

# SAT & ACT INSIGHTS

## FROM 2017-2019

By: Olivia Lara

# OVERVIEW

- Basic Info on SAT & ACT
- Data Sources
- Question
- Analysis
- Conclusion
- Recommendation

# BASIC INFO ON SAT & ACT

	SAT	ACT
Sections	Math   Evidence Based Reading & Writing	Math   Reading   English   Science
Scoring	200-800 Per Section 400-1600 Total Score	1-36 Per Section 1-36 Average Composite Score

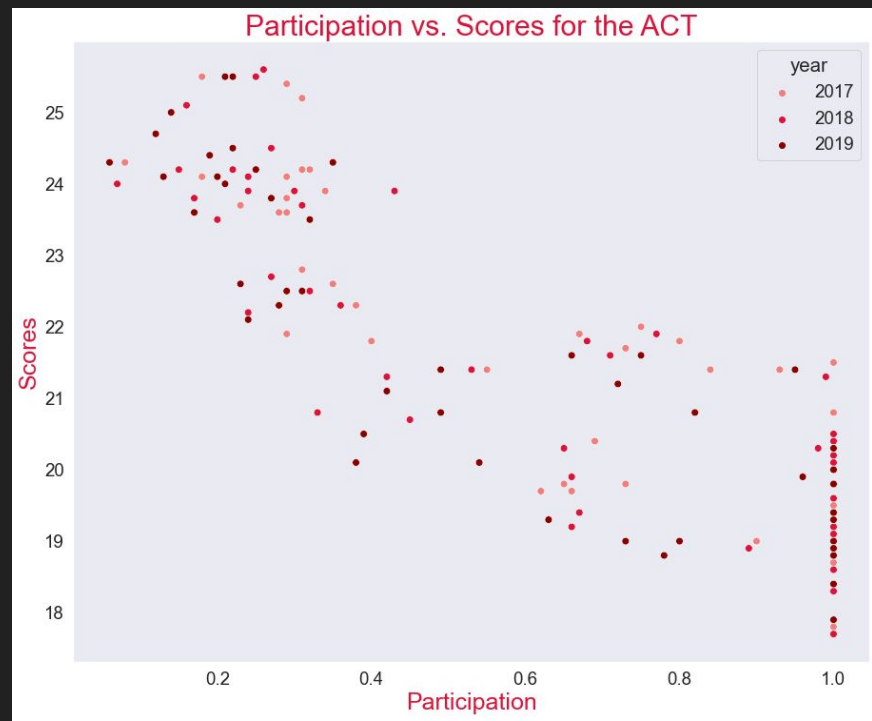
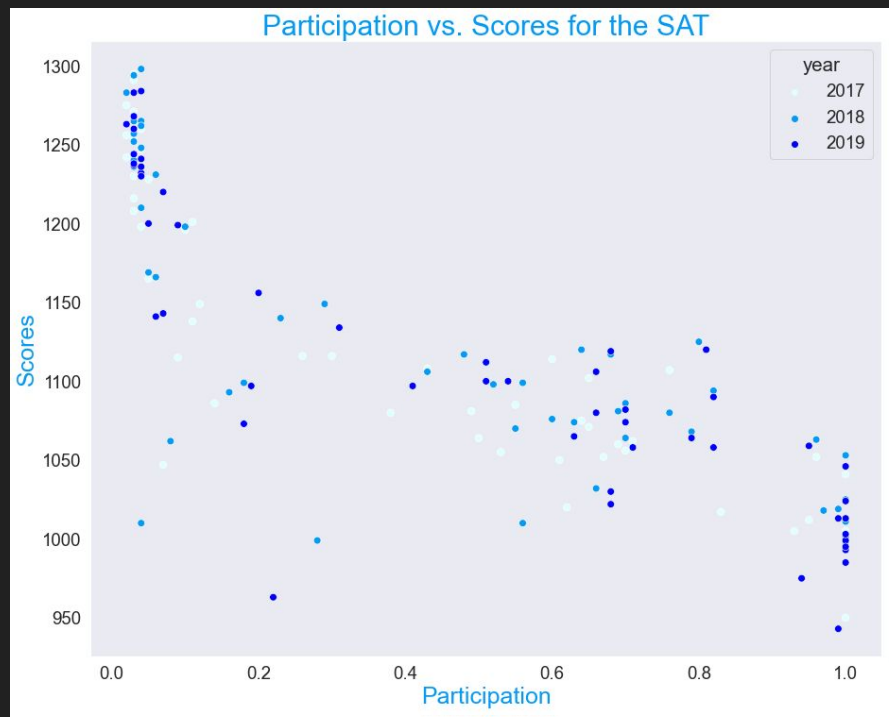
# DATA SOURCES

- Test Scores: 2017-2019
- SAT Data: CollegeVine and PrepScholar
- ACT Data: PrepScholar and ACT website

# QUESTION

- *What does participation rates have to do with score?*
- *How can we improve participation rates?*

# RELATIONSHIP BETWEEN PARTICIPATION & SCORES



# CHANGES IN COLORADO

Year	SAT Participation	SAT Total Score
2017	11%	1201
2018	100%	1025
2019	100%	1024

Year	ACT Participation	ACT Composite Score
2017	100%	20.8
2018	30%	23.9
2019	27%	23.8

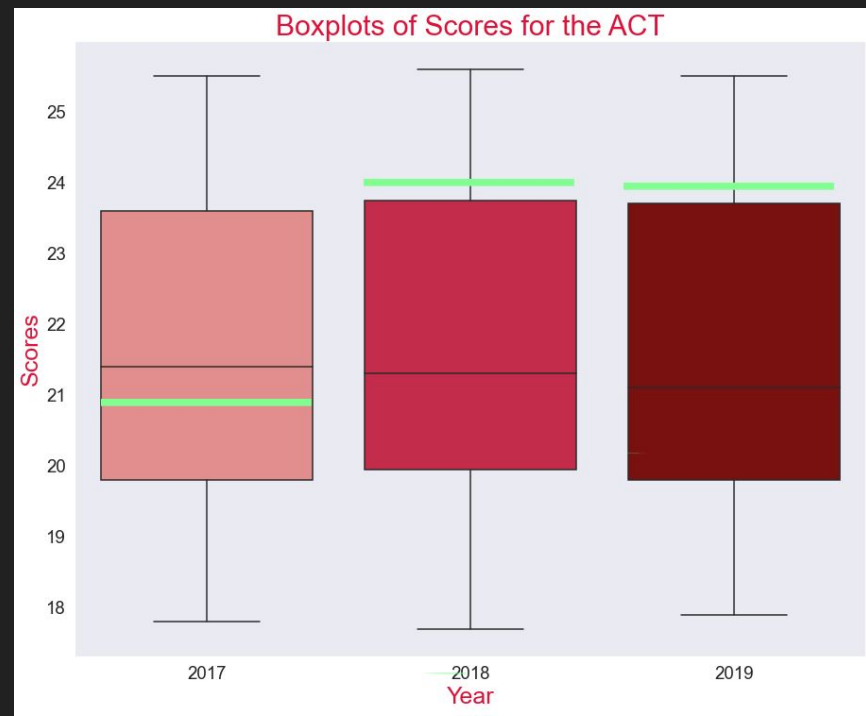
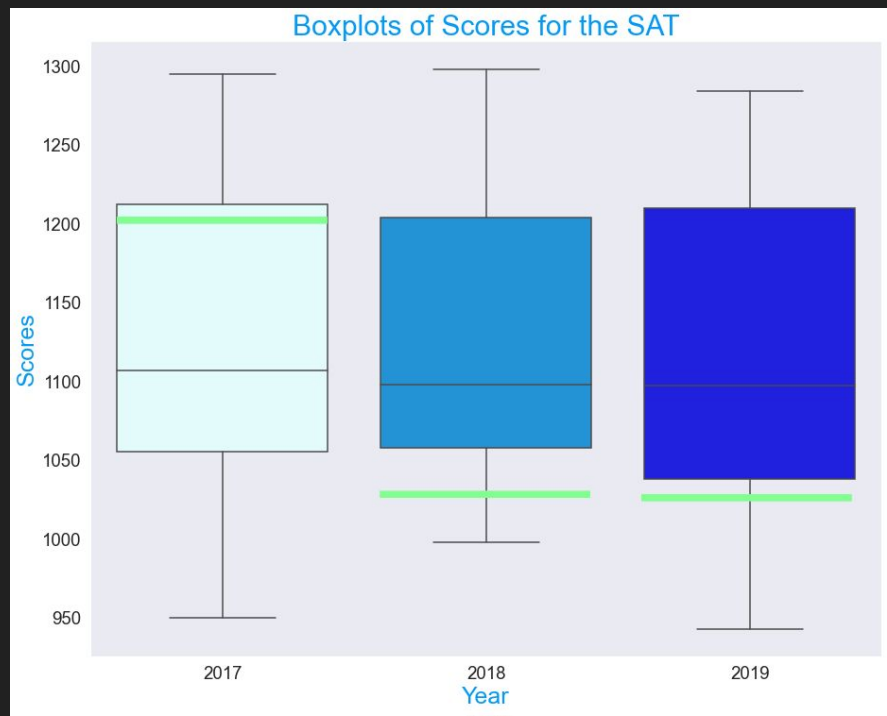
# COLORADO POLICIES

- 2001: Every Colorado junior required to take ACT
- 2015: Reps from school districts found that the College Board's Practice SAT aligned better with the high school Colorado Academic Standards
- 2018: Every Colorado junior required to take SAT



# DISTRIBUTION OF SCORES

GREEN LINE: COLORADO



# CONCLUSIONS

- When participation rates increase, scores decrease
- The correlation coefficient between SAT Total Score and SAT Participation is -0.84
- The correlation coefficient between ACT Composite Score and ACT Participation is -0.86

# RECOMMENDATIONS TO COLORADO

- 1) Let students pick which test to take
- 2) If you do require a test, ensure student's feel well prepared and are given enough resources and time to succeed in this test

# RECOMMENDATIONS TO COLLEGE BOARD

- 1) Offer SAT School Days to more states to make testing more convenient for students
- 2) Consider each state's academic standards when creating SAT test content
- 3) Target states where participation is similar between SAT and ACT
  - a) Texas
  - b) Georgia

THANK YOU FOR LISTENING!

