 10 draft picks each college has over the past 19 years, or the average win shares per 48 minutes for each respective college.

Amount of Top 10 Selections

10

5

0

Duke

Kentucky

Arizona

UConn

Kansas

Texas

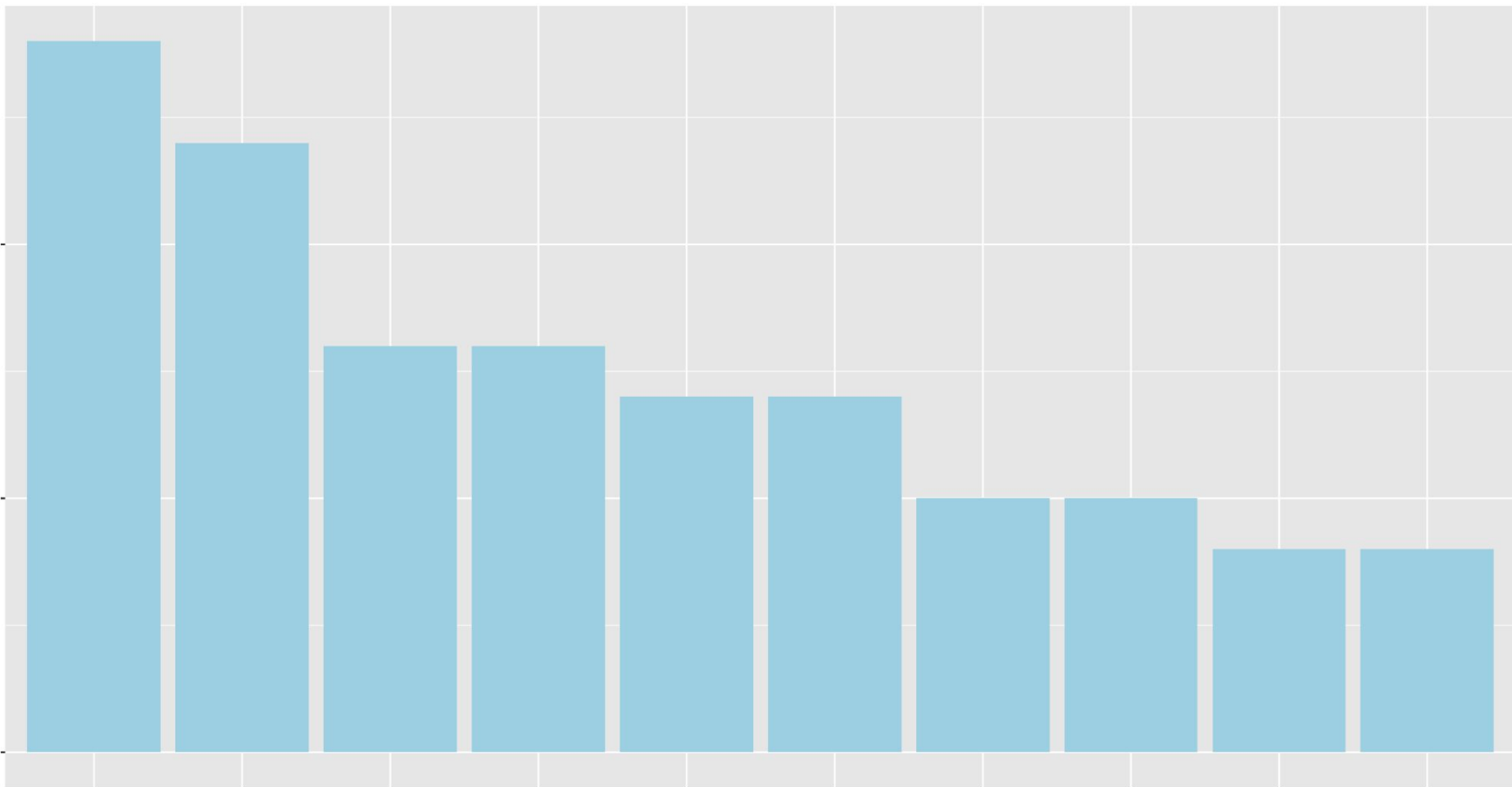
Florida

Washington

Georgetown

Indiana

Colleges (Top 10)



Win Share Per 48 Minutes

