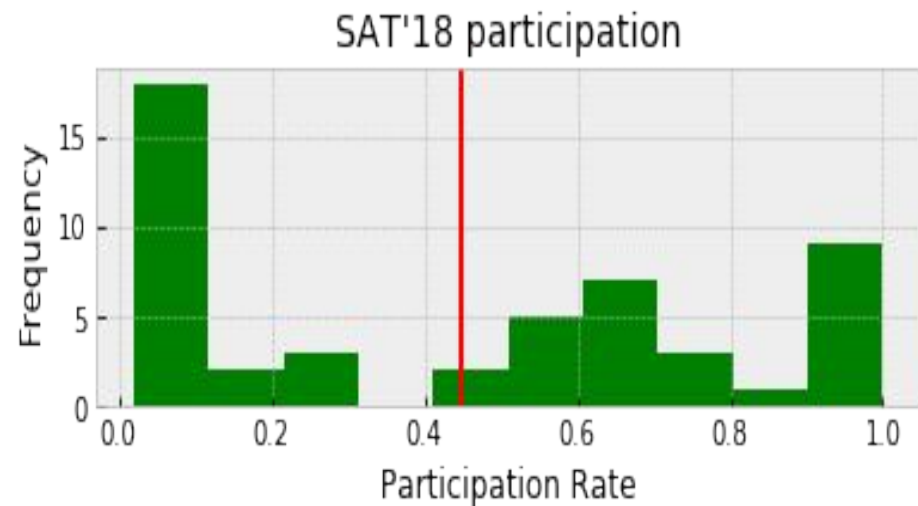


# Analysis of SAT and ACT Participation 2017-2018

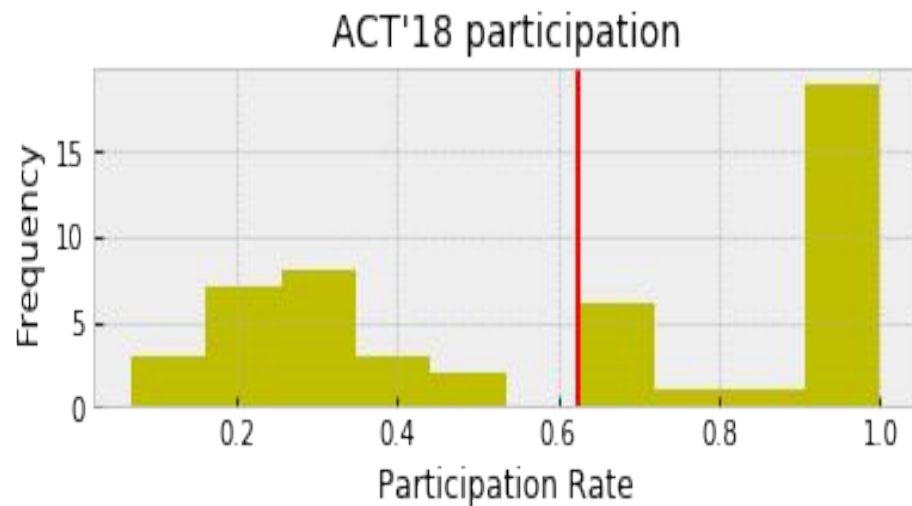
---

*Sruthi Koppuravuri*

# SAT and ACT participation distributions across US States

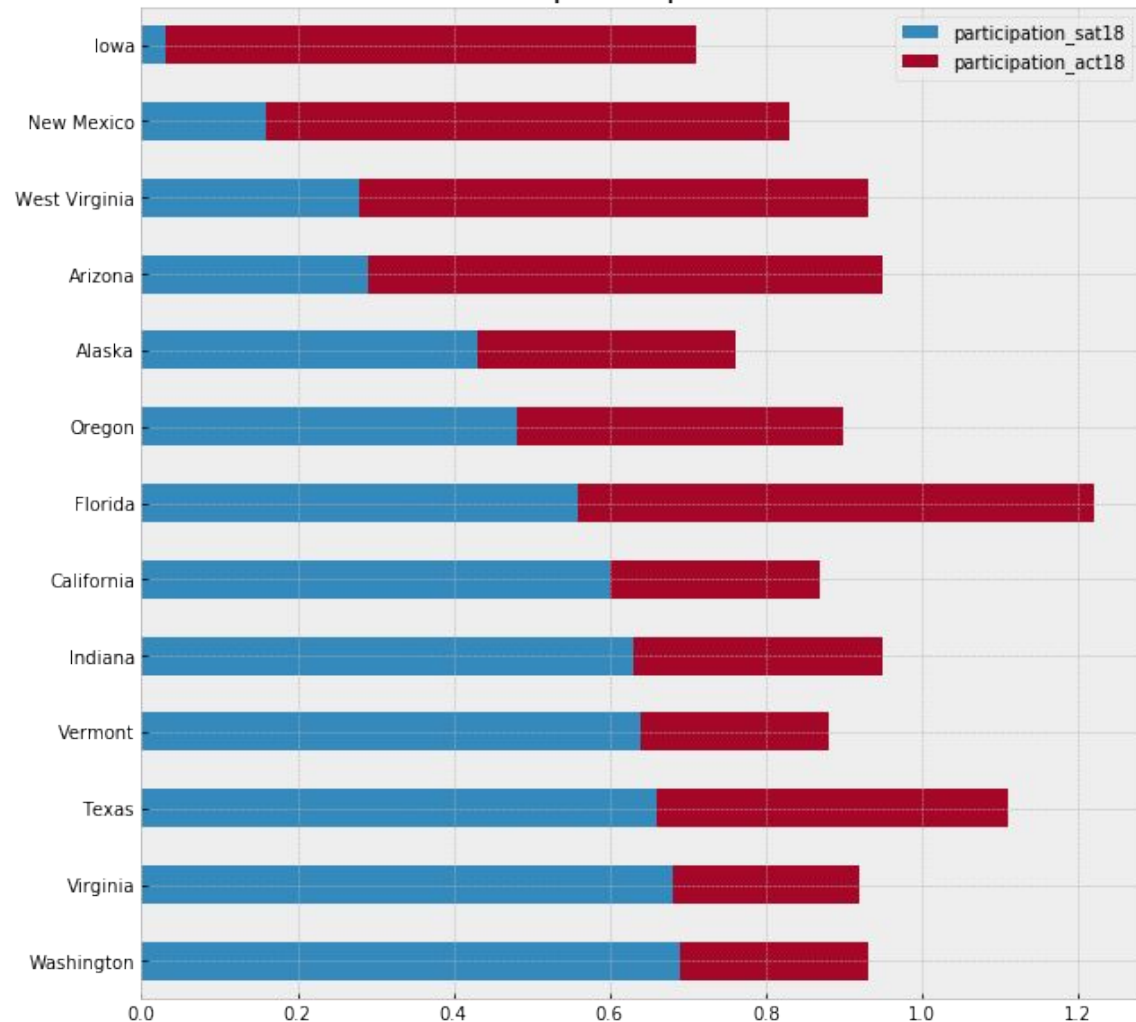


- SATs mandatory in 8 states
- More popular in the East and West Coasts



- ACTs mandatory in 16 states
- More popular in the Midwest

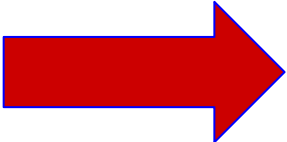
## States with SAT and ACT participation rates both below 70%



- Alaska and Iowa have total participation rate below 80%.
- ACTs are more popular in Iowa.
- Alaska is a good choice for improving SAT participation.

- Alaska made both the SAT and the ACT optional in 2016.

- ACT participation rate

65% in 2017  33% in 2018

- SAT participation rate

38% in 2017  43% in 2018

- 45.7% of Alaska high school graduates attend college compared to the national average of 63.3%.

# Recommendations

- Free prep material/courses
- Fee waivers
- Offering the SAT during regular school hours
- Encourage more students to pursue education after high school