Codebook for Replication files for "Crossing the District Line: Border Mismatch and Targeted Redistribution"

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The codebook describes each variable for the file countydistrict.csv

Variable Name	**Description**
age5_17	Population aged 5-17 (school-age population)
age65_up	Population aged 65 and up
anyclose_30	County had any election with vote margin <30 p.p.
bachelors	Population with a bachelors degree
belowpoverty	Population below the poverty line
blacknh	Population that is black, non-Hispanic
censusyear	Census redistricting year
county_school	Indicates whether county is also a school district
countyid	Unique county ID (unique to fstate and fcounty)
cvap	Citizen voting age population (CVAP)
demmajority	Democratic majority of lower house of state legislature
demwon	Number of representatives that are Democrats
drawnby_leg_gov	Map was drawn by legislature, governor, or political commission
dvotesd	Swingness (standard deviation of democratic vote share)
exp_edu	Total direct expenditures in a county for education purposes
exp_notedu	Total direct expenditures in a county, not for education purposes
exp_tot	Total direct expenditures in a county
fcounty	County FIPS code
female	Female population
fragmentation	Fragmentation, the sum of the shares of the county population in each district
fstate	State FIPS code
hispanic	Hispanic population
incumbentwon	Number of incumbent representatives
indwon	Number of independent representatives
lobby	Indicates if a city in the county lobbied the state (Payson 2020)
male	Male population
medhhinc	Median household income

mismatch	Indicates border mismatch: the county overlaps with multiple districts and at least one of those districts is shared with neighboring counties
ndistricts	Total number of districts that the county intersects
neighbors	Total number of neighboring counties that share a representative
ngov_munic	Number of municipalities in county
ngov_school	Number of school districts in county (from CoG, excludes county-school districts)
ngov_special	Number of special governments in county
nreps	Number of representatives in county
nschool_med1	Statewide median number of school districts per county is one
nschool_per_county	Number of school districts per county (from NCES, includes county-school districts)
nschool_per_county_nosplit	School district is not shared with neighboring counties
nsharedrep	Number of shared representatives
nwholerep	Number of whole representatives
pdemrepsxdemmajority	Interaction of percent of democrat representatives and democratic majority of lower house
pop	Population
logpsi_cvap	log of (1-average share of voters), using CVAP to measure voters (see Equation 8)
psi_cvap_bar	Average share of voters, using CVAP to measure voters (see Equation 8)
logpsi_cvap_delta	log of (1-average share of voters, weighted by district decisiveness), using CVAP to measure voters (see Equation 8 and Online Appendix A)
psi_cvap_delta_bar	Average share of voters, weighted by district decisiveness, using CVAP to measure voters (see Equation 8 and Online Appendix A)
pturnout	Percent of CVAP that voted
puncontested	Percent of elections in county that were uncontested
repwon	Number of republican representatives
rev_fed	Total revenues in a county from federal government
rev_locgov	Total revenues in a county from local governments in other counties
rev_fedloc	Total revenues in a county from federal and local governments
rev_own	Total revenue in a county, excluding transfers
rev_state	Total revenue in a county from state government
rev_state_1m	Total revenue in a county from state government, measured in 1M USD

rev_stateeducation	Transfers from state to county for education purposes
rev_stategensup	Transfers from state to county for general support
rev_statehealthhos	Transfers from state to county for health and hospitals
rev_statehighways	Transfers from state to county for highways
rev_statehouscomdev	Transfers from state to county for housing and community development
rev_statenotedu	Transfers from state to county for all purposes except education
rev_statepc	Total revenue in a county from state government per capita
rev_statepublicwelf	Transfers from state to county for public welfare
rev_statesewerage	Transfers from state to county for sewerage
rev_statetaxrelief	Transfers from state to county for tax relief
rev_statetransitsub	Transfers from state to county for transit
rev_tot	Total revenue in a county
RI_cvap	Representation Index, using CVAP to measure voters
RI_cvap_delta	Representation Index, using CVAP to measure voters and weighted by district decisiveness (see Online Appendix A.1)
RI_cvap_swing	Representation Index, using CVAP and swingness (see Online Appendix A.3)
RI_edu	Representation Index, using CVAP and education (see Online Appendix A.3)
RI_turnout	Representation Index, using previous turnout (see Online Appendix A.3)
RI_winning	Representation Index, using votes for winning party (see Online Appendix A.3)
RRI	Relative Representation Index (David and Eisenberg, 1961)
state	State name
state_abbrev	State abbreviation
state_county_school	Indicates that at least one county in a state-year is also a school district
state_tot_exp	Total expenditure by the state
state_tot_igr_local	Total transfers to local governments by the state
state_turnout_data	Indicates whether the state has turnout data for at least one year in the panel
statepop	Total population in the state-year
stateyear	State-year (encoded), used for state-year fixed effects
totaldistricts	Number of districts in the lower house of the legislature in a state-year
TSV_cvap	Total share of voters, using CVAP (see Equation 2)
TSV_cvap_delta	Total share of voters, using CVAP and decisiveness (see Online Appendix A.3)

TSV_cvap_swing	Total share of voters, using CVAP and swingness (see Online Appendix A.3)
TSV_edu	Total share of voters, using CVAP and education (see Online Appendix A.3)
TSV_turnout	Total share of voters, using turnout in previous election (see Online Appendix A.3)
TSV_winning	Total share of voters, using votes for winning pary (see Online Appendix A.3)
turnout	Total number of votes for Democratic and Republican party in previous election
turnout_d	Total number of votes for Democratic party in previous election
turnout_r	Total number of votes for Republican party in previous eleciton
uncontested	Number of uncontested state legislative elections (lower house) in previous election in the county
unemployed	Unemployed population
urban	Urban population
vap	Voting age population
whitenh	White, non-Hispanic population
year	Year of the Census of Governments survey (see Online Appendix C for years of data collection for each variable)
log*	natural log of *
*100k	Population * measured in 100k persons
*2	* squared
*3	* cubed