



**SAT and ACT -
Should we force them on students?**



What do we want to find?

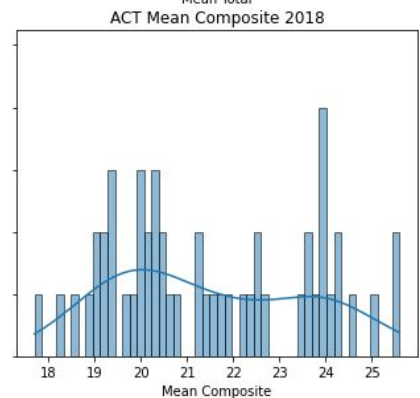
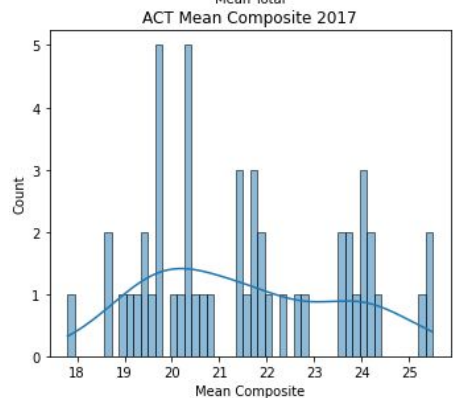
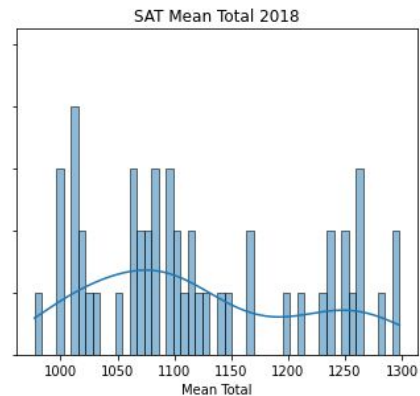
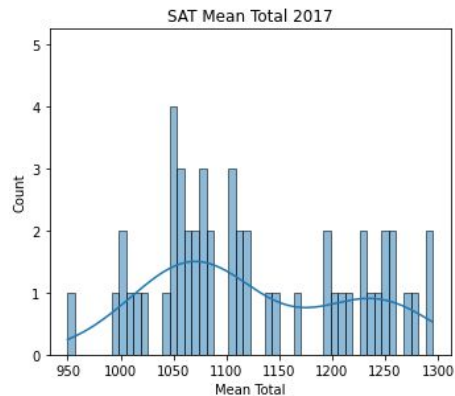
- How to increase the overall mean total / composite scores
 - Finding the relationship between participation and scores
 - Is compulsory testing really the best course of action?
 - If not, then what?



What data was used?

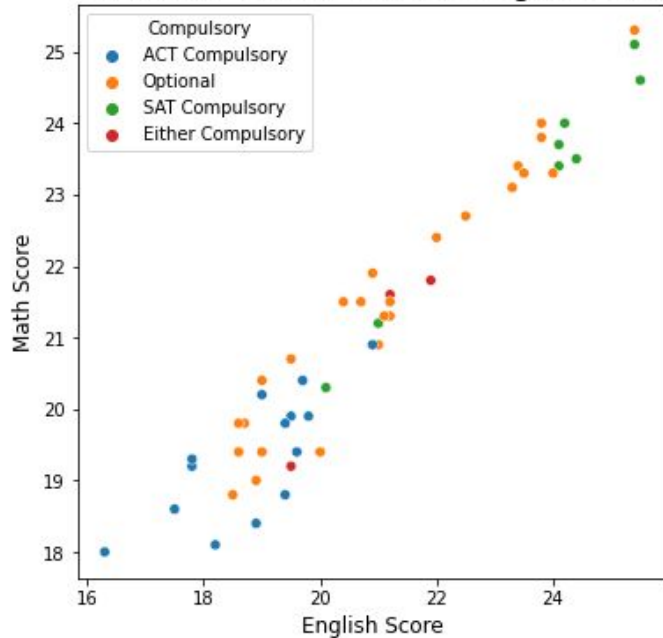
- SAT and ACT state averages for 2017 and 2018
- Inclusive of mean composite and total as well as participation rate by state

Comparing SAT and ACT mean results

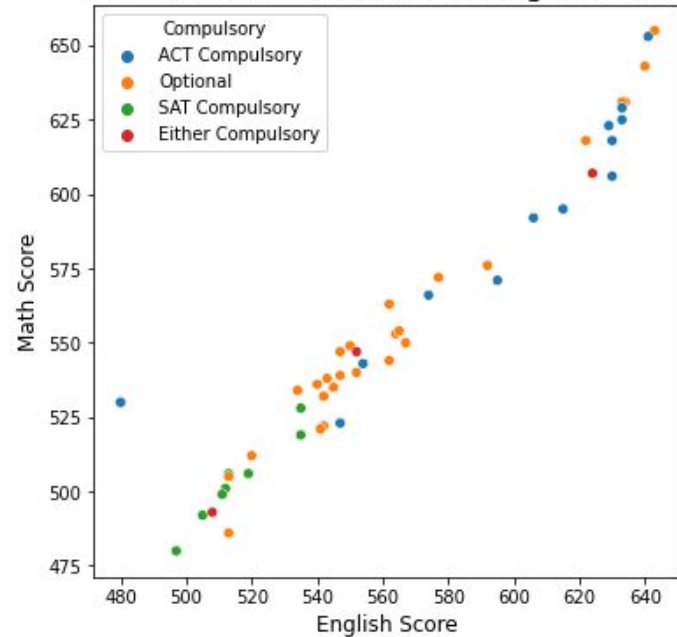


Showing the relationship between section scores

Mean ACT Score Math vs English 2017



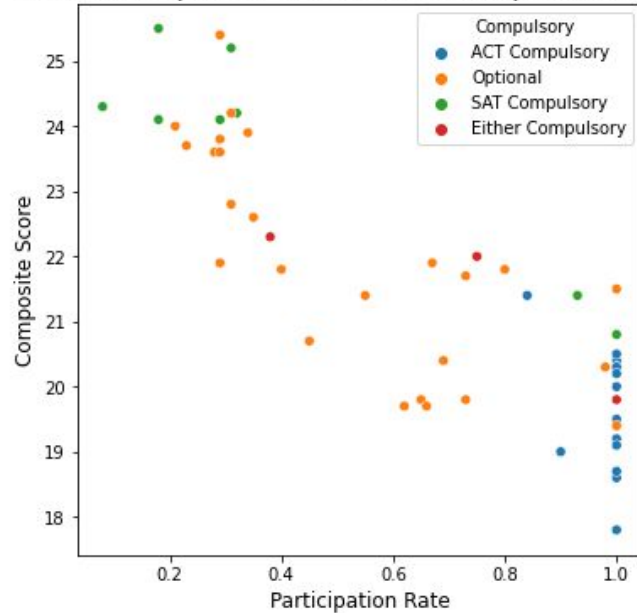
Mean SAT Score Math vs English 2018



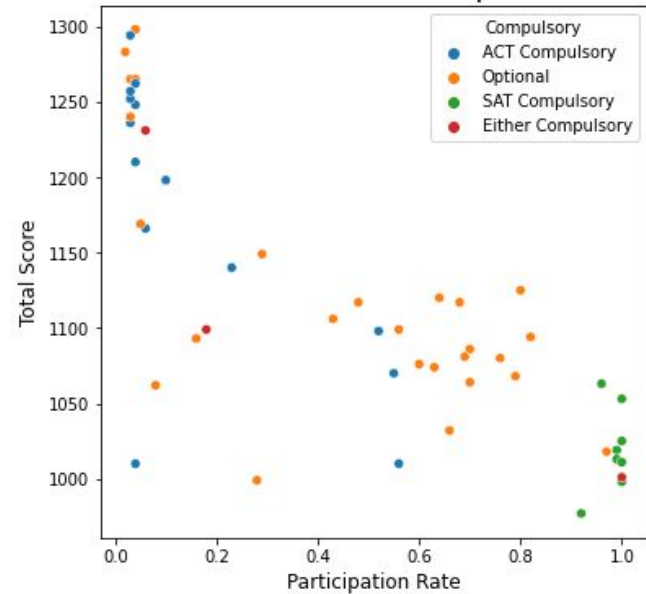
Showing the relationship between participation rate and mean scores



ACT Mean Composite Score vs Participation Rate 2017



SAT Mean Total Score vs Participation Rate 2018





Conclusion and Recommendations

- Remove compulsory testing
- Remove state-wide fee waiver
- Invest more in states with poor education systems