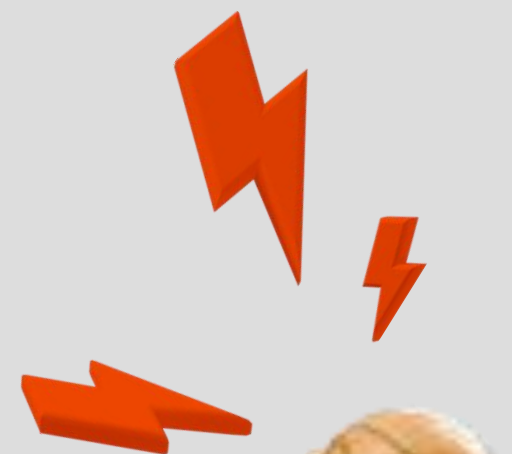


# LEBRON

A STA199 PRESENTATION

Alex Min, Joon Kang, Leran Fu, Taylor Clayton



# Motivation:

When talking about who the GOAT is, a heavily debated topic in the NBA, there needs to include talk about "empty stats" (putting up big numbers without impacting wins).

 **LeBron James**    
@KingJames

Follow

Just woke up from having a dream I was playing for Duke for Coach K inside Cameron Indoor Stadium! It was INSANE in there. Told Coach K it was an honor to suit up for him and he said the same thing back to me. He's such a LEGEND! Then.....

7:53 AM · 11/10/24 · 434K Views

 609

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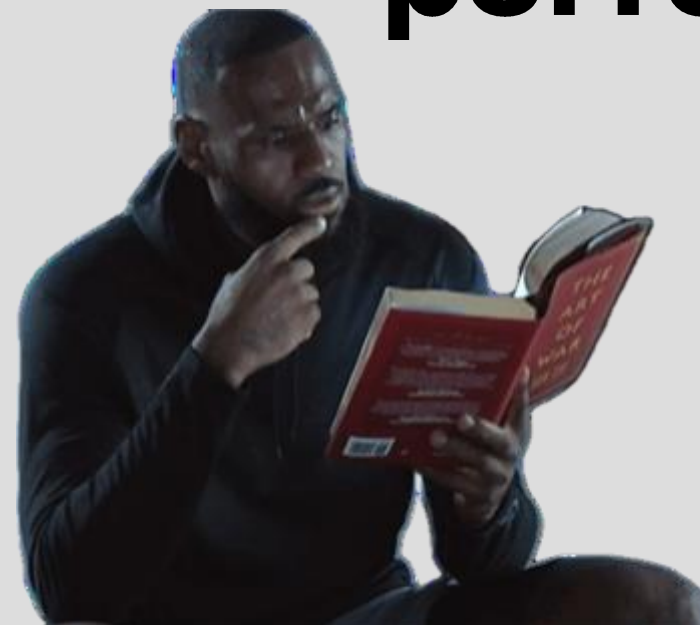
 4.8K

 204



# Research Question:

Is there a relationship between LeBron James' individual playoff performance and whether his team wins the game?



# Goals:

1. Determine whether LeBron's stats are "empty" or meaningful.
2. Observe any changes in his statistical output based on game outcome

## SOURCE

## DATA COLLECTED

## # OBSERVATIONS

## 26 VARIABLES

RealGM “LeBron James Playoff History”,

-

<https://basketball.realgm.com/player/LeBron-James/Playoffs-History/250>

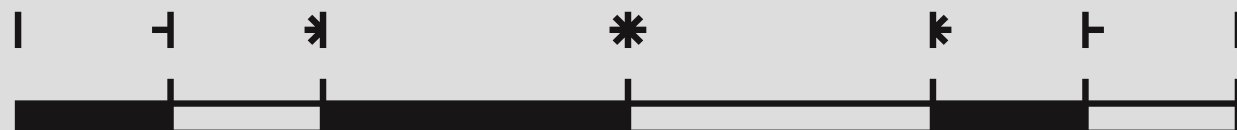
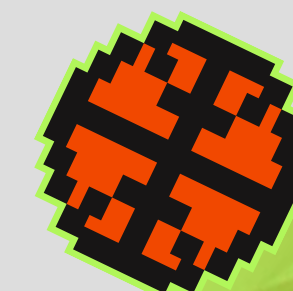
Continuous data collection based on playoff games that LeBron is in

The latest data entry was the playoff game on April 27th 2025 against the Washington Timberwolves

292 rows, 28 columns, 8,176 observations spanning from 2006-2025

Date, Team, Opponent, W/L, Status, Position, MIN, PTS, FGM, FGA, FG%, 3PM, 3PA, 3P%, FTM, FTA, FT%, ORB, DRB, REB, AST, STL, BLK, TOV, FIC

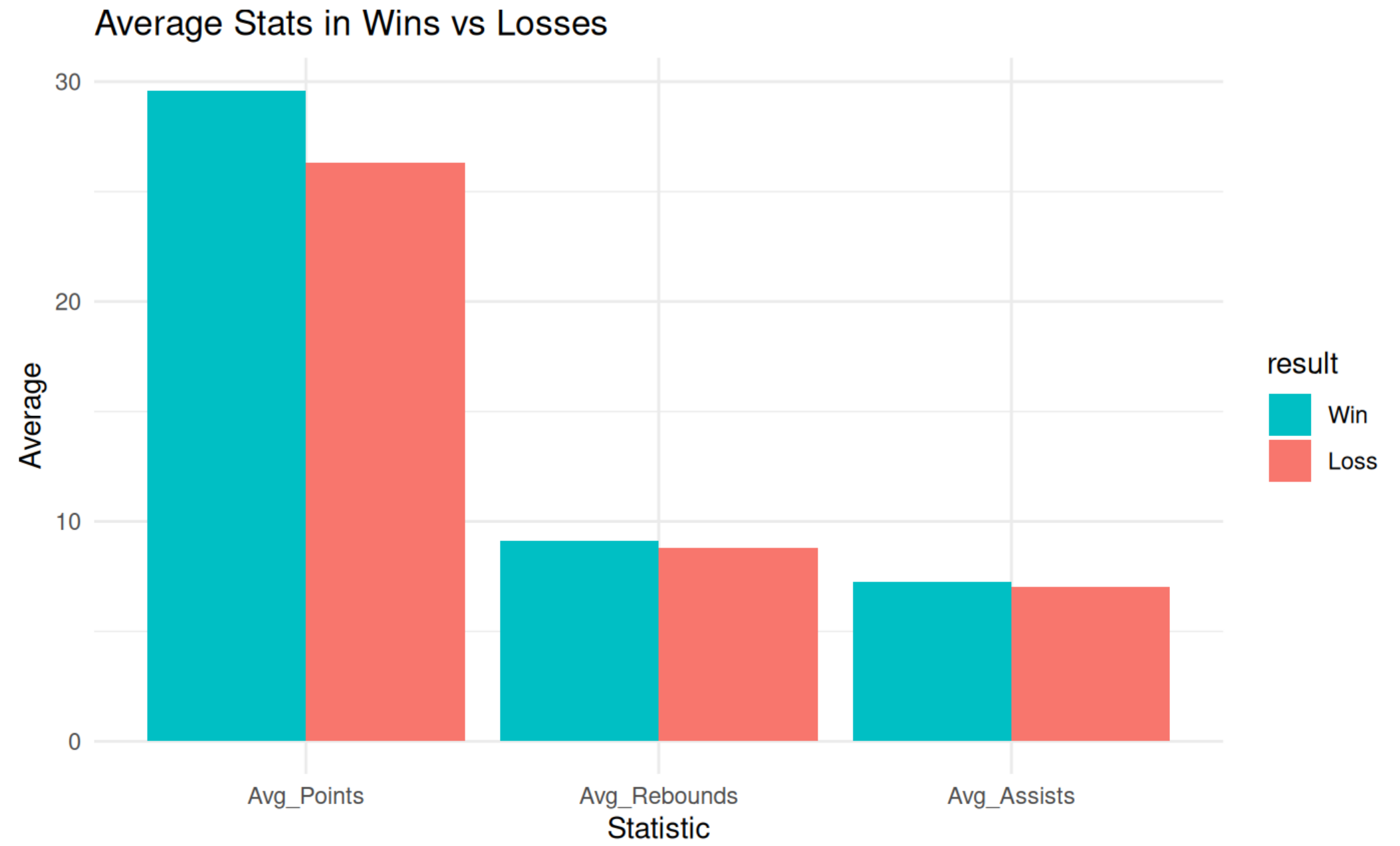
# THE DATA



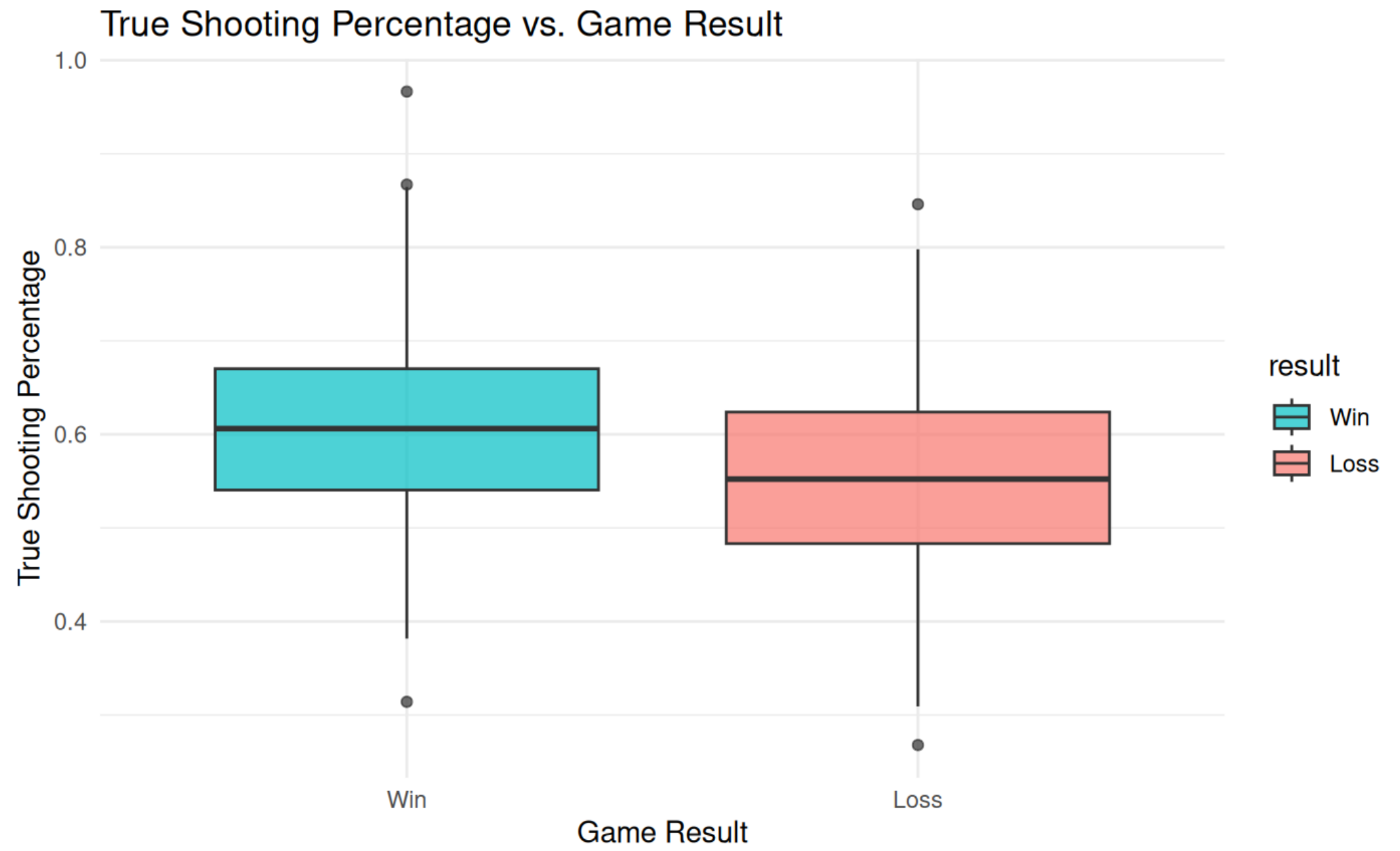
# CHART I



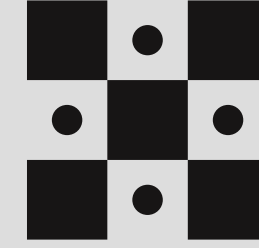
# CHART 2



# CHART 2



# Discussion



LeBron James' performance shows a clear relationship with game outcomes, particularly in scoring. Across the data, he averages more points in wins than in losses, suggesting that his offensive production contributes meaningfully to team success.

However, these findings are not absolute. Due to the very close nature in some of these statistics, we have concluded that LeBron's contribution is NOT empty, however it is not the whole story.

## Limitations

- Our analysis focuses only on basic stats
- Doesn't account for defensive impact, turnovers, or clutch play
- Team/teammate performance is not included
- Correlation does not imply causation

“I think team first. It allows me to succeed — it allows my team to succeed” – LeBron James

