

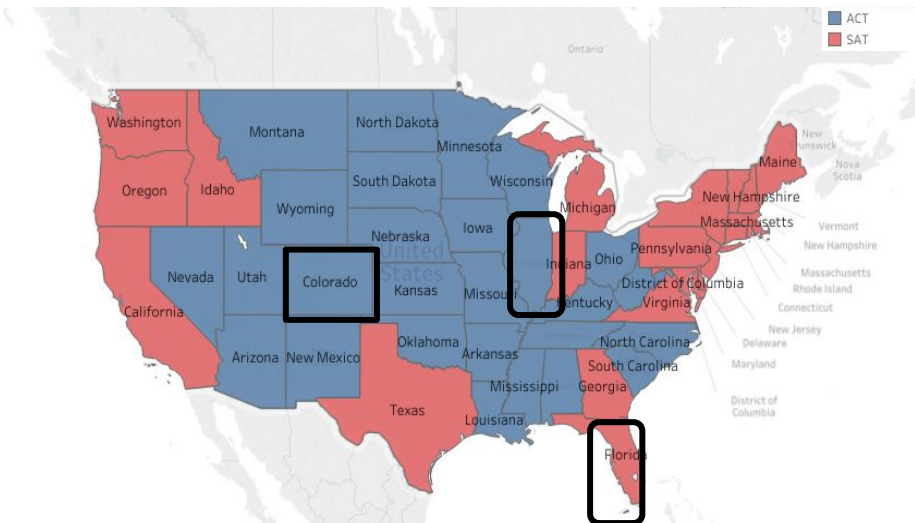
# How to Increase Participation Rate for SAT test?

— Key Takeaways and Recommendations to College Board

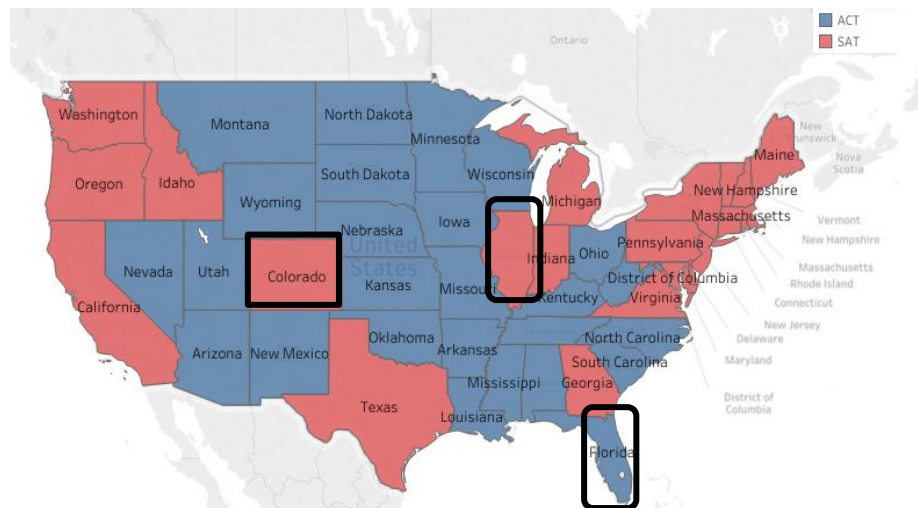


# Project 1: EDA of SAT&ACT

What is the more commonly taken test in each state?



2017 ACT-SAT Preference map

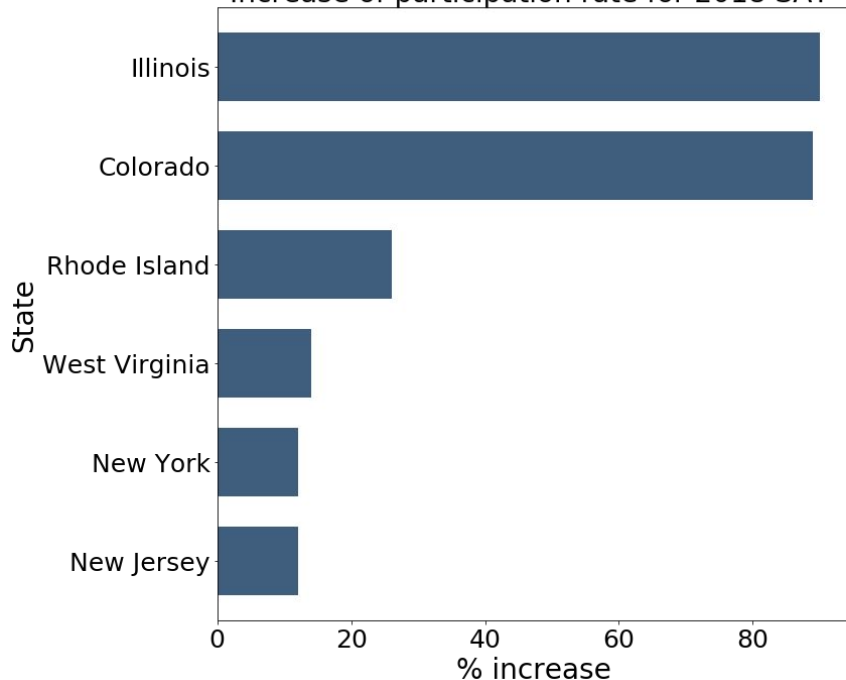


2018 ACT-SAT Preference map

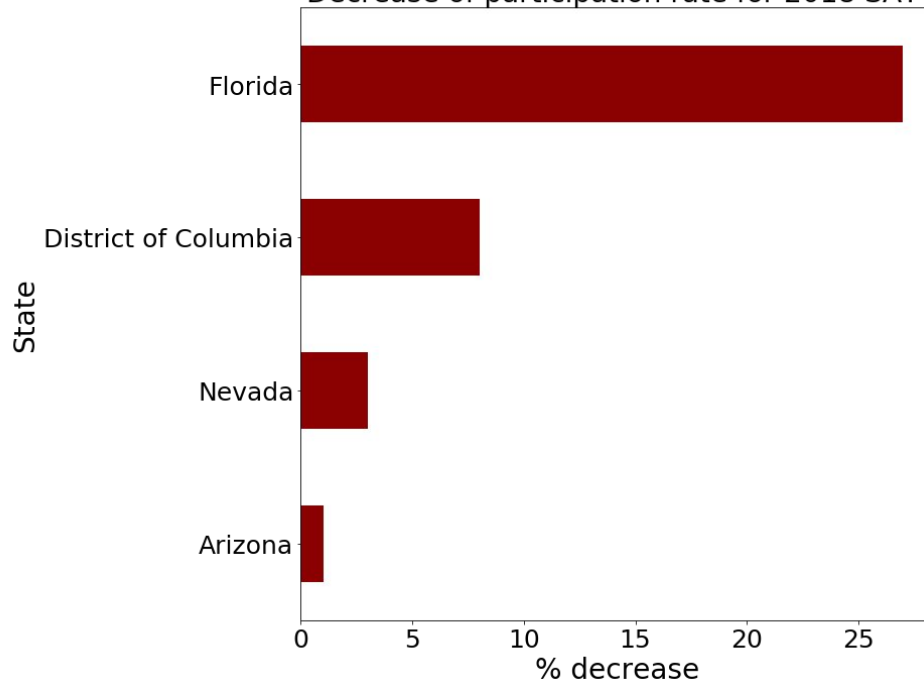
# Project 1: EDA of SAT&ACT

Compare to 2017 SAT, which states' participation rates have changed the most for 2018 SAT?

Increase of participation rate for 2018 SAT



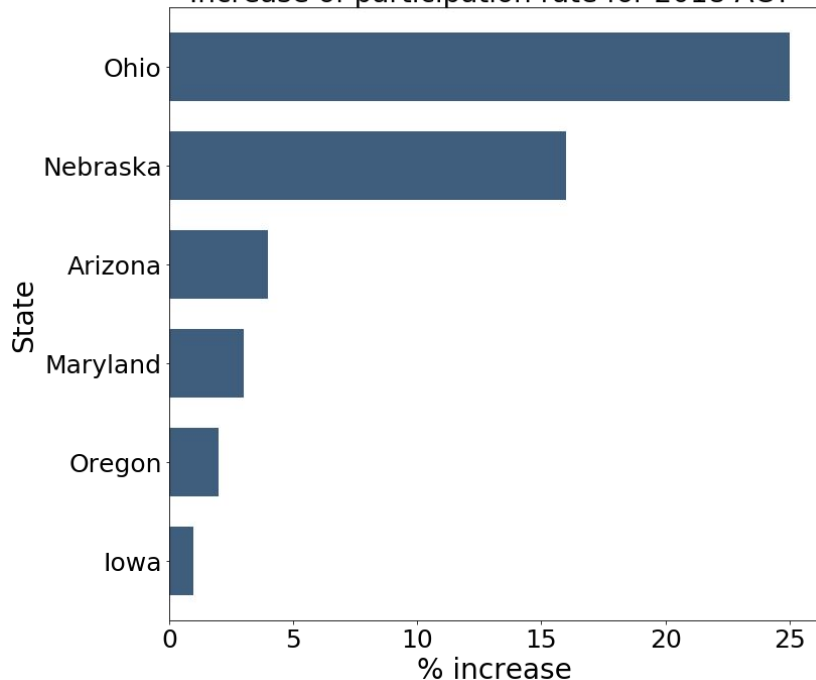
Decrease of participation rate for 2018 SAT



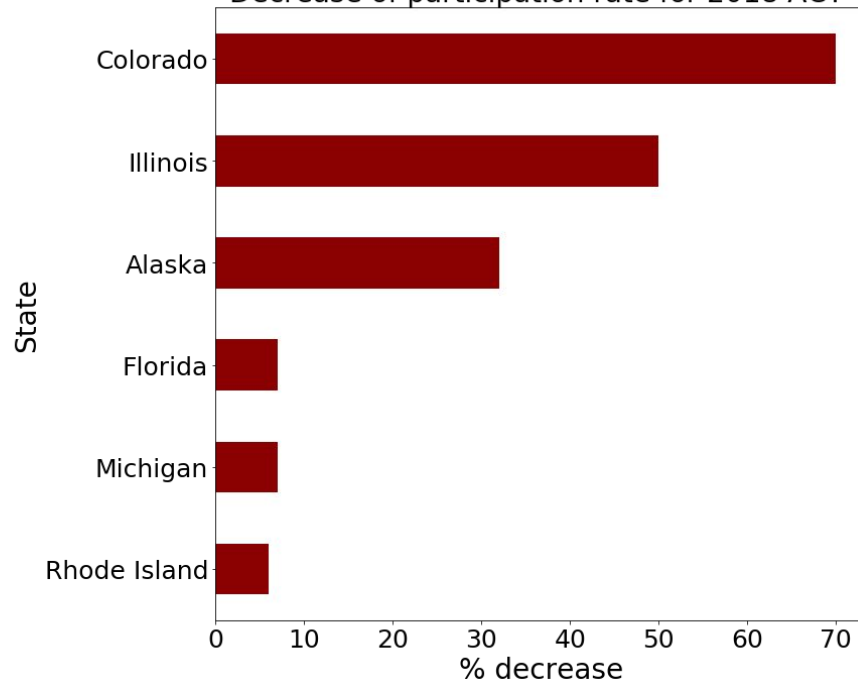
# Project 1: EDA of SAT&ACT

Compare to 2017 ACT, which states' participation rates have changed the most for 2018 ACT?

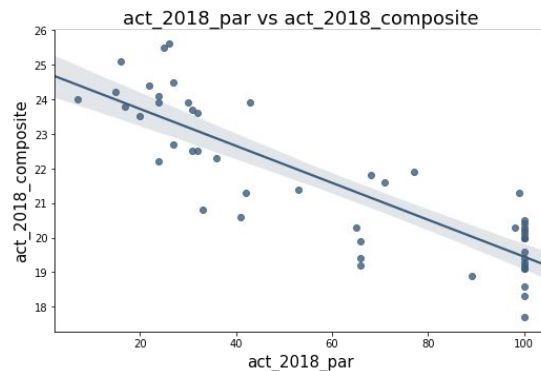
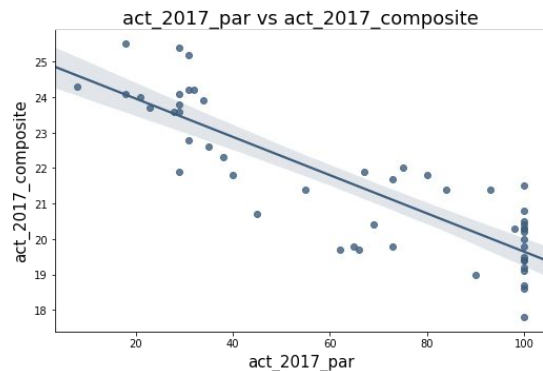
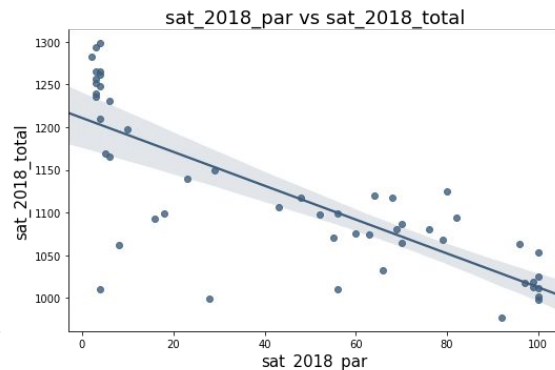
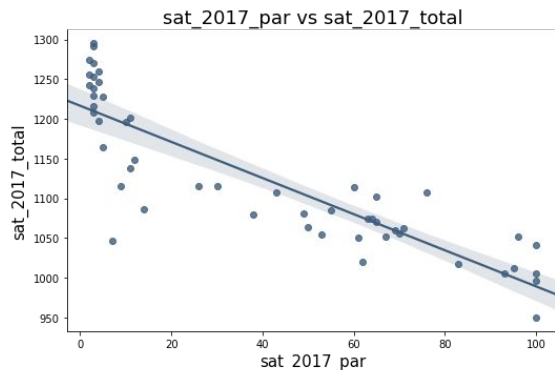
Increase of participation rate for 2018 ACT



Decrease of participation rate for 2018 ACT

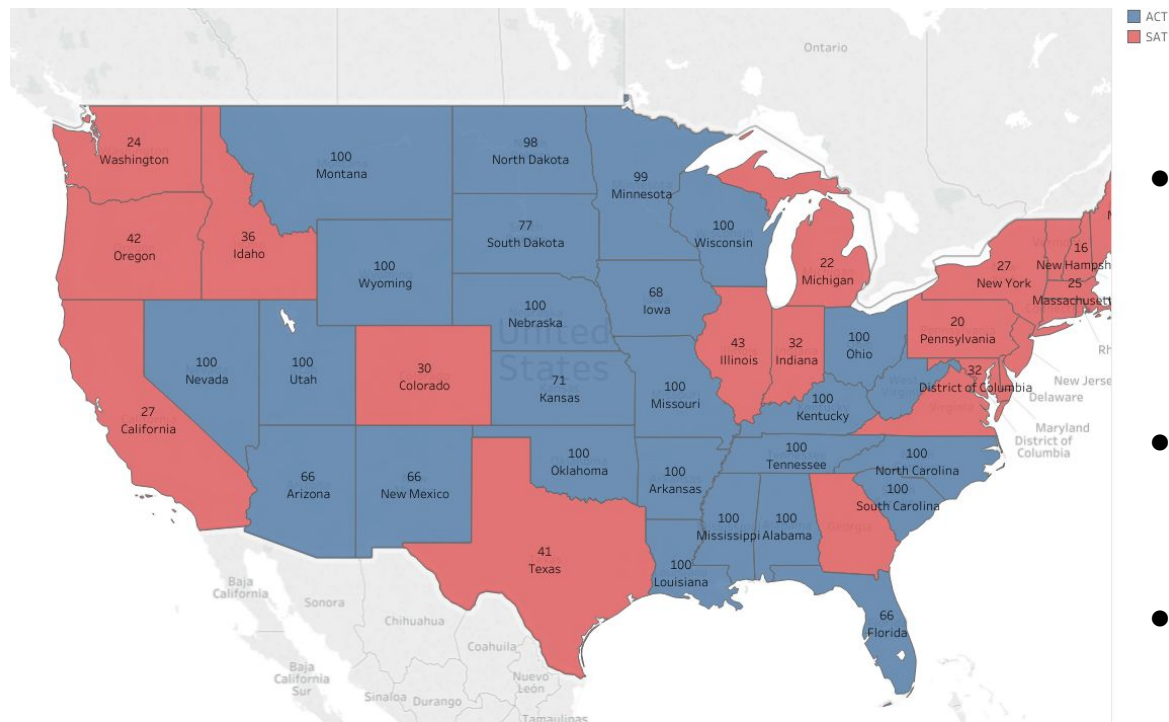


# Project 1: EDA of SAT&ACT



Any possible relations between subsets of the data? (i.e., scores vs participation rate)

# Project 1: EDA of SAT&ACT



## Recommendations:

- Target States = ACT participation rate <100 Midwest and South (e.g., Arizona, New Mexico, North Dakota, South Dakota, Kansas, Iowa, Minnesota, Florida)
- Encourage mandatory requirements for statewide testing program similar to ACT has in 17 states.
- Collect county-level and School district data for better targeting