Final Take Home Exam 2022

## Part 1: Determinants of Voter Turnout

#### What is the null hypothesis for the β3 term in model 2?

The null hypothesis for β3 is that the Gini index of disposable income does not have an effect on voter turnout.

#### 2) Interpret the effects of electoral competition (i.e. a change in government) on turnout using the coefficients from models 1 and 2.

#### 3) Based on model 2, what is the expected level of turnout for a country with the following characteristics?

##### • A) A county with a new government, with a level of expenditure in education of 4% of the GDP, with a GINI of 40% and an effective number of parties of 5

##### • B) A county with an old government, with a level of expenditure in education of 4% of the GDP, with a GINI of 40% and an effective number of parties of 5

##### • C) A county with a new government, with a level of expenditure in education of 8% of the GDP, with a GINI of 40% and an effective number of parties of 5

##### • D) A county with an old government, with a level of expenditure in education of 8% of the GDP, with a GINI of 40% and an effective number of parties of 5

## Part 2: Predicting the Black Live Matters protests

## Code: