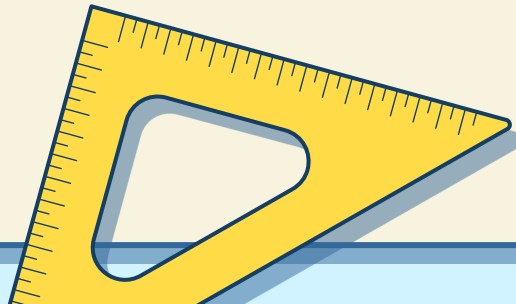
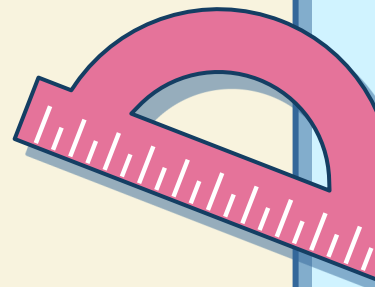


by : Tan Ming Jie

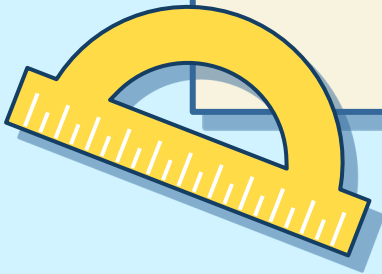
Data Analysis of SAT Participation



Who am I?



**College
Board**



Project Aims

01

Explore trends in SAT and ACT participation

02

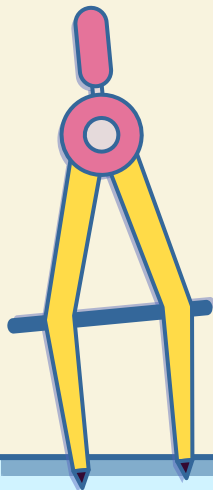
Identify states low participation

03

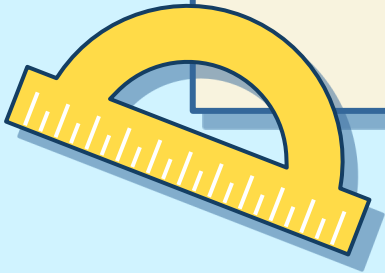
Identify Factors for low participation

04

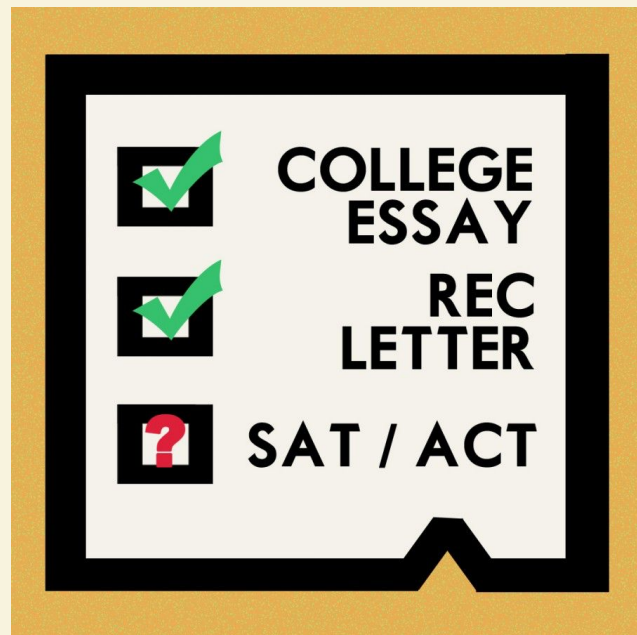
Provide recommendations to increase SAT participation



Research Findings



Test-Optional Policy



Test-Optional Policy



According to research

Research has repeatedly proved that students from wealthy families score higher on the SAT and ACT, compared to students from low-income families.

Source: <https://edition.cnn.com/2020/04/14/us/coronavirus-colleges-sat-act-test-trnd/index.html>

SAT vs ACT

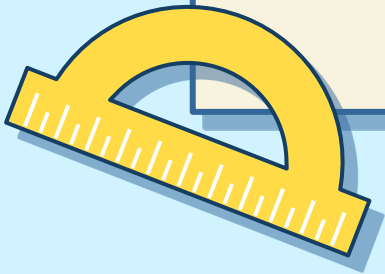


SAT
VS
ACT

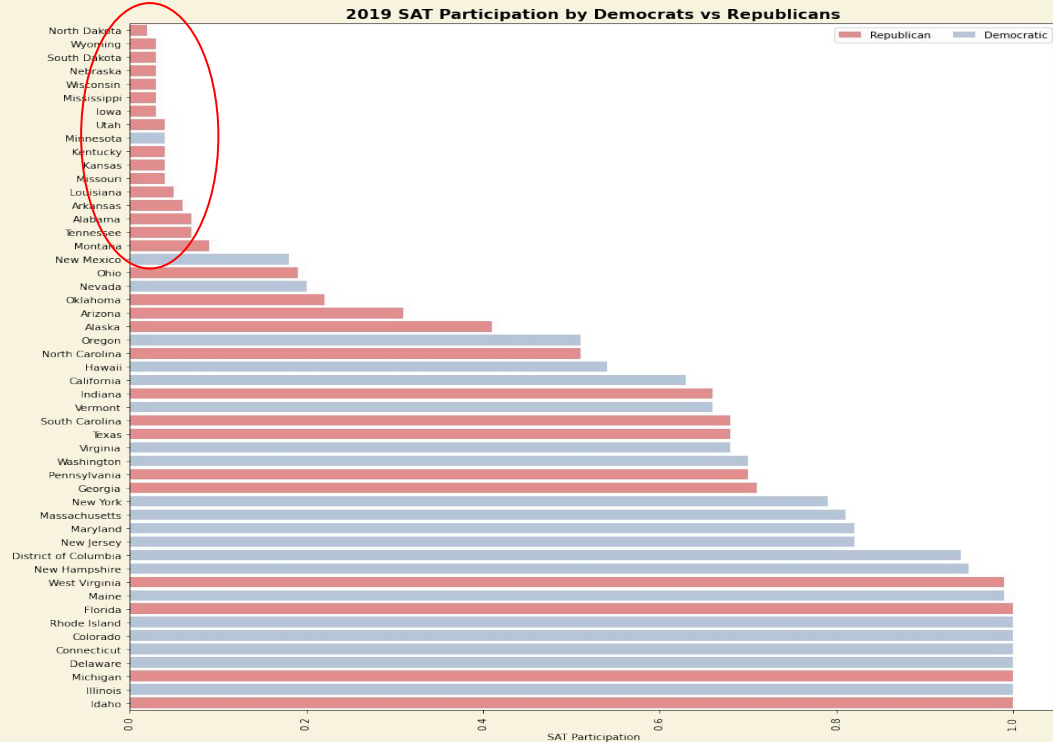
One myth that persists is that elite colleges—like the Ivy Leagues on the East Coast—favor the SAT.

colleges don't really prefer one over the other

Technical Analysis

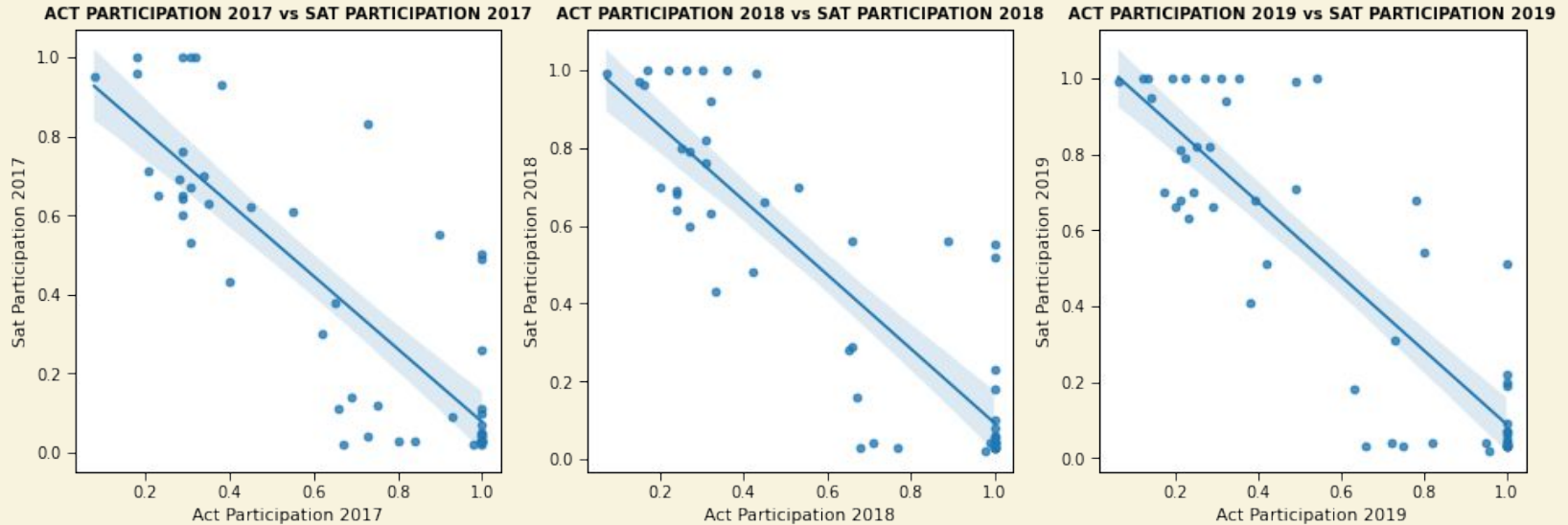


Trends in SAT & ACT participation



Republican states have the least participation in SAT

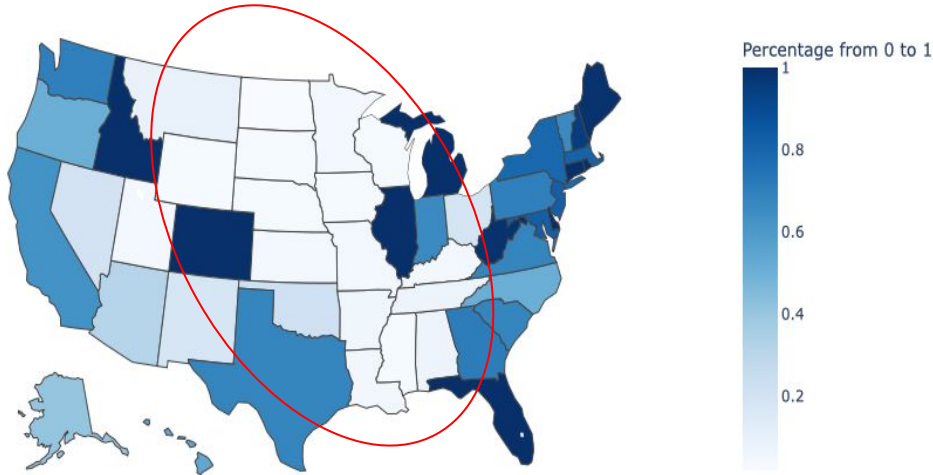
Trends in SAT & ACT participation



Inverse relationship between SAT participation and SAT participation

States with low participation

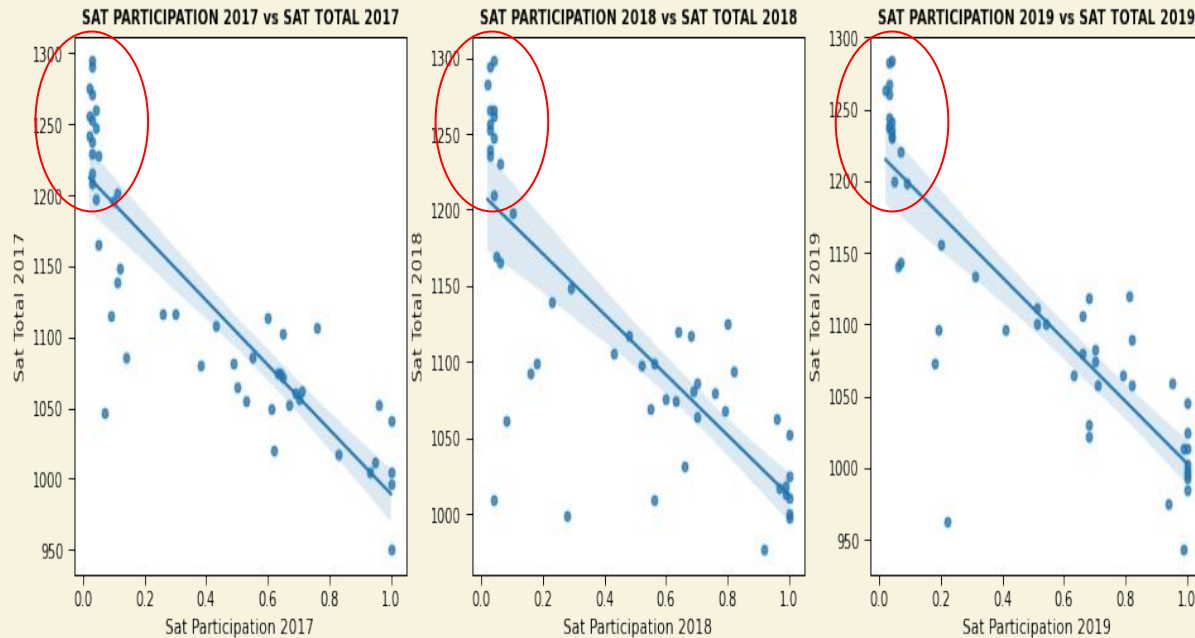
SAT PARTICIPATION 2019



States with low SAT participation are likely Republican states

These states are generally rural states

Trends in SAT & ACT participation



Low participation in SAT while having **high SAT total**

Low SAT participation states -> Republican
States -> Rural

A socio-economic issue



Recommendations

Help students better understand importance of college



SAT Day

Free online resources
(Khan Academy)

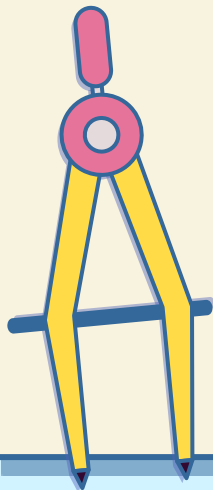
Financial Aid



Increase Accessibility for Low-income



Increased Participation



Sources

Source 1: <https://www.insidehighered.com/admissions/article/2021/06/01/states-and-state-systems-move-away-required-testing-admissions>

Source 2:

<https://christianacademiamagazine.com/test-optional-movement-should-we-require-sat-or-act-or-neither/>

Source 3: <https://today.yougov.com/topics/society/articles-reports/2018/06/21/standardized-tests-college-admission>

Source 4: <https://www.pewresearch.org/politics/2018/03/20/1-trends-in-party-affiliation-among-demographic-groups/>

Source 5: <https://www.collegeraptor.com/getting-in/articles/act-sat/preference-act-sat-state-infographic/>

Source 6: <https://edition.cnn.com/2020/04/14/us/coronavirus-colleges-sat-act-test-trnd/index.html>

Source 7: <https://gist.github.com/rogerallen/1583593>

Source 8: <https://www.nytimes.com/elections/2016/results/president>



Thank you!

