

# STANDARDIZED TEST ANALYSIS

WHERE TO ESTABLISH A  
NEW LEARNING CENTER



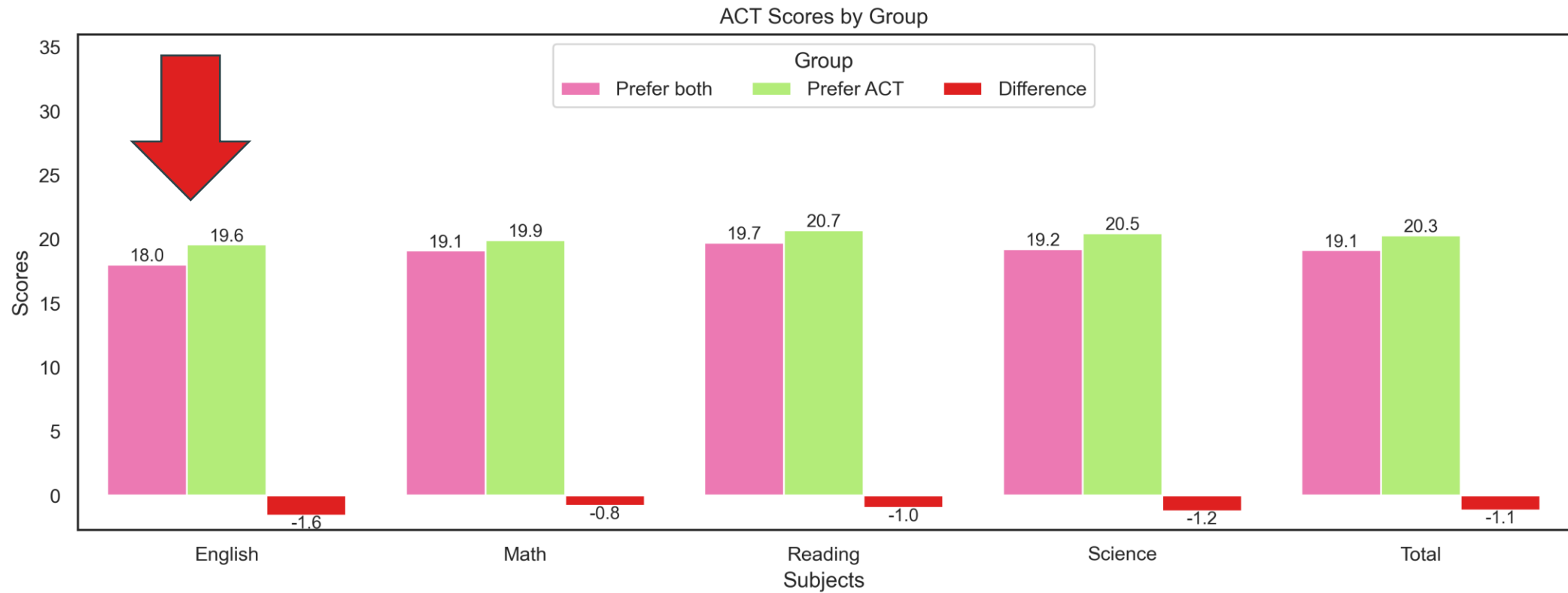
# PROBLEM STATEMENT

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

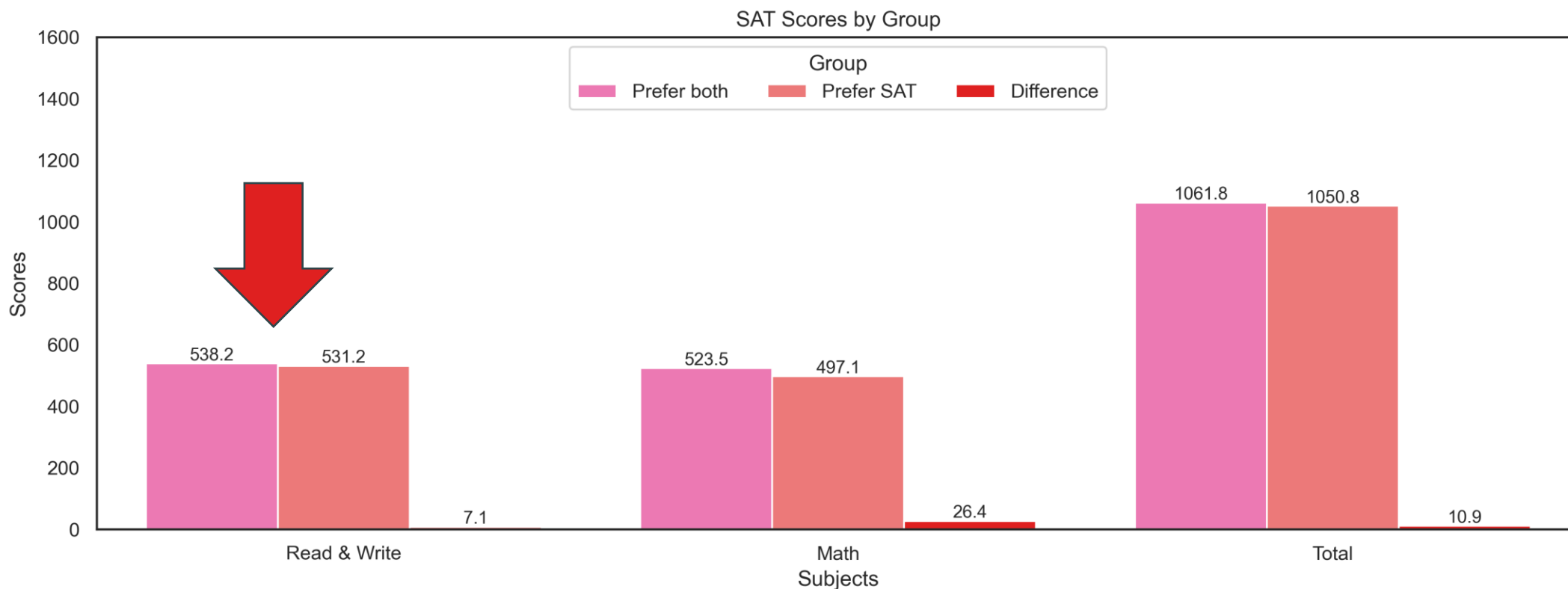


A 10x3 grid of dots. The rightmost column is shaded blue. The dots are arranged in 10 rows and 3 columns. The first two columns have dots in all 10 rows. The third column has dots in all 10 rows, but the entire column is shaded blue.

- 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 learning center 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 programs







THANK YOU FOR  
YOUR  
LISTENING