

EVOLUTION OF NCAA BASKETBALL

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Context and Motivation:

College basketball has had to evolve to keep up with the popularity of the NBA. This poster examines that evolution.

College fans, athletic directors, school presidents, coaches and players will be interested in this poster because it benefits the school revenue and helps acquire the necessary skills to compete.

Questions:

1. How has the ncaa changed the way collegiate basketball is played.
2. What does it take to win a championship?

Data:

The data has 25 columns and 2455 rows. The data includes offensive and defensive team stats for all division I college basketball teams from 2013=2019. The data did not require much cleaning and aggregations were done to offensive and defensive efficiency statistics for the teams that won the championship from 2013-2019.

SOURCES:

Data:
Kaggle.com/
andrewsundberg/
college-
basketball-dataset

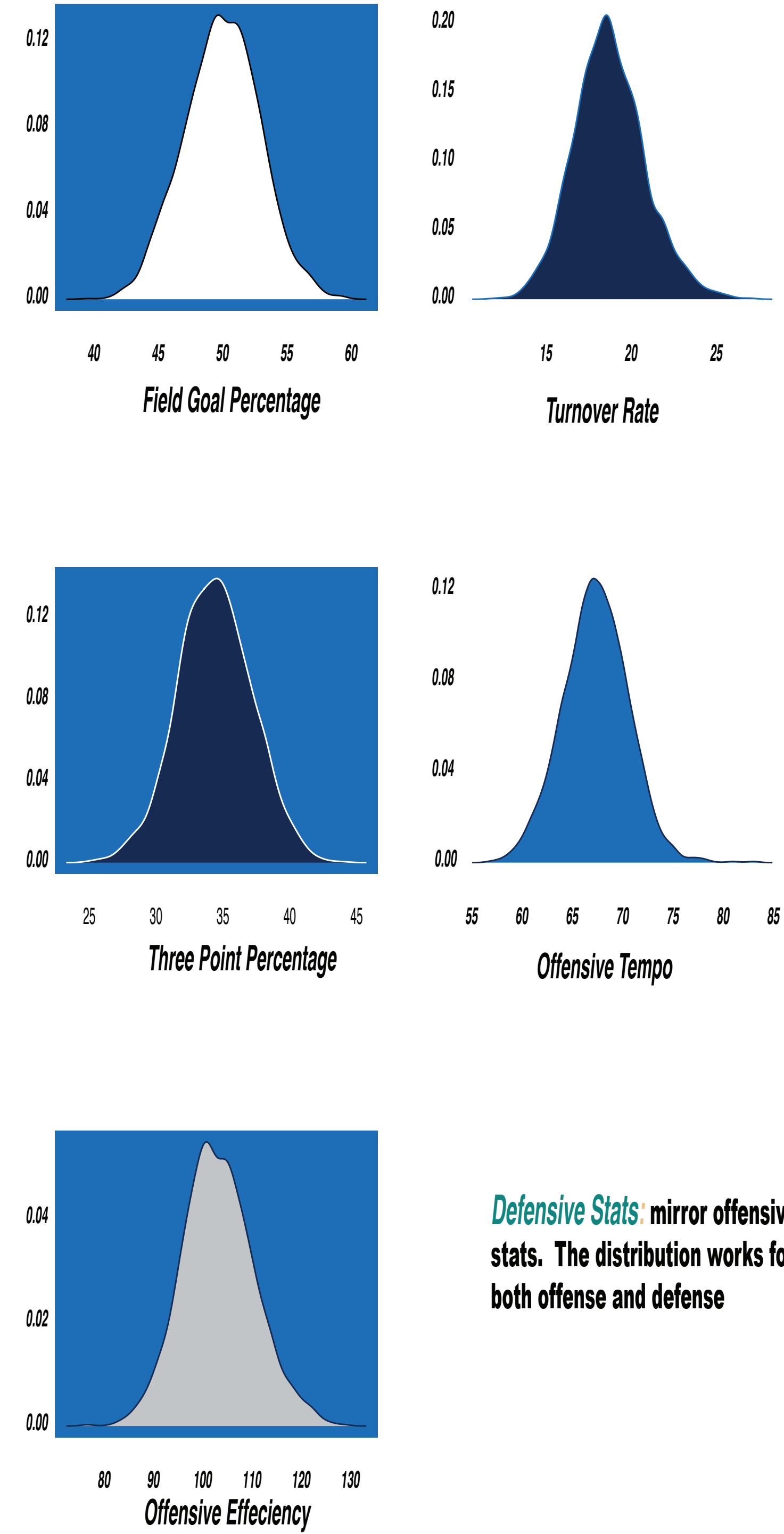
R-Packages
dplyr
ggplot
tidyverse
RColorBrewer

Images:
www.sportlogos.net

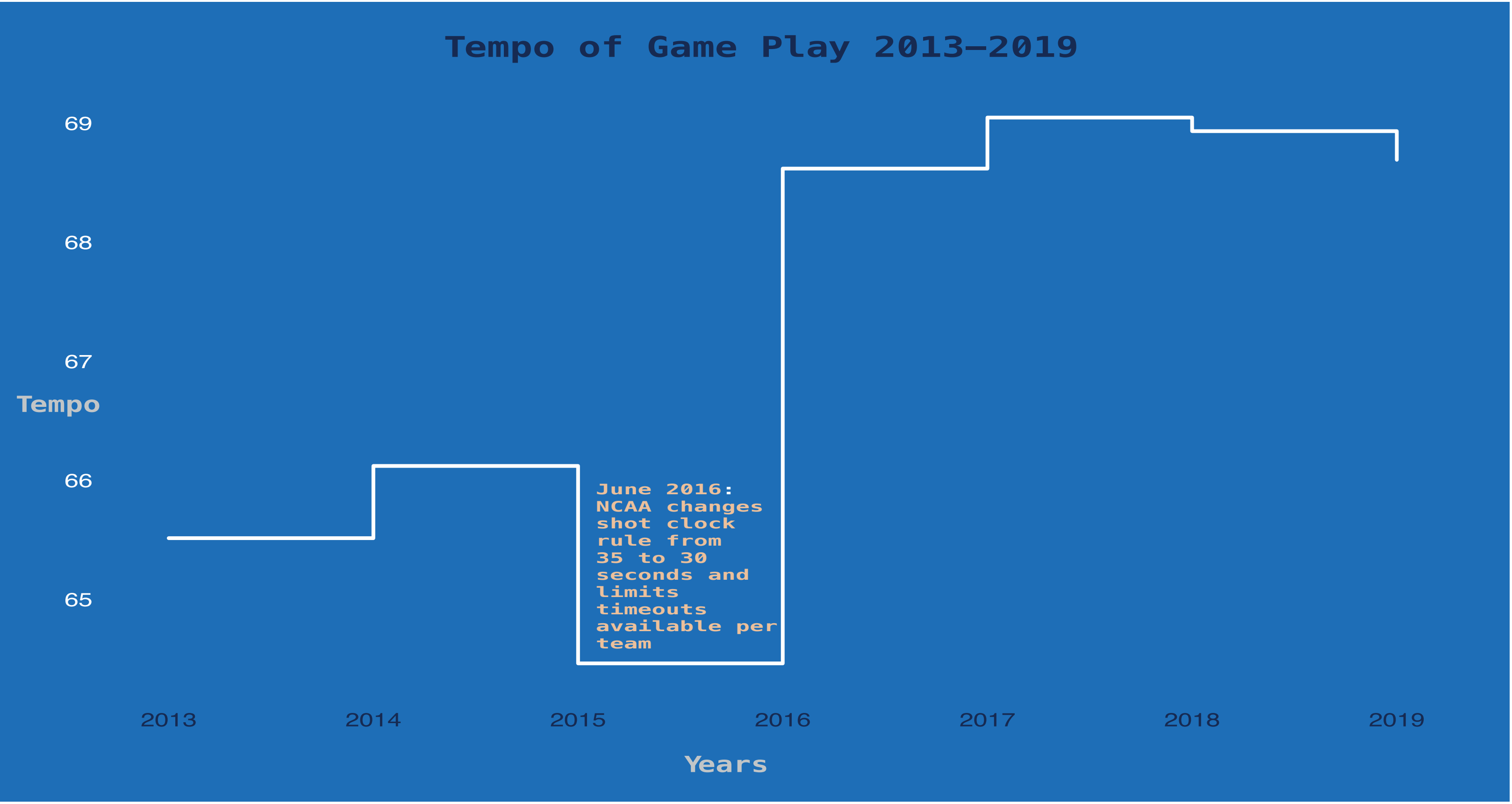
CODE:
IST 719
Nathan Yau

DISTRIBUTIONS

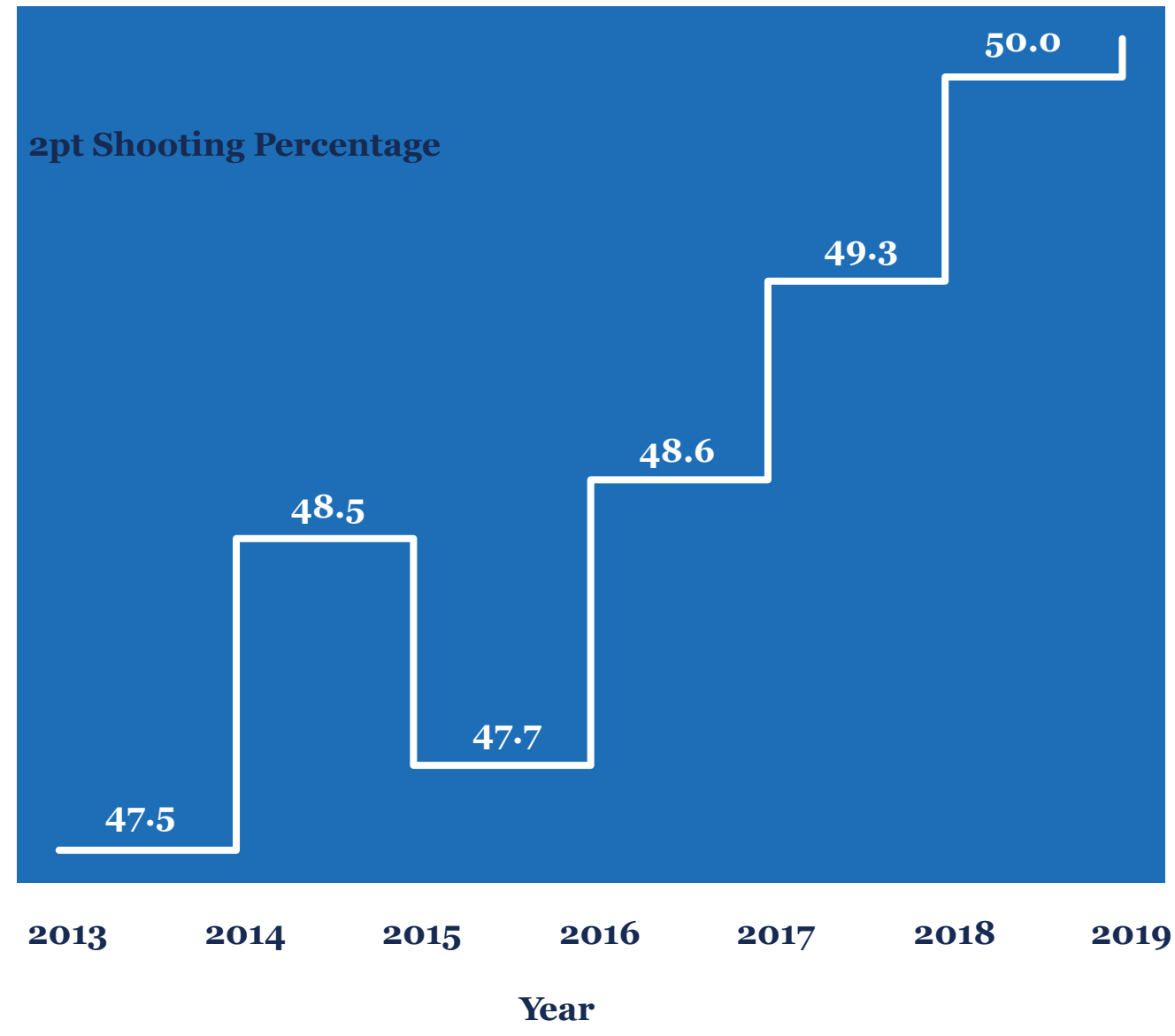
Distribution of NCAA Offensive Performance 2013-2019



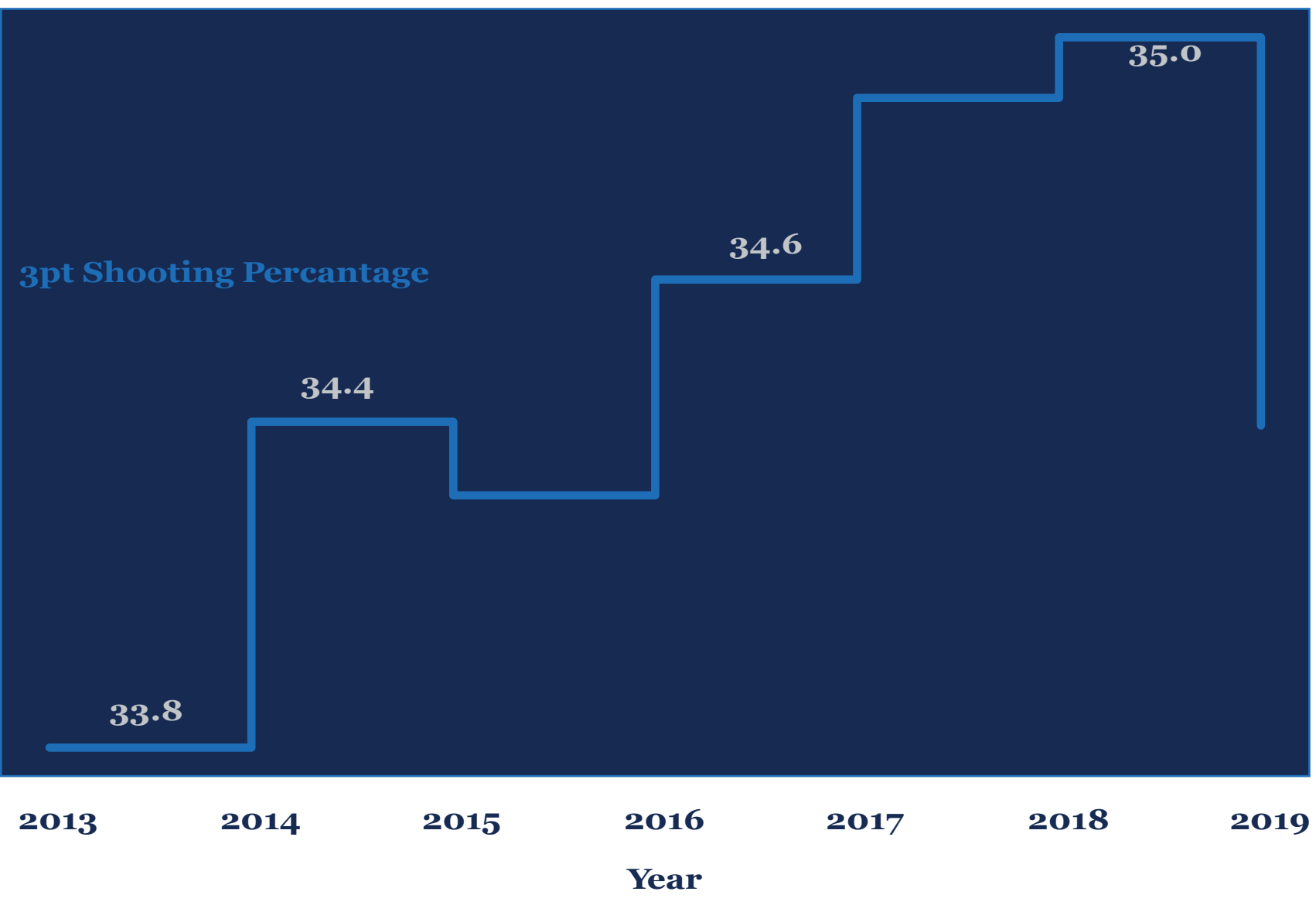
How has the NCAA changed the way collegiate basketball is played?



2pt Shooting Percentage Trends 2013-2019



3pt Shooting Percentage Trends 2013-2019



What it takes to Win a championship?

Offensive and Defensive Efficiency Measured by Wins

