

# Exploring the Effect of Supplemental Instruction on Equity Gaps: Student

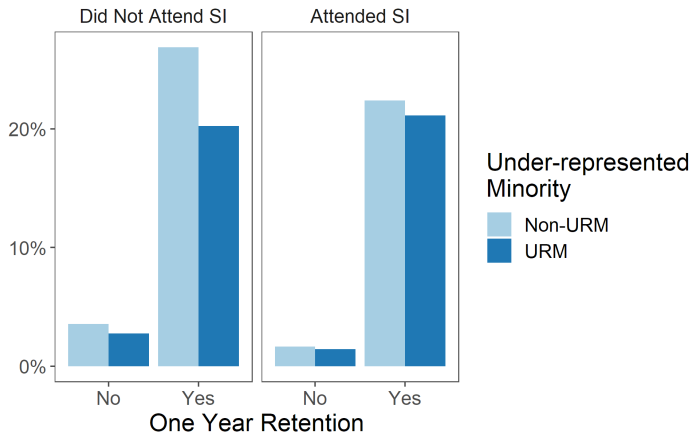
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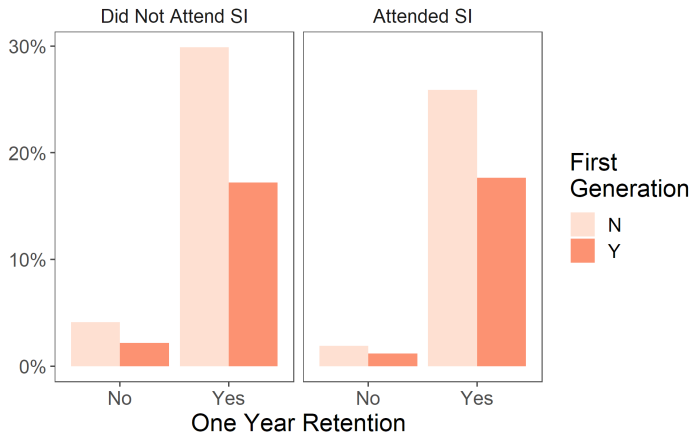
# Student Level Analysis

- ▶ Measuring student level equity gaps
  - ▶ Students who under represented minorities
  - ▶ Students who are first generation
- ▶ Measuring success
  - ▶ One-year retention

# Student Level Analysis



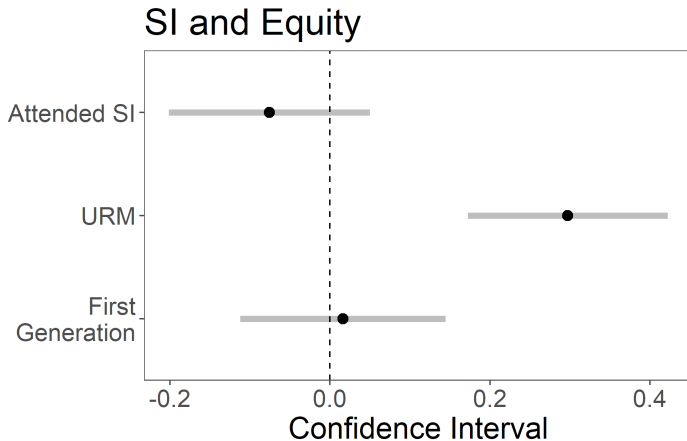
# Student Level Analysis



# Student Level Analysis: Modeling

- ▶ Logistic regression
- ▶ Explanatory variables:
  - ▶ Student characteristics: URM, First Generation, Gender, Stem Major, number of units taken in the semester, number of units passed in the semester, Cohort term year, SI attendance
  - ▶ Course characteristics: Academic level, Course fee existence, GE class

# Student Results



## Student Results: Interactions

