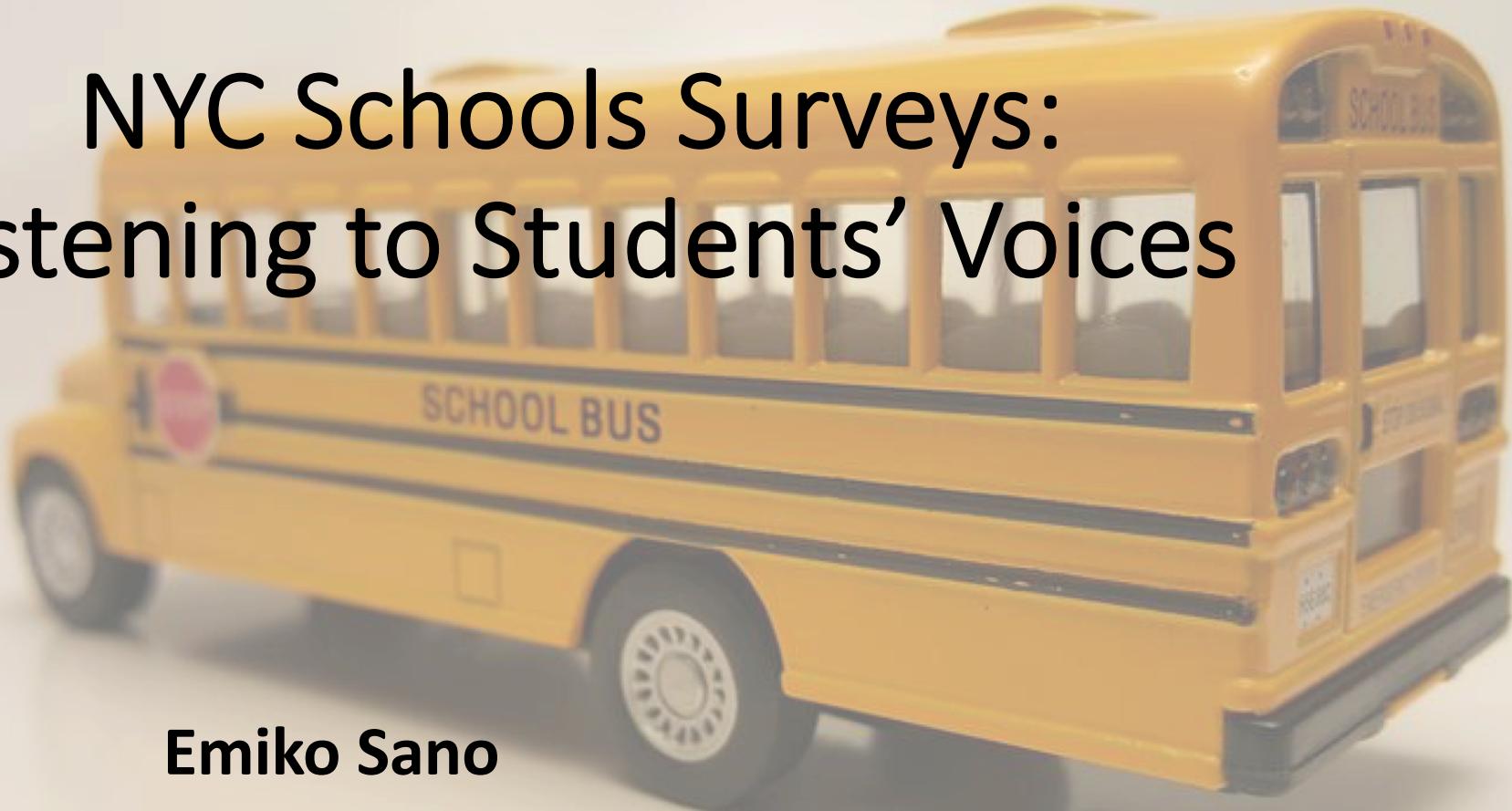


NYC Schools Surveys: Listening to Students' Voices

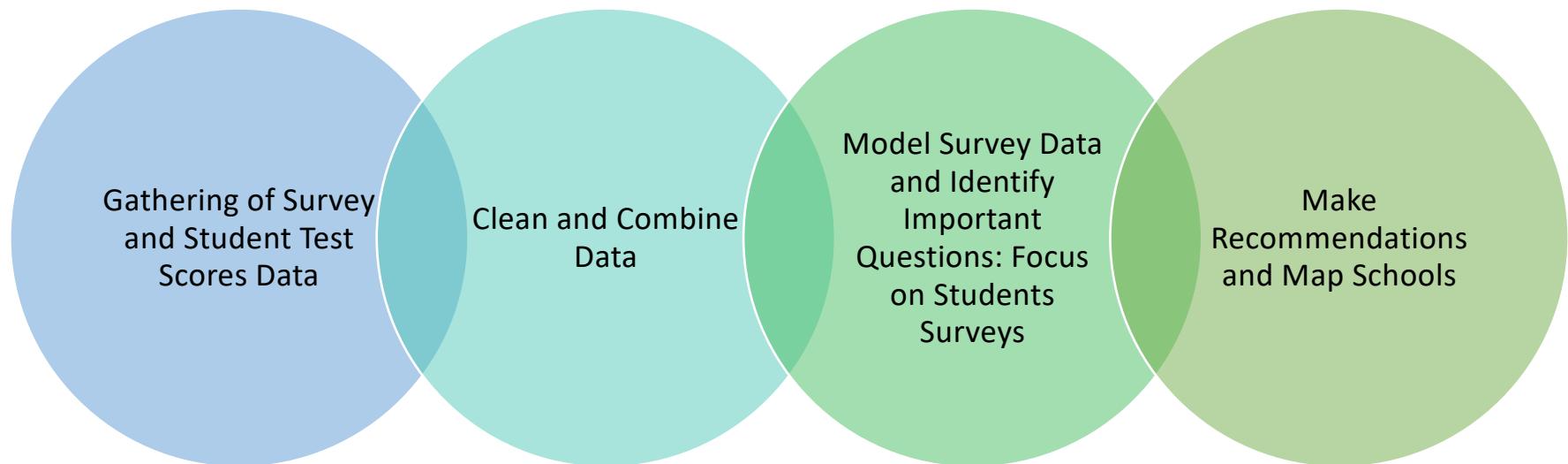
Emiko Sano



Problem Statement

1. There is a large student achievement discrepancy among schools.
2. There is a lack of analysis that leads to actionable conclusions.
3. Are the students' perceptions of their school a good indicator of student performance?
4. If so, what are the opinions that are driving the students performance?

Process Outline



Combining Data

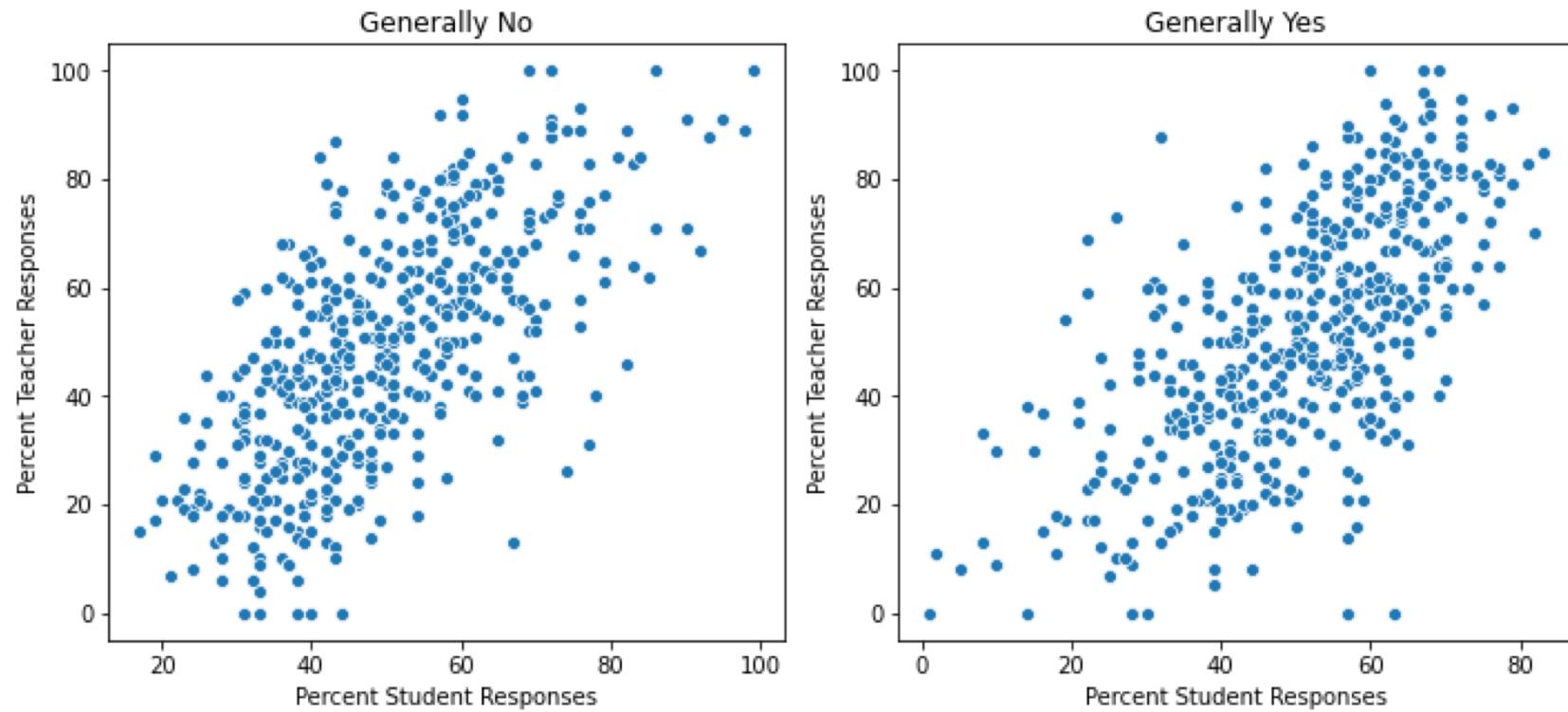
school_name	student_response_rate	1a_1_s	1a_2_s	1a_3_s	1a_4_s	1a_5_s	1b_1_s	1b_2_s	.
P.S. 034 FRANKLIN D. ROOSEVELT	95.0	10.0	20.0	39.0	16.0	15.0	5.0	23.0	

Essentially dummies

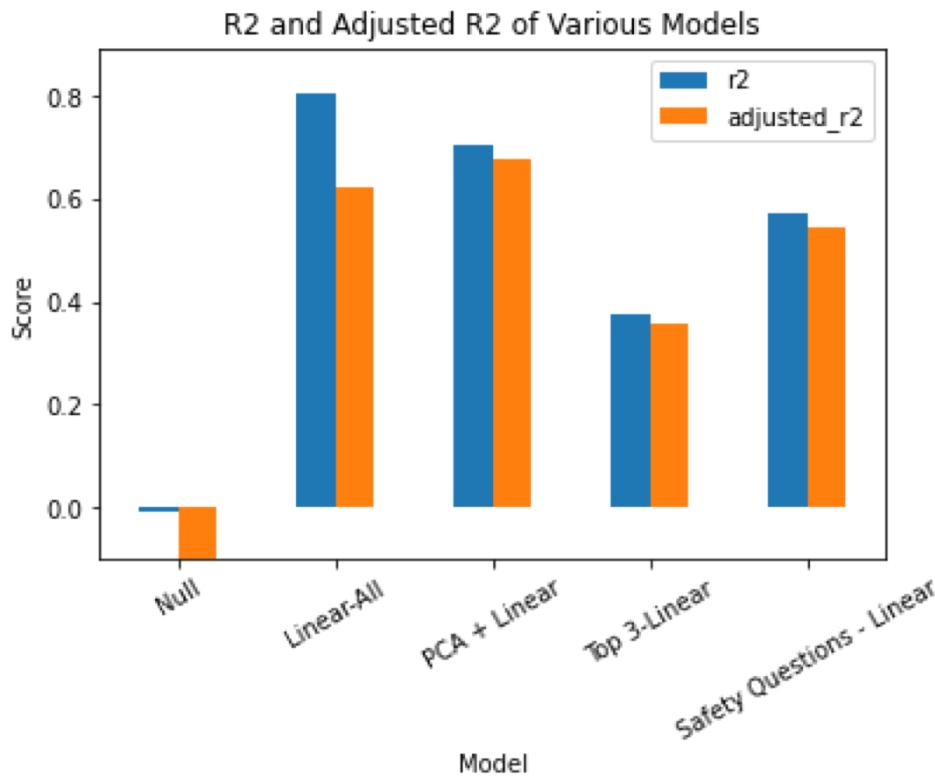
school_name	student_response_rate	1a	1b	1c	1d	1e
P.S. 034 FRANKLIN D. ROOSEVELT	95.0	17.31	20.33	13.86	14.69	30.21

Teachers Generally Pay Attention to Student's Lives at School

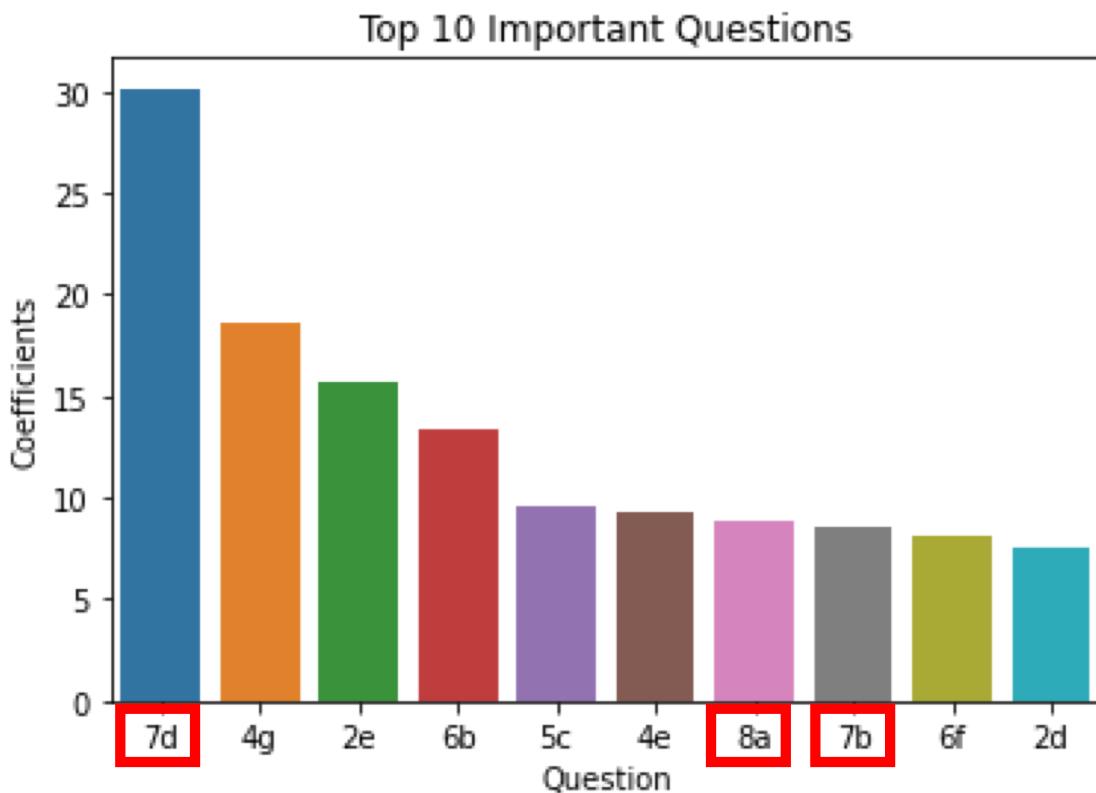
At this school, students harass, bully, or intimidate other students.



Survey Questions Can Predict Student Test Scores



Students' Perception of Safety at School Make a Difference in Student's Performance

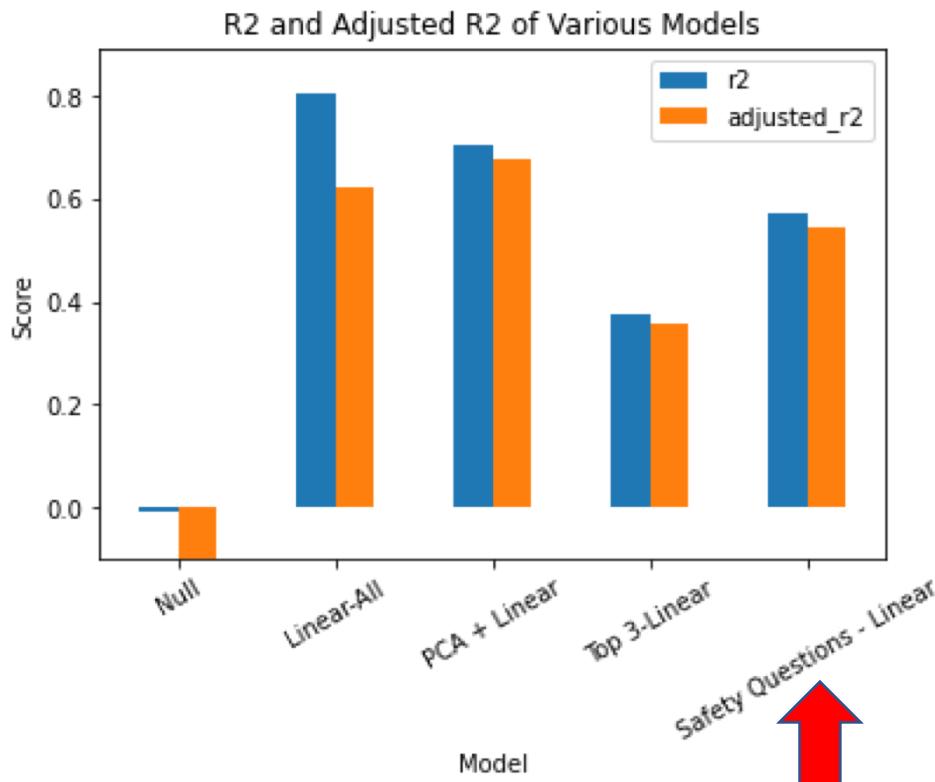


7d. I feel safe in my classes at this school.

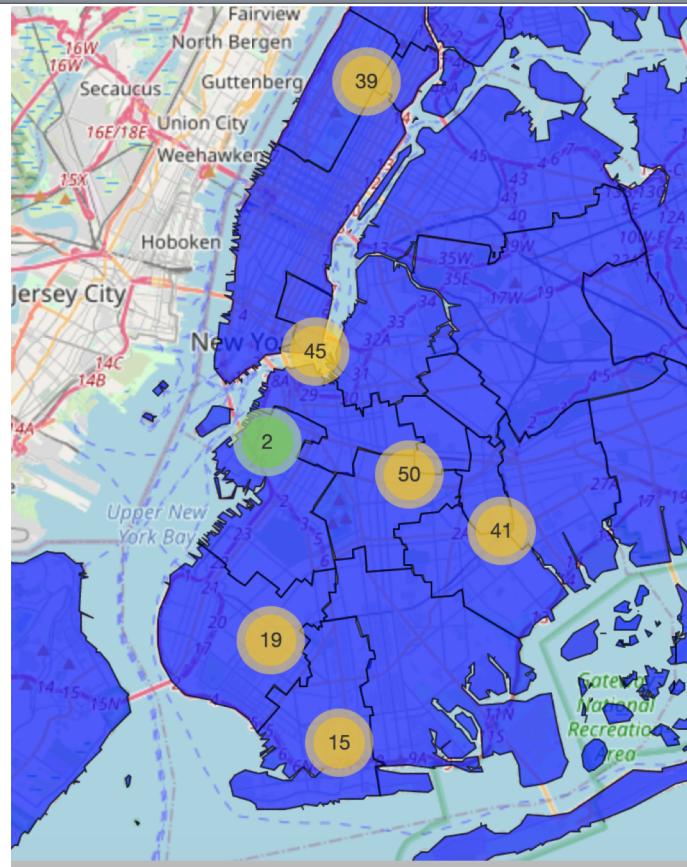
8a. At this school students harass, bully, or intimidate other students.

7b. I feel safe traveling between home and this school.

Survey Questions Can Predict Student Test Scores



A Tool to Look for Students' Perception of Feeling Safe in or around Schools



Summary

- The surveys questions do have predictive power
- Teachers and students have similar views on their school's environment
- Students need to feel safe at school in order to learn
- Improving the school safety and positive culture should be a priority

Remaining Questions

- Year to year trends?
 - Changes in students' perception?
- Neighborhood, crime and schools relationship?

