

WP4

Fill in your name here

Consider the following table

Treatment Assignment	Treated	N	Turnout
Baseline	No	2572	0.3122
Treatment	Yes	486	0.3909
Treatment	No	2086	0.3274
Placebo	Yes	470	0.2979
Placebo	No	2109	0.3215

Question 1

Turn this into a data frame with the variables:

Z: a variable that represents the condition of each unit D: a variable that represents for each unit whether the unit actually received treatment. Y: An outcome variable that is 1 or a 0 for each category based on turnouts.

```
## Put code for data frame here
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Question 2

Estimate the proportion of compliers based on subjects' response to the treatment.

Question 3

Estimate the proportion of compliers based on subjects responses to the placebo.

Question 4

Assuming that units are randomly assigned to the treatment and placebo groups are these rates of compliance consistent with the null hypothesis that both groups have the same proportion of compliers?

Question 5

Estimate the CACE of receiving the treatment.