



# SAT & ACT Analysis

Chattrapat Chua

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# Problem Statement:

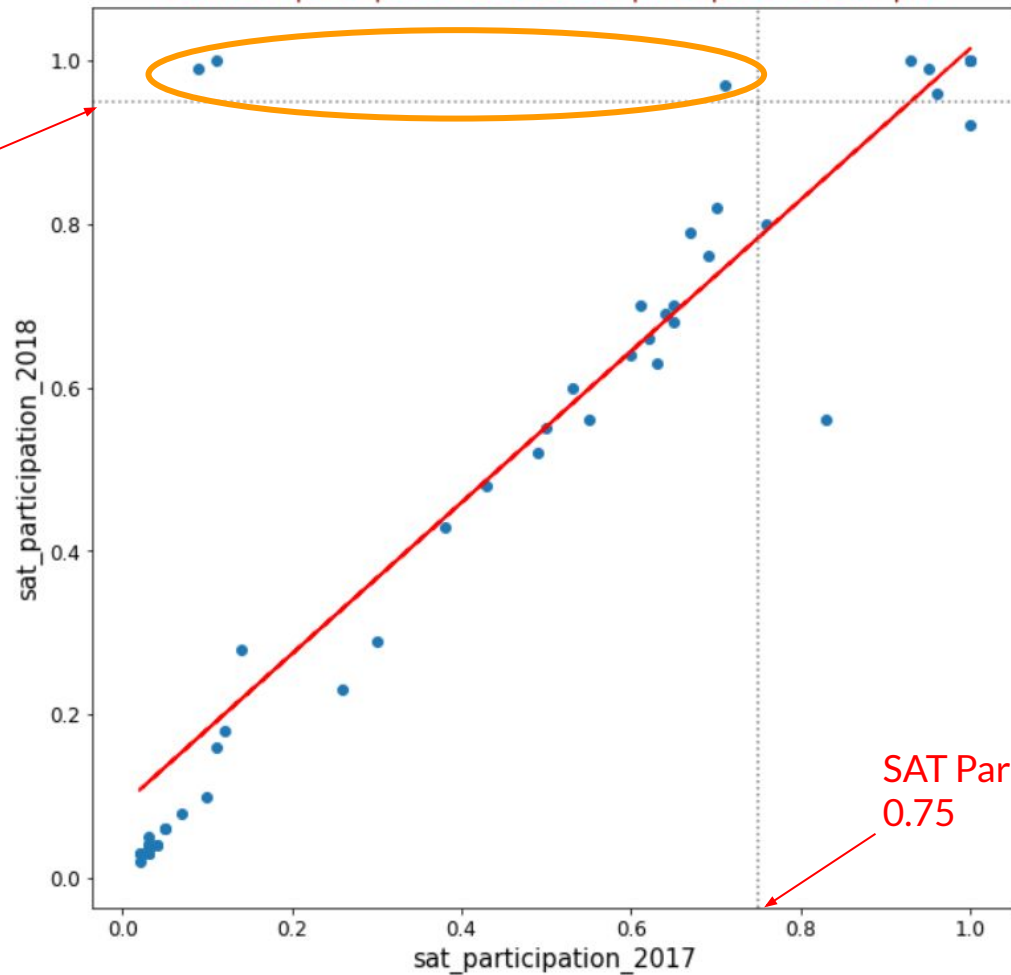
Recommendations to improve participation rate in  
the state of Ohio.



# Data

<b>SAT 2017 &amp; 2018 datasets</b>	<b>ACT 2017 &amp; 2018 datasets</b>
Participation rate for each state	
Average Total/Composite scores for each state	

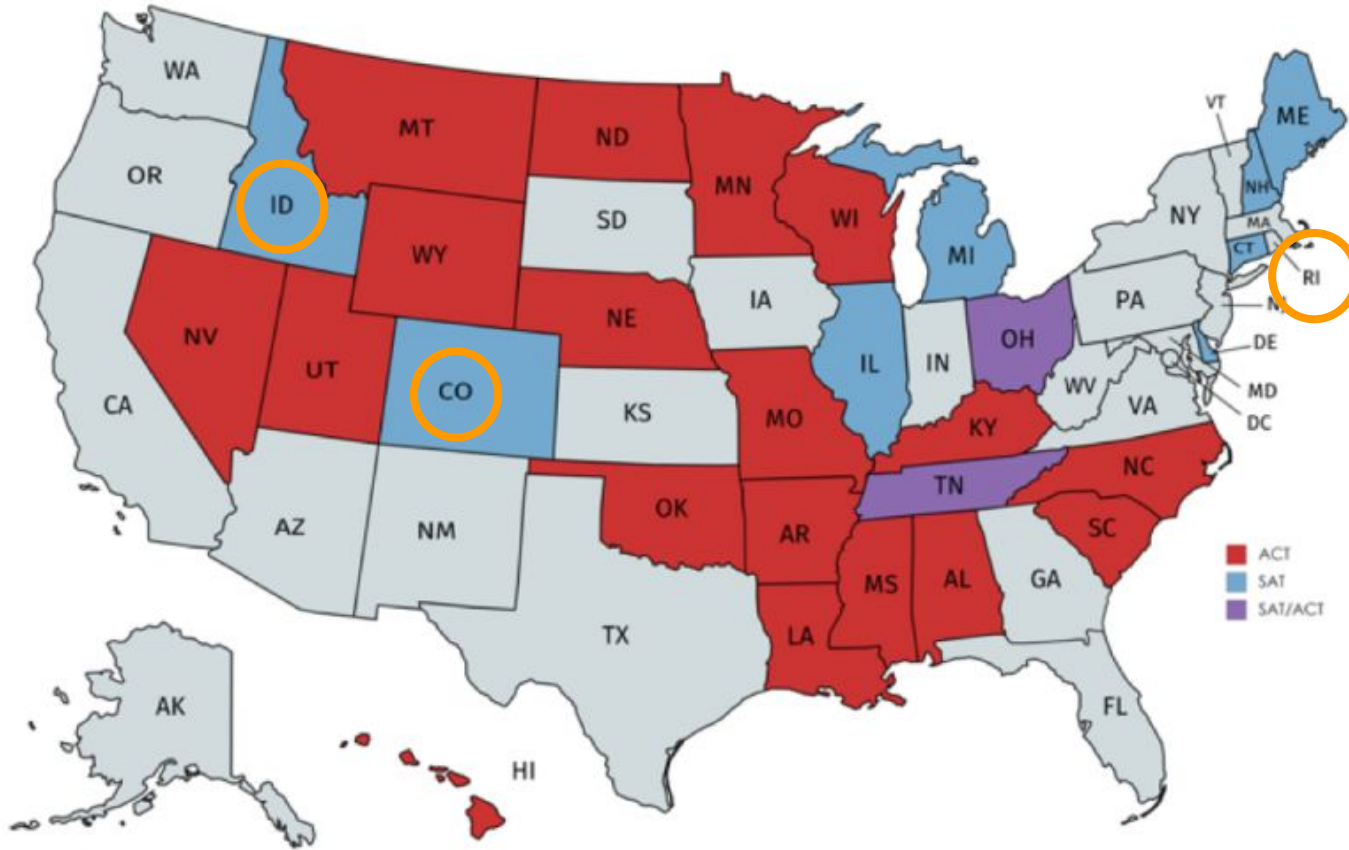
2017 SAT participation vs. 2018 SAT participation scatter plot



SAT Participation  
rate in 2018= 0.95

SAT Participation rate in 2017 =  
0.75

## 2018 map of states requiring SAT, ACT or either





# Colorado, Illinois, Rhode Island

- Contracts formed between The College Board and state govt.
- SAT 'school day' offered in these states
- State absorbs the cost of testing
- The College Board submitted the more competitive bid in these states



## Why Ohio?

- It requires SAT **or** ACT
- It is the 10th most densely populated state
- It has relatively low participation rate



# Recommendations

- Identify schools with low participation in the state
  - Analyse causes for low participation
  - Address causes
- Convince Ohio state govt. to initiate a bidding process
  - Select sole standardized test state-wide
  - Funded by the state
- Advertise the range of free support that SAT offers