

# **NBA Statistics**

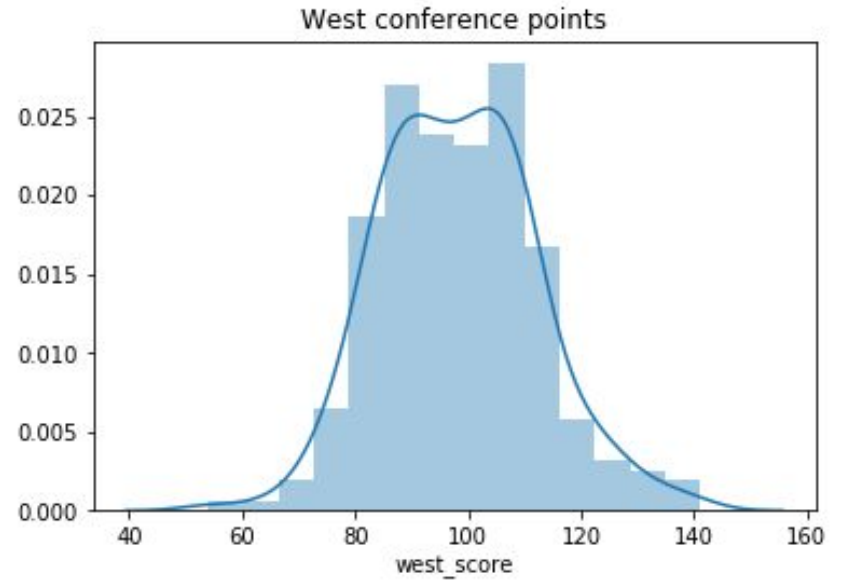
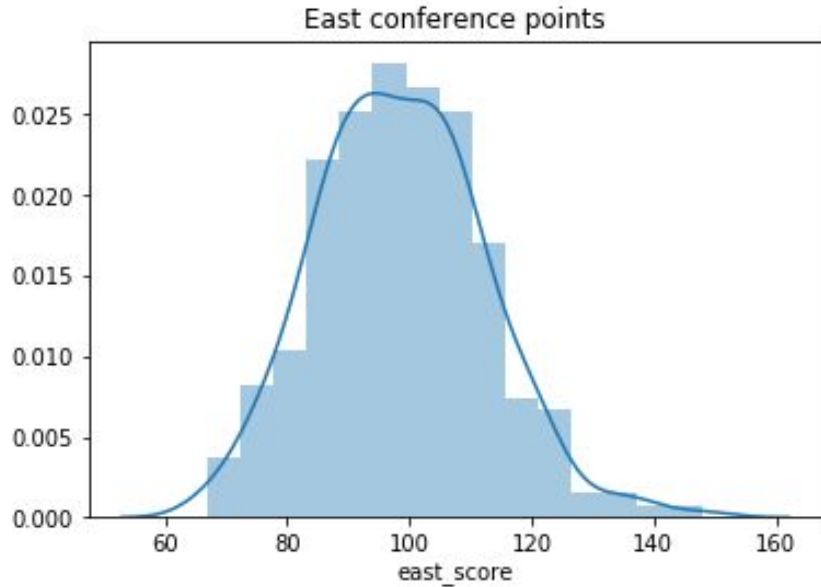
Aneesh Kodali and Sharon Kwak



# Data

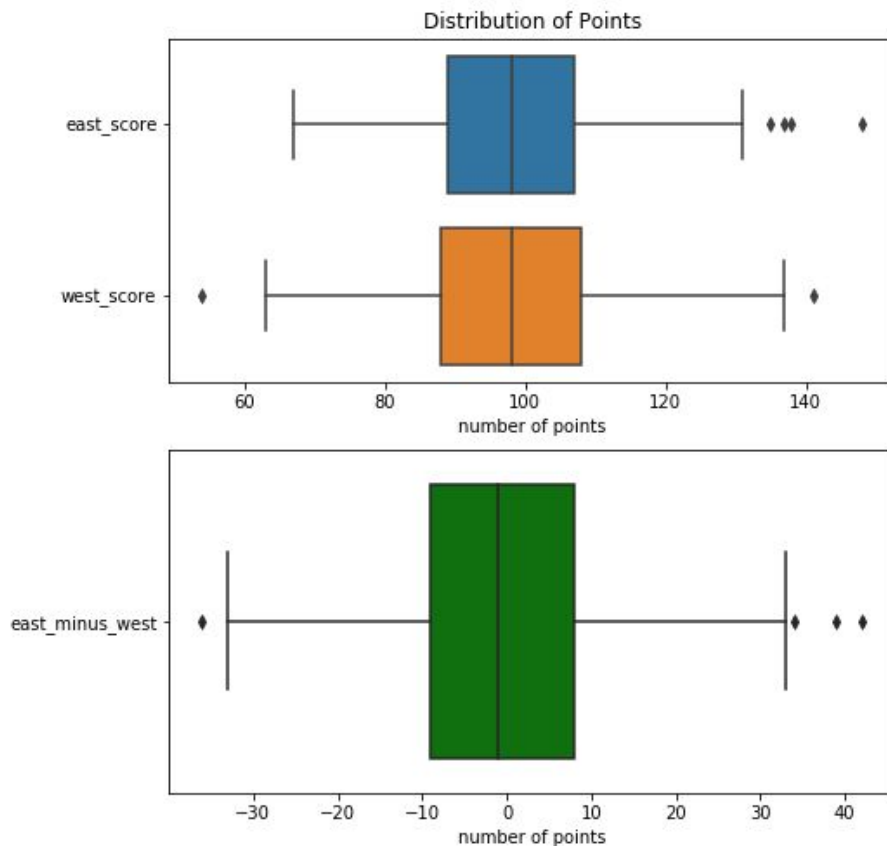
- NBA Games data
  - Game-specific data (final score, season, postseason)
  - Team-specific data (home team info, visiting team info)
- Data from 1979 to current
- Filtered for Playoff games

# Which NBA conference scores more during playoffs?



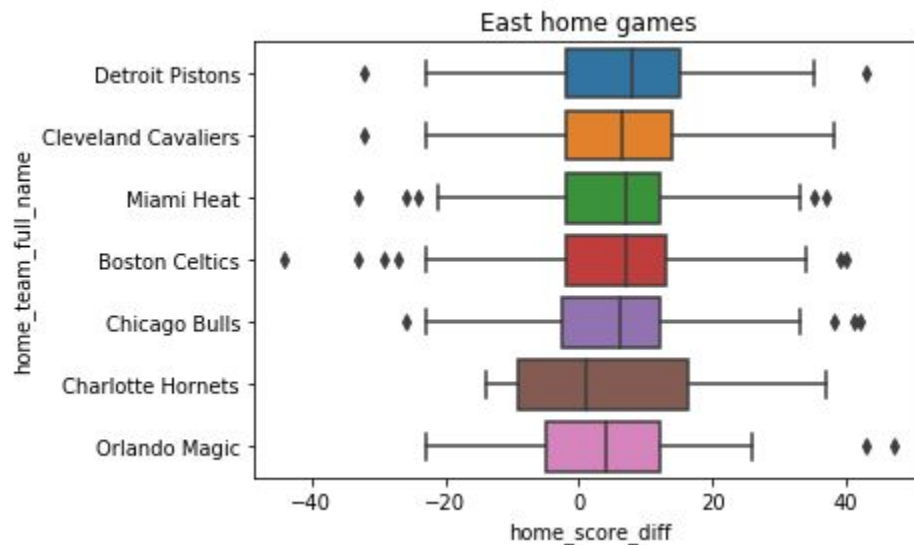
# East vs. West

- Compared the average of East Conference scores with the average of West Conference scores (only East vs. West playoff games)
- The averages were different by 0.42 points
- Statistically, the two average scores are not significantly different



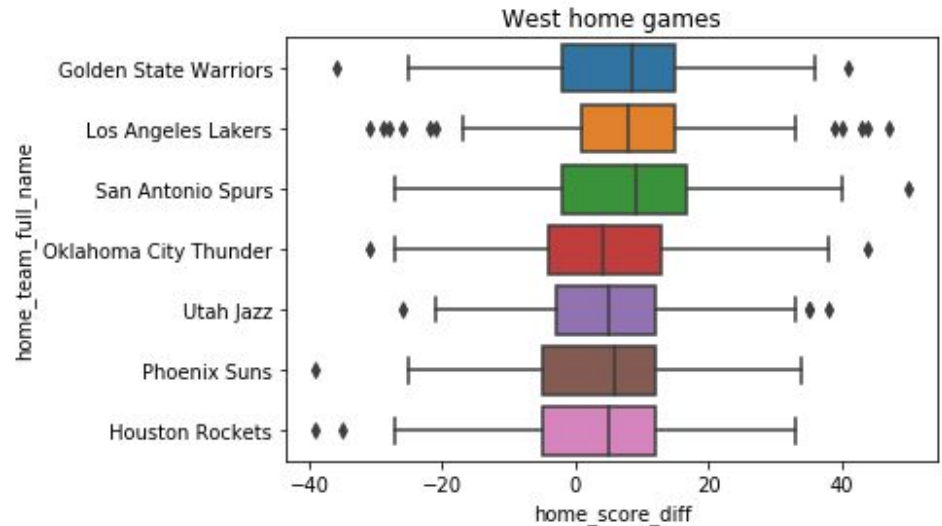
# Home Court Advantage (Score Differential)

- East Conference: no statistically significant difference among teams in home court advantage



# Home Court Advantage (Score Differential)

- Phoenix Suns: significantly **worse** than Los Angeles Lakers's
- Houston Rockets: significantly **worse** than Golden State Warriors
- San Antonio Spurs: significantly **better** than Houston Rockets
- Los Angeles Lakers: significantly **better** than Houston Rockets



# Next Steps

- Look at data by season year
- Incorporate non-Playoff game data
- Incorporate [Stats](#) data for players per game (metrics, minutes played)
- Track player metrics among many teams