Codebook

Redistributive Politics Under Spatial Inequality

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A. Codebook for `cpds.RData`

Variable	Variable definition	Values
ISO3	Country identifier	Character
country	Country name	Character
year	Year	Numeric
fed	Index of federalism	Weak federalism Strong federalism No federalism
pres	Executive-legislative relations	Parliamentary System Semi-presidential dominated by parliament Hybrid system; Semi-presidential dominated by president Presidential system
bic	Index of bicameralism	
eu	EU Membership	Non-EU EU
gov_left1	Government composition: cabinet posts of social democratic and other left parties in percentage of total cabinet posts	Numeric
gov_type	Type of government	Minimal winning coalition Single-party majority government Surplus coalition Single-party minority government Caretaker government Technocratic government Multi-party minority government
rae_leg	Index of legislative fractionalization of the party system	Numeric

References

Klaus Armingeon, Virginia Wenger, Fiona Wiedemeier, Christian Isler, Laura Knöpfel, David Weisstanner and Sarah Engler. *Comparative Political Dataset (CPDS). 1960-2018*. Available at: https://www.cpds-data.org/

B. Codebook for inc_comb.RData

Variable	Variable definition	Values	Source
countryname	Country name	Character	
year	Year	Numeric	
region_id	Regional identifier	Numeric EU: NUTS2 US: County UK: Region	Eurostat; US Bureau of Economic Analysis; UK Office of National Statistics. 2022
income	Regional income	Numeric	Eurostat; US Bureau of Economic Analysis; UK Office of National Statistics. 2022

References

Eurostat. 2022. *Disposable income of private households by NUTS 2 regions [tgs00026].* Available at https://data.europa.eu/data/datasets/sm4zlffb3orhat0ug51pda?locale=en

US Bureau of Economic Analysis. 2022. *Personal Income by County, Metro, and Other Areas. [CAINC1] Per capita personal income; county-level.* Available at https://www.bea.gov/data/income-saving/personal-income-county-metro-and-other-areas

UK Office of National Statistics. 2022. *Regional gross disposable household income (GDHI): all ITL regions. Components of total GDHI at current basic prices. Total primary and secondary resources*. Available at: https://www.ons.gov.uk/economy/regionalaccounts/grossdisposablehouseholdincome/bulletins/regionalgrossdisposablehouseholdincomegdhi/1997to2020

C. Codebook for `bes.RData`

Variable	Variable definition	Values
id	Unique id	See BES codebook
pcon	Parliamentary constituency code (BES)	
pcon_code	Parliamentary constituency code (ONS)	
pcon_name	Parliamentary constituency name	
msoa11_code	MSOA code (2011)	
year	Year	
p_gross_household	Gross household income	
p_edlevel	Education level	
p_housing	Housing tenure	
generalElectionVote	Vote choice general election	
gender	Gender	
age	Age	
p_marital	Marital status	
workingStatus	Employment status	
redistSelf	Preferences for redistribution	
p_hh_children	Number of children in household	
p_ethnicity	Ethnicity	

References

Fieldhouse, E., Green, J., Evans, G., Mellon, J., Prosser, C., de Geus, R., Bailey, J., Schmitt, H., van der Eijk, C. (2021). *British Election Study, 2019: Internet Panel, Waves 1-20, 2014-2020*. [data collection]. UK Data Service. SN: 8810, DOI: http://doi.org/10.5255/UKDA-SN-8810-1

D. Codebook for pcon_covars.RData

Variable	Variable definition	Values	Source
pcon_code	Parliamentary constituency code (ONS)	Character	
year	Year	Numeric	
vote_share_lab_PCON_FULL	Vote share Labour in general election (uninterrupted time series)		UK House of Commons Library. 2022c
classification_v1	Urban/rural classification		UK House of Commons Library. 2022a
pop_density	Population density	Numeric	Office of National Statistics. 2022b
total_mean_income	Total mean income	Numeric	See inequality.RData
diff_mean_med_tot_inc	Difference between total mean and median income (regional)	Numeric	See inequality.RData
diff_mean_med_tot_inc_UK	Difference between total mean and median income (UK wide)	Numeric	See inequality.RData
median_property_price	Median property price	Numeric	UK House of Commons Library. 2022b
share_work_in_services	Share people working in services	Numeric	Office of National Statistics. 2022a
share_with_degree	Share people with higher education degree	Numeric	Office of National Statistics. 2022a

References

UK House of Commons Library. 2022a. *City & Town Classification of Constituencies & Local Authorities.* Available at: https://commonslibrary.parliament.uk/research-briefings/cbp-8322/

UK House of Commons Library. 2022b. *Constituency data: house prices.* Available at: https://commonslibrary.parliament.uk/constituency-data-house-prices/

UK House of Commons Library. 2022c. *General election results from 1918 to 2019. Results by constituency.* Available at: https://commonslibrary.parliament.uk/research-briefings/cbp-8647/

Office of National Statistics. 2022a. *Annual Population Survey*. Available at: https://www.nomisweb.co.uk/datasets/apsnew

Office of National Statistics. 2022b. *Parliamentary constituency population estimates.* Available at: https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/parliamentaryconstituencymidyearpopulationestimates

E. Codebook for `imd.RData`

Variable	Variable definition	Values
LSOA11CD	LSOA code (2011)	Character
MSOA11CD	MSOA code (2011)	Character
year	Year	Numeric
IncomeScorerate	Income Score Rate	Numeric
IndexofMultipleDeprivationIMDScore	Index of Multiple Deprivation Score	Numeric

References

Office of National Statistics. 2022. *National statistics English indices of deprivation 2015 and 2019* . Available at: https://www.gov.uk/government/collections/english-indices-of-deprivation

F. Codebook for wb.RData

Variable	Variable definition	Values
countryname	Country name	Character
year	Year	Numeric
unemployment_rate	Unemployment rate (% of total labor force) (WEO)	Numeric
gdp	Gross domestic product corresponding to fiscal year	Numeric

References

World Bank. 2022. *TCdata360*. Available at: https://tcdata360-backend.worldbank.org/api/v1/datasets/72/dump.csv

G. Codebook for `inequality.RData`

Variable	Variable definition	Values	Source
pcon	Parliamentary constituency Code	Character	
pcon_name	Parliamentary constituency Name	Character	
year	Year	Numeric	
is_region	Identifier for higher-level regions		
total_mean_income	Total mean income		Office of National Statistics. 2022a
total_median_income	Total median income		Office of National Statistics. 2022a
diff_mean_med_tot	Difference between total mean and median income		Office of National Statistics. 2022a
classification_v1	Urban/rural classification		UK House of Commons Library. 2022
pop_density	Population density		Office of National Statistics. 2022b
region	Region identifier		
classification	Identifier for London region		

References

Office of National Statistics. 2022a. *Income and tax by Parliamentary constituency*. Available at: https://www.gov.uk/government/statistics/income-and-tax-by-parliamentary-constituency-2010-to-2011

Office of National Statistics. 2022b. *Parliamentary constituency population estimates.* Available at: https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/parliamentaryconstituencymidyearpopulationestimates

UK House of Commons Library. 2022. *City & Town Classification of Constituencies & Local Authorities.* Available at: https://commonslibrary.parliament.uk/research-briefings/cbp-8322/

H. Codebook for `cmp.RData`

Variable	Variable definition	Values
countryname	Country name	Character
year	Year	Numeric
cty_code	Country code	Character
edate	Election data	Character
partyname	Party name	Character
parfam	Party family grouping	Character
pervote	Percentage of votes gained by each party	Character
absseat	Absolute number of seats by each party or party bloc	Numeric
totseats	Total number of seats in parliament	Numeric
welfare	Programmatic policy dimension “welfare”	Numeric

Note
For value descriptions see the codebook at https://manifesto-project.wzb.eu/down/data/2023a/codebooks/codebook_MPDataset_MPDS2023a.pdf

References

Volkens, Andrea / Burst, Tobias / Krause, Werner / Lehmann, Pola / Matthieß, Theres / Merz, Nicolas / Regel, Sven / Weßels, Bernhard / Zehnter, Lisa (2020): T*he Manifesto Data Collection. Manifesto Project (MRG / CMP / MARPOR). Version 2020b*. Berlin: Wissenschaftszentrum Berlin für Sozialforschung (WZB). Available at: https://doi.org/10.25522/manifesto.mpds.2020b

I. Codebook for `turnout.RData`

Variable	Variable definition	Values
countryname	Country name	Character
year	Year	Numeric
election_type	Type of election	Presidential/parliamentary
turnout	Turnout rate	Numeric

References

International IDEA. 2022. *Voter Turnout Database*. Available at: https://www.idea.int/data-tools/data/voter-turnout

J. Codebook for `elections.RData`

Variable	Variable definition	Values	Source
pcon_code	Parliamentary constituency code (ONS)	Character	
year	Year	Numeric	
vote_share_lab	Vote share Labour	Numeric	UK House of Commons Library. 2022
diff_lab_minus_con	Difference in vote share between Labour and Conservatives	Numeric	UK House of Commons Library. 2022
winner	Winner of the constituency	Character	Norris. 2022
diff_mean_med_tot_inc_log	Difference between total mean and median income, log	Numeric	See inequality.RData
type	Median split for inequality	inq_high == above-median inequality inq_low == below-median inequality	Based on diff_mean_med_tot_inc_log
pop_density	Population density		Office of National Statistics. 2022

References

UK House of Commons Library. 2022. *General election results from 1918 to 2019. Results by constituency.* Available at: https://commonslibrary.parliament.uk/research-briefings/cbp-8647/

Office of National Statistics. 2022. *Parliamentary constituency population estimates.* Available at: https://www.ons.gov.uk/peoplepopulationandcommunity/populationandmigration/populationestimates/datasets/parliamentaryconstituencymidyearpopulationestimates

Norris, Pippa. 2022. *British General Election Constituency Results, 2010-2019*. Available at: https://www.pippanorris.com/data

K. Codebook for `oecd_rwb.RData`

Variable	Variable definition	Values	Source
country	Country name	Character	
ISO3	Country code	Character	
year	Year	Numeric	
REG_ID	Region identifier	Character	OECD. 2022c
level_name	Name of regional groups	Character	OECD. 2022c
gini_disp_after_tax	Regional gini after tax income (original variable: GINI)	Numeric	OECD. 2022c
gini_before_tax	Regional gini before tax income (original variable: GINIB)	Numeric	OECD. 2022c
diff_gini	Difference before/after regional Gini	Numeric	
sd_gini_before_tax	Standard deviation of regional Gini after tax income	Numeric	
sd_gini_disp_after_tax	Standard deviation of regional Gini before tax income	Numeric	
UNEM_RA	Regional unemployment rate	Numeric	OECD. 2022c
EDU38_SH	Regional share of secondary educated people	Numeric	OECD. 2022c
VOTERS_SH	Regional turnout	Numeric	OECD. 2022c
elect_rules	Electoral regime (name)	Plurality rule Proportional representation	
plurality_rule	Electoral regime (dummy)	Bindary	
gdp	GDP	Numeric	OECD. 2022c
gdp_log	GDP log	Numeric	OECD. 2022c
unemp_rate	Unemployment rate	Numeric	OECD. 2022c
gini_disp_idd	Country-level Gini of disposable income	Numeric	OECD. 2022a
gini_market_idd	Country-level Gini of market income	Numeric	OECD. 2022a
diff_gini_idd	Difference in country-level Gini of disposable and market income	Numeric	
trade_union_density	Trade union density	Numeric	
year_elec	Year of constitutional change for electoral rules	Character	
year_elec_grp	Decade of constitutional change for electoral rules	Character	

References

OECD. 2022a. *Income Distribution Database (IDD).* Available at: https://www.oecd.org/social/income-distribution-database.htm

OECD. 2022b. *Main Economic Indicators*. Available at: https://www.oecd-ilibrary.org/economics/data/main-economic-indicators_mei-data-en

OECD. 2022c. *Regional Well-Being Database*. Available at: https://stats.oecd.org/Index.aspx?DataSetCode=RWB

L. Codebook for ess9_ml.RData

Variable	Variable definition	Values
idno	Person ID	See ESS codebook
Cntry	Country code	
Essround	ESS Round	
Hinctnta	Income decile	
Gndr	Gender	
agea	Age	
maritalb	Marital status	
chldhhe	Has children	
uempla	Unemployed	
rtrd	Retired	
pdwrk	Employed	
edctn	Student	
eisced	Education level	
lrscale	Left-right ideology	
gincdif	Preference for redistribution	
ess9_reg	Regional identifier	
dweight	Weight	
regunit	Regional unit identifier	
domicil	Urban/rural identifier	
brncntr	Foreign born	
n2_tpopsz_2020	[NUTS2] Population size	
n2_pode_2019	[NUTS2] Population density	
n2_mio_eur_2019	[NUTS2] GDP at current market prices – Million euro	
n2_unraall_2020	[NUTS2] Unemployment rates by all ages in %	
n2_gdp_eurhab_2019	[NUTS2] GDP at current market prices – Euro per inhabitant	

References

European Social Survey. ESS9. 2018, ed. 3.1 - Multilevel Data. Available at: https://www.europeansocialsurvey.org/data/

M. Information about Shapefiles

The folder "`shapefiles`" contains boundary shapefiles for parliamentary constituencies (`pcon_shp`)

References

Office for National Statistics (ONS). 2023. *Westminster Parliamentary Constituencies (December 2017) Full Clipped Boundaries in Great Britain.* Available at: https://www.data.gov.uk/dataset/f6a977e3-ae9b-4777-bda9-ce49673cd44e/westminster-parliamentary-constituencies-december-2017-full-extent-boundaries-in-great-britain