

# STANDARDIZED TEST ANALYSIS

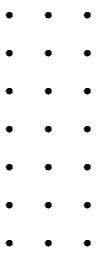
11 OCTOBER 2024



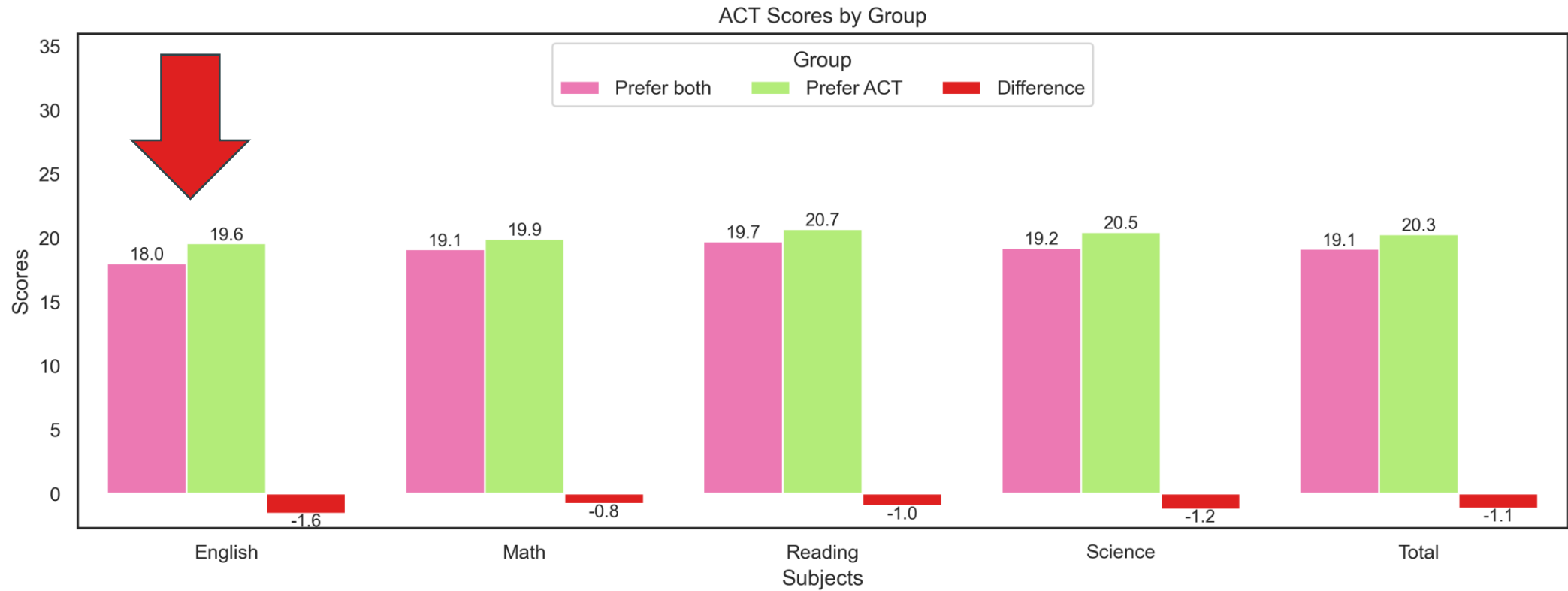
# PROBLEM STATEMENT

- General Assembly Academy is planning to launch a new institution focused on standardized test preparation, specifically the ACT and SAT. The goal is to identify the best states to establish the institution and determine which subjects should be included in an intensive program.

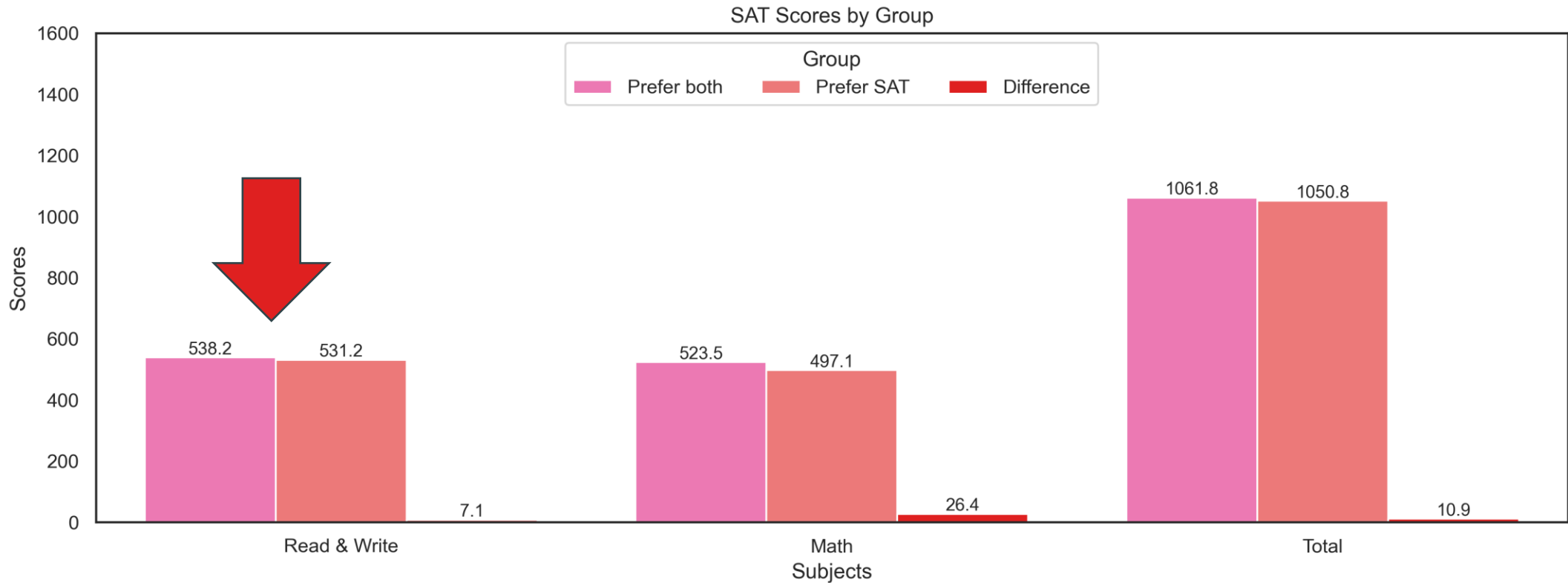


[illegible]

- Median ACT participation rates = 69%
- Median SAT participation rates = 38%
- There are four states—Hawaii, Florida, North Carolina, and South Carolina—that have participation rates greater than the median for both tests.



The average ACT score of those four states is 1.1 point lower than the states that prefer the ACT, **mainly due to lower English scores**



The average SAT score of those four states is 10.9 point higher than the states that prefer the SAT, mainly due to higher Math scores.

The Read & Write scores of those four states **are only 7.1 higher** than the states that prefer the SAT

# CONCLUSION

- Suggest to establish the institute at Hawaii, Florida, North Carolina, or South Carolina
- For boost up the overall scores of those 4 states:

ACT – add English intensive programs

SAT – add Read & Write intensive program



The background of the image shows a crowd of people with their hands raised, suggesting a celebratory or appreciative gesture. A semi-transparent white rectangle with a black border is positioned on the left side, containing the text. A diagonal white band with a black dashed pattern runs from the bottom right towards the center.

THANK YOU FOR  
YOUR  
LISTENING