REPLICATION MATERIAL README FILE for "Electoral Institutions and Intraparty Cohesion"

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*** SOFTWARE USED IN REPLICATION ***

Stata version MP 16.0 was used to run Stata codes. MATLAB version is R2023b.

*** DATA ***

We have shared all the final estimation data sets. The raw data and intermediate data sets are not shared due to data security reasons. Please contact janne.tukiainen@utu.fi for instructions on how to access the raw data. We have shared the do-file "Replication_stata_data.do" that creates the final data sets from the raw data sets.

Proportionality_replication_data.dta contains the data for Tables 1, A3, A7 and A8, and Figures 5, A5, A6 and A13.

It includes variables year (year), munic (municipal id), pop_el (municipal population), pop_el0 (distance in population to the nearest cutoff), modifiedgallagher (the Modified Gallagher index), and differences (the Slope index).

vaalikoneRDD_17022024_alliances_analysis_s.dta contains the data for Tables 2, 3, A1, A3, A6, A7 and A8, and Figures 6, 7, A7, A8, A9, A10, A11 and A13.

It includes variables munic, year, valtuustokoko (council size) party (party label id) party2 (party list id) suma (number of respondents per party), nroparty (number of parties), effnumbparty (effective number of parties), muncands (number of candidates in municipality), listcands (number of candidates in party list), partycands (number of candidates in party label), candsperseats (candidates per council seat in muninipality), valittu (elected), tempmun (identifies one observation per municipality*year), tempparty (identifies one observation per municipality*year*party list), partyseathare (party seat share), partyvoteshare (party vote share), distance_r2s (redistribution index), distance_all2s (all questions index), meanpartydist_r2s (redistribution index party mean), meanpartydist_all2s (all questions index party mean), meanmundist_r2s (redistribution index municipality mean), meanmundist_all2s (all questions index municipality mean), pop_el, pop_el0, veropc (tax revenue), vosuuspc (municipal grants), yli65vpc (over 65 year old share), personnel (municipal personnel), expenditurepc (municipal expenditures), tyottom (unemployment rate).

vaalikoneRDD_17022024_alliances_analysis_invidbalance.dta contains data for Table A2 and A3, and Figure A13.

It contains variables munic, year, old (dummy for over 65 year old), university (university education), unemployed (unemployed dummy), male (male dummy), Ika (age), KunnanValtuusto (incumbent dummy), valittu (elected dummy), tempmun, tempparty, pop_el, pop_el0.

responserates.dta contains data for Table A9 and Figure A12.

It contains variables munid (municipal id), party2, party, year, tempmun, listcands, muncands, tempparty, male, Ika, KunnanValtuusto, aanetyht (personal votes), valittu, university, unemployed, old, _merge (whether responded or not)

TableA4.dta contains data for Table A4.

It contains variables abschangedaycare (absolute change in day care question), abschangesoc_welfare (absolute change in social welfare question), abschangeanti_environment (absolute change in anti environment question), abschangeprogressive (absolute change in progressive question), abschangesell (absolute change in sell question), abschangesubsidy (absolute change in subsidy question), switcher (party switcher), abschangevaltuustoko (absolute change in council size), munid, fixedpartycode (party label id), KunnanValtuusto, university, unemployed, student (student dummy), highprofessional (high socioeconomic status dummy), male, old, Ika, year

TableA5.dta contains data for Table A5.

It contains variables munic year distance_r2s distance_all2s meanmundist_r2s meanmundist_all2s population tempmun

Figure4.dta contains data for Figure 4.

It contains variables partyvoteshare, partyseathare, seats (council size), (year*municipality id interaction).

Figures 1,2,3, A1, A2, A3 do not require data and graphically illustrate parts of the model and the results. The file Figures.tex contains the latex code that produces these Figures. Figure A4 is produced in MATLAB. Folder FigureA4 contains FigureA4.m that produces the figure based on equilibrium platforms produced in platform.m. The Folder also includes the LemkeHowson.m file containing the algorithm used to calculate the mixed strategies and its copyright terms in license.txt.

*** CODE REQUIREMENTS ***

Results of the replication package may depend on difference versions of Stata and the Stata packages. Particularly the version of rdrobust package is relevant for specific numbers. The results in the paper correspond to rdrobust version 9.0.5. The exception is Table A5 that uses version 7.6.0.

In order to run the code, global home directory “cd” has to be changed in the do-files.

*** DO-FILES ***

Replication_stata_data.do contains all the data creation.

Replication_stata_analysis.do contains all the analysis.