

Lab 3

2023-02-15

Question 1 The results from the Moving to Opportunity Experiment found a statistically significant positive relationship between higher earnings and having lived in a household that had an experimental voucher compared to a household with a Section 8 voucher and the control group for individuals who were young children in 94-98. The study found a similar positive, statistically significant relationship with college attendance and a negative, statistically significant relationship between living in an experimental voucher household and living in a high poverty % ZIP tract as an adult and single parenthood. However, the study found little evidence of higher earnings among adults who took part in the experiment in 94-98.

```
mto1 <- mto |>
  filter(voucher == 0)

mean(mto1$moved)
```

```
## [1] 0
```

The mean for `moved` for observations with voucher equal to 0 is, obviously, 0, because it makes sense that people who were in the control group did not use the experimental housing voucher.

```
mto2 <- mto |>
  filter(voucher == 1)

mean(mto2$moved)
```

```
## [1] 0.4306319
```

The mean for `moved` for observations in the experimental group, otherwise known as the compliance rate, is 43%.