

# Final Project

Ruth Walters

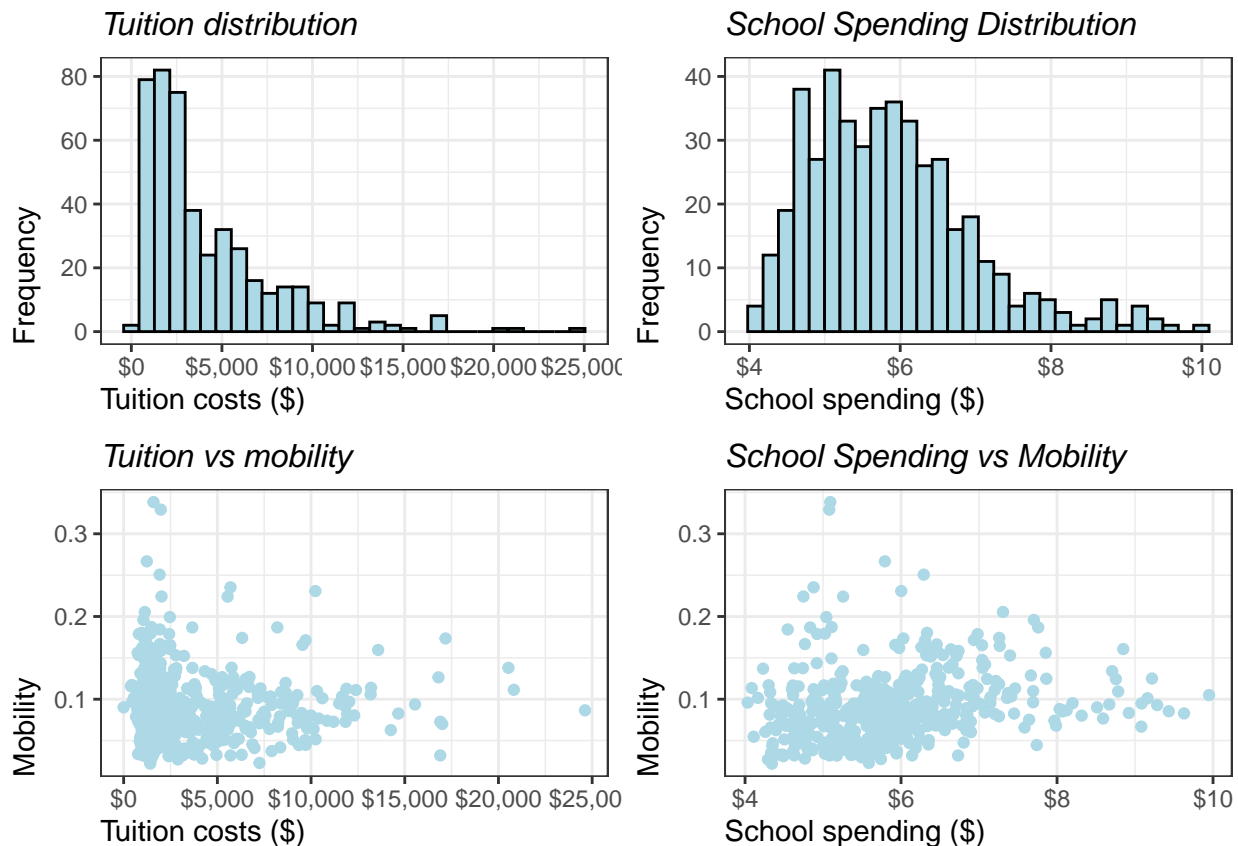
2025-02-19

## Introduction

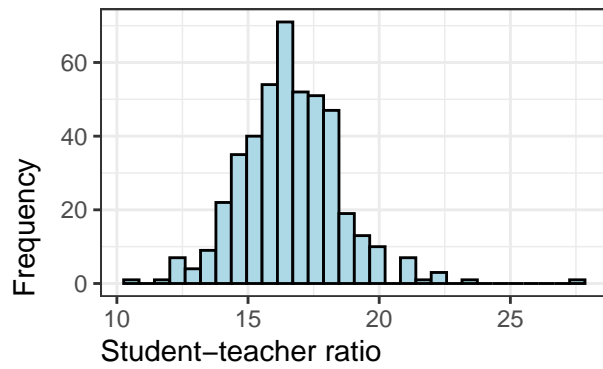
Economic mobility, or the ability of an individual to raise their economic status throughout their lifetime, is a marker of a healthy society. As economic mobility declines and income inequality rises throughout the United States, it is of increasing interest to determine which factors contribute to immobility. In this paper, we will investigate the correlation between economic, educational, and policy factors that contribute to economic mobility. We hypothesize that economic factors such as income inequality, will be most predictive of economic mobility.

## Exploratory data analysis

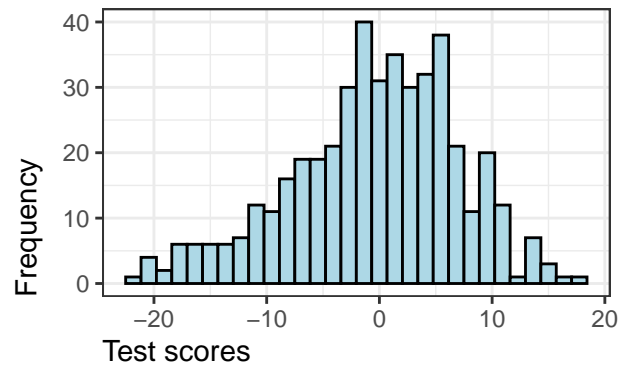
### Education analysis



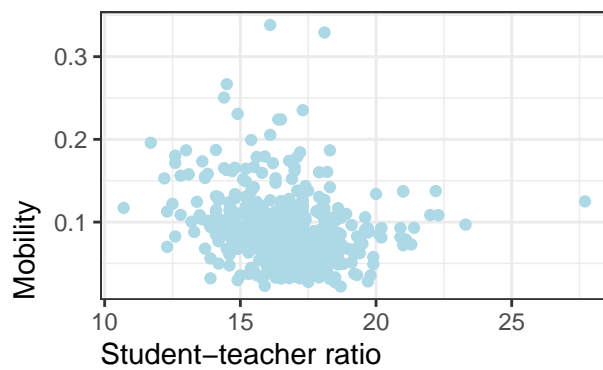
*Student Teacher Ratio Distribution*



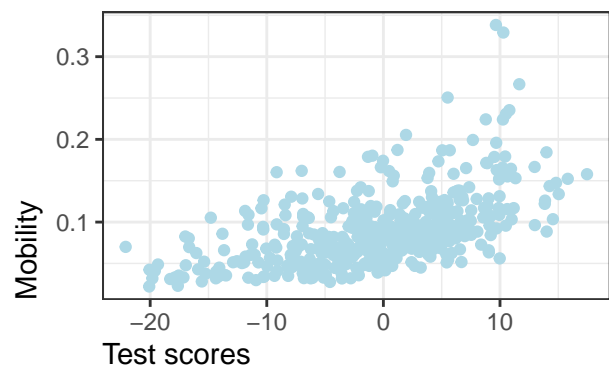
*Test Scores Distribution*



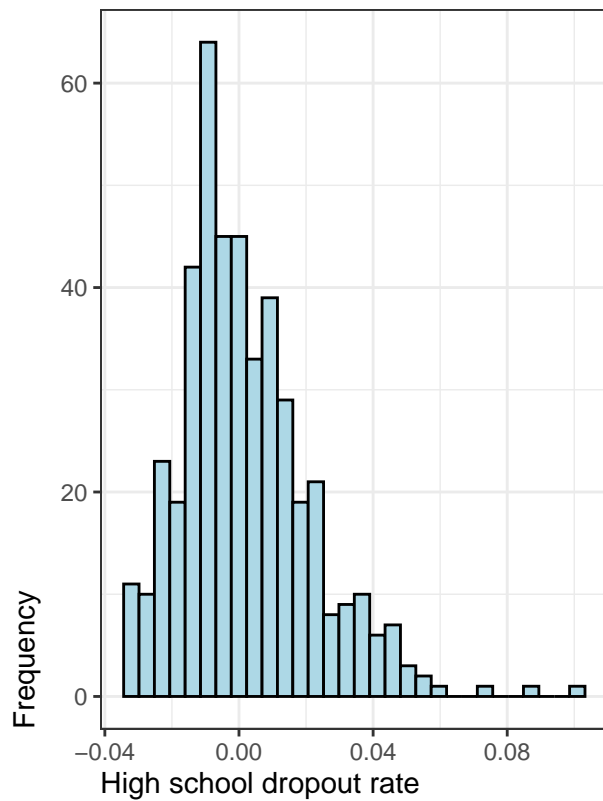
*Student Teacher Ratio vs Mobility*



*Test Scores vs Mobility*



*HS Dropout Distribution*



*HS Dropout vs Mobility*

