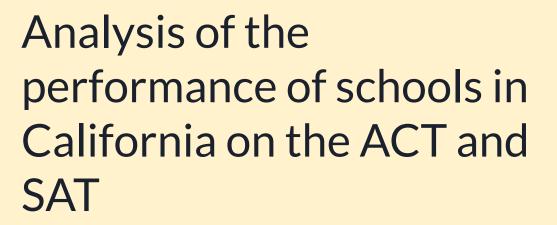


- Based in California, USA.
- Promote their classes to schools involved with both the SAT and ACT, since they could be bigger clients.

Context

Too many possible schools - Business
 Development team would like to know which ones, for fastest results.



Eric Lim

Out of schools in California administering both the ACT and the SAT,

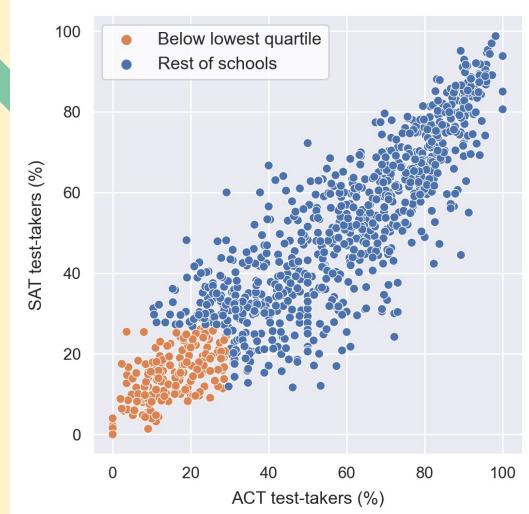
This analysis aims to study which schools perform the worst on both these assessments, since these schools would have the greatest need for enrichment workshops.

Where do we start?

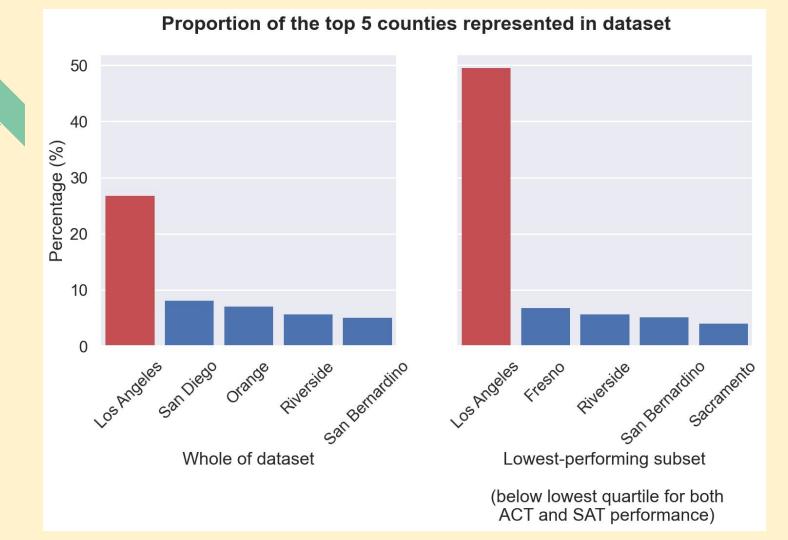
- Data from the California Department of Education filtered
- 58 counties in California, divided into school districts, and then schools

- ACT Percentage of Grade 12 ACT test takers in the school whose ACT
 Composite Scores were 21 or above
- SAT Percentage of Grade 12 SAT test takers in the school who met the benchmark of both the SAT Evidence-Based Reading & Writing (ERW) and Math tests by the College Board for Grade 12.

Proportion of Grade 12 test-takers per school who met benchmarks



- Each school is a point
- High correlation (r=0.9)
- 49.4% from Los Angeles County in zone below lowest quartile
- However, a caveat!



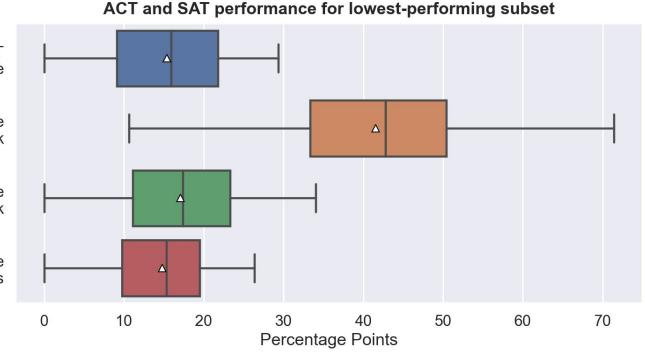
ACT and SAT - Percentages

Percentage of students taking the ACT that obtained scores 21 and above

Percentage of students taking the SAT meeting the ERW benchmark

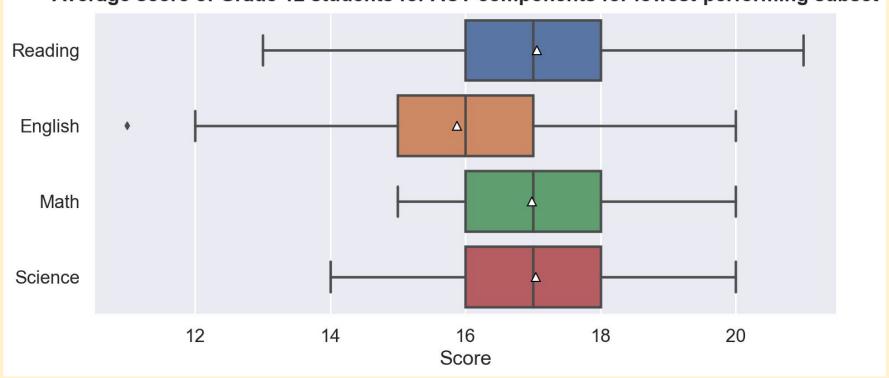
Percentage of students taking the SAT meeting the Math benchmark

Percentage of students taking the SAT meeting both benchmarks



ACT specifically - Scores

Average score of Grade 12 students for ACT components for lowest-performing subset



Conclusions and Future Directions

- Start with Los Angeles county 89 schools, go down ranked list
- ACT Emphasis on English, SAT Emphasis on Math
- <u>Twice</u> the number of SAT test-takers as compared to ACT test-takers

- 1) Integrate Grade 11 data
- 2) District-level analyses
- 3) Geospatial analyses



Thank you