Codebook and descriptive statistics for dataset 'dta_gov' (Müller and Louwerse, PSRM)

Autogenerated data summary from dataMaid

2018-08-14 10:33:02

Data report overview

The dataset examined has the following dimensions:

Feature	Result
Number of observations	25740
Number of variables	33

Codebook summary table

Label	Variable	Class	# unique values	Missing	Description
	country	factor	22	0.00 %	Country identifier (from Jennings and Wlezien 2016, 2018).
	country_code	factor	22	0.00 %	Alternative country identifier.
	election_id	factor	191	0.00 %	Identifier for each election.
	elecyear	numeric	67	0.00 %	Year of election that marks the end of the cycle.
	elecdecade	factor	8	0.00 %	Decade of election that marks the end of the cycle.
	partyid	factor	64	0.00 %	Identifier for each party (based on Jennings and Wlezien 2016, 2018).
	polldate	Date	9815	0.00 %	Date of poll (Jennings and Wlezien 2016, 2018).
	poll_id	factor	17614	0.00 %	Unique identifier for each poll (based on Jennings and Wlezien 2016, 2018).
	government	factor	1	0.00 %	Dummy indicating whether a party is a government or opposition party (based on Jennings and Wlezien 2016, 2018). Since the analysis only considers government parties, all observations take the value 1.
	poll_change	numeric	4213	0.37 %	Difference between opinion poll result and the party's vote share at last election.

Label	Variable	Class	# unique values	Missing	Description
	poll_change_lag	numeric	4152	0.93 %	Lagged variable of poll_change.
	poll_change_percentage_av	numeric	8738	0.37 %	Change in support as a percentage of the average of the previous election and the poll. Estimated as: (poll_result - vote_share_last) / ((vote_share_last + poll_result)/2)
	largest_government_party	factor	2	0.00 %	Dummy that indicates whether a government party is the largest government party (based on Jennings and Wlezien 2016, 2018).
	total_length	numeric	120	0.00 %	Length (in number of days) of electoral cycle.
	electoral_cycle_cabinet	numeric	17003	0.00 %	Position in the electoral cycle (starting with the inauguration date of of government).
	electoral_cycle_max	numeric	165	0.00 %	Maximum value of electoral_cycle for each cycle.
	electoral_cycle_planned	numeric	3617	0.00 %	Position in the electoral cycle (measured as the 'planned' length, i.e. the maximum number of years of a legislative period)
	election	factor	1	0.00 %	Dummy derived from Jennings and Wlezien (2016) that indicates whether an election was a presidential or legislative election. In the paper, we only consider legislative elections.
	system	factor	2	0.00 %	Dummy derived from Jennings and Wlezien (2016) that indicates whether a country has a parliamentary or presidential system. In the paper, we only consider parliamentary systems.
	early_election_type	factor	3	0.00 %	Type of election (regular, opportunistic, or failure). Based on Schleiter and Tavits (2016) and own extensions.
	regular	factor	2	0.00 %	Dummy indicating whether election was regular.
	failure	factor	2	0.00 %	Dummy indicating whether election was a failure election.
	opportunistic	factor	2	0.00 %	Dummy indicating whether election was opportunistic.

Label	Variable	Class	# unique values	Missing	Description
	gdp_change_lag	numeric	1964	1.24 %	Quarterly Growth Rates of real GDP, change over previous quarter. Lagged by one quarter (data derived from OECD).
	gdp_change_lag_stand	numeric	1856	1.24 %	Quarterly Growth Rates of real GDP, change over previous quarter. Standardized within countries for each decade.
	vote_share_last	numeric	225	0.37 %	Vote share of party at the election of the start of the electoral cycle.
	poll_result	numeric	1866	0.00 %	Standing of a party in a poll in percent (based on Jennings and Wlezien 2016, 2018). If more than one poll was published on a single day, the average of all polling results for the party is used.
	diss_pm	numeric	6	0.00 %	Prime Minster dissolution power (based on Goplerud and Schleiter 2016).
	diss_gov	numeric	4	0.00 %	Government dissolution power (based on Goplerud and Schleiter 2016).
	single_party_cabinet	factor	2	0.00 %	Dummy variable indicating whether a government was a coalition or a single-party cabinet (based on information from Andersson, Bergman, and Ersson 2014 and Döring and Manow 2018).
	minority_cabinet	factor	3	9.95 %	Dummy variable indicating whether a government was a coalition or a minority cabinet (based on information from Andersson, Bergman, and Ersson 2014 and Döring and Manow 2018).
	exec_parties_4510	numeric	20	0.92 %	Executive-parties dimension for each country between 1945 and 2010, derived from Lijphart (2012).
	fed_unit_4510	numeric	20	0.92 %	Federal-unitary dimension for each country between 1945 and 2010, derived from Lijphart (2012).

Variable list

country

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	22
Mode	"39"

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country_code

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	22
Mode	"United Kingdom"

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election_id

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	191
Mode	"39_leg_2015_1"

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elecyear

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	67
Median	2005
1st and 3rd quartiles	1993; 2013
Min. and max.	1946; 2017

elecdecade

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	8
Mode	"2010"

partyid

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	64
Mode	"39_1"

polldate

Feature	Result
Variable type	Date
Number of missing obs.	0 (0 %)
Number of unique values	9815
Mode	"2010-09-15"
Min. and max.	1945-06-15; 2017-06-06
1st and 3rd quartiles	1991-05-14; 2010-10-29

poll_id

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	17614
Mode	"23_leg_1971_1_1967-05-07"

government

- The variable only takes one (non-missing) value: "1". The variable contains 0 % missing observations.

poll_change

Feature	Result
Variable type	numeric
Number of missing obs.	94 (0.37 %)
Number of unique values	4212
Median	-2.7
1st and 3rd quartiles	-6.72; 0.2
Min. and max.	-34.42; 23.7

poll_change_lag

Feature	Result
Variable type	numeric
Number of missing obs.	240 (0.93 %)
Number of unique values	4151
Median	-2.7
1st and 3rd quartiles	-6.7; 0.2
Min. and max.	-34.42; 23.7

poll_change_percentage_av

Feature	Result
Variable type	numeric
Number of missing obs.	94 (0.37 %)
Number of unique values	8737
Median	-2.77
1st and 3rd quartiles	-6.71; 0.2
Min. and max.	-47.67; 24.24

largest_government_party

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	"1"

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total_length

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	120
Median	1463
1st and 3rd quartiles	1351; 1638
Min. and max.	224; 1848

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electoral_cycle_cabinet

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	17003
Median	0.58
1st and 3rd quartiles	0.3; 0.83
Min. and max.	0; 1

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electoral_cycle_max

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	165
Median	1
1st and 3rd quartiles	0.88; 1
Min. and max.	0.12; 1.16

electoral_cycle_planned

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	3617
Median	0.52
1st and 3rd quartiles	0.28; 0.78
Min. and max.	0; 1.16

election

- The variable only takes one (non-missing) value: "Legislative". The variable contains 0 % missing observations.

system

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	“Parliamentary”

early_election_type

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	3
Mode	“Regular”

regular

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	“1”

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failure

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	“0”

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opportunistic

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	“0”

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gdp_change_lag

Feature	Result
Variable type	numeric
Number of missing obs.	318 (1.24 %)
Number of unique values	1963
Median	0.59
1st and 3rd quartiles	0.07; 1.01
Min. and max.	-7.61; 21.58

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gdp_change_lag_stand

Feature	Result
Variable type	numeric
Number of missing obs.	318 (1.24 %)
Number of unique values	1855
Median	0.6
1st and 3rd quartiles	0.39; 0.76
Min. and max.	0; 1

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vote_share_last

Feature	Result
Variable type	numeric
Number of missing obs.	94 (0.37 %)
Number of unique values	224
Median	35.4
1st and 3rd quartiles	23.6; 40.9
Min. and max.	3.4; 53.66

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poll_result

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	1866
Median	31
1st and 3rd quartiles	14.8; 37.9
Min. and max.	0.1; 65.9

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diss_pm

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	6
Median	2.5
1st and 3rd quartiles	0; 10
Min. and max.	0; 10

diss_gov

- Note that this variable is treated as a factor variable below, as it only takes a few unique values.

Feature	Result
Variable type	numeric
Number of missing obs.	0 (0 %)
Number of unique values	4
Mode	"0"

single_party_cabinet

Feature	Result
Variable type	factor
Number of missing obs.	0 (0 %)
Number of unique values	2
Mode	"0"

minority_cabinet

Feature	Result
Variable type	factor
Number of missing obs.	2561 (9.95 %)
Number of unique values	2
Mode	"0"

exec_parties_4510

Feature	Result
Variable type	numeric
Number of missing obs.	238 (0.92 %)
Number of unique values	19
Median	0.78
1st and 3rd quartiles	-1; 0.79
Min. and max.	-1.09; 1.58

fed_unit_4510

Feature	Result
Variable type	numeric
Number of missing obs.	238 (0.92 %)
Number of unique values	19
Median	0.3
1st and 3rd quartiles	-1.06; 1.73
Min. and max.	-1.67; 2.41

Report generation information:

- Created by Stefan Müller (username: `stefan`).
- Report creation time: Tue Aug 14 2018 10:33:03
- Report Was run from directory: `/Users/stefan/Dropbox/electoral_cycle_effect_psrm`
- dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.5.0)]
- R version 3.5.0 (2018-04-23).
- Platform: x86_64-apple-darwin15.6.0 (64-bit)(macOS Sierra 10.12.6).
- Function call: `makeDataReport(data = dta_gov, mode = "summarize", file = "codebook.Rmd", replace = TRUE, checks = list(list("showAllFactorLevels")), listChecks = FALSE, maxProbVals = FALSE, codebook = TRUE, reportTitle = "Codebook and descriptive statistics for dataset 'dta_gov' (Müller and Louwerse, PSRM)")`