

# Why Not Both?

Can mandating participation in ACT or SAT help increase scores?

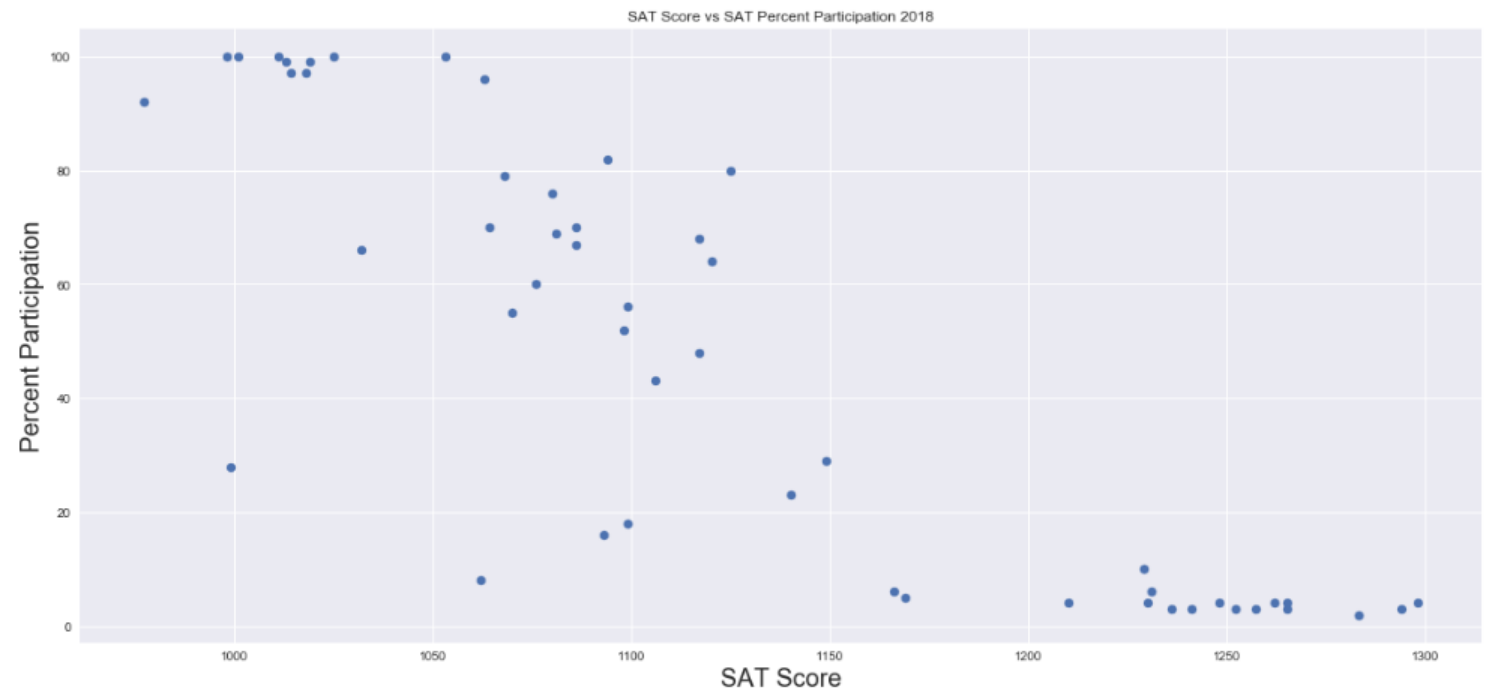
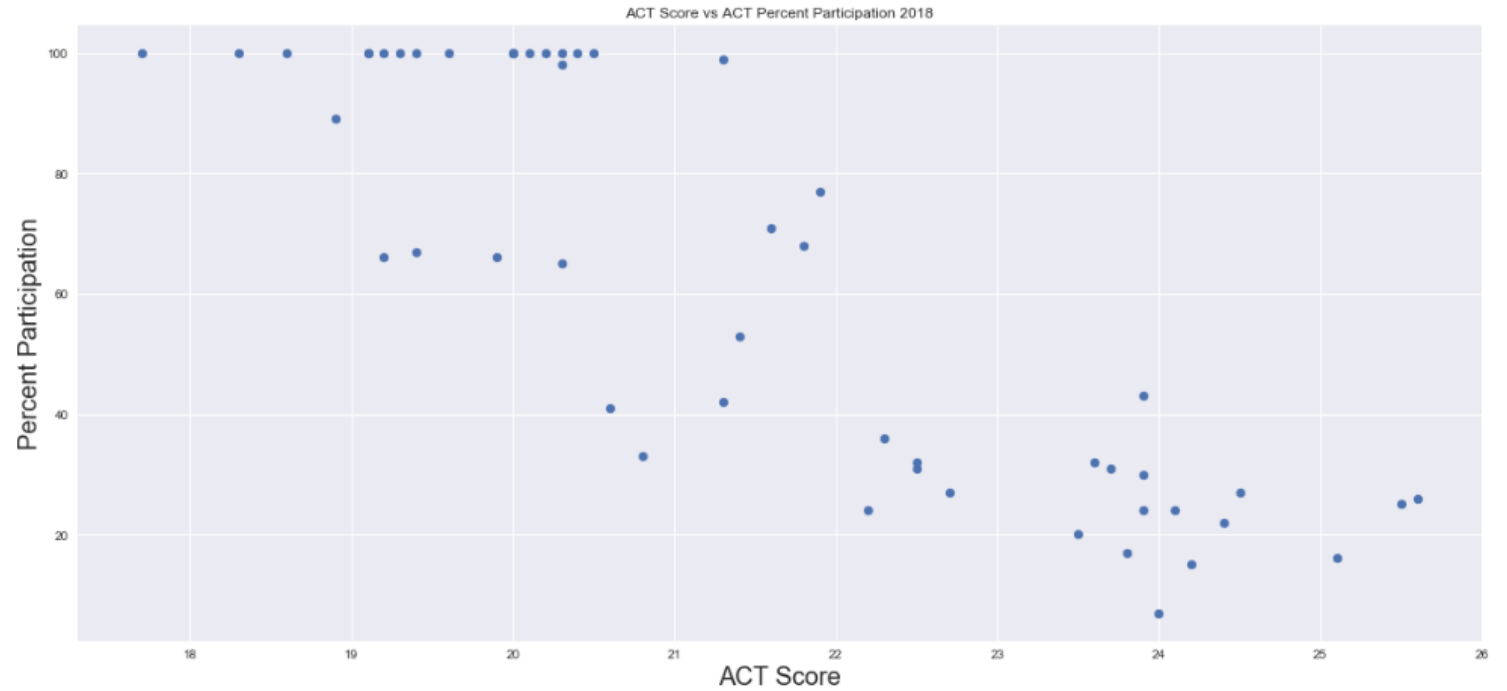
# Compulsion and Choice

<u>States that Require ACTs</u>	2018 ACT Participation 100%	<u>States that Require SATs for Federal Funding</u>
<u>Alabama</u> <u>Kentucky</u> <u>Louisiana</u> <u>Mississippi</u> <u>Montana</u> <u>Nebraska</u> <u>Nevada</u> <u>North Carolina</u> <u>North Dakota</u> <u>Utah</u> <u>Wisconsin</u> <u>Wyoming</u>	Alabama Arkansas Kentucky Louisiana Mississippi Missouri Montana Nebraska Nevada North Carolina Ohio Oklahoma Tennessee Utah Wisconsin Wyoming	Connecticut Illinois Maine New Hampshire Michigan Delaware

- ACT and SAT as it relates to percent participation

### Possible Factors

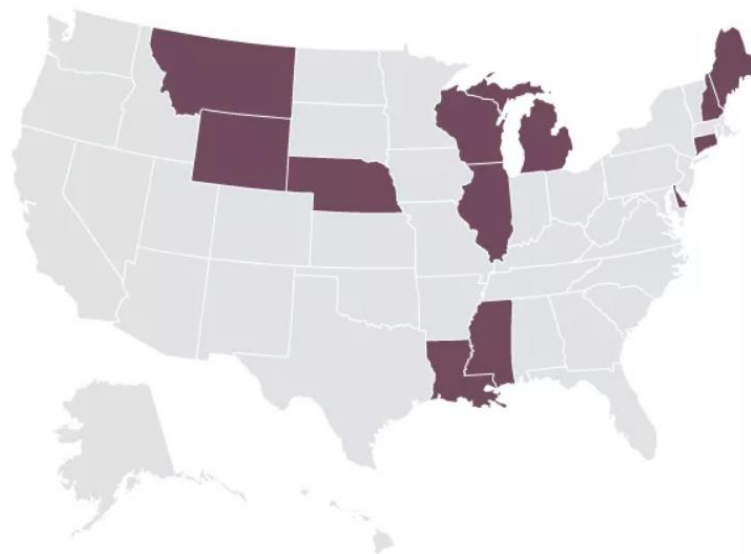
- Sample Size
- Eager Students
- Education Facility



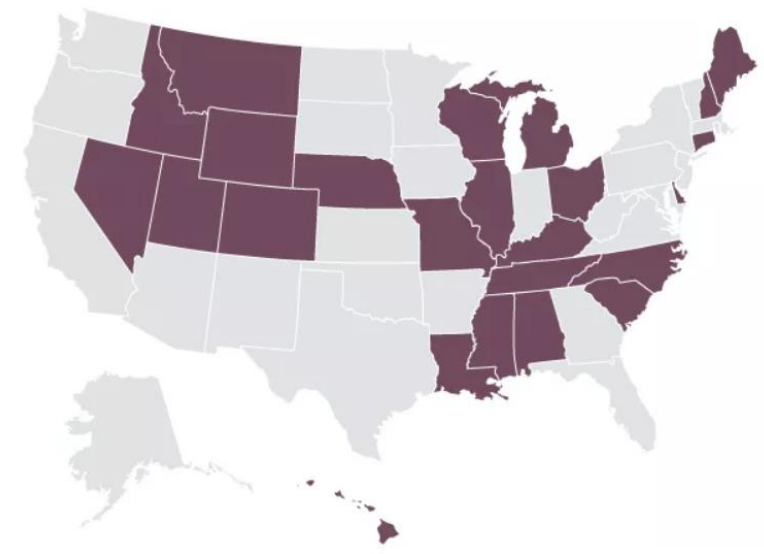
Whose doing it  
right and how  
can we get  
there?

Top States and Scores 2018 SAT	Top States and Scores 2017 SAT	Top States and Scores 2018 ACT	Top States and Scores 2017 ACT																																								
<table><tr><td>Minnesota</td><td>1298</td></tr><tr><td>Wisconsin</td><td>1294</td></tr><tr><td>North Dakota</td><td>1283</td></tr><tr><td>Iowa</td><td>1265</td></tr><tr><td>Kansas</td><td>1265</td></tr></table>	Minnesota	1298	Wisconsin	1294	North Dakota	1283	Iowa	1265	Kansas	1265	<table><tr><td>Minnesota</td><td>1295</td></tr><tr><td>Wisconsin</td><td>1291</td></tr><tr><td>Iowa</td><td>1275</td></tr><tr><td>Missouri</td><td>1271</td></tr><tr><td>Kansas</td><td>1260</td></tr></table>	Minnesota	1295	Wisconsin	1291	Iowa	1275	Missouri	1271	Kansas	1260	<table><tr><td>Connecticut</td><td>25.6</td></tr><tr><td>Massachusetts</td><td>25.5</td></tr><tr><td>New Hampshire</td><td>25.1</td></tr><tr><td>New York</td><td>24.5</td></tr><tr><td>Michigan</td><td>24.4</td></tr></table>	Connecticut	25.6	Massachusetts	25.5	New Hampshire	25.1	New York	24.5	Michigan	24.4	<table><tr><td>New Hampshire</td><td>25.5</td></tr><tr><td>Massachusetts</td><td>25.4</td></tr><tr><td>Connecticut</td><td>25.2</td></tr><tr><td>Maine</td><td>24.3</td></tr><tr><td>District of Columbia</td><td>24.2</td></tr></table>	New Hampshire	25.5	Massachusetts	25.4	Connecticut	25.2	Maine	24.3	District of Columbia	24.2
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States Using the SAT or ACT for Federal Accountability:



States Requiring the SAT or ACT:



# Lets take a closer look

## The Ones that Stayed On High SAT

- Minnesota
- Wisconsin
- Kansas
- Iowa

In the Midwest the SAT is viewed as a backup exam. Ambitious students bent on Ivy Leagues are more likely to take the SATs

- Link-  
<https://www.forbes.com/sites/bentaylor/2014/07/17/why-the-midwest-dominates-the-sat/#72aage622f37>

## The Ones that Stayed On High ACT

- Connecticut
- Massachusetts
- New Hampshire
- The second sampling as well, less students and the students who are likely to these exams have already taken the SATs

# Conclusion:

- Sample bias can have an impact on the data
- Compulsion does NOT correlate to high test value
- Preparatory exams aren't always the best indicator for how well you will do in school
  - It takes grit, passion, and determination
  - On top of a good school system and income class.

Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4776299/>