




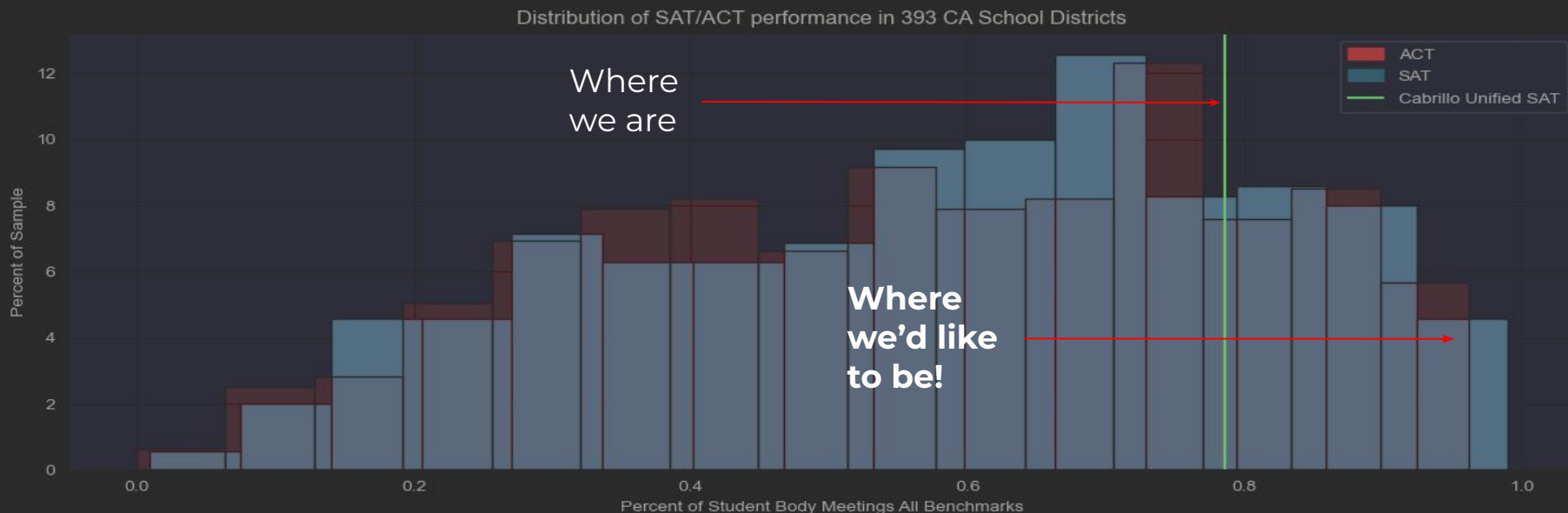
Seaworthy Consulting Partners

Recommendations for
Enhanced Student Success
in Half Moon Bay, CA



Problem: Improve student academic outcomes in Half Moon Bay, CA.

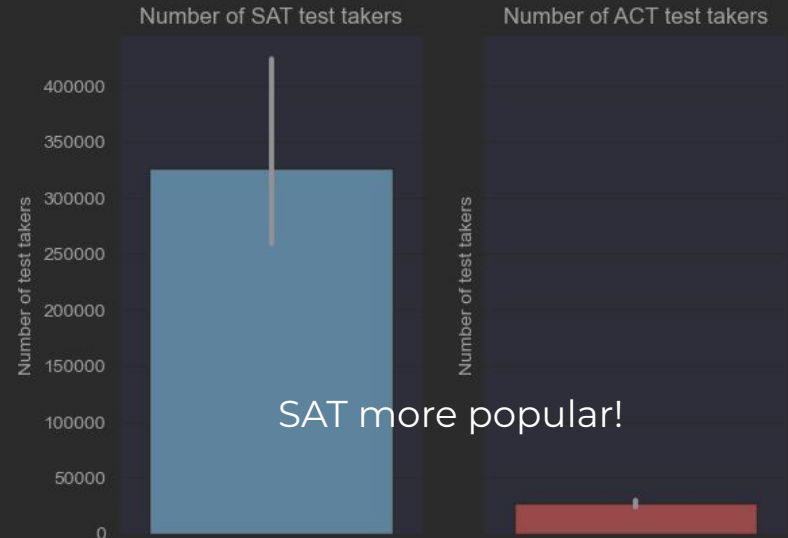
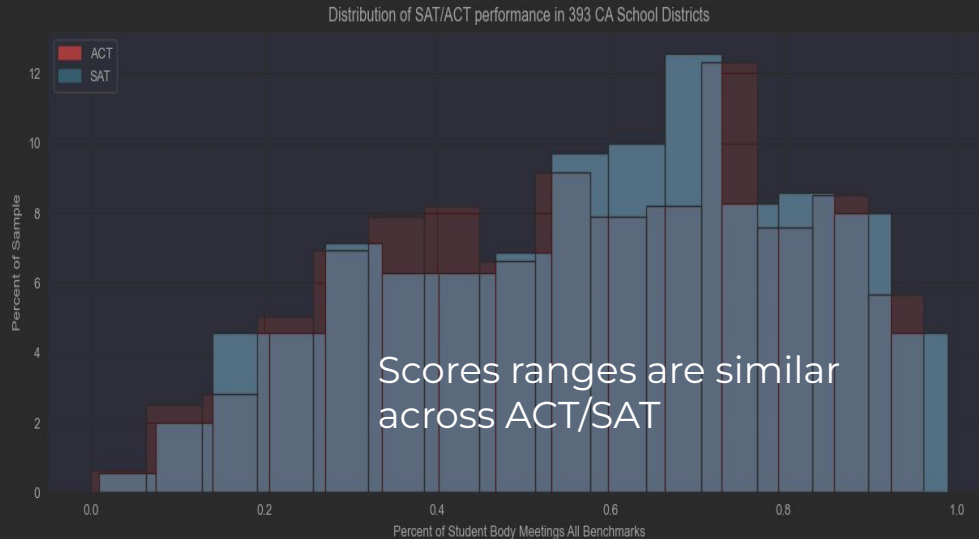
Problem Definition: Increase student College-Readiness Benchmark performance of Cabrillo Unified towards top performing school districts.



Development of Data Set

Compared 2018-19 CA 12th grader SAT/ACT College-Readiness Benchmark results across 393 CA school districts. Approx. 330,000 students.

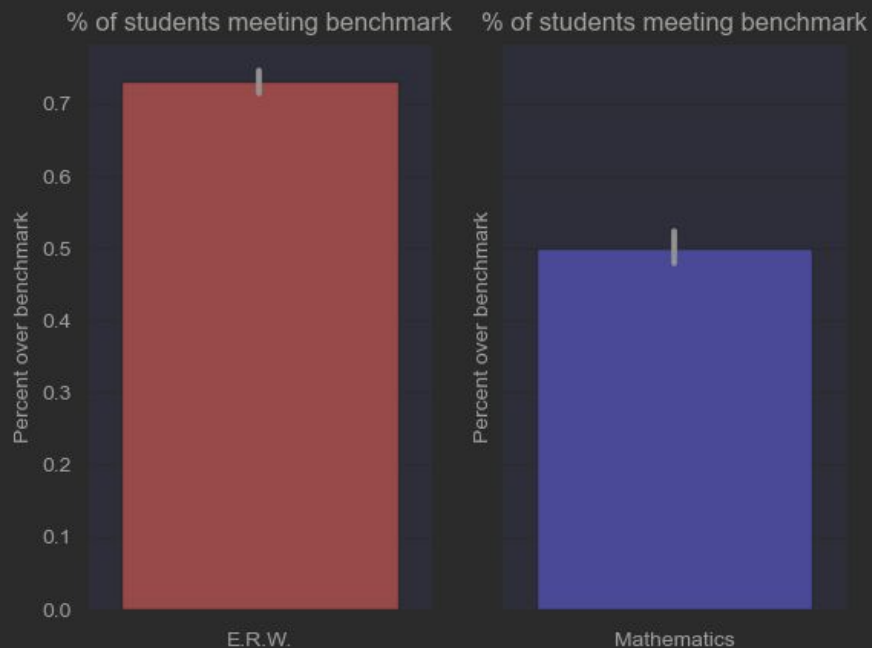
Conclusion: Different tests, similar results; either can be used as a proxy for the district.



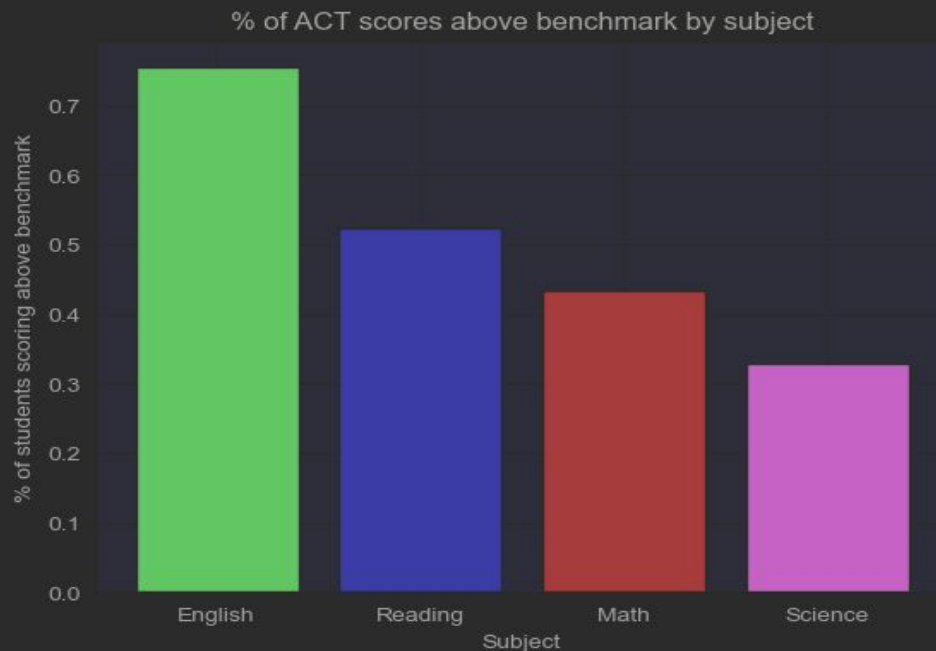
Analysis Within Data Set

STEM Scores lag E.R.W. across SAT/ACT

SAT



ACT





Analysis on SAT Data Set

393 school districts sorted by percent of student body that met all benchmarks.
Sampled the top 30 districts to look for factors that might be linked to their performance.

Potential levers to pull:

1. Teacher Education
2. Teacher Experience
3. Class Size
4. District Funding



The upper 30 school districts have:

Faculty with at least an extra year of college-level education.

Faculty with at least two more years of experience.

Lower STR; 18:1 vs. 19:1

The same? \$15,000 ADA +/- \$1,000



Conclusions and Recommendations

1. Focus on Improving Math/S.T.E.M. Education.

ST.E.M. scores lag E.R.W. scores by more than 20 % across almost all districts in the state, Cabrillo included. And lag drags down the overall benchmark rate.

2. Focus On Teacher Quality.

Better educated, more experienced faculty matters as much as or more than student-teacher ratio.

3. Prioritize Programs to Lift Socioeconomically Disadvantaged Students.

Consider community-level programs to address the underlying socio-economic disadvantages for students in the Cabrillo Unified District, which may have a larger potential impact on education outcomes.