Election Inspection Code Book

Data from https://redistrictingdatahub.org/

We collected data for our dependent variable, 2020 election turnout in Michigan, and the data for lagged 2018 election turnout, ethnic categories, and the closeness of the 2018 midterms from the Redistricting Data Hub website. This data was downloaded with a username and password and then unzipped to our data directory.

Data from https://api.census.gov/data.html

We collected data on owner-occupied housing, population growth, urban population size, migration, and income inequality from the Census Bureau's API. These data are all from 2019.

Independent variables:

GEOID20	10-digit VTD geoid for year 2020
total_pop	Total population for 2020 VTDs
total_pop_log	Logged total population for 2020 VTDs
turnout2018_registered	Lagged turnout, calculated by percentage of voters out of all registered in the 2018 midterms
election2018_closeness	Lagged closeness data, calculated by difference of top two candidates in 2018 gubernatorial race
pop_perc_one_race	Proportion of population of one race alone
pop_perc_two_races	Proportion of population of two races alone
pop_perc_three_or_more_races	Proportion of population of three or more races
pop_perc_white	Proportion of population that is white alone
pop_perc_black	Proportion of population that is Black alone
pop_per_am_indian	Proportion of population that is American Indian alone
pop_per_asian	Proportion of population that is Asian alone
pop_per_pac_islander	Proportion of population that is Pacific Islander alone
c_pop_perc_urban	County proportion of population living in urban areas
c_pop_perc_change	County proportion of population change
c_pop_perc_migration	County proportion of population that moved in or out
c_gini_index	County-level gini index
c_perc_owner_occupied_house	County proportion of housing units that are owner-occupied
c_perc_hs_grad	County proportion of population that has a high school degree
c_perc_uni_grad	County proportion of population that has a bachelors degree or higher

Dependent variables:

total2020_voted	Total turnout in the 2020 general elections
turnout2020_registered	Proportion of registered turnout in the 2020 general elections