

High Level Overview

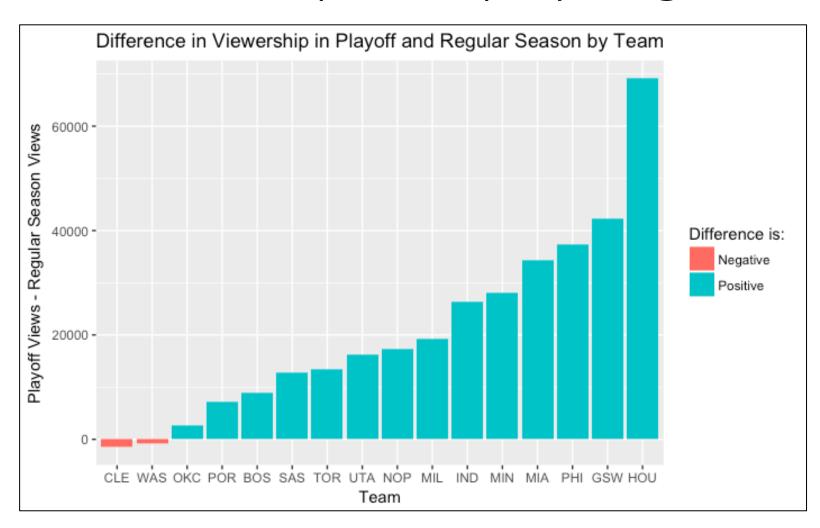
- As each NBA team currently generates value to their current city, instead of relocation, we consider expansion of the league to increase NBA revenue.
- Since playoff games have significantly larger viewership than regular season games, we propose a restructuring of divisions to help increase views and extend the longevity of a playoff series.





Regular season games exhibit lower viewership than playoff games.





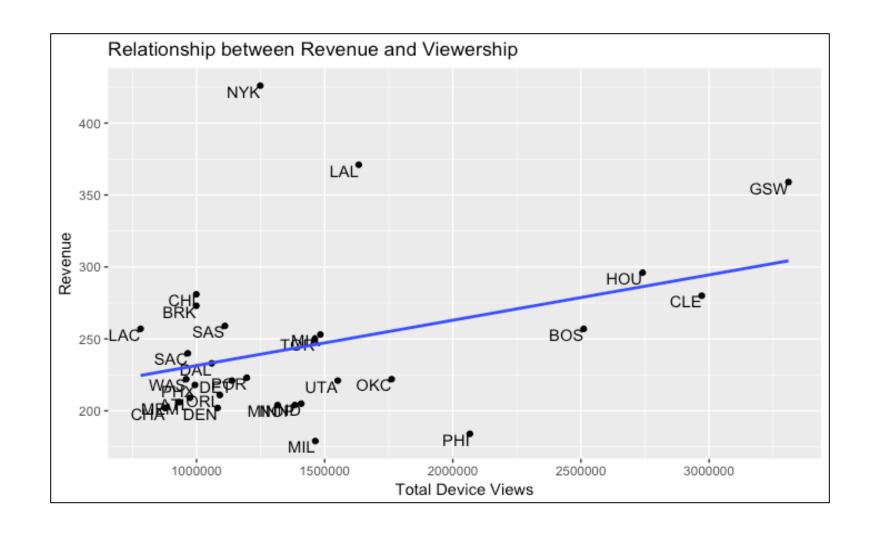
```
Welch Two Sample t-test

data: reg$devices and play$devices

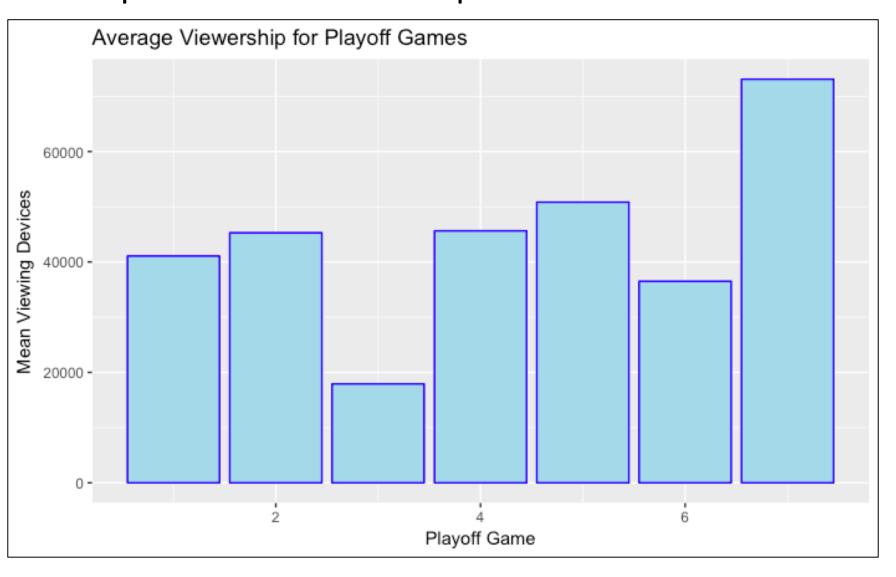
t = -7.6795, df = 165.14, p-value = 1.333e-12
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
   -33625.47 -19871.29
sample estimates:
mean of x mean of y
14349.71 41098.09
```

There is a positive relationship between game viewership and team revenue.





Later games result in higher viewership due to more competitive matchups.





Problem: How can we optimize matchups to maximize game viewership in both regular and playoff season games?





Association for Consumer Research

Emotional Marketing: How Pride and Compassion Impact Preferences For Underdog and Top Dog Brands



Association for Consumer Research

Emotional Marketing: How Pride and Compassion Impact Preferences For Underdog and Top Dog Brands

Journal of Social and Personal Relationships

The attractive underdog

When disadvantage bolsters attractiveness



Association for Consumer Research

Emotional Marketing: How Pride and Compassion Impact Preferences For Underdog and Top Dog Brands

Journal of Social and Personal Relationships

The attractive underdog

diagdyantage bolsters attractiveness

Personality and Social Psychology Bulletin

The Appeal of the Underdog

Joseph A. Vandello, Nadav P. Goldschmied, David A. R. Richards

First Published December 1, 2007 Research Article



Association for Consumer Research



Emotional Marketing: How Pride and Compassion Impact Preferences Journal of Social and Personal Relations. For Underdog and Top Dog Brands

The attractive underdog diagdyantage bolsters attractiveness

Personality and Social Psychology Bulletin

The Appeal of the Underdog

Joseph A. Vandello, Nadav P. Goldschmied, David A. R. Richards

First Published December 1, 2007 Research Article



Association for Consumer Research

OP-ED CONTRIBUTORS The Eternal Appeal of the Underdog

Emotional Marketing: How Pride and Compassion Impact Preferences Journal of Social and Personal Relations. For Underdog and Top Dog Brands

The attractive underdog

tipadvantage bolsters

Personality and Social Psychology Bu

Science News

from research organizations

Why Do People Support Underdogs And Find Them So Appealing?

December 20, 2007 Sage Publications

The Appeal of the Underdog

Joseph A. Vandello, Nadav P. Goldschmied, David A. R. Richards

First Published December 1, 2007 Research Article



Our Idea

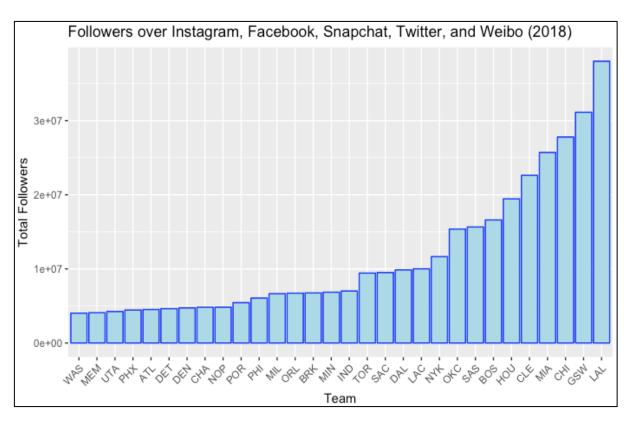


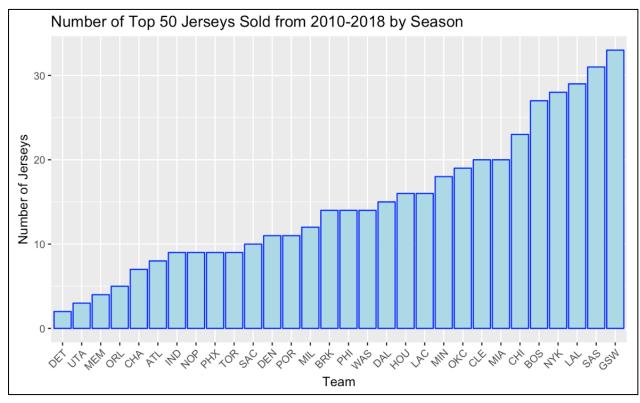
- Each NBA team generates value over a variety of metrics so we considered expansion of the league teams to increase the NBA's revenue
- Playoff games result in significantly larger viewership than regular season games so we are proposing to restructure brackets/conferences to help increase views and extend the longevity of a playoff series

Analysis of Potential Team Relocation



Raw Numbers: Social Media Followers and Jersey Sales for each team

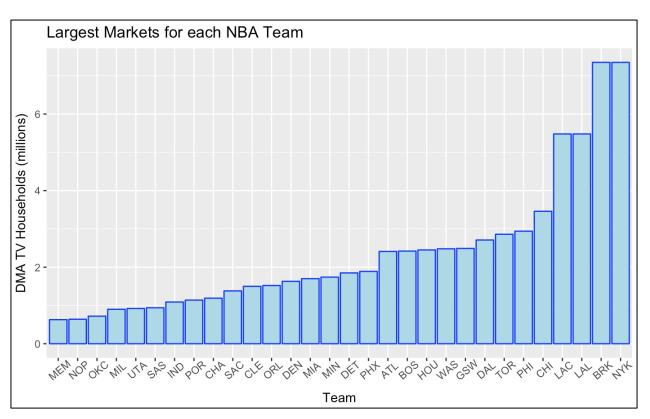


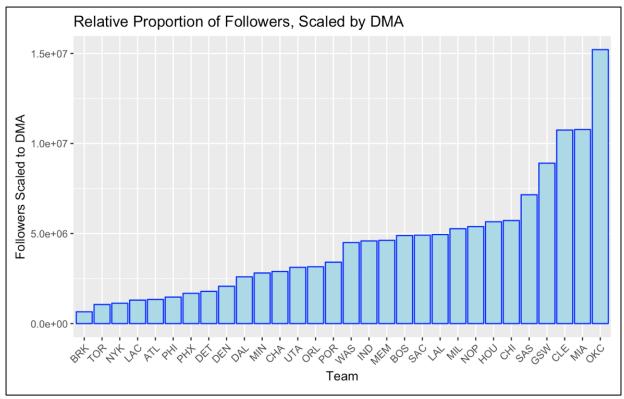


Analysis of Potential Team Relocation

NBA

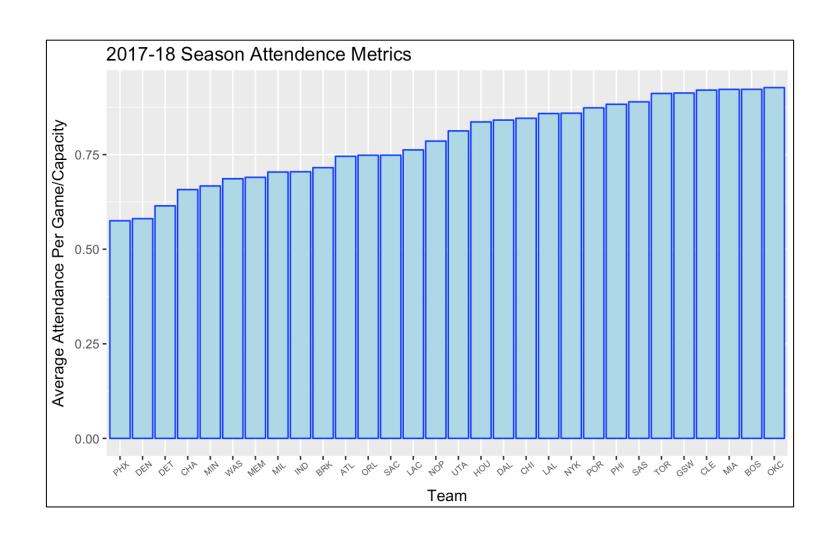
Rescaling metrics by how much of the market they capture





Analysis of Potential Team Relocation





Recommendations

NBA

- → Adding 2 new NBA Teams (for a total of 32) Evaluating teams by:
 - 1. Market Size
 - 2. Existing Infrastructure
 - 3. Demonstrated fan interest
- → Restructuring the playoff bracket to include wildcard candidates
 - Increase average viewership of games
 - Make games more competitive











Seattle

Market Size: 4,050,000 people

(20th largest in North America)

Venue(s): KeyArena

NCAA: University of Washington

(41st most valuable D1 team)

Fan Base: Seattle SuperSonics













Market Size: 22,000,000 people

(2nd largest in North America)

Venue(s): Palacio de los Deportes,

Mexico City Arena

Fan Base: NBA Global Games













Market Size: 2,075,000 people

(39th largest in North America)

Venue(s): PPG Paints Arena

NCAA: University of Pittsburgh

(19th most valuable D1 team)











Vancouver

Market Size: 2,475,000 people

(31st largest in North America)

Venue(s): Rogers Arena

Fan Base: Vancouver Grizzlies



Solution: Change the Playoff Structure of the NBA

NBA

Current Playoff Structure:

• Two conferences with 15 teams, top 8 in each make the playoffs

Proposed Changes:

- Add 2 new teams, for a total of 32 teams
- Realign conferences to create 4 divisions, with 4 teams in each division
- Each division winner clinches a playoff spot (top 4 seeds)
- Next 4 seeds are determined as wild card teams
- Creates similar structure to NFL/MLB/NHL placing higher value on each regular season game

Benefits of our Solution





Increased Revenue



More Sponsorships and Merchandise Sales



More Viewers



Increase Popularity of the NBA

Future Analysis

NBA

- International market data
- Data on player concerns and preferences
- Using machine learning methods, such as clustering and regression,
 to predict viewership from changes in division structure
- Projected financials for 32-team league

