

Repository for final project, STA 199 Spring 20 Section 002

Reminder: Proposal due April 6, 11:59pm US Eastern Time
Reminder: Full Project due April 30, 2:00pm US Eastern Time

The Outliers are analyzing data from the 2015-2019 D1 College Basketball seasons. Our research question is:
What statistical factors most attribute to success in March Madness for teams?

Dimensions: 1757 x 24

Codebook:

- TEAM: The Division I college basketball school
- CONF: The Athletic Conference in which the school participates in
- G: Number of games played
- W: Number of games won
- ADJOE (Adjusted Offensive Efficiency): An estimate of the offensive efficiency (points scored per 100 possessions) a team would have against the average Division I defense
- ADJDE (Adjusted Defensive Efficiency): An estimate of the defensive efficiency (points allowed per 100 possessions) a team would have against the average Division I offense
- BARTHAG: Power Rating (Chance of beating an average Division I team)
- EFG_O: Effective Field Goal Percentage Shot
- EFG_D: Effective Field Goal Percentage Allowed
- TOR: Turnover Rate
- TORD: Steal Rate
- ORB: Offensive Rebound Percentage
- DRB: Defensive Rebound Percentage
- FTR: Free Throw Rate (How often the given team shoots Free Throws)
- FTRD: Free Throw Rate Allowed
- 2P_O: Two-Point Shooting Percentage
- 2P_D: Two-Point Shooting Percentage Allowed
- 3P_O: Three-Point Shooting Percentage
- 3P_D: Three-Point Shooting Percentage Allowed
- ADJ_T: Adjusted Tempo (An estimate of the tempo (possessions per 40 minutes) a team would have against the team that wants to play at an average Division I tempo)
- WAB (Wins Above Bubble): The bubble refers to the cut off between making the NCAA March Madness Tournament and not making it
- POSTSEASON: Round where the given team was eliminated or where their season ended
 - R68 = First Four, R64 = Round of 64, R32 = Round of 32, S16 = Sweet Sixteen, E8 = Elite Eight, F4 = Final Four, 2ND = Runner-up, Champion = Winner of the NCAA March Madness)
- SEED: Seed in the NCAA March Madness Tournament
- YEAR: Season