
Recommendations for SAT and ACT test score systems

Motivation:

A good beginning makes a good ending



Future professionals

College education

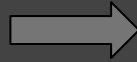
SAT/ACT scores

Decision strategy

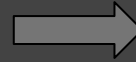
Problem goal statement:
To identify likely factors influencing participation rates and scores for SAT & ACT tests in various states?



Data importing
and cleaning

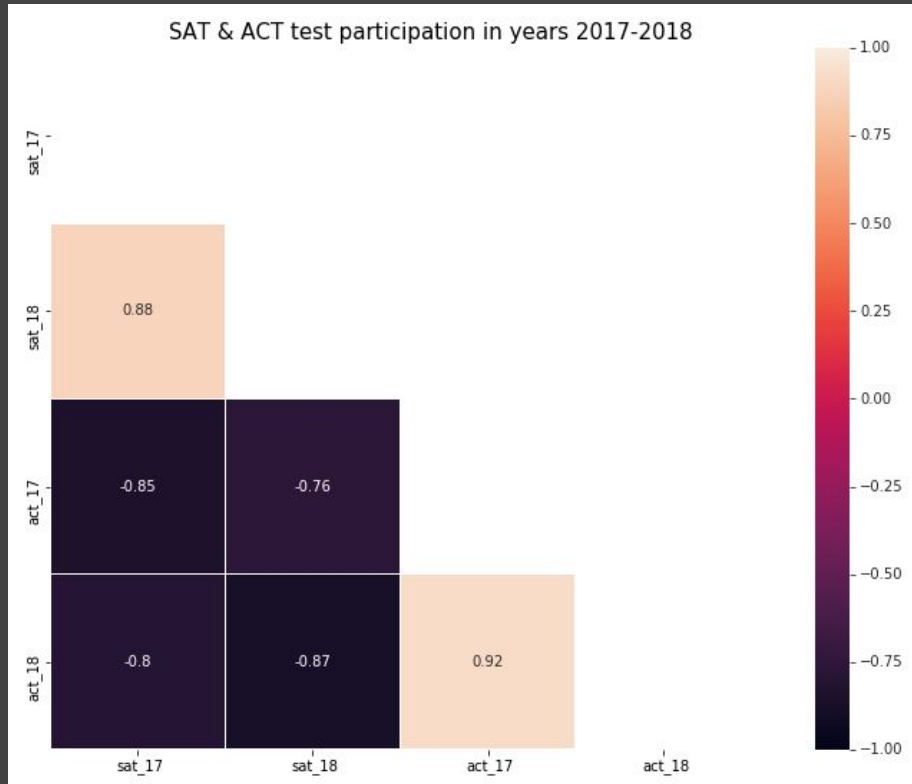


Feature analysis



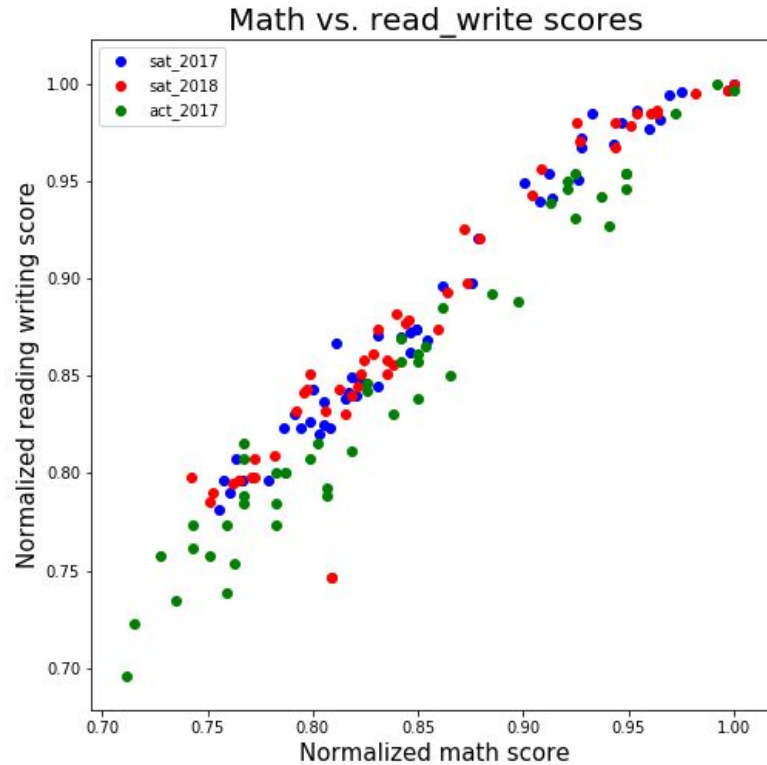
Recommendations

Participation analysis



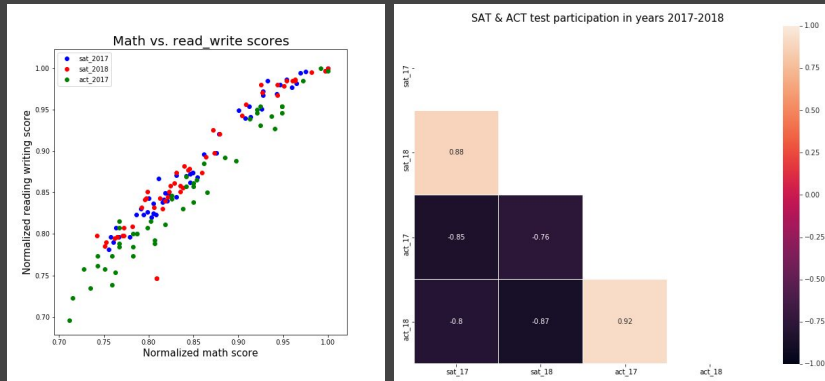
- SAT 17 ~ SAT 18 and ACT 17 ~ ACT 18
(Participation is a historic event)
- SAT ~ 1/ACT
(More participation in one lowers the participation in the other one)

Left vs. right-brained - truth or myth?



Recommendation for the school board:

- It is crucial to focus on reading as much as on math skills.
- This importance is being shared between SAT and ACT outcomes.
- As participation is historic, if the board does not pay attention to low participations, history will repeat itself.



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