Codebook:

COMPARATIVE POLITICAL DATA SET 1960-2015

Klaus Armingeon, Virginia Wenger, Fiona Wiedemeier, Christian Isler, Laura Knöpfel, David Weisstanner and Sarah Engler

The Comparative Political Data Set 1960-2015 (CPDS) is a collection of political and institutional data which have been assembled in the context of the research projects "Die Handlungsspielräume des Nationalstaates" and "Critical junctures. An international comparison" directed by Klaus Armingeon and funded by the Swiss National Science Foundation. This data set consists of (mostly) annual data for 36 democratic OECD and/or EU-member countries for the period of 1960 to 2015. In all countries, political data were collected only for the democratic periods. The data set is suited for cross-national, longitudinal and pooled time-series analyses.

The present data set combines and replaces the earlier versions "Comparative Political Data Set I" (data for 23 OECD countries from 1960 onwards) and the "Comparative Political Data Set III" (data for 36 OECD and/or EU member states from 1990 onwards). A variable has been added to identify former CPDS I countries.

For additional detailed information on the composition of government in the 36 countries, please consult the "Supplement to the Comparative Political Data Set – Government Composition 1960-2015", available on the CPDS website.

The Comparative Political Data Set contains some additional demographic, socio- and economic variables. However, these variables are not the major concern of the project and are thus limited in scope. For more in-depth sources of these data, see the online databases of the OECD, Eurostat or AMECO.

When using data from this data set, please quote both the data set and, where appropriate, the original source. Please quote this data set as:

Armingeon, Klaus, Virginia Wenger, Fiona Wiedemeier, Christian Isler, Laura Knöpfel, David Weisstanner and Sarah Engler. 2017. *Comparative Political Data Set 1960-2014*. Bern: Institute of Political Science, University of Berne.

Last updated: 2017-08-31

.

¹ Political data are not collected for non-democratic periods and thus missing for Greece during the period 1968-1973; for Portugal until 1975; Spain until 1976; Bulgaria, Czech Republic, Hungary, Romania and Slovakia until 1989; Poland until 1990; Estonia and Lithuania until 1991; Latvia and Slovenia until 1992; and missing for Croatia until 1999. Political data collection in Malta starts in 1966 after its independence in 1964. In the case of Cyprus it starts in 1976 after its division in 1974.

CONTENTS

1. General variables	
2. Governments	
3. Elections	
4. Party system	
5. Institutions	
6. Openness of the economy	
7. Macroeconomic data	
8. Labour force data	
9. Industrial disputes and trade unions	
10. Public social expenditure and revenue data	
11. Family policy	
12. Labour market policy	
13. Income inequality	
14. Demographic data	
Appendix	
Literature	

VARIABLE LIST

1. General variables

year Year of observation country Country names

countryn Country code numbers: 1 Australia, 2 Austria, 3 Belgium, 4 Bulgaria, 5 Canada, 6 Croatia, 7 Cyprus (Greek part), 8 Czech Republic, 9 Denmark, 10 Estonia, 11

Finland, 12 France, 13 Germany, 14 Greece, 15 Hungary, 16 Iceland, 17 Ireland, 18 Italy, 19 Japan, 20 Latvia, 21 Lithuania, 22 Luxembourg, 23 Malta, 24 Netherlands, 25 New Zealand, 26 Norway, 27 Poland, 28 Portugal, 29 Romania, 30 Slovakia, 31 Slovenia, 32 Spain, 33 Sweden, 34 Switzerland, 35 United Kingdom,

36 USA.

iso International Standard for country codes: ISO 3166-1 code (ALPHA-3).

ISO country codes: AUS Australia, AUT Austria, BEL Belgium, BGR Bulgaria, CAN Canada, HRV Croatia, CYP Cyprus (Greek part), CZE Czech Republic, DNK Denmark, EST Estonia, FIN Finland, FRA France, DEU Germany, GRC Greece, HUN Hungary, ISL Iceland, IRL Ireland, ITA Italy, JPN Japan, LVA Latvia, LTU Lithuania, LUX Luxembourg, MLT Malta, NLD Netherlands, NZL New Zealand, NOR Norway, POL Poland, PRT Portugal, ROU Romania, SVK Slovakia, SVN Slovenia, ESP Spain, SWE Sweden, CHE Switzerland, GBR United Kingdom, USA USA.

iso3n International Standard for country codes: ISO 3166-1 numeric code (numeric-3).

ISO numeric country codes: 36 Australia, 40 Austria, 56 Belgium, 100 Bulgaria, 124 Canada, 191 Croatia, 196 Cyprus (Greek part), 203 Czech Republic, 208 Denmark, 233 Estonia, 246 Finland, 250 France, 276 Germany, 300 Greece, 348 Hungary, 352 Iceland, 372 Ireland, 380 Italy, 392 Japan, 428 Latvia, 440 Lithuania, 442 Luxembourg, 470 Malta, 528 Netherlands, 554 New Zealand, 578 Norway, 616 Poland, 620 Portugal, 642 Romania, 703 Slovakia, 705 Slovenia, 724

Spain, 752 Sweden, 756 Switzerland, 826 United Kingdom, 840 USA.

cpds1 Dummy variable with value 1 for former "Comparative Political Data Set I" coun-

tries, covering 23 OECD countries starting in 1960.

poco Dummy variable with value 1 for post-communist countries (Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia).

eu Dummy variable with value 1 for member states of the European Union (since year of accession).

emu Dummy variable with value 1 for member states of the Economic and Monetary Union (EMU) of the European Union (since year of accession).

Note:

- 1. For former communist countries, as well as for Portugal and Spain, political data were gathered starting with the first free elections. For Greece, political data are available before 1967 and interrupted during the military dictatorship 1967-1973. For Cyprus, data begin with the first election after its division. For Malta, political data were gathered starting with the first election after its independence.
- 2. *Germany*: Data up to the end of 1990 are for the Federal Republic of Germany before reunification only (West Germany); unless otherwise indicated, data cover all of Germany from 1991 onwards.

2. Governments

Note:

For detailed information on government data (party composition, reshuffles, duration, reason for termination and the type of government) please consult the "Supplement to the Comparative Political Data Set – Government Composition" available on the Comparative Political Data Set website.

gov_right1 Government composition: cabinet posts of right-wing parties in percentage of total cabinet posts. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: Own calculations primarily based on Schmidt and Beyer (1992); from 1991 on from the political data published in the European Journal of Political Research (Political Data Yearbook, various issues). For details see Appendix 1, for the classification of parties into "left", "centre" or "right" parties see Appendix 2.

gov_cent1 Government composition: cabinet posts of centre parties in percentage of total cabinet posts. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov right1'.

gov_left1 Government composition: cabinet posts of social democratic and other left parties in percentage of total cabinet posts. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov right1'.

Notes:

- 1. Due to independents in government or non-partisan/technocratic governments, the calculations of 'gov_right1', 'gov_cent1' and 'gov_left1' do not always add up to 100 percent.
- 2. In countries where the democratic transition started later than in 1960, the calculations of government composition in the first year do not start on the 1st January. Instead, calculations start with the investiture date of the first democratic government. Thus the variables can still add up to 100 percent.

gov_party Cabinet composition (Schmidt-Index): (1) hegemony of right-wing (and centre) parties (gov_left1=0), (2) dominance of right-wing (and centre) parties (0<gov_left1<=33.33), (3) balance of power between left and right (33.33<gov_left1<66.67), (4) dominance of social-democratic and other left parties (66.67<=gov_left1<100), (5) hegemony of social-democratic and other left parties (gov_left=100).

Period covered: 1960-2015.

Missing: Bulgaria 1993/94 and Italy 2012 (full technocratic governments).

Source: Own calculations according to Schmidt (1992).

Notes:

Where the sum of 'gov_left', 'gov_cent' and 'gov_right' is not equal to 100 percent due to independents, the boundaries for the three groups were recalculated for the codes (2), (3) and (4) by taking the sum of the given entries as 100 percent. For example, *Portugal 2005*:

gov_right + gov_cent + gov_left = 61.12.

The total of 61.12 percent is the basis for the calculation of the new boundaries. 61.12/3 = 20.37 is in this case the new boundary for the lower third, replacing 33.3 percent. 20.37*2 = 40.75 would be the new boundary for the upper third, replacing 66.6 percent. As gov_left = 42.64, which is a higher value than the boundary for the upper third (=40.75), a (4) was entered.

gov_new New ideological composition of cabinet: (0) no change, (1) change: if cabinet ideological composition (gov_party) changed from last to present year. <u>Period covered</u>: 1960-2015.

Missing: Bulgaria 1993/94 and Italy 2012 (full technocratic governments).

Source: Own calculations based on the variable 'gov party'.

gov_gap 'Ideological gap' between new and old cabinets. The gap is calculated as the difference of the index value (gov_party) between the incoming and the outgoing governments. For an example, see the note below.

Period covered: 1960-2015.

Missing: Bulgaria 1993/94, Italy 2012 (full technocratic governments) and first vears of countries with democratic transition later than 1960.

Source: Own calculations based on the variable 'gov' party'.

Note:

1. How to calculate 'gov_gap' (an example): The cabinet in Australia in 1996 is coded (2) for the variable 'gov_party' (dominance of right- and centre parties). As in 1995, the government of Australia had a hegemony of social-democratic and other left parties, coded (5) for the variable 'gov_party', the value for 'gov_gap' in 1996 would thus be (-3), calculated as the difference in the ideologies of the outgoing (2) and the incoming governments (5).

gov_chan Number of changes in government per year [termination of government due to

- (a) elections,
- (b) voluntary resignation of the Prime Minister,
- (c) resignation of Prime Minister due to health reasons,
- (d) dissension within government (break up of the coalition),
- (e) lack of parliamentary support,
- (f) intervention by the head of state, or
- (g) broadening of the coalition (inclusion of new parties)

(Woldendorp/Keman/Budge 2000: 16-17)].

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: 1960-1994: Woldendorp/Keman/Budge (1998, 2011); 1995 onwards (USA from 1991 onwards): own calculations based on European Journal of Political Research (Political Data Yearbook, various issues).

gov_right2 Government composition: relative power position of right-wing parties in government based on their seat share in parliament, measured in percentage of the total parliamentary seat share of all governing parties. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov_right1'.

gov_cent2 Government composition: relative power position of centre parties in government based on their seat share in parliament, measured in percentage of the total parliamentary seat share of all governing parties. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov_right1'.

gov_left2 Government composition: relative power position of social democratic and other left parties in government based on their seat share in parliament, measured in percentage of the total parliamentary seat share of all governing parties. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov_right1'.

Notes:

- 1. Changes in the composition of the parliament are not entered until there has been a change in government.
- 2. For some calculations the total weight does not amount to 100 percent due to non-partisan/technocratic governments in office.
- gov_right3 Government support: parliamentary seat share of right-wing parties in government. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov_right1'.

gov_cent3 Government support: parliamentary seat share of centre parties in government. Weighted by the number of days in office in a given year.

Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov_right1'.

gov_left3 Government support: parliamentary seat share of social democratic and other left parties in government. Weighted by the number of days in office in a given year. Period covered: 1960-2015.

Missing: None.

Source: See variable 'gov_right1'.

Note:

1. Changes in the composition of the parliament are not entered until there has been a change in government.

gov_sup Total government support: seat share of all parties in government. Weighted by the numbers of days in office in a given year.

Period covered: 1960-2015.

Missing: none.

Source: See variable 'gov_right1'.

gov_type Type of government based on the following classification:

- (1) Single-party majority government:

 One party takes all governments seats and has a parliamentary majority [>50.0%].
- (2) Minimal winning coalition:

 All participating parties are necessary to form a majority government [>50.0%].
- (3) Surplus coalition:

 Coalition governments which exceed the minimal-winning criterion [>50.0%].
- (4) Single-party minority government:

 The party in government does not possess a majority in Parliament [≤50.0%].
- (5) Multi-party minority government: The parties in government do not possess a majority in Parliament [≤50.0%].
- (6) Caretaker government:

 Governments which should simply maintain the status quo.
- (7) Technocratic government:

 Led by technocratic prime minister, consists of a majority of technocratic ministers and is in possession of a mandate to change the status quo.

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: 1960-1994: Woldendorp/Keman/Budge (1998, 2011); post-communist countries: Berglund et al. (2013); 1995 onwards (USA from 1991 onwards): own calculations based on European Journal of Political Research (Political Data Yearbook, various issues) according to the definitions of Woldendorp/Keman/Budge (2000: 17f.), and McDonnel/Valbruzzi (2014: 11) for the last two categories.

Notes:

- 1. The indicator refers to the type of government that was in office for the longest period each year.
- 2. Caretaker governments are governments which should simply maintain the status quo (Golder 2010: 4). Mostly the ministers of such governments, including the prime minister, belong to a specific party. However, in a few cases the governments consist of nonpartisan technocratic ministers. We still code these governments as caretaker governments as long as their mandate does not exceed the remit "to mind the shop".
- 3. Based on McDonnell and Valbruzzi (2014: 11), we define a technocratic government as a government which is led by technocratic prime minister, consists of a majority of technocratic ministers and is in possession of a mandate to change the status quo. In a few cases, only the minority of ministers are technocrats. However, as long as the first and third criterion (technocratic prime minister and mandate to change the status quo) are fulfilled, we still code these governments as technocratic. Following McDonnel and Valbruzzi (2014: 4) we classify a prime minister as a being a
 - Following McDonnel and Valbruzzi (2014: 4) we classify a prime minister as a being a technocrat if "at he time of his/her appointment to government, he/she: (1) has never held public office under the banner of a political party; (2) is not a formal member of any party; (3) is said to possess recognized non-party political expertise which is directly relevant to the role occupied in government" (McDonnel and Valbruzzi 2014: 4-5).
- 4. If a single party's seat share is exactly 50%, we code the government as a single party minority government. If two governmental parties possess combined 50% of the seat share we code the government as a multi party minority government. If the government as a multi party minority government.

- ment consists of three parties where the two biggest ones hold 50% of the seat share we code the government as a minimal winning coalition one.
- 5. Sister parties count as one party for the classification of the type of government (for example the CDU and CSU in Germany).
- 6. We classify the governments of Cyprus and the United States continuously as single party majority governments due to the countries' presidential system.

3. Elections

elect

Date of election of national parliament (lower house). (If there were two elections in a year, the date of the second is given).

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: European Journal of Political Research (Political Data Yearbook, various issues); Mackie & Rose (1991); Bugajski (2002); Keesing's Archive; Parliaments and governments database (http://www.parlgov.org/explore); Parline database (http://www.ipu.org/parline-e/parlinesearch.asp).

Note:

- 1. For former communist countries the entries generally start with the year when the first free elections were held. An exception is the inclusion of the 1990 Slovenian elections. Although at the time of these elections, Slovenia was still part of the Yugoslav federation, the significance of the decisions taken by the Parliament formed after these elections has led some authors to consider them "founding elections" (e.g. Klingemann et al. 2000). The elections of the Federal Assembly of Czechoslovakia 1990 and 1992 are included as well since the Czech and the Slovakian parts of the Federation voted separately for their own candidates. The 1992 elections produced the Parliaments which ruled after the two countries peacefully separated on 1st January 1993.
- 2. *Greece 2012:* From the two elections in 2012 (06. May and 17. June), only the results of the second one on 17. June are entered.

vturn

Voter turnout in election. Period covered: 1960-2015.

Missing: None.

Source: See variable 'elect'.

social1 social2 (etc.) Share of votes of the party classified as 'social1'. Share of votes of the party classified as 'social2'.

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: See variable 'elect'. Parties are classified based on Lane, McKay and Newton (1997). For details about the classification and the period covered for each country, see the Appendix 3.

As a general rule, we include data on votes and seats for a party if it reached at least 2% of the vote share in an election. If it did not reach that threshold, data for this party was not entered for this election (neither on votes nor on seats); rather it received a zero (see Appendix 3).

List of party family labels:

social1-social8, leftsoc1-leftsoc5, comm1-comm4, postcom1-postcom2, agrarian1-agrarian3, conserv1-conserv8, relig1-relig7, liberal1-liberal9, protest1-protest5, green1-green3, ethnic1-ethnic4, right1-right5, regio1, femin1, monarch1, person1, pension1-pension2, nonlbl1-nonlbl2, allia1-allia3, others.

Notes:

- For Italy (1993-2005), Germany, Lithuania and New Zealand (since 1994), the share
 of votes represents the share of votes received on party lists (proportional part of the
 electoral system). For the parallel system of Japan, the percentage of votes represents the mean of votes in single-seats districts and in proportional representation
 constituencies.
- 2. Slovenia 1996-2006: The National Assembly also includes two seats (one seat each) reserved for the Italian and Hungarian minorities (ethnic1 and ethnic2) that are only elected by members of those minorities.
- 3. 'others' and 'sothers' are residual categories. They cover the difference of entries on votes or seats of the sum of all other categories compared to 100 percent.
- 4. In bicameral systems, data is taken for the lower house.

ssocial1 ssocial2 Share of seats in parliament for the party classified as 'social1'.

Share of seats in parliament for the party classified as 'social2'.

(etc.)

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: See variable 'elect'. Parties are classified based on Lane, McKay and Newton (1997). For details about the classification and the period covered for each country, see the Appendix 3.

As a general rule, we include data on votes and seats for a party if it reached at least 2% of the vote share in an election. If it did not reach that threshold, data for this party was not entered for this election (neither on votes nor on seats); rather it received a zero (see Appendix 3).

List of party family labels:

ssocial1-ssocial8, sleftsoc1-sleftsoc5, scomm1-scomm4, spostcom1-spostcom2, sagrarian1-sagrarian3, sconserv1-sconserv8, srelig1-srelig7, sliberal1-sliberal9, sprotest1-sprotest5, sgreen1-sgreen3, sethnic1-sethnic4, sright1-sright5, sregio1, sfemin1, smonarch1, sperson1, spension1-spension2, snonlbl1-snonlbl2, sallia1-sallia3, sothers.

Note:

1. In bicameral systems, data is taken for the lower house.

womenpar Percentage of women in parliaments. Entries refer to the composition of the parliament at the end of the corresponding year.

Period covered: 1960-2015.

Missing: Czech Republic, Slovakia and Slovenia: 1990/91.

Source: Inter-Parliamentary Union (1995, 1997); Inter-Parliamentary Union

Homepage (http://www.ipu.org/wmn-e/classif-arc.htm)

(Downloaded: 2017-07-11).

Note:

- 1. In bicameral systems, data is taken for the lower house.
- 2. Croatia 2003: Data corresponds to the month of November.

4. Party system

Note:

For the calculation of party system indicators, the vote and seat shares of independents and very small parties grouped under the category 'others' were neglected. The construction of the indices is such that independents and very small parties tend to be ignored, because parties are weighted by their vote/seat shares (see also Lijphart 2012: 73, footnote 7).

rae_ele Index of *electoral* fractionalization of the party system according to the formula proposed by Rae (1968):

 $rae_ele = 1 - \sum_{i=1}^{m} v_i^2$, where v_i is the share of votes for party i and m the number

of parties (without the category 'others'). The index can take values between 1 (maximal fractionalization) and 0 (minimal fractionalization).

Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

rae_leg Index of *legislative* fractionalization of the party system according to the formula proposed by Rae (1968):

 $rae_leg = 1 - \sum_{i=1}^{m} s_i^2$, where s_i is the share of seats for party i and m the number

of parties (without the category 'sothers'). The index can take values between 1 (maximal fractionalization) and 0 (minimal fractionalization).

Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

effpar_ele Effective number of parties on the *votes* level according to the formula $[N_2]$ proposed by Laakso and Taagepera (1979). The effective number of parties uses the same information as the Rae-Index and is calculated from this index as follows: effpar ele = 1 / (1 - rae ele)

Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

effpar_leg Effective number of parties on the *seats* level according to the formula [N₂] proposed by Laakso and Taagepera (1979). The effective number of parties uses the same information as the Rae-Index and is calculated from this index as fol-

lows: effpar_leg = 1 / (1 - rae_leg) Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

dis_abso Index of absolute disproportionality. For example, a score of 1 means that on the seats level there is, on average, one (effective) party less than on the votes level. 'Absolute' refers to the calculation of the differences between the effective number of parties in elections and parliaments without taking the fractionalization of the party system into account. The more fractionalized a party sytem, the greater the likelihood – ceteris paribus – of high values of dis_abso.

The index is calculated as follows: dis_abso = effpar_ele - effpar_leg

Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

dis_rel Index of relative disproportionality. This index is weighted by the total number of parties on the *votes* level. It is calculated as follows:

dis_rel = (effpar_ele - effpar_leg) / effpar_ele

Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

dis gall Index of disproportionality according to the formula [least squares] proposed by Gallagher (1991). Calculated as follows:

$$dis_{-}gall = \sqrt{\frac{1}{2}\sum_{i=1}^{m}(v_i - s_i)^2}$$
, where v_i is the share of *votes* for party i , s_i is the

share of seats for party i and m the number of parties

Period covered: 1960-2015.

Missing: None.

Source: Own calculations.

5. Institutions

The variables 'Ifirst' to 'Ibank' come from Lijphart (2012: 305-309). They concern two dimensions of consensus democracies. The value for the period 1945-2010 is entered in 1960; the value for the period 1981-2010 is entered in 1981. For definition of the variables, see Lijphart (2012). The index of central bank independence ('lbank') covers only the periods 1945-1994 and 1981-1994. The first years analyzed vary by country (for further information see Lijphart 2012: 49).

Ifirst First (executives-parties) dimension Isec Second (federal-unitary) dimension leff Effective number of parliamentary parties **Imin** Minimal winning one-party cabinets (%) lexe Index of executive dominance ldis Index of disproportionality (%) lint Index of interest group pluralism

lfed Index of federalism lbic Index of bicameralism

Index of constitutional rigidity Irid

Index of judicial review ljud

lbank Index of central bank independence

Period covered: 1945-2010 (central bank independence: 1945-1994).

Missing: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia,

Lithuania, Poland, Romania, Slovakia, Slovenia.

Source: Lijphart (2012: 305-309).

Lijphart's first dimension. Time-variant proxy variable (for details see Appendix 5). **Ifirstp**

Source: Own calculations.

Period covered:

AUS 1969-2015 EST JPN 1969-2015 PRT 1985-2015 2001-2015 AUT 1969-2015 FIN 1969-2015 LVA 2002-2015 ROU 1999-2015 1969-2015 FRA 1969-2015 2001-2015 SVK BEL LTU 1999-2015 SVN BGR 1999-2015 DEU 1969-2015 LUX 1969-2015 2002-2015 CAN 1969-2015 GRC 1983-2015 MLT 1975-2015 ESP 1986-2015 HRV 2009-2015 HUN 1999-2015 SWE 1969-2015 NLD 1969-2015 CYP 1999-2015 CHE 1969-2015 ISL 1969-2015 NZL 1969-2015 CZE 1999-2015 IRL 1969-2015 NOR 1969-2015 GBR 1969-2015 DNK 1969-2015 |ITA 1969-2015 POL 2000-2015 USA 1969-2015

Lijphart's first dimension. Proxy variable institutions (for details see Appendix 5). lfirstpi

Source: Own calculations.

Period covered: See variable 'lfirstp'.

Ifirstpb Lijphart's first dimension. Proxy variable behavior (see Appendix 5).

Source: Own calculations.

Period covered: See variable 'lfirstp'.

instcons

Index of institutional constraints of central state government according to Schmidt (1996); Minimum value = 0; Maximum value = 6; Range of data: 0 to 5, with high values indicating powerful constraints and low values indicating that the central government has a great deal of room for maneuverability.

Description: additive index composed of 6 dummy variables ('1' = constraints, '0' = else): (1) EU membership = 1, (2) degree of centralisation of state structure (federalism = 1), (3) difficulty of amending constitutions (very difficult = 1) (4) strong bicameralism = 1 (5) central bank autonomy = 1 (6) frequent referenda = 1. Source: Schmidt (1996: 172) transformed into time variant annual data. Data for central bank autonomy taken from Beyeler (2007: 123).

Period covered:

	1960-2015					PRT	1976-2015
AUT	1960-2015	FIN	1960-2015	LVA		ROU	
BEL	1960-2015	FRA	1960-2015	LTU		SVK	
BGR		DEU	1960-2015	LUX	1960-2015	SVN	
CAN	1960-2015	GRC	1974-2015	MLT		ESP	1977-2015
HRV		HUN		NLD	1960-2015	SWE	1960-2015
CYP		ISL	1960-2015	NZL	1960-2015	CHE	1960-2015
CZE		IRL	1960-2015	NOR	1960-2015	GBR	1960-2015
DNK	1960-2015	ITA	1960-2015	POL		USA	1960-2015

structur

Augmented index of constitutional structures based on Huber/Ragin/Stephens (1993: 728); we turned the time-invariant variable into a time-variant variable by adjusting for institutional changes, e.g. the Belgian shift to federalism in 1993. Countries not covered by Huber et al. (1993) were classified according to Huber et al. using information from national sources or comparative analyses such as Schmidt (1996).

Description: Additive index composed of five indicators: (1) federalism (0 = absence, 1 = weak, 2 = strong), (2) parliamentary government = 0, versus presidentialism or other = 1, (3) proportional representation = 0, modified proportional representation = 1, majoritarian = 2, (4) bicameralism (0 = no second chamber or second chamber with very weak powers, 1 = medium strength bicameralism, 2 = strong bicameralism), (5) frequent referenda = 1.

Period covered: 1960-2015.

Missing: None.

Source: Own calculations based on Huber/Ragin/Stephens (1993).

fed Federalism. Coded: 0 = no; 1 = weak; 2 = strong.

Period covered: 1960-2015.

Missing: None.

Source: Huber et al. (2004); national sources and constitutions.

Note:

1. Spain is classified as a strong federal state, although formally it is a unitarian one.

pres

Executive-legislative relations according to Lijphart (2012: 108ff.). Coded: 0 = parliamentary system; 1 = semi-presidential dominated by parliament; 2 = hybrid system; 3 = semi-presidential dominated by president; 4 = presidential system. Period covered: 1960-2015.

Missing: None.

Source: Lijphart (2012); Huber et al. (2004); Ismayr (2003, 2006, 2010); national sources and constitutions; EJPR Political Data Yearbook (various issues).

Note:

- In addition to a parliamentary prime minister, a semi-presidential system (= 1 or 3) also has a popularly elected president (Lijphart 2012: 109).
- Changes are entered in the year of the first (parliamentary or presidential) elections under the new rules.
- France: During cohabitation France is defined as a semi-presidential system dominated by parliament (= 1), otherwise as a semi-presidential system dominated by president (= 3).
- Switzerland: Switzerland is the only system classified as hybrid, since the collegial executive elected by the legislative does not depend on legislative confidence

Electoral system: single member districts or proportional representation. Coded 0 prop = single-member, simple plurality systems; 1 = modified proportional representation (parallel plurality PR-systems, majority-plurality/alternative vote); 2 = proportional representation (PR).

Period covered: 1960-2015.

Missing: None.

Source: Inter-Parliamentary Union; Ismayr (2003); Lijphart (2012); national sources and constitutions: EJPR Political Data Yearbook (various issues).

Note:

- Changes are entered in the year of the first election under the new electoral rules. 1.
- Countries with generally proportional representation but majority vote in a few districts (e.g. in the Spanish Enclaves Ceuta and Melilla or in the small Swiss cantons with only one representative) are simply counted according to Lijphart (1999) as countries with proportional representation systems.
- The difference between the mixed member proportional formula and the parallel plurality-PR system (semiproportional formula) is that in the parallel system no compensation exists for any disproportionality produced by the single-member district results.

Index of bicameralism according to Lijphart (2012). Coded 1 = unicameralism; 2 = weak bicameralism (asymmetrical and congruent chambers); 3 = medium strength bicameralism (asymmetrical and incongruent or symmetrical and congruent); 4 = strong bicameralism (symmetrical and incongruent).

Period covered: 1960-2015.

Missing: None.

Source: Lijphart (2012), Ismayr (2003), constitutions and European Journal of Political Research, various issues.

Notes:

- 1. The term "incongruent" is used when the second chamber is elected by different methods and has the purpose of overrepresenting certain minorities. The term "symmetrical" refers to equal or moderately unequal constitutional powers and democratic legitimacy.
- 2. Austria and Belgium: In the Austrian Bundesrat and the Belgian Senate, the degree of overrepresentation is so slight that they can almost be regarded as proportionally apportioned chambers. Therefore, they should be classified as congruent with their first chamber (Lijphart 2012: 194).
- 3. Belgium: With the new federal Constitution of 1994, the lower house received more powers relative to the Senate (Art. 74 Cst.). Since the shared competences (Art. 77) are of fundamental importance for the federal state, Belgium is still considered as having medium-strength bicameralism.

bic

- 4. *Iceland* (until 1991) and *Norway* (until 2009): Both are coded as 1.5 (one-and-a-half chambers), because although the legislators are elected as one body, after elections they divide themselves into two chambers (Lijphart 2012: 189).
- 5. *United Kingdom*: The British case is coded as 2.5 (between medium-strength and weak bicameralism) because the upper house is a "relict of a predemocratic era" (Lijhart 2012: 201).

referen Referendum. Coded 0 = None or infrequent, 1 = frequent.

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: Huber et al. (2004); and information from national sources and comparative analyses.

judrev

Judicial review (existence of an independent body which decides whether laws are conform to the constitution). Coded 0 = no, 1 = yes.

Period covered: 1960-2015.

Missing: None.

<u>Source</u>: Huber et al. (2004), Lijphart (2012), Ismayr (2003), constitutions and European Journal of Political Research, various issues.

Note:

- 1. While the a body of judicial review has existed in *Poland* since 1982, until the end of the Small Constitution in 1996, it was subordinate to the parliament (Ziemer/Matthes 2006:236). Therefore, Poland was not considered to have an independent body under the Small Constitution and gets a zero (0) until 1996.
- 2. Romania: The decision of the Constitutional Court can be overruled by the Parliament: Article 145 [Procedure in Cases of Unconstitutionality], Constitution of Romania, 1991: "(1) In cases of unconstitutionality, in accordance with Article 144 (a) and (b), the law or orders shall be returned for reconsideration. If the law is passed again in the same formulation by a majority of at least two-thirds of the members of each chamber, the objection of unconstitutionality shall be overturn, and promulgation thereof shall be binding."

6. Openness of the economy

kaopen

Index for the degree of openness in capital account transactions. The index incorporates a variable indicating the presence of multiple exchange rates, a second variable indicating restrictions on current account transactions, a third variable indicating restrictions on capital account transactions and a fourth variable indicating the requirement of the surrender of export proceeds. The higher the value, the more open a country is to cross-border capital transactions. The index is normalized to a range between 0 (minimal openness) and 1 (maximal openness). Source: Chinn and Ito (2006, 2008); http://web.pdx.edu/~ito/Chinn-Ito_website.htm (Downloaded: 2017-08-14).

Period covered:

AUS	1970-2015	EST	1996-2015	JPN	1970-2015	PRT	1975-2015
AUT	1970-2015	FIN	1970-2015	LVA	1996-2015	ROU	
BEL	1970-2015	FRA	1970-2015	LTU	1996-2015	SVK	1996-2015
BGR	1994-2015	DEU	1970-2015	LUX		SVN	1996-2015
CAN	1970-2015	GRC	1970-2015	MLT	1972-2015	ESP	1977-2015
					1970-2015*		
					1970-2015		
CZE	1996-2015	IRL	1970-2015	NOR	1970-2015	GBR	1970-2015
DNK	1970-2015	ITA	1970-2015	POL	1991-2015	USA	1970-2015

Note:

1. Additional missing values (*): Netherlands 1975-1980.

openc

Openness of the economy, measured as total trade (sum of import and export) as a percentage of GDP, in current prices.

<u>Source</u>: Feenstra, Robert C., Robert Inklaar and Marcel P. Timmer (2015), *Penn World Table Version 8.0*, National Accounts data, http://www.rug.nl/research/ggdc/data/pwt/pwt-9.0 (Downloaded: 2017-08-14). Period covered:

AUS	1960-2014	EST	1992-2014	JPN	1960-2014	PRT	1960-2014
AUT	1960-2014	FIN	1960-2014	LVA	1993-2014	ROU	1990-2014
BEL	1960-2014	FRA	1960-2014	LTU	1992-2014	SVK	1990-2014
BGR	1990-2014	DEU	1960-2014	LUX	1960-2014	SVN	1990-2014
CAN	1960-2014	GRC	1960-2014	MLT	1966-2014	ESP	1960-2014
HRV	2000-2014	HUN	1990-2014	NLD	1960-2014	SWE	1960-2014
CYP	1976-2014	ISL	1960-2014	NZL	1960-2014	CHE	1960-2014
CZE	1990-2014	IRL	1960-2014	NOR	1960-2014	GBR	1960-2014
DNK	1960-2014	ITA	1960-2014	POL	1991-2014	USA	1960-2014

7. Macroeconomic data

Notes on macroeconomic variables:

- 1. Please consider that there may be breaks in series.
- 2. Data from previous releases of data sources (e.g. OECD Economic Outlook) used in case of missing values may be of limited comparability.

outlays

Total outlays (disbursements) of general government as a percentage of GDP. <u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded: 2017-07-04). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were retrieved from Eurostat (<u>GDP and main components</u>) (Downloaded: 2017-07-10).

Period covered:

AUS	1962-2015	EST	1995-2015	JPN	1960-2015	PRT	1977-2015
AUT	1960-2015	FIN	1960-2015	LVA	1995-2015	ROU	1995-2015
BEL	1970-2015	FRA	1963-2015	LTU	1995-2015	SVK	1995-2015
BGR	1995-2015	DEU	1960-2015	LUX	1990-2015	SVN	1995-2015
CAN	1970-2015	GRC	1960-2015	MLT	1995-2015	ESP	1977-2015
HRV	2001-2015	HUN	1991-2015	NLD	1969-2015	SWE	1960-2015
CYP	1995-2015	ISL	1970-2015	NZL	1986-2015	CHE	1990-2015
CZE	1995-2015	IRL	1960-2015	NOR	1960-2015	GBR	1970-2015
DNK	1971-2015	ITA	1960-2015	POL	1995-2015	USA	1960-2015

Notes:

- 1. Disbursements are transactions of providing financial resources. The two counterparties must record the transaction simultaneously.
- 2. Sweden: From 2000 on, the Church of Sweden has been separated from the state. In terms of national accounts, this causes a reclassification of the Church's activities from the public to the private sector. As a consequence, growth in private consumption in 2000 is higher than it would otherwise have been, while conversely, growth in public consumption is lower. (Source: OECD (2010), "OECD Economic Outlook No. 88", Sources and Methods).
- 3. Australia 1962-88, Greece 1960-94 and Ireland 1960-89: Data is taken from OECD (2010), "OECD Economic Outlook No. 88", (Downloaded: 2014-03-21).
- 4. France 1963-77 and Iceland 1970-79: Data is taken from OECD (2008), "OECD Economic Outlook No. 84" (Downloaded: 2013-08-08).

- 5. Germany 1960-90: Data is taken from OECD (2011), "OECD Economic Outlook No. 90" (Downloaded: 2014-03-21).
- Norway 1960-77: Data taken from OECD (2016), "OECD Economic Outlook No. 99" (Downloaded 17-07-2017)
- 7. Hungary 1991-94: Data taken from OECD (2010), "OECD Economic Outlook No. 87" (Downloaded 17-07-2017)

receipts

Total receipts (revenue) of general government as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded: **2017-07-04**). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were retrieved from Eurostat (<u>Government revenue, expenditure and main aggregates</u>) (Downloaded:**2017-07-10**).

Period covered:

AUS	1960-2015	EST	1995-2015	JPN	1960-2015	PRT	1977-2015
AUT	1960-2015	FIN	1960-2015	LVA	1995-2015	ROU	1995-2015
BEL	1970-2015	FRA	1963-2015	LTU	1995-2015	SVK	1995-2015
BGR	1995-2015	DEU	1960-2015	LUX	1990-2015	SVN	1995-2015
CAN	1970-2015	GRC	1960-2015	MLT	1995-2015	ESP	1994-2015
HRV	2001-2015	HUN	1991-2015	NLD	1969-2015	SWE	1960-2015
CYP	1995-2015	ISL	1970-2015	NZL	1986-2015	CHE	1990-2015
CZE	1995-2015	IRL	1960-2015	NOR	1962-2015	GBR	1970-2015
DNK	1971-2015	ITA	1960-2015	POL	1995-2015	USA	1960-2015

Notes:

- 1. Australia 1960-88, Greece 1960-94 and Ireland 1960-89: Data is taken from OECD (2010), "OECD Economic Outlook No. 88", (Downloaded: 2012-10-26).
- 2. Germany 1960-90: Data is taken from OECD (2011), "OECD Economic Outlook No. 90" (Downloaded: 2012-10-26).
- 3. Hungary 1991-94: Data is taken from OECD (2010), "OECD Economic Outlook No. 87" (Downloaded: 2015-03-16).
- 4. France 1960-77: Data is taken from OECD (2014), "OECD Economic Outlkook No. 96" (Downloaded 2015-03-12).
- Iceland 1970-79: Data is taken from OECD (2008), "OECD Economic Outlook No. 84" (Downloaded: 2012-10-26).
- 6. Sweden: See variable 'outlays'.
- Norway 1962-77: Data is taken from OECD (2016), "OECD Economic Outlook No. 99" (Downloaded 2017-07-18).

realgdpgr

Growth of real GDP, percent change from previous year.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded: **2017-07-04**). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were retrieved from AMECO (<u>variable OVGD</u>) (Downloaded: 2017-07-17).

Period covered:

```
JPN 1961-2015
AUS 1961-2015
              EST
                   1994-2015
                                             PRT 1975-2015
                                             ROU 1991-2015
AUT 1961-2015
               FIN
                    1961-2015
                              LVA
                                   1993-2015
BEL 1961-2015
               FRA 1961-2015
                              LTU
                                   1992-2015
                                             SVK 1993-2015
BGR 1992-2015
               DEU 1961-2015
                              LUX
                                   1961-2015
                                             SVN
                                                  1991-2015
CAN 1961-2015
               GRC 1961-2015
                              MLT
                                   1992-2015
                                             ESP
                                                  1977-2015
HRV
    2000-2015
               HUN 1992-2015
                              NLD
                                   1961-2015
                                              SWE 1961-2015
CYP
    1991-2015
               ISL
                    1961-2015
                              NZL
                                   1961-2015
                                              CHE
                                                  1961-2015
CZE 1991-2015
               IRL
                    1961-2015
                              NOR 1961-2015
                                             GBR 1961-2015
DNK 1961-2015 |ITA
                    1961-2015 POL 1991-2015 USA 1961-2015
```

Notes:

- 1. Real GDP refers to the volume of Gross Domestic Product, at constant market prices (variable "GDPV" in the OECD Economic Outlook databases).
- 2. Canada 1961, Denmark 1967-70,, Czech Republic and Slovenia 1991-95, Germany 1961-1991, Greece 1961-1995, Ireland 1961-1990: Data is taken from OECD (2014), "OECD Economic Outlkook No. 96" (Downloaded 2015-03-12).
- 3. Austria 1961-70, Denmark 1961-66, Estonia 1994/95, Slovakia 1993 and Switzerland 1961-65: Data is taken from AMECO (see source above).

nomgdpgr Growth of nominal GDP, percent change from previous year.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded: **2017-07-04**). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were retrieved from AMECO (<u>variable UVGD</u>) (Downloaded: 2017-07-17).

Period covered:

AUS	1961-2015	EST	1994-2015	JPN	1961-2015	PRT	1975-2015
AUT	1961-2015	FIN	1961-2015	LVA	1993-2015	ROU	1990-2015
BEL	1961-2015	FRA	1961-2015	LTU	1992-2015	SVK	1991-2015
BGR	1991-2015	DEU	1961-2015	LUX	1961-2015	SVN	1991-2015
CAN	1961-2015	GRC	1961-2015	MLT	1966-2015	ESP	1961-2015
HRV	2000-2015	HUN	1990-2015	NLD	1961-2015	SWE	1961-2015
CYP	1976-2015	ISL	1961-2015	NZL	1961-2015	CHE	1961-2015
CZE	1991-2015	IRL					
DNK	1961-2015	ITA	1961-2015	POL	1991-2015	USA	1961-2015

Notes:

- 1. Nominal GDP refers to the value of Gross Domestic Product, at current market prices (variable "GDP" in the OECD Economic Outlook databases).
- All OECD countries 1961-1970, Czech Republic and Slovenia 1991-95, Germany 1961-1991, Greece 1961-1995, Ireland 1961-1990: Data is taken from OECD (2014), "OECD Economic Outlkook No. 96" (Downloaded 2015-03-12).
- 3. Austria 1961-70, Denmark 1961-66, Estonia 1994/95, Hungary 1990/-91, and Switzerland 1961-65: Data is taken from AMECO (see source above).

inflation

Growth of harmonised consumer price index (CPI), all items, percent change from previous year; used as a measure for inflation.

<u>Source</u>: OECD (2017), "<u>Key short-term indicators</u>", Main Economic Indicators (database) (Downloaded: 2017-07-10). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were retrieved from AMECO (<u>variable ZCPIH</u>) (Downloaded: 2017-07-10). Period covered:

AUS	1960-2015	EST	1996-2015	JPN	1960-2015	PRT	1975-2015
AUT	1960-2015	FIN	1960-2015	LVA	1997-2015	ROU	1996-2015
BEL	1960-2015	FRA	1960-2015	LTU	1996-2015	SVK	1992-2015
BGR	1998-2015	DEU	1960-2015	LUX	1960-2015	SVN	1990-2015
CAN	1960-2015	GRC	1960-2015	MLT	1997-2015	ESP	1960-2015
HRV	2000-2015	HUN	1990-2015	NLD	1961-2015	SWE	1960-2015
CYP	1997-2015	ISL	1960-2015	NZL	1960-2015	CHE	1960-2015
CZE	1992-2015	IRL	1961-2015	NOR	1960-2015	GBR	1960-2015
DNK	1961-2015	ITA	1960-2015	POL	1991-2015	USA	1960-2015

Notes:

- 1. Denmark 1961-66: Data is taken from OECD (2010), "OECD Economic Outlook No. 86" (Downloaded: 2012-08-24).
- 2. Estonia 1996/97: Data is taken from AMECO (see source above).
- Iceland 1968-75: Data is taken from OECD (2012), "OECD Economic Outlook No. 91" (Downloaded: 2012-08-24).

- Ireland 1961-75: Data is taken from OECD (2010), "OECD Economic Outlook No. 88" (Downloaded: 2012-08-24).
- 5. GBR 1960-87: Estimated values.

debt Gross general government debt (financial liabilities) as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded: 2017-07-04). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania and for Slovenia, data were retrieved from Eurostat (<u>Government deficit/surplus, debt and associated data</u>) (Downloaded: 2017-07-10).

Period covered:

AUS	1989-2015	EST	1995-2015	JPN	1970-2015	PRT	1975-2015
AUT	1970-2015	FIN	1960-2015	LVA	1995-2015	ROU	1995-2015
BEL	1969-2015	FRA	1969-2015	LTU	1995-2015	SVK	1995-2015
BGR	1997-2015	DEU	1960-2015	LUX	1990-2015	SVN	1995-2015
CAN	1961-2015	GRC	1960-2015	MLT	1995-2015	ESP	1977-2015
HRV	2002-2015	HUN	1991-2015	NLD	1960-2015	SWE	1970-2015
CYP	1995-2015	ISL	1980-2015	NZL	1993-2015	CHE	1990-2015
CZE	1995-2015	IRL	1974-2015	NOR	1970-2015	GBR	1961-2015
DNK	1980-2015	ITA	1960-2015	POL	1995-2015	USA	1960-2015

Notes:

- Please consider differences in operationalization between OECD and Eurostat (OECD uses the ESA95 standard, Eurostat ESA2010). Further, there may be breaks in series where older sources are used for some countries (see notes below).
- Austria 1970-94: Data is taken from OECD (2012), "OECD Economic Outlook No. 92" (Downloaded: 2013-05-14).
- 3. Canada 1961-69 and United Kingdom 1961-69: Data is taken from OECD (2010), "OECD Economic Outlook No. 88" (Downloaded: 2012-08-24).
- 4. Finland 1960-74: Data is taken from OECD (1999), "OECD Economic Outlook No. 65" (Downloaded: 2012-08-24).
- 5. Germany 1960-90: Data is taken from OECD (2011), "OECD Economic Outlook No. 90" (Downloaded: 2012-08-24).
- 6. Greece 1960-94, Ireland 1974-96 and Luxembourg 1990-94: Data is taken from OECD (2005), "OECD Economic Outlook No. 78" (Downloaded: 2012-08-24).
- Iceland 1980-97: Data is taken from OECD (2008), "OECD Economic Outlook No. 84" (Downloaded: 2012-08-24).
- Ireland 1997: Data is taken from OECD (2014), "OECD Economic Outlkook No. 96" (Downloaded 2015-03-12).
- 9. Portugal 1975-94 and Spain 1977-79: Data is taken from OECD (2001), "OECD Economic Outlook No. 70" (Downloaded: 2012-08-24).
- 10. Slovenia 1995-2015: Data is taken from Eurostat (see source above).
- 11. Norway 1970-77: Data is taken from OECD (2016), "OECD Economic Outlook No. 99"

debt hist

Gross general government debt (financial liabilities) as a percentage of GDP. The data from the variable "debt" is complemented with historical data from the IMF and, in a few cases, from Reinhart and Rogoff (2009). Missings in the variable debt are extrapolated using these additional sources.

<u>Source</u>: see variable "debt". In addition: Abbas, S.M. Ali, Nazim Belhocine, Asmaa El-Ganainy and Mark Horton (2010) "<u>A Historical Public Debt Database</u>", IMF Working Paper WP/10/245, Washington, DC (Downloaded: 2015-03-16). Reinhart, Carmen M. and Kenneth S. Rogoff (2009) *This Time Is Different. Eight Centuries of Financial Folly*. "<u>Debt-to-GDP Ratios</u>" (Downloaded: 2015-03-16). <u>Period covered</u>: see variable "debt". In addition, missings in the variable "debt" that were filled up with historical sources:

AUS 1960-1988 CZE 1993-1994 LVA 1994 ROU 1990-1994

AUT	1960-1969	DNK	1960-1979	LTU	1994	SVK	1992-1994
BEL	1960-1969	FRA	1960-1968	MLT	1980-1994	SVN	1993-1994
BGR	1990-1969	HUN	1990	NZL	1960-1992	SWE	1960-1969
CAN	1960	IRL	1960-1973	NOR	1960-1969	CHE	1960-1989
HRV	2000-2001	JPN	1960-1970	POL	1991-1994	GBR	1960

Notes:

- 1. Where available, the data is identical to the variable "debt" (see exact sources above).
- 2. Where the variable "debt" was missing, change rates from the IMF historical data were used to extrapolate from the values of the variable "debt". In a few cases, the IMF data contained small gaps. Then, the change rates from the data from Reinhart and Rogoff (2009) were used to interpolate the gaps in the IMF data. The goal of this variable is to preserve the levels of the variable "debt" but maximize the number of observations available.
- 3. Please note that there are partially grave differences in operationalization between the sources used. E.g., the IMF often reported *central* government debt when *general* government debt data was not available. Therefore the researcher should be very careful to consider breaks in the time series.

deficit Annual deficit (overall balance / net lending of general government) as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded:2017-07-04). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were calculated from Eurostat (<u>Government deficit/surplus, debt and associated data</u>) (Downloaded: 2017-07-10).

Period covered:

AUS	1960-2015	EST	1995-2015	JPN	1960-2015	PRT	1977-2015
	1960-2015						
BEL	1970-2015	FRA	1963-2015	LTU	1995-2015	SVK	1995-2015
BGR	1997-2015	DEU	1960-2015	LUX	1990-2015	SVN	1995-2015
CAN	1961-2015	GRC	1960-2015	MLT	1995-2015	ESP	1977-2015
HRV	2002-2015	HUN	1991-2015	NLD	1969-2015	SWE	1960-2015
CYP	1995-2015	ISL	1970-2015	NZL	1986-2015	CHE	1990-2015
CZE	1995-2015	IRL	1960-2015	NOR	1960-2015	GBR	1960-2015
DNK	1971-2015	ITA	1960-2015	POL	1995-2015	USA	1960-2015

Notes:

- Australia 1960-88, Canada 1961-69, France 1963-77, Greece 1960-94, Hungary 1991-94, Ireland 1960-89, Norway 1960/61 and GBR 1960-69: Data is taken from OECD (2009), "OECD Economic Outlook No. 85" (Downloaded: 2015-07-02).
- 2. Germany 1960-90: Data is taken from OECD (2011), "OECD Economic Outlook No. 90" (Downloaded: 2015-07-02).
- 3. Iceland 1970-79: Data is taken from OECD (2008), "OECD Economic Outlook No. 84" (Downloaded: 2015-07-02).

Annual deficit excluding net interest payments (primary balance of general government) as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>", OECD Economic Outlook: Statistics and Projections (database) (Downloaded:2017-07-04). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were calculated from Eurostat (<u>Government deficit/surplus, debt and associated data</u>) (Downloaded: 2017-07-10).

<u>Period covered</u>: See variable 'deficit' Additionally missing: United Kingdom 1960-69.

Notes:

- 1. Australia 1960-88 and France 1963-77: Data is taken from OECD (2009), "OECD Economic Outlook No. 85" (Downloaded: 2012-08-24).
- 2. Canada 1961-69, Greece 1960-94 and Ireland 1960-89: Data is taken from OECD (2010), "OECD Economic Outlook No. 88" (Downloaded: 2012-08-24).
- 3. Germany 1960-90: Data is taken from OECD (2011), "OECD Economic Outlook No. 90" (Downloaded: 2012-08-24).
- 4. Hungary 1991-94: Data is taken from OECD (2010), "OECD Economic Outlook No. 87" (Downloaded: 2012-06-12).
- 5. *Iceland 1970-79*: Data is taken from OECD (2008), "OECD Economic Outlook No. 84" (Downloaded: 2012-08-24).
- Norway 1960/61: Data is taken from OECD (2014), "OECD Economic Outlook No. 96" (Downloaded: 2015-03-12).

capb Cyclically adjusted annual deficit excluding net interest payments (cyclically adjusted primary balance of general government) as a percentage of potential GDP.

<u>Source</u>: OECD (2017), "<u>OECD Economic Outlook No. 101</u>" OECD Economic Outlook: Statistics and Projections (database) (Downloaded: 2017-07-04).

Period covered:

	1971-2015					PRT	1981-2015
AUT	1970-2015	FIN	1977-2015	LVA		ROU	
	1971-2015						
BGR		DEU	1970-2015	LUX	1990-2015	SVN	1999-2015
CAN	1970-2015	GRC	1976-2015	MLT			1979-2015
HRV		HUN	1996-2015	NLD	1971-2015	SWE	1973-2015
CYP		ISL	1980-2015	NZL	1986-2015	CHE	1990-2015
	1997-2015						
DNK	1973-2015	ITA	1970-2015	POL	1996-2015	USA	1967-2015

Notes:

- Australia 1971-87, Austria 1970-84, Greece 1976-94, Ireland 1980-89 and New Zealand 1986: Data is taken from OECD (2010), "OECD Economic Outlook No. 88" (Downloaded: 2015-03-18).
- 2. Australia 1988, Canada 1985, Iceland and Norway 1981-84 and Luxemburg 1996-2005: Data is taken from OECD (2014), "OECD Economic Outlook No. 96" (Downloaded: 2015-03-12).
- 3. Belgium and Netherlands 1971-84, Denmark and Sweden 1973-84, Finland 1977-84, France 1978-84, Germany 1970-90, Iceland and Norway 1980, Italy and US 1970-84, Japan 1971-84, Luxembourg 1990-95, Poland 1996, Portugal 1981-84, New Zealand 1987/88, Spain 1979-84, GBR 1972-79, USA 1967-84: Data is taken from OECD (2011), "OECD Economic Outlook No. 90" (Downloaded: 2012-08-24).

interest

Long-term interest rate on government bonds.

<u>Source</u>: OECD (2017), <u>"OECD Economic Outlook No. 101"</u>, OECD Economic Outlook: Statistics and Projections (database) (Downloaded:2017-07-04). For countries which are not OECD members, namely Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania, data were retrieved from AMECO (<u>variable ILN</u>) (Downloaded: 2017-07-10).

Period covered:

AUS	1970-2015	EST	1998-2010	JPN	1967-2015	PRT	1966-2015	
AUT	1965-2015	FIN	1961-2015	LVA	2001-2015	ROU	2006-2015	
BEL	1960-2015	FRA	1960-2015	LTU	2001-2015	SVK	1996-2015	
BGR	2002-2015	DEU	1960-2015	LUX	1973-2015	SVN	2002-2015	
CAN	1960-2015	GRC	1973-2015	MLT	2000-2015	ESP	1966-2015	
HRV	2006-2015	HUN	1999-2015	NLD	1960-2015	SWE	1960-2015	
CYP	1997-2015	ISL	1992-2015	NZL	1970-2015	CHE	1960-2015	
CZE	2001-2015	IRL	1971-2015	NOR	1962-2015	GBR	1960-2015	
DNK	1960-2015	ITA	1960-2015	POL	1999-2015	USA	1960-2015	

Notes:

- 1. Long-term (in most cases 10 year) government bonds are the instrument whose yield is used as the representative 'interest rate' for this area. Generally, the yield is calculated at the pre-tax level and before deductions for brokerage costs and commissions and is derived from the relationship between the present market value of the bond and that at maturity, also taking into account interest payments paid through to maturity (see OECD, Main Economic Indicators: Sources and Definitions).
- 2. Estonia 1998-2010, Germany 1960-90, Greece 1973-88/92-94, Hungary 1999, Ireland 1971-89, Luxembourg 1973-99, Poland 1999: Data is taken from AMECO (see source above).
- 3. Iceland 1992/93 and Slovenia 2002: Data is taken from OECD (2014), "OECD Economic Outlook No. 96" (Downloaded: 2015-03-12).
- 4. *Greece 1989-91*: Data is taken from Robert J. Franzese Jr. (2002) Macroeconomic Policies of Developed Democracies, http://www-personal.umich.edu/~franzese/book.rjf.cup.data.xls (Downloaded: 2015-04-14).
- 5. Latvia (entire period): Data is taken from OECD (see source above).

curac Current account balance as a percentage of GDP. The current account is a record of a country's international transactions with the rest of the world.

<u>Source</u>: Eurostat (<u>Main Balance of Payments and International Investment Position items as share of GDP</u>) (Downloaded: 2015-07-01). Data for Australia, Canada, Ireland, Japan (1996-2015), New Zealand, Norway, Sweden, Switzerland, United Kingdom and USA were retrieved from OECD (2017), "<u>Key short-term indicators</u>", Main Economic Indicators (database) (Downloaded: 2017-08-14). Period covered:

AUS	1960-2015	EST	1993-2010	JPN	1980-2015	PRT	1995-2013
AUT	1980-2013	FIN	1975-2013	LVA	1993-2013	ROU	1991-2013
BEL	1995-2013	FRA	1994-2013	LTU	1993-2013	SVK	1994-2013
BGR	1991-2013	DEU	1971-2013	LUX	1995-2013	SVN	1994-2013
CAN	1981-2015	GRC	1995-2013	MLT	1995-2013	ESP	1990-2013
HRV	2000-2013	HUN	1993-2013	NLD	1971-2013	SWE	1993-2015
CYP	1995-2013	ISL	1981-2013	NZL	1988-2015	CHE	1972-2015
CZE	1993-2013	IRL	1990-2014	NOR	1981-2015	GBR	1960-2015
DNK	1971-2013	ITA	1980-2013	POL	1994-2013	USA	1960-2015

Notes:

- Ireland 1990-2001, Switzerland 1972-1999 and United Kingdom 1960-1996: Data is taken from a previous release of OECD (2015) "Key short-term indicators", Main Economic Indicators (database) (Downloaded: 2015-07-01).
- 2. Ireland 1990-97 and Switzerland 1972-1979: Estimated values.

8. Labour force data

Notes:

- 1. Please consider that there may be breaks in series.
- Data from previous releases of data sources used in case of missing values may be of limited comparability.

ttl labf Total labour force, in thousands.

<u>Source</u>: OECD (2017), "<u>Labour Force Statistics: Summary tables</u>", OECD Employment and Labour Market Statistics (database) (Downloaded: 2017-07-24). Data for Bulgaria, Croatia, Cyprus, Japan, Latvia, Lithuania, Malta, Poland, Romania, Slovakia and Slovenia were retrieved from AMECO (<u>variable NLTN</u>) (Downloaded: 2017-07-24).

Period covered:

AUS 1960-2014 | EST 1992-2014 | JPN 1960-2015 | PRT 1975-2014

AUT	1960-2014	FIN	1960-2014	LVA	1993-2015	ROU	1995-2015
BEL	1960-2009	FRA	1960-2013	LTU	1995-2015	SVK	1995-2015
BGR	1995-2015	DEU	1960-2014	LUX	1960-2012	SVN	1995-2015
CAN	1960-201	GRC	1960-2010	MLT	1990-2015	ESP	1977-2014
HRV	2000-2015	HUN	1992-2014	NLD	1960-2010	SWE	1960-2010
CYP	1995-2015	ISL	1960-2014	NZL	1960-2014	CHE	1960-2009
CZE	1990-2014	IRL	1960-2014	NOR	1960-2014	GBR	1960-2014
DNK	1960-2011	ITA	1960-2014	POL	1992-2015	USA	1960-2014

Notes:

- 1. Austria 1968-73: Data is taken from a previous release of OECD (2010), "Labour Force Statistics: Summary tables" (Downloaded: 2013-05-14).
- Greece 1977-2010, Sweden 1963-2010, Switzerland 1960-2009: Data is taken from a previous release of OECD (2010), "<u>Labour Force Statistics: Summary tables</u>" (Downloaded: 2012-10-26).
- 3. Iceland 1964-2014: Data is taken from AMECO (see source above).
- 4. Belgium 1999-2009: Estimated values.
- 5. Cyprus 1995/96: Data is taken from a previous realease of AMECO (Downloaded: 2015-06-22).

civ_labf Civilian labour force, in thousands.

Source: OECD (see variable 'ttl_labf').

Period covered:

AUS	1960-2015	EST	1992-2015	JPN	1960-2015	PRT	1975-2015
	1960-2015						
	1960-2015						
	1960-2015						
CYP		ISL	1960-2015	NZL	1960-2015	CHE	1960-2015
CZE	1990-2015	IRL	1960-2015	NOR	1960-2015	GBR	1960-2015
DNK	1960-2015	ITA	1960-2015	POL	1991-2015	USA	1960-2015

emp_civ Civilian employment, in thousands.

<u>Source</u>: OECD (see variable 'ttl_labf'). <u>Period covered</u>: See variable 'civ_labf'.

labfopar

Total labour force as a percentage of population 15-64 (participation rate).

Source: OECD (2017), "Labour Force Statistics: Population and labour force", OECD Employment and Labour Market Statistics (database) (Downloaded: 2017-07-24). Data for Bulgaria, Croatia, Cyprus, Japan, Latvia, Lithuania, Malta, Poland, Romania, Slovakia and Slovenia were retrieved from AMECO (variables NLTN and NPAN) (Downloaded: 2017-07-24).

Period covered:

AUS	1964-2014	EST	1992-2013	JPN	1960-2015	PRT	1975-2013
AUT	1968-2013	FIN	1960-2014	LVA	1993-2015	ROU	1995-2015
BEL	1960-2007	FRA	1960-2013	LTU	1995-2015	SVK	1995-2015
BGR	1995-2015	DEU	1960-2014	LUX	1960-2012	SVN	1995-2015
CAN	1960-2014	GRC	1961-2008*	MLT	1990-2015	ESP	1977-2014
HRV	2001-2015	HUN	1992-2014	NLD	1975-2010	SWE	1963-2010
CYP	1995-2015	ISL	1964-2010	NZL	1960-2014	CHE	1960-2009
CZE	1990-2014	IRL	1960-2014	NOR	1960-2014	GBR	1960-2014
DNK	1960-2011*	ITA	1960-2014	POL	1992-2015	USA	1960-2013

Notes:

1. Austria 1968-73: Data is taken from a previous release of OECD (2010), "Labour Force Statistics: Population and labour force" (Downloaded: 2013-05-14).

- 2. Belgium 2000-2007: Data is taken from OECD (2009), "Belgium", in: OECD, Labour Force Statistics 2009, OECD Publishing (Downloaded: 2013-08-08).
- 3. Greece 1961, 1971, 1977-2008; Iceland 1964-2010; Sweden 1963-2010; Switzerland 1960-2009: Data is taken from a previous release of OECD (2010), "Labour Force Statistics: Population and labour force" (Downloaded: 2012-10-26).
- 4. Cyprus 1995/96: Data is taken from a previous release of AMECO (Downloaded: 2015-06-23).
- 5. Additional missing values (*): Denmark 1961-64, 1966, 1968; Greece 1962-70, 1972-

Civilian employment as percentage of population 15-64. empratio

Source: OECD (see variable 'labfopar').

Period covered:

AUS	1964-2014	EST	1992-2014	JPN	1960-2013	PRT	1975-2013
AUT	1968-2014	FIN	1960-2014	LVA		ROU	
BEL	1960-2014	FRA	1960-2013	LTU		SVK	1994-2013
BGR		DEU	1960-2014	LUX	1960-2014	SVN	1996-2012
CAN	1960-2014	GRC	1961-2012*	MLT		ESP	1977-2014
HRV		HUN	1992-2014	NLD	1975-2013	SWE	1963-2013
CYP		ISL	1964-2014	NZL	1960-2014	CHE	1960-2013
CZE	1990-2014	IRL	1960-2014	NOR	1960-2014*	GBR	1960-2014
DNK	1960-2013*	ITA	1960-2014	POL	1991-2014	USA	1960-2014

Note:

1. Additional missing values: Denmark 1961-64, 1966, 1968; Greece 1962-70, 1972-76; Norway 1971.

emp_ag Civilian employment in agriculture, in thousands.

Source: OECD (see variable 'ttl labf'). Data for Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania are taken from AMECO (variable NET1).

Period covered:

AUS	1960-2015	EST	1992-2015	JPN	1960-2015	PRT	1975-2015
AUT	1960-2015	FIN	1960-2015	LVA	1993-2015	ROU	1990-2015
BEL	1960-2015	FRA	1960-2013	LTU	1992-2015	SVK	1994-2015
BGR	1995-2015	DEU	1960-2015	LUX	1960-2015	SVN	1996-2015
CAN	1960-2015	GRC	1960-2015	MLT	1995-2015	ESP	1977-2015
HRV	2000-2015	HUN	1992-2015	NLD	1960-2015	SWE	1960-2015
CYP	1995-2015	ISL	1960-2015	NZL	1960-2015	CHE	1960-2015
CZE	1990-2015	IRL	1960-2015	NOR	1960-2015	GBR	1960-2015
DNK	19602015*	ITA	1960-2015	POL	1992-2015	USA	1960-2015

Note:

- 1. Switzerland 1986-1989, 1991-2009: Data is taken from a previous release of OECD (2014) "Labour Force Statistics: Summary tables", OECD Employment and Labour Market Statistics (database) (Downloaded: 2015-06-23).
- 2. Denmark 1996-1998, 2002/3, 2006-08 and Netherlands 1996, 1998-2004, 2007: Data is taken from previous release of OECD (2016) "Labour Force Statistics: Summary tables", OECD Employment and Labour Market Statistics (database) (Downloaded: 2016-07-25)

emp_ind Civilian employment in industry, in thousands.

Source: See variable 'emp ag' (AMECO variables NET2, NET4 and NETM). Period covered: See variable 'emp ag'.

Note:

Additional missing values: France 2012/13 and Poland 1992.

- 2. France 1989-2009: Estimated values.
- 3. Switzerland 1986-1989, 1991-1998, 2000-2009: Data is taken from a previous release of OECD (2014) "Labour Force Statistics: Summary tables", OECD Employment and Labour Market Statistics (database) (Downloaded: 2015-06-23).
- Denmark 1995/6, 1998, 2003/4, 2008-11: Data is taken from previous release of OECD (2016) "<u>Labour Force Statistics: Summary tables</u>", OECD Employment and Labour Market Statistics (database) (Downloaded: 2016-07-25)

emp_serv Civilian employment in services, in thousands.

Source: See variable 'emp_ag' (AMECO variable NET5).

Period covered: See variable 'emp_ag'.

Note:

- 1. Additional missing values: France 2012/13, and Poland 1992.
- 2. France 1989-2009: Estimated values.
- 3. Switzerland 1986-1989, 1991-2009: Data is taken from a previous release of OECD (2014) "Labour Force Statistics: Summary tables", OECD Employment and Labour Market Statistics (database) (Downloaded: 2015-06-23).
- 4. Denmark 1995-98, 2002-04, 2006-11 and Netherlands 1996, 2000-04, 2007: Data is taken from previous release of OECD (2016) "Labour Force Statistics: Summary tables", OECD Employment and Labour Market Statistics (database) (Downloaded: 2016-07-25)

emp_un Unemployed, in thousands.

Source: AMECO (Variable NUTN) (Downloaded: 2017-07-24).

Period covered:

AUS	1960-2015	EST	1993-2015	JPN	1960-2015	PRT	1975-2015
AUT	1960-2015	FIN	1960-2015	LVA	1993-2015	ROU	1992-2015
BEL	1960-2015	FRA	1960-2015	LTU	1992-2015	SVK	1995-2015
BGR	1995-2015	DEU	1960-2015	LUX	1960-2015	SVN	1995-2015
CAN	1960-2015	GRC	1960-2015	MLT	1990-2015	ESP	1977-2015
HRV	2000-2015	HUN	1995-2015	NLD	1960-2015	SWE	1960-2015
CYP	1995-2015	ISL	1960-2015	NZL	1960-2015	CHE	1960-2015
CZE	1993-2015	IRL	1960-2015	NOR	1960-2015	GBR	1960-2015
DNK	1960-2015	ITA	1960-2015	POL	1992-2015	USA	1960-2015

Note:

1. Cyprus 1995/96: Data is taken from a previous release of AMECO (Downloaded: 2015-06-23).

unemp

Unemployment rate, percentage of civilian labour force.

Source: AMECO (Variable ZUTN) (Downloaded: 2017-07-24).

Period covered: See variable 'emp un'.

Note:

1. *Cyprus 1995/96:* Data is taken from a previous release of AMECO (Downloaded: 2015-06-23).

9. Industrial disputes and trade unions

Note concerning nld, wi, wdlost and strike:

For notes on variation in comparability and breaks in series, see ILOSTAT Database.

nld Number of industrial disputes (strikes and lockouts).

<u>Source</u>: International Labour Office (ILO). 2016. ILOSTAT Database. http://www.ilo.org/ilostat (Downloaded 2017-07-18). Until 1970 (USA until 1973): Huber et al. (2004).

Period covered:

```
AUS 1960-2015* EST
                    1992-2013* JPN
                                              PRT 1977-2007
                                   1960-2013
AUT 1979-2015*
               FIN
                    1960-2015
                              LVA
                                    2005-2015
                                              ROU 1992-2008
BEL
     1960-2000* FRA
                    1960-2004* LTU
                                    2000-2014*
                                              SVK 1991-2015*
                                    1982-2006*
BGR --
               DEU
                    2009-2015
                               LUX
                                              SVN
                                    1971-2012*
CAN 1960-2015
               GRC
                    1976-1998
                               MLT
                                              ESP
                                                   1971-2015
HRV --
               HUN
                    1991-2015*
                               NLD
                                    1960-2013
                                              SWE
                                                   1960-2013
CYP 1976-2015
               ISL
                               NZL
                                              CHE
                    1971-2004
                                    1960-2012
                                                   1960-2015
CZE 1991-2015*
               IRL
                    1960-2015
                               NOR 1960-2015*
                                              GBR 1960-2015
                    1960-2009 POL 1989-2015 USA 1960-2015
DNK 1960-2015 ITA
```

Note:

- 1. *Luxembourg*: Data is taken from a previous version of the ILO database (ILO Laborsta Internet, http://laborsta.ilo.org/, Downloaded: 2009-10-19).
- 2. Additional missing values (*): Australia 2009-12,2014: Austria 2003/04, 2010-14; Belgium 1981-84, 1986/87; Czech Republic 1997-2008, 2014; Estonia 2002, 2009/10; France 1968; Hungary 2014; Lithuania 2009-11, 2013; Luxembourg 1994-2005; Malta 1981-86, 1999, 2010; Norway 2009-12, 2014; Slovakia 1996, 2012/13.

wi Workers involved in labour disputes, in thousands.

Source: See variable 'nld'.

Period covered: See variable 'nld', except Austria 1960-1978, 2003/04, 2011-14; Germany 1960-2008; Portugal 2014. Additional missing values: Czech Republic 2013; Estonia 2004, 2013; Finland 2009/10; Hungary 2011, 2013, 2015; Lithuania 2014; New Zealand 2008; Poland 2014/15; Portugal 1978; Switzerland 2015.

Note:

 Germany 1971-92; Ireland and Netherlands 2009-13: Data is taken from a previous version of the ILO database (ILOSTAT Database, http://www.ilo.org/ilostat, Downloaded: 2015-06-24).

wdlost

Working days lost (due to strikes and lockouts), in thousands. <u>Source</u>: See variable 'nld'.

Period covered: See variable 'nld', except Austria 1960-2013, 2015; Belgium 2001-08, 2014/15; France 2005-10, 2014; Germany 1960-2008, Latvia 1997-2004; Poland 1987/88; Romania 1990/91. Additional missing values: Czech Republic 2013, 2015; Estonia 2004, 2012/13; Finland 2009/10; Hungary 2008-11, 2013, 2015; New Zealand 2008; Italy 2009; Latvia 2014; Portugal 1978, 1981.

Note:

- 1. *Luxembourg*: Data is taken from a previous version of the ILO database (ILO Laborsta Internet, http://laborsta.ilo.org/, Downloaded: 2009-10-19).
- 2. *Germany 1971-92:* Data is taken from a previous version of the ILO database (ILOSTAT Database, http://www.ilo.org/ilostat, Downloaded: 2015-06-24).

strike

Index of strike activity: working days lost per 1000 workers. Calculation: (wdlost*1000)/ttl_labf.

<u>Source</u>: Own calculations (see variables 'wdlost' and 'ttl_labf'). <u>Period covered</u>:

```
AUS 1960-2013* EST
                   1992-2011* JPN 1960-2013
                                             PRT 1977-2007*
                    1960-2014* LVA
AUT 1960-2013
               FIN
                                   1997-2015*
                                             ROU 1995-2008
              FRA 1960-2010* LTU
                                   2000-2014*
    1960-2008*
                                             SVK
BEL
                                                  1995-2012*
                              LUX
                                   1982-2006*
                                             SVN
BGR --
               DEU 1960-2014
CAN 1960-2014 |GRC 1976-1998 |MLT 1990-2012* |ESP 1977-2014
```

HRV		HUN	1992-2012*	NLD	1960-2010	SWE	1960-2010
CYP	1995-2015	ISL	1971-2004	NZL	1960-2012*	CHE	1960-2009
CZE	1991-2012*	IRL	1960-2014	NOR	1960-2013*	GBR	1960-2014
DNK	1960-2011	ITA	1960-2008	POL	1992-2015	USA	1960-2014

Note:

- 1. Ideally, the lost working days are set in relation to the dependent labour force (persons employed), so the labour force should be adjusted to unemployed and self-employed persons. Due to limited availability of data on civilian employment, we use the total labour force in the denominator, though. With a few exceptions for most recent years, data on total labour force is available for all countries and years. Using the available data on civilian employment, the correlation between the measure based on civilian employment and the measure based on total labour force is 0.99.
- Additional missing values (*): Australia 2009-12; Belgium 1981-84, 1986/87; Czech Republic 1997-2008; Estonia 2002, 2004, 2009/10; Finland 2009/10; France 1968; Hungary 2008-11; Latvia 2014; Lithuania 2009-11, 2013; Luxembourg 1994-2005; Malta 1999, 2010; New Zealand 2008; Norway 2009-12; Portugal 1978, 1981; Slovakia 1996.

grossu Total reported union members, in thousands.

<u>Source</u>: Visser (2016), ICTWSS: Database on Institutional Characteristics of Trade Unions, Wage Setting, State Intervention and Social Pacts in 51 countries between 1960 and 2014. Version 5.1 (ICTWSS Database, http://www.uva-aias.net/en/ictwss, Downloaded: 2017-07-11, variable 'TUM').

Period covered:

```
AUS 1960-2013 EST
                   1992-2012* JPN 1960-2013* PRT 1978-2012*
AUT 1960-2013
              FIN
                    1960-2013
                             LVA 1995-2012* ROU 1991-2012*
              FRA 1960-2013
                                  1995-2008*
BEL 1960-2013
                             LTU
                                            SVK 1990-2013*
                                             SVN 1991-2011*
BGR 1990-2012* DEU 1960-2013
                             LUX 1970-2012*
CAN 1960-2012
              GRC 1977-2011* MLT 1971-2012
                                             ESP 1977-2012
HRV 2000-2012* HUN 1990-2012* NLD 1960-2014
                                             SWE 1960-2012
CYP 1976-2013* ISL
                    1979-2013*
                             NZL 1970-2013
                                             CHE 1960-2013
CZE 1990-2013
              IRL
                    1960-2013
                             NOR 1960-2013
                                             GBR 1960-2013
DNK 1960-2013 |ITA
                    1960-2013 POL 1991-2012* USA 1960-2010
```

Notes:

netu

- 1. Countries marked with an asterisk (*) contain additional missing values.
- 2. For detailed information about data sources and breaks in series, see Visser (2016).
- 3. *USA1981-2010*: data taken from Visser (2011).
- 4. Bulgaria 2009; Greece 2007; Hungary 1999/2000, 2002, 2004, 2006; Japan 2009 and Poland 2001/02, 2004: data taken from Visser (2013).

Net union membership (gross minus independent workers, students, unemployed or retired members), in thousands.

Source: Visser (2016), Version 5.1 (variable 'NUM').

Period covered:

AUS	1960-2009	EST	1992-2012*	JPN	1960-2013	PRT	1978-2012
AUT	1960-2013	FIN	1960-2013	LVA	1995-2012*	ROU	1991-2012*
BEL	1960-2013	FRA	1960-2013	LTU	1995-2012*	SVK	1993-2013
BGR	1990-2012*	DEU	1960-2013	LUX	1970-2012	SVN	1991-2013
CAN	1960-2013	GRC	1977-2013*	MLT	1971-2012	ESP	1977-2013
HRV	2000-2012*	HUN	1990-2013*	NLD	1960-2013	SWE	1960-2012
CYP	1990-2013*	ISL	1979-2013	NZL	1970-2013	CHE	1960-2013
CZE	1993-2013	IRL	1960-2013	NOR	1960-2013	GBR	1960-2012
DNK	1960-2013	ITA	1960-2013	POL	1991-2012	USA	1960-2010

Notes:

1. Countries marked with an asterisk (*) contain additional missing values.

- 2. For detailed information about data sources and breaks in series, see Visser (2015)
- 3. Australia 1997-2009; Luxembourg 1982-86, 1988-92, 1994-96, 1999-2002; USA1981-2010: data taken from Visser (2011).
- Bulgaria 2006; Cyprus 1997; Greece 1978/79, 1981/82, 1986-1989, 1993/94, 1996/97, 1999/2000, 2002/2003, 2007; Hungary 1996/97, 1999/2000, 2002, 2004, 2006; Iceland 1981/82, 1984, 1986-1990 and Latvia 2004/05: data taken from Visser (2013).

ud Net union membership as a proportion wage and salary earners in employment (union density).

Source: Visser (2016), Version 5.1 (variable 'UD').

Period covered:

AUS	1960-2009	EST	1992-2012*	JPN	1960-2013	PRT	1978-2012
AUT	1960-2013	FIN	1960-2013	LVA	1995-2012*	ROU	1991-2012*
BEL	1960-2013	FRA	1960-2013	LTU	1995-2012*	SVK	1993-2013
BGR	1990-2012*	DEU	1960-2013	LUX	1970-2012	SVN	1990-2013
CAN	1960-2013	GRC	1977-2013*	MLT	1983-2012	ESP	1977-2013
HRV	2000-2012*	HUN	1990-2012*	NLD	1960-2013	SWE	1960-2012
CYP	1990-2013*	ISL	1979-2013	NZL	1970-2013	CHE	1960-2013
CZE	1993-2013	IRL			1960-2013		
DNK	1960-2013	ITA	1960-2013	POL	1991-2012	USA	1960-2010

Notes:

- 1. Countries marked with an asterisk (*) contain additional missing values.
- 2. For detailed information about data sources and breaks in series, see Visser (2015).
- 3. Australia 1997-2009; Luxembourg 1982-86, 1988-92, 1994-96, 1999-2002; USA1981-2010: data taken from Visser (2011).
- Bulgaria 2006; Greece 1978/79, 1981/82, 1984, 1986-1989, 1991, 1993/94, 1996/97, 1999/2000, 2002/03, 2007; Hungary 1996/97, 1999/2000, 2002, 2004, 2006; Iceland 1981/82, 1986-1990; Latvia 2004/05 and Poland 2008, 2010: data taken from Visser (2013).

adjcov

Bargaining (or union) coverage, adjusted. Visser (2015: 23) defines it in the following way: "[E]mployees covered by collective (wage) bargaining agreements as a proportion of all wage and salary earners in employment with the right to bargaining, expressed as percentage, adjusted for the possibility that some sectors or occupations are excluded from the right to bargain = WCB*100/(WSEE-WStat)."

Source: Visser (2016), Version 5.1 (variable 'AdjCov').

Period covered:

```
AUS 1960-2012* | EST 2001-2012* | JPN 1960-2013* | PRT 1978-2014*
                    1960-2014* LVA
                                    2002-2013* ROU 2005-2013
AUT 1960-2013* FIN
BEL 1960-2013* FRA 1960-2012* LTU
                                   1998-2012* SVK 2000-2013*
BGR 2003-2012* DEU 1960-2013* LUX 1970-2012*
                                              SVN 1990-2013
               GRC 1985-2013* MLT
                                   1990-2012*
CAN 1960-2013
                                              ESP 1977-2013*
               HUN 1992-2013*
                              NLD 1960-2013*
HRV 2009
                                              SWE 1960-2013*
                    1980-2013*
CYP
     2002-2013*
               ISL
                              NZL 1971-2011*
                                              CHE 1960-2013*
                    2000-2010*
                              NOR 1960-2013*
     1990-2013
               IRL
                                              GBR 1960-2013*
CZE
DNK 1960-2013* ITA
                    1960-2010* POL 2001-2012* USA 1960-2013
```

Notes:

- 1. Countries marked with an asterisk (*) contain additional missing values.
- 2. For detailed information about data sources and breaks in series, see Visser (2015).
- 3. *Iceland 1980, 1983, 1985, 1989; Ireland 2010 and Lithuania 1998:* data taken from Visser (2013).

grossu_ipol Linear interpolation of variable 'grossu' Source: See variable 'grossu'

Period covered: See variable 'grossu'

netu_ipol Linear interpolation of variable 'netu'

Source: See variable 'netu

Period covered: See variable 'netu'

ud_ipol Linear interpolation of variable 'ud'

Source: See variable 'ud'

Period covered: See variable 'ud'

adjcov_ipol Linear interpolation of variable 'adjcov'

Source: See variable 'adjcov'

Period covered: See variable 'adjcov'

10. Public social expenditure and revenue data

Notes on socexp_t_pmp and onwards:

- 1. Please note that the Eurostat data for the countries not covered by the OECD does not include mandatory private expenditure. Furthermore, there may be differences in the classification of government functions between the two sources.
- 2. Please consider that there may be breaks in series.

sstran

Social security transfers as a percentage of GDP. Social assistance grants and welfare benefits paid by general government (benefits for sickness, old-age, family allowances, etc.).

<u>Source</u>: OECD (2017), "<u>National Accounts at a Glance</u>: National Accounts at a <u>Glance</u>", OECD National Accounts Statistics (database) (Downloaded: 2017-07-11). Data for Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania (not covered by the OECD) is taken from AMECO (<u>Variable UYTGH</u>) (Downloaded: 2017-07-11).

Period covered:

AUS	1960-2015	EST	1995-2015	JPN	1960-2015	PRT	1975-2015
AUT	1960-2015	FIN	1960-2015	LVA	1995-2015	ROU	1995-2015
BEL	1960-2015	FRA	1960-2015	LTU	1995-2015	SVK	1995-2015
BGR	1995-2015	DEU	1960-2015	LUX	1960-2015*	SVN	1995-2015
CAN	1960-2015	GRC	1960-2015*	MLT	1995-2015	ESP	1977-2015
HRV	2001-2015	HUN	1995-2015	NLD	1960-2015	SWE	1960-2015
CYP	1995-2015	ISL	1960-2015*	NZL	1960-2015*	CHE	1960-2015
CZE	1995-2015	IRL	1960-2015	NOR	1960-2015	GBR	1960-2015
DNK	1960-2015	ITA	1960-2015	POL	1995-2015	USA	1960-2015

Notes:

- 1. Please consider that there may be breaks in series and that the data of the different sources may be of limited comparability.
- 2. *Until 1969* (all countries) and *New Zealand 1970-82*: Data is taken from OECD Historical Statistics, various years.
- 3. Austria 1970-75; Belgium and Japan 1970-84; Denmark, Ireland, Switzerland and GBR 1970-89; Finland 1970-74; France 1970-77; Germany 1970-90; Greece, Iceland and Norway 1970-94; Portugal 1975-94; Spain 1977-94; Italy 1970-79; Luxembourg 1970-86; Sweden 1970-92: Data is taken from OECD, National Accounts Statistics, Historical Statistics Structure or composition of certain economic aggregates, Vol. 2002, release 01 (Downloaded: 2006-08-21).
- 4. *Japan 1985-93*: Data is taken from a previous release of the OECD National Accounts Statistics database (Downloaded: 2011-04-14).
- 5. Canada 1970-80: Data is taken from a previous release of the OECD National Accounts Statistics database (Downloaded: 2013-08-08).

- 6. Austria 1976-94; Belgium 1985-94; Denmark, Ireland, Luxembourg and Switzerland 1990-94; Germany 1991-94; Iceland 1995-1997; Italy 1980-94; Netherlands 1970-94; Sweden 1993/94: Data is taken from a previous release of the OECD National Accounts Statistics database (Downloaded: 2014-07-29).
- 7. *Japan 1994-2004:* Data is taken from previous release of the OECD National Accounts Statistics database (Downloaded 2016-07-26).
- 8. Additional missing values (*): Greece, ; Iceland 1961-67, 1969; Luxembourg 1987-89; New Zealand 1983-85.

socexp_t_pmp

Total public and mandatory private social expenditure as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>Social Expenditure</u>: <u>Aggregated data</u>", OECD Social Expenditure Statistics (database) (Downloaded: 2017-07-11). Data for Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania (not covered by the OECD) is taken from Eurostat (<u>Social protection expenditure – Tables by functions</u>) (Downloaded: 2017-07-11) and does *not* include mandatory private expenditure.

Period covered:

```
AUS 1980-2014 EST
                   1999-2013
                             JPN
                                  1980-2013
                                            PRT 1980-2013
                                            ROU 2000-2014
AUT 1980-2013* FIN
                    1980-2013
                             LVA
                                  1997-2015
BEL 1980-2013
              FRA 1980-2013
                             LTU
                                            SVK 1995-2013
                                  1996-2015
BGR 2005-2014
              DEU 1980-2013
                             LUX
                                  1980-2013
                                            SVN 1990-2013
              GRC 1980-2012
CAN 1980-2014
                             MLT
                                            ESP 1980-2013
                                  1995-2014
HRV 2008-2014
              HUN 1999-2013
                             NLD
                                  1980-2013
                                            SWE 1980-2013
CYP 2000-2014
              ISL
                    1990-2013
                             NZL
                                  1980-2014
                                            CHE 1980-2013
CZE 1990-2013
              IRL
                             NOR 1980-2013*
                                            GBR 1980-2013
                    1980-2013
DNK 1980-2013 ITA
                    1980-2013 POL 1991-2012 USA 1980-2013
```

Notes:

- Please note that the Eurostat data for the countries not covered by the OECD does not include mandatory private expenditure. Furthermore, there may be differences in the classification of government functions between the two sources.
- 2. Norway 1981-84, 1986/87: Classified as missing values due to incomplete data.
- 3. Additional missing values (*): Austria 1981-84, 86-89; Norway 1981-84, 86/87.

socexp_c_pmp

Public and mandatory private social expenditure in cash as a percentage of GDP.

<u>Source</u>: See variable 'socexp_t_pmp'.

Period covered: See variable 'socexp t pmp'.

socexp_k_pmp

Public and mandatory private social expenditure in kind as a percentage of GDP.

<u>Source</u>: See variable 'socexp_t_pmp'.

Period covered: See variable 'socexp t pmp'.

oldage_pmp

Total public and mandatory private expenditure on old age as a percentage of GDP.

Source: See variable 'socexp_t_pmp'.

<u>Period covered</u>: See variable 'socexp_t_pmp'.

survivor_pmp

Total public and mandatory private survivor benefits as a percentage of GDP.

Source: See variable 'socexp t pmp'.

Period covered: See variable 'socexp t pmp'.

incapben_pmp

Total incapacity-related benefits (public and mandatory private) as a percentage of GDP.

Source: See variable 'socexp_t_pmp'.

Period covered: See variable 'socexp t pmp'.

health_pmp

Total public and mandatory private expenditure on health as a percentage of GDP.

Source: See variable 'socexp t pmp'.

<u>Period covered</u>: See variable 'socexp_t_pmp'. Additional data: Austria 1981-84, 86-89; Hungary 1991-98; Iceland 1980-89; Slovenia 1995.

family_pmp

Total public and mandatory private expenditure for families as a percentage of GDP.

Source: See variable 'socexp_t_pmp'.

<u>Period covered</u>: See variable 'socexp_t_pmp'.

almp_pmp

Total public and mandatory private expenditure on active labour market programmes as a percentage of GDP.

Source: See variable 'socexp_t_pmp'.

Period covered:

	1985-2014					PRT	1986-2013
AUT	1985-2013	FIN	1980-2013	LVA		ROU	
BEL	1985-2013	FRA	1985-2013	LTU		SVK	1991-2013
BGR		DEU	1985-2013	LUX	1980-2013	SVN	2003-2013
CAN	1985-2014	GRC	1985-2012	MLT		ESP	1980-2013
HRV		HUN	1992-2013	NLD	1980-2013	SWE	1985-2013
CYP		ISL	1990-2013	NZL	1980-2014	CHE	1985-2013
CZE	1991-2013	IRL	1985-2013	NOR	1985-2013	GBR	1980-2013
DNK	1986-2013	ITA	1990-2013	POL	1991-2012	USA	1985-2013

Notes:

- 1. For non-members of the OECD (Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania), Eurostat includes data on some components of active labour market programmes under the function "unemployment expenditure" (variable 'unemp_pmp'). In order to avoid double inclusion of data on active labour market policies, these countries are coded get missing values. We provide more detailed data on active labour market policies from a different Eurostat source in the section "Labour market policy", however.
- 2. *USA 1985:* Data is taken from previous release of the OECD Social Expenditure Statistics database (Downloaded: 2016-07-28).

unemp_pmp

Cash expenditure for unemployment benefits as a percentage of GDP (public and mandatory private).

Source: See variable 'socexp t pmp'.

Period covered: See variable 'socexp_t_pmp'. Additional data: Hungary 1992-98; Norway 1986/87. Additional missing values: Czech Republic 1990; Estonia 1999; France and Ireland 1980-84.

Notes:

- For non-members of the OECD (Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania), we used Eurostat data. However, these Eurostat data on unemployment benefits also include some components of active labour market programmes. For all other countries (covered by the OECD), data on active labour market programmes are included separately in the variable 'almp pmp'.
- Denmark & Italy: Data is taken from OECD (2016), "Social Expenditure: Aggregated data"

housing_pmp Total public and mandatory private expenditure on housing as a percentage of GDP.

Source: See variable 'socexp_t_pmp'.

Period covered: See variable 'socexp_t_pmp'. Additional missing values:

Belgium 1980-99; Czech Republic 1990-93.

othsocx_pmp Public and mandatory private expenditure on other social policy areas as a percentage of GDP.

Source: See variable 'socexp_t_pmp'.

Period covered: See variable 'socexp_t_pmp'. Additional missing values:

Denmark 1980-82; France 1980-88, Slovenia 1995.

11. Family policy

Notes on fallow_pmp and onwards:

1. Please consider that there may be breaks in series.

fallow_pmp

Total public and mandatory private cash benefits for family allowances as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>Social Expenditure: Aggregated data</u>", OECD Social Expenditure Statistics (database) (Downloaded: 2017-07-12).

Period covered:

	1980-2014						
AUT	1980-2013*	FIN	1980-2013	LVA		ROU	
BEL	1980-2013	FRA	1980-2013	LTU		SVK	1995-2013
BGR		DEU	1980-2013	LUX	1980-2013	SVN	1996-2013
CAN	1980-2014						1980-2013
HRV		HUN	1999-2013	NLD	1980-2013	SWE	1980-2013
CYP		ISL	1990-2013	NZL	1980-2014	CHE	1980-2013
CZE	1990-2011	IRL	1980-2013	NOR	1980-2013*	GBR	1980-2013
DNK	1980-2013	ITA	1980-2013	POL	1991-2012	USA	1980-2013

Notes:

- 1. Norway 1981-84, 1986/87: Classified as missing values due to incomplete data.
- 2. Additional missing values (*): Austria 1981-84, 86-89.

mpleave_pmp

Total public and mandatory private cash benefits for maternal and parental leave as a percentage of GDP.

Source: See variable 'fallow_pmp'.

<u>Period covered</u>: See variable 'fallow_pmp'. Additional missing values: Australia 1980-94; USA entirely.

othfam_c_pmp

Other public and mandatory private cash benefits as a percentage of GDP. Source: See variable 'fallow pmp'.

<u>Period covered</u>: See variable 'fallow_pmp', except Austria 1981-84, 86-89. Additional missing values: Belgium, Luxembourg and Switzerland 1980-89; Canada, and USA entirely; Denmarkt 1980-2006.

Note:

1. Sweden 1980-92: Data is taken from a previous release of the OECD Social Expenditure Statistics database (Downloaded: 2016-07-29).

childcare_pmp

Total public and mandatory private social expenditure for childcare and early educational services as a percentage of GDP (benefits in kind).

Source: See variable 'fallow pmp'.

<u>Period covered</u>: See variable 'fallow_pmp'. Additional missing values: Canada and USA 1980-90; Greece and Switzerland 1980-89; United Kingdom 1980-95.

Note:

1. *Netherlands 1980-97*: Data is taken from a previous release of the OECD Social Expenditure Statistics database (Downloaded: 2016-07-29).

homehelp_pmp

Total public and mandatory private social expenditure for home-help and accommodation services to families with children as a percentage of GDP (benefits in kind).

Source: See variable 'fallow_pmp'.

<u>Period covered</u>: See variable 'fallow_pmp'. Additional missing values: Australia, Germany, Greece, Hungary, New Zealand, Switzerland and USA entirely; Canada 2013/14; Luxembourg 1980-89; Italy 1990-2013; Poland 1991-2003; Portugal 1980-89, 2002-13.

Note:

1. Canada 1991-2012: Data is taken from a previous release of the OECD Social Expenditure Statistics database (Downloaded: 2016-07-29).

othfam_k_pmp

Other public and mandatory private benefits in kind as a percentage of GDP.

Source: See variable 'fallow pmp'.

<u>Period covered</u>: See variable 'fallow_pmp'. Additional missing values: Canada and Netherlands entirely; Czech Republic 1990-94; Luxembourg 1980-2000; Poland 1991-2003; Switzerland 1980-2007.

12. Labour market policy

Notes on servadmi_pmp and onwards:

- 1. Please consider that there may be breaks in series.
- 2. For more detailed definitions on the coverage and classification of labour market programmes, see the <u>OECD classification</u>.

servadmi_pmp

Public and mandatory private employment services and administration as a percentage of GDP.

<u>Source</u>: OECD (2017), "<u>Social Expenditure: Aggregated data</u>", OECD Social Expenditure Statistics (database) (Downloaded: 2017-07-12). Data for Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania is taken from Eurostat (<u>Public expenditure on labour market policy (LMP) interventions</u>) (Downloaded: 2017-07-12) and does not include mandatory private expenditure.

Period covered:

					1990-2014		
					2003-2015		
					2003-2015		
					1980-2013		
					2006-2014		
HRV	2012-2015	HUN	1992-2013	NLD	1980-2013	SWE	1985-2013

CYP	2006-2015	ISL	1990-2013	NZL	1980-2014	CHE	1985-2013
CZE	1991-2013	IRL	1985-2013	NOR	1985-2013	GBR	1980-2011
DNK	1980-2013	ITA	1998-2013	POL	1992-2012	USA	1985-2013

Note:

USA 1985: Data is taken from a previous release of the OECD Social Expenditure Statistics database (Downloaded: 2016-07-29).

training_pmp

Public and mandatory private expenditure on labour market training as a percentage of GDP.

Source: See variable 'servadmi_pmp'.

Period covered:

```
AUS 1985-2014 EST 2003-2013 JPN 1990-2014 PRT 1986-2013 AUT 1985-2013 FIN 1980-2013 LVA 2003-2015 ROU 2003-2015 BEL 1985-2013 FRA 1985-2012 LTU 2003-2015 SVK 1991-2013 BGR 2004-2015 DEU 1985-2013 LUX 1980-2013 SVN 2003-2013 CAN 1980-2014 GRC 1985-2012 MLT 2006-2014 ESP 1980-2012 HRV 2012-2015 HUN 1992-2013 NLD 1980-2013 SWE 1985-2013 CYP 2006-2015 ISL 1990-2008 NZL 1980-2014 CHE 1985-2013 CZE 1991-2013 IRL 1985-2013 NOR 1985-2013 GBR 1980-2011 DNK 1986-2013 ITA 1990-2013 POL 1991-2012 USA 1985-2012
```

Note:

1. *USA 1985 and New Zealand 1980-2001:* Data is taken from OECD (2016), "Social Expenditure: Aggregated data".

jobrot pmp

Public and mandatory private expenditure on job rotation and job sharing as a percentage of GDP.

Source: See variable 'servadmi pmp'.

Period covered:

AUS		EST		JPN		PRT	
AUT	1985-2013	FIN	1980-1997	LVA		ROU	
BEL	1985-2013	FRA		LTU		SVK	1991-2003
BGR		DEU		LUX	1980-2013	SVN	
CAN	1985-2014	GRC	1998-2012	MLT		ESP	1980-2012
HRV		HUN	1992-2013	NLD	1980-1997	SWE	1996-1997
CYP		ISL		NZL		CHE	
CZE	1991-2001	IRL	1985-1997	NOR	1985-1997	GBR	1980-2011
DNK	1994-1997	ITA	1990-1997	POL	1991-2004	USA	1985-2013

Note:

1. *USA 1985*: Data is taken from OECD (2016), "Social Expenditure: Aggregated data".

incent_pmp

Public and mandatory private expenditure on employment incentives (recruitment and employment maintenance incentives) as a percentage of GDP.

<u>Source</u>: See variable 'servadmi_pmp'.

<u>Period covered</u>: See variable 'servadmi_pmp'. Additional data: Italy 1990-97; Poland 1990/91. Additional missing values: Denmark 1980-93; Iceland entirely.

```
AUS 1985-2014 | EST 2003-2013 | JPN 1990-2014 | PRT 1986-2013 | AUT 1985-2013 | FIN 1980-2013 | LVA 2003-2015 | ROU 2003-2015
```

BEL	1985-2013	FRA	1985-2012	LTU	2003-2015	SVK	1991-2013
BGR	2004-2015	DEU	1985-2013	LUX	1980-2013	SVN	2003-2013
CAN	1985-2014	GRC	1985-2012	MLT	2006-2014	ESP	1980-2012
HRV	2012-2015	HUN	1992-2013	NLD	1980-2013	SWE	1985-2013
	2006-2015						
CZE	1991-2013	IRL	1985-2013	NOR	1985-2013	GBR	1980-2011
DNK	1994-2013	ITA	1990-2013	POL	1991-2012	USA	1985-2013

Note:

1. *USA 1985:* Data is taken from OECD (2016), "Social Expenditure: Aggregated data".

disabled_pmp

Public and mandatory private expenditure on supported employment and (vocational) rehabilitation of persons with a reduced working capacity as a percentage of GDP.

Source: See variable 'servadmi_pmp'.

_				
ப	erio	$d \sim c$	ובעור	·DA:
	CITO	uu	,,,	cu.

		1985-2014						
,	AUT	1985-2013	FIN	1980-2013	LVA	2006-2015*	ROU	
	BEL	1985-2013	FRA	1985-2012	LTU	2005-2015	SVK	1991-2013
	BGR		DEU	1985-2013	LUX	1980-2013	SVN	2003-2013
		1985-2014						
	HRV	2012-2015	HUN	1992-2002	NLD	1980-2013	SWE	1985-2013
		2006-2015						
(CZE	1991-2013	IRL	1985-2013	NOR	1985-2013	GBR	1980-2011
	DNK	1980-2013	ITA	1990-2013	POL	1992-2012	USA	1985-2012
1	CAN HRV CYP CZE	1985-2014 2012-2015 2006-2015 1991-2013	GRC HUN ISL IRL	1985-2012* 1992-2002 1985-2013	MLT NLD NZL NOR	2014 1980-2013 1980-2014 1985-2013	ES SV CH GE	P VE HE 3R

Note:

1. *USA 1985:* Data is taken from OECD (2016), "<u>Social Expenditure: Aggregated data</u>".

jobcrea_pmp

Public and private mandatory expenditure on direct job creation (usually in the public or non-profit sector) as a percentage of GDP.

Source: See variable 'servadmi_pmp'.

<u>Period covered</u>: See variable 'servadmi_pmp'. Additional data: Italy 1990-97. Additional missing values: Cyprus and Iceland entirely.

startup_pmp

Public and mandatory private support of unemployed persons (or closely-related groups) starting enterprises or becoming self-employed as a percentage of GDP.

Source: See variable 'servadmi pmp'.

<u>Period covered</u>: See variable 'servadmi_pmp'. Additional data: Italy 1990-97. Additional missing values: Denmark 1980-85; Iceland entirely; Latvia 2003/04; Lithuania 2007-11; Malta 2010; Netherlands 1998-2013; Norway 1985-94; Switzerland 1985-93.

compen_pmp

Public and mandatory private unemployment compensation and severance pay (in cash) as a percentage of GDP.

Source: See variable 'servadmi_pmp'.

Period covered:

AUS 1980-2014* EST 1999-2013 JPN 1980-2014 PRT 1980-2013

AUT	1980-2013	FIN	1980-2013	LVA	2003-2015	ROU	2003-2015
BEL	1980-2013	FRA	1985-2013	LTU	2003-2015	SVK	1995-2013
BGR	2004-2015	DEU	1980-2013	LUX	1980-2013	SVN	1996-2014
CAN	1980-2014	GRC	1980-2012	MLT	2006-2014	ESP	1980-2013
HRV	2012-2015	HUN	1992-2013	NLD	1980-2013	SWE	1980-2013
CYP	2006-2015	ISL	1990-2013	NZL	1980-2014	CHE	1980-2013
					1980-2013*		
DNK	1980-2011	ITA	1980-2011	POL	1991-2012	USA	1980-2013

Note:

Denmark and Italy: Data is taken from OECD (2016), "Social Expenditure: Aggregated data"

earretir_pmp

Public and private mandatory expenditure (in cash) on early retirement for labour market reasons as a percentage of GDP.

Source: See variable 'servadmi_pmp'.

Period covered: See variable 'servadmi_pmp'. Additional data: Belgium and Switzerland 1980-84; Austria 1980; France 2013; Italy 1980-97; Slovenia 1996-2002; Spain 2013; Sweden 1981-84. Additional missing values: Australia 1985-2002, 2011-14; Austria 1986-89; Bulgaria, Croatia, Cyprus, Estonia, Greece, Iceland, Ireland, Japan, Latvia, Malta, Netherlands, New Zealand, Romania and USA entirely; Canada 1985-92; Czech Republic 1991-94, 2010-13; Denmark 2012/13; Lithuania 2007-15; Norway 1985-93; Poland 1997-99; Portugal 1986-89, 1999-2013; Slovakia 1991-94; Sweden 1993-96.

Note:

1. Denmark: Data is taken from OECD (2016), "Social Expenditure: Aggregated data"

emprot_reg

Employment protection strictness provided through legislation and as a result of enforcement processes (scale of 0-6; higher values indicate stricter employment protection). This indicator measures the strictness of regulation of individual dismissal of employees on regular/indefinite contracts.

<u>Source</u>: OECD Indicators of Employment Protection. <u>Annual time series data 1985-2013</u> (Downloaded: 2017-08-07).

<u>Period covered</u>:

AUS	1985-2013	EST	2008-2013	JPN	1985-2013	PRT	1985-2013
AUT	1985-2013	FIN	1985-2013	LVA	2012-2013	ROU	
BEL	1985-2013	FRA	1985-2013	LTU	2014-2015	SVK	1993-2013
BGR		DEU	1985-2013	LUX	2008-2013	SVN	2008-2014
CAN	1985-2013	GRC	1985-2013	MLT		ESP	1985-2013
HRV	2015	HUN	1990-2013	NLD	1985-2013	SWE	1985-2013
CYP		ISL	2008-2013	NZL	1990-2013	CHE	1985-2013
CZE	1993-2013	IRL	1985-2013	NOR	1985-2013	GBR	1985-2014
DNK	1985-2013	ITA	1985-2013	POL	1991-2013	USA	1985-2013

Note:

1. Specific requirements for collective dismissals are not included.

emprot_temp

Employment protection strictness provided through legislation and as a result of enforcement processes (scale of 0-6; higher values indicate stricter employment protection). This indicator measures the strictness of regulation on the use of fixed-term and temporary work agency contracts.

Source: See variable 'emprot reg'.

<u>Period covered</u>: See variable 'emprot_reg'.

13. Income inequality

prefisc_gini

Gini index of pre-fisc income (before taxes and transfers) among household members aged 18-64, in percent.

<u>Period covered</u>: 1967-2014. Data available in survey waves every few years.

<u>Source</u>: Luxembourg Income Study Database (LIS), www.lisdatacenter.org (multiple countries; calculated from LIS microdata by David Weisstanner on 2017-08-14). Luxembourg: LIS.

Note on prefisc_gini, pretran_gini and postfisc_gini:

1. Incomes refer to household incomes; equivalized using the square root of the number of household members; bottom-coded at 1% of equivalized mean income; top-coded at 10 times of non-equivalized median income.

pretran_gini

Gini index of pre-transfer income (after taxes, before transfers) among household members aged 18-64, in percent.

Period covered: See variable 'prefisc gini'.

Source: See variable 'prefisc gini'.

postfisc_gini

Gini index of disposable income (after taxes and transfers) among house-

hold members aged 18-64, in percent. Period covered: See variable 'prefisc gini'.

Source: See variable 'prefisc gini'.

14. Demographic data

Note on demographic data:

1. Please consider that there may be breaks in series.

pop Total population, in thousands.

Period covered: 1960-2014.

<u>Source</u>: OECD (2017), "<u>Labour Force Statistics</u>: <u>Summary tables</u>", OECD Employment and Labour Market Statistics (database) (Downloaded: 2017-07-24). Data for Bulgaria, Croatia, Cyprus, Latvia, Lithuania, Malta and Romania were retrieved from AMECO (<u>variable NPTD</u>) (Downloaded: 2017-07-24).

```
AUS 1960-2014 | EST 1992-2014 | JPN 1960-2013 | PRT 1960-2013 | AUT 1960-2013 | FIN 1960-2014 | LVA 1993-2015 | ROU 1990-2015 | BEL 1960-2014 | FRA 1960-2014 | LTU 1992-2015 | SVK 1990-2014 | BGR 1990-2015 | DEU 1960-2014 | LUX 1960-2014 | SVN 1990-2014 | CAN 1960-2014 | GRC 1960-2012 | MLT 1966-2015 | ESP 1977-2014 | CYP 1976-2015 | ISL 1960-2014 | NZL 1960-2014 | CHE 1960-2013 | CZE 1990-2014 | IRL 1960-2014 | NOR 1960-2014 | GBR 1960-2014 | DNK 1960-2013 | ITA 1960-2014 | POL 1991-2014 | USA 1960-2014
```

Note:

1. Slovakia: All data are taken from AMECO (see source above).

pop15_64 Population 15-64, in thousands.

Period covered: See variable 'pop'.

Additional Missing: Croatia 2000; Cyprus 1976-92; France 2014; Malta 1966-76,

1982/83; Slovenia 2013/14.

Source: OECD and AMECO (variable NPAN) (see variable 'pop').

pop65 Population over 65, in thousands.

Period covered: See variable 'pop'.

Additional Missing: See variable 'pop15_64'.

Source: OECD and AMECO (variable NPON) (see variable 'pop').

elderly Population over 65, as a percentage of population.

<u>Period covered</u>: See variable 'pop'. <u>Missing</u>: See variable 'pop15_64'.

Source: OECD and AMECO (variables NPTD and NPON) (see variable 'pop').

Appendix

Appendix 1 Notes concerning the variables gov_right, gov_cent, gov_left

All entries were calculated on the basis of Schmidt and Beyer (1992), Woldendorp, Keman and Budge (1998), Ismayr (2003), Keesing's Archive, European Journal of Political Research, Neue Zürcher Zeitung, People in Power (http://www.circa-uk.demon.co.uk/pip.html), parliaments and governments database (http://www.parlgov.org/explore), Colberg et al. (1998), Casal Bértoa (2016) and the Parline database (http://www.ipu.org/parline-e/parlinesearch.asp). The classification of parties was done according to Schmidt (1996). If there was no classification by Schmidt, we classified parties using the following assignments (see Appendix 2):

- 'Left' denotes social democratic parties and political parties to the left of social democrats
- 'Right' denotes liberal and conservative parties
- **'Centre'** denotes centre parties, in particular Christian Democratic or Catholic parties. According to Schmidt (1996: 160), centre parties favor a "moderate social amelioration in a location to the left of conservative or conservative-neoliberal parties."

Appendix 2 Assignment of governing political parties to left, centre, right

Australia

- left Australian Labour Party (ALP)

- centre ----

- right Liberal Party (*LIB*)

Country National Party (CNT)

Austria

- left Socialist Party (Sozialdemokratische Partei Österreichs, SPÖ)

centre People's Party (Österreichische Volkspartei, ÖVP)
 right Freedom Party (Freiheitliche Partei Österreichs, FPÖ)

Belgium

- left Socialist Party Different (Socialistische Partij Anders, SP.a/SPIRIT) (until 2001:

Flemish Socialist Party, in 2003 and 2007: electoral coalition with SPIRIT)

Francophone Socialist Party (Parti Socialiste, PS)

AGALEV (Greens, francophone)

ECOLO (Greens, flemish)

- centre Christian Democrat & Flemish (Christen-demokratisch & Vlaams, CD & V) (until

2001: Christian People's Party (CVP))

Democrat Humanist Centre (Centre Démocrate Humaniste, CDH) (until 2002:

Christian Social Party (PSC))
Francophone Democratic Front (FDF)

New Flemish Alliance (Nieuw-Vlaamse Alliantie, N-VA) (former: Flemish/People's

Union (VU))

Democratic Union (DU) Wallon Rally (RW)

- right Liberal Party (LP)

Open Flemish Liberals & Democrats (Vlaamse Liberalen en Democraten, Open VLD) (former: Party of Liberty and Progress (PVV))

Reform Movement (Mouvement Réformateur, MR) (former: Francophone Liberal Reform Party (PRL))

Movement of Citizens for Change (Mouvement des citoyens pour le changement, MCC)

Bulgaria

- left Bulgarian Socialist Party (Bulgarska Socialističeska Partija, BSP)

Coalition for Bulgaria (Koalitsiya za Bulgaria, KB)

Alternative for Bulgarian Revival (Alternativa za balgarsko vazrazhdane, ABV)

- centre Democratic Party (Demokraticheska partia, DP)

- right Coalition Movement for Rights and Freedoms (Dviženie za Pravata i Svobodie)

[formed of Movement for Rights and Freedoms (*Dviženie za Pravata i Svobodie*); Liberal Union (*Liberalen Sajuz*) and Euroroma (*Evroroma*)]

National Movement Simeon II (Nacionalno Dvisenie Simeon Tvori, NDSV)

Union of Democratic Forces (Sil Demokratic Sajuz, SDS)

Citizens for European Development of Bulgaria (Grazhdani za Evropeisko Razvi-

tie na Bulgaria, GERB)

Reformist Bloc (Reformatorski blok, RB)

Canada

- left -----

- centre Liberal Party (LIB)

- right Progressive Conservative Party (PC)

Croatia

- left Social Democratic Party of Croatia (Socijaldemokratska Partija Hrvatska, SDP)

centre Croatian Democratic Union (Hrvatska Demokratska Zajednica, HDZ)

Croatian Peasant Party (Hrvatska Seljačka Stranka, HSS)

- right Croatian Social Liberal Party (Hrvatska Socijalno Liberalna Stranka, HSLS)

Croatian People's Party (Hrvatska Narodna, HNS)

Party of Liberal Democrats (LIBRA)

Democratic Center (Demokratski Centar, DC)

Istrian Democratic Assembly (Istarski Demokratski Sabor, IDS)

Liberal Party (Liberalna Stranka, LS)

Independent Democratic Serb Party (Samostalna demokratska srpska stranka,

SDSS)

Cyprus

- left Social Democrats Movement (Kinima Socialdemokraten, KISOS), former EDEK

(United Democratic Union of Cyprus, The Socialist Party).

Progressive Party of the Working People, The Communist Party, (Anorthotiko

Komma tou Ergazomenou Laou, AKEL)

- centre -----

- right The Democratic Rally (Demokratikos Synagermos, DISY)

The Democratic Party (Demokratiko Komma, DIKO) Free/United Democrats (Enomenoi Democrates, EDI)

Liberal Party

European Party (Evropaiko Komma, EVROKO)

Czech Republic

- left Czechoslovak Party of Social Democracy (Ceská strana sociálne demokratická

CSSD)
Green Party (SZ)

- centre Christian Democratic Union - Czechoslovak People's Party (Kresĭanskaá a

Demokratická Unie – Československá Strana Lidová, KDU-CSL)

- right Civic Democratic Party (Obcanska Demokraticka Strana, ODS)

Union of Freedom/Democratic Union (Unie Svobody/Demokraticka Unie, US/DEU)
Democratic Union (Krestanka a Demokraticka Unie/Ceskoslovenska Strana Lidova.

KDU/CSL – Unie Svobody/Demokraticka Unie, US/DEU) [christian democrats and liberals]

Civic Democratic Alliance (Obcanská demokratická aliance, ODA)

TOP 09 (TOP 09)

Public Affairs (Věci veřejné, VV)

LIDEM-Liberal Democrats (LIDEM – liberální demokraté)

Action of Dissatisfied Citizens (Akce nespokojených občanů 2011, ANO)

Denmark

- left Social Democrats (Socialdemokratiet, SD)

Left Socialist Party (LSP)

Socialist People's Party (Socialistisk Folkeparti, SF)

- centre Democrats (Centrum Demokraterne, CD)

Christian People's Party (Kristendemokraterne, KRF)

- right Liberals (Venstre, LIB)

Conservative People's Party (Det Konservative Folkeparti, KF)

Justice Party

Radical Party (Social Liberal Party) (Det RadiKale Venstre, RV)

Estonia

- left Social Democratic Party (SDE) [Formerly: Moderates (Mõõdukad) [merger of

People's Party (Estonian Social Democratic Party + Rural Centre Party) with Moderates; from 1999 known as the People's Party Moderates

(Rahvaerakond Mõõdukad)

KMU - Estonian Coalition Party (Eesti Koonderakond, EK) and Rural Union (Eesti Maaliit, EM)- [formed from Estonian Coalition Party (KE or KMU-K), Estonian Rural Union (EM or KMU-M), Estonian Country People's Party (EME), Estonian Pensioners' and Families' League (EPPL) and Farmers'

Assembly (PK)]

- centre Estonian Centre Party (Eesti Keskerakond, KE)

- right Homeland (Isamaa) until 1999; in 1999 merged with Pro Patria and formed

Homeland - Pro Patria Union (Isamaaliit)

Res Publica (Ühendus Vabariigi Eest - Res Publica, ResP)

Estonian People's Union (Rahsaliit)

Estonian Reform Party (Eesti Reformierakond, RE)

Estonian National Independence Party (Eesti Rahvusliku Sõltumatuse Partei,

ERSP)

Pro Patria and Res Publica Union (Isamaa ja Res Publica Liit, IRL) [merger of

Res Publica and Pro Patria Union]

Finland

- left Social Democrats (Suomen Sosialidemokraattinen Puolue, SDP)

Finnish People's Democratic Union (SKDL)

Social Democratic League (TPSL)

Left-Wing Alliance (Vasemmistoliitto, VAS)

Green League (Vihreä Liitto, VIHR)

- centre Centre Party (Keskusta, KESK)

Liberal People's Party (LKP)

Christian Democrats (Kristillisdemokraatit, KD) (former Christian League, SKL) Finnish Rural Party (Suomen Maaseudun Puolue, SMP) (SMP) (now True Finns,

PS)

- right National Coalition (Kansallinen Kokoomus, KOK)

Swedish People's Party (Svenska Folkepartiet I Finland, SFP/RKP)

True Finns (Perussuomalaiset, PS) (former Finnish Rural Party, SMP)

France

- left Socialist Party (Parti Socialiste, PS)

Communist Party (Parti Communiste Français, PCF)

Greens (Les Verts)

Movement for Citizens (Mouvement des Citoyens, MDC)

Generation Ecology (Génération Écologie, GE)

Left Radicals (Parti Radical de Gauche, PRG (since 1998)) (former: Mouvement des radicaux de gauche, MRG (until 1996) and Parti Radical Socialiste, PRS (until

1998))

- centre Centre of Social Democrats (CDS), Democratic Force (Force Démocrate, FD)

Popular Republican Movement (MRP)

Centre of Progress and Modern Democracy (PDM)

Union for French Democracy (Union pour la Démocratie Française, UDF)

Reformers' Movement (REF, Reformers' Movement)

Republican Party (Parti Républicain, PR)

New Centre (Nouveau centre, NC)

- right Gaullists, Rally for the Rebublic (Rassemblement pour la République, RPR) (for-

mer Union pour la Nouvelle République (UNR) and Union des Démocrates pour la République (UDR), in 2002: Union for a Presidential Majo-

rity (UMP))); in 2007: Union for a Popular Movement (UMP))

Centre National des Indépendants (IND) Centre Democracy and Progress (CDP)

Radical Party (Parti Radical, RAD)

Germany

- left Social Democrats (Sozialdemokratische Partei Deutschlands, SDP)

Greens (Bündnis 90/Die Grünen)

- centre Christian Democratic Union (Christlich-demokratische Union, CDU)

Christian Social Union (Christlich-soziale Union, CSU)

- right German Party (Deutsche Partei, DP)

Free Democrats (Freie demokratische Partei, FDP)

Greece

- left Pan-Hellenic Social Movement (Panellinio Sosialistiko Kinima, PASOK)

Communist Party (Kommunistiko Komma Elladas, KKE)

Democratic Left (Dimokratiki Aristera, DIMAR)

Coalition of the Radical Left (SYRIZA; former Coalition of Left and Progress)

- centre -----

- right New Democracy (Nea Dhimokratia, ND)

Political Spring (POLAN)
National Radical Union (ERE)

Progressives (KP)

Centre Union, Union of the Democratic Centre (EDIK)

Independent Hellenes (ANEL)

Hungary

- left Hungarian Socialist Party (Magyar Szocialista Párt, MSzP)

Independent Smallholders Party (Független Kisgazdapárt, FKGP)

- centre Christian Democratic People's Party (Keresztény Demokrata Néppárt, KDNP)

- right Hungarian Democratic Forum (Magyar Demokrata Fórum, MDF)

Hungarian Civic Union (Magyar Polgári Szövetség, Fidesz) Alliance of Free

Democrats (Szabad Demokratak Szövetsege, SzDSz)

Iceland

- left Social Democratic Party (SDP) (Althýduflokkur)

People's Alliance (PA, USP) (Althýdubandalag) Social Democratic Alliance (SDA) (Samfylkingin)

Left-Greens (LG) (Vinstri græn)

- centre Progressive Party (PP) (Framsóknarflokkur)

Union of Liberals and Leftists (ULL) Regional Equality Platform (REP)

- right Independence Party II (IP) (Sjálfstaedisflokkur)

Citizens' Party (CP) (Borgaraflokkur)

Ireland

left Labour Party (LAB)

Democratic Left (DL) Green Party (GP)

- centre Republican Party (Clann na Poblachta, CNP)

Fine Gael (FG)

- right Party of the Land (Clann na Talmhan, CNT)

Progressive Democrats (PD) Fianna Fail (Republican Party, FF)

Italy

- left Socialist Party of Proletarian Unity (PSIU)

Communist Party (Partito dei Comunisti Italiani, PDCI)

Socialist Party (Partito Socialista Italiano, PSI)

United Socialist Party (PSU)

Social Democratic Party (Socialisti Democratici Italiani, PSDI)

Greens (Verdi)

Party of the Democratic Left (Democratici di Sinistra, PDS), (in 2006, the DS ran together with Daisy (Margherita) in the Olive Tree Coalition (Ulivo))

The Democratic (I Democratici, DEM)

Di Pietro List (Lista di Pietro/Italia dei Valori, IdV)

Socialists and Radicals (former Rose in the Fist, Rosa nel Pugno, RnP)

Democratic Party (Partito Democratico, PD)

- centre Christian Democratic Party (Democrazia Cristiana, DC)

Republican Party (Partito Repubblicano Italiano, PRI)

Italian Popular Party (Partito Popolare Italiano, PPI)

Union of the Centre (Unione Democratici di Centro, UDC)

Dini List – Italian Renewal (Rinnovamento Italiano, RI)

Democratic Union (Unione Democratica, UD)

Union of Republican Democrats (Unione dei Democratici per la Repubblica, UDR), known as Union of Democrats for Europe (Unione dei Democratici per l'Europa, UDEUR) since 1999.

Christian Democratic Centre, United Christian Democrats (Centro Cristiano Democratico, CCD, Cristiani Democratici Uniti, CDU)

Christian Democracy for the Autonomies (Democrazia Cristiana per le Autonomie, DCpA)

New Centre-Right (Nuovo Centrodestra, NCD)

Popular Area (Area Popolare, NCD-UDC) [comprised of New Centre-Right and Union of the Centre]

- right The People of Freedom (II Popolo della Libertà, PdL)

Liberal Party (Partito Liberale Italiano, PLI)

Forza Italia (FI)

Lombard League, Northern League (Lega Lombarda, Lega Norte, LN)

National Alliance (Alleanza Nazionale, AN)

Civic Choice-Monti for Italy (Scelta civica-Monti per l'Italia, SC)

Italian Radicals (Radicali Italiani, IR)

Japan

- left Social Democratic Party (SDP) (Shakai Minshuto)

Japan Communist Party (JCP) (Nihon Kyosanto) Democratic Socialist Party (Minshu Shakaito)

United Democratic Socialists (UDS)

- centre Clean Government Party (CGP) (Komeito)

Democratic Party of Japan (DPJ) (Minshutō)

- right Liberal Democratic Party (LDP) (Jiyu Minshuto)

New Liberal Club (NLC) Japan Renewal Party (JRP)

Japan New Party (JNP) (Nihon Shinto)

New Conservative Party (NCP) (Hoshu Shinto)

Liberal Party (LP)

People's New Party (PNP) (New) Sakigake Party (NPS)

Note:

According to its party manifesto, the Democratic Party of Japan (DPJ) is a centre-left party. Since it is more to the centre than to the left, we classified it as 'centre' with regard to the party composition of government. However, for the 'elections' variables, we assigned this left-liberal party to the socialist party family ('social') which includes both traditional social democratic parties as well as blends of social-democratic and liberal parties.

Latvia

- left Democratic Centre Party (since 1995, Democratic Party "Master" (DPS Saimnieks)

Latvian Social-Democratic Alliance (Latvijas Sociāldemokrātu Apvienība, LSDA) New Party (Jauna partija, JP)

Latvia's Unity Party (Latvijas Vienības Partija, LVP)

Union of Greens and Farmers (Zaïo un Zemnieku savienîba, ZZS) [formed of Latvian Green Party (Latvijas Zaïâ Partija) and Latvian Farmers' Union (Latvijas Zemnieku savienîba)]

Latvian Farmers' Union (Latvijas Zemnieku Savienība, LZS)

- centre United List of Latvia's Farmers' Union and Latvian Christian Democratic Union

and Latgale Democratic Party

Latvia's First Party (Latvijas Pirma Partija, LPP)

First Party of Latvia and Union "Latvia's Way" (Latvijas Pirma Partija un Savieniba Latvijas Celš)

- right Latvia's Way (Latvijas Ceļš, LC)

New Era (Jaunais laiks, JL)

For Homeland (Fatherland) and Freedom TB

Peoples' Party (Tautas Partija, TP)

Alliance for Homeland and Freedom / Latvian National Independence Move-

ment (TB/LNNK)

Civic Union (Pilsoniskā savienība, PS)

Unity (Vienotība, V)

Zatlers Reform Party (Zatlera reform partija, ZRP)

National Alliance (Nacionala apvienība, NA)

Lithuania

- left Lithunian Democratic Labour Party (Lietuvos Demokratine Darbo Partija, LDDP)

Lithuanian Peasants People Union (Lietuvos valstiečių liaudininkų sajunga, LPPU) [former Union of Farmers and New Democratic Party (Valstiečių ir naujosios Demokratijos partijų sajunga, VNDPS)]

Lithuanian Social-Democratic Party (Lietuvos Socialdemokratu Partija, LSDP)

Social-Democratic Coalition of Algirdas Brazauskas [comprised of Lithuanian Democratic Labour Party; Lithuanian Social Democratic Party; Union of Lithuanian Russians; Party of New Democracy]

For a Working Lithuania (LSDP and NU)

Labour Party (DP)

Civic Democratic Party (CDP)

- centre Lithuanian Christian Democratic Party (Lietuvos Krikščionių Demokratų Partija

LKDP)

New Union - Social Liberals (Naujoji Sajunga - Socialliberalai, NS-SL)

Electoral Action of the Poles in Lithuania (Lietuvos Lenkų Rinkimų Akcija, LLRA)

- right Homeland Union - Lithuanian Conservatives (*Tevynes Sajunga – Lietuvos Konservatoriai, TS-LK*) [in 2008: electoral alliance with the Lithuanian Chris-

tian Democrats1

Lithuanian Centre Union (Lietuvos Centro Sajunga, LCS)

Lithuanian Liberal Union (Lietuvos Liberaly Sajunga, LLS)

Liberal and Centre Union (merger of LCS and LLS)

Liberal Movement of Lithuanian Republic (Lietuvos Respublikos Liberalų sajudis, LMLR)

Nation's Ressurection Party (Tautos prisikelimo partija, NRP)

Order and Justice Party (Partija Tvarka ir teisingumas, TT)

Luxembourg

- left Socialist Workers' Party (Parti Ouvrier socialiste luxembourgeois/Letzemburger

Sozialistisch Arbechterpartei, POSL/LSAP)

The Greens (Déi Gréng, GLEI-GAP)

- centre Christian Social Party (Parti Crétien Social/Chrestlech Sozial Vollekspartei,

PCS/CSV)

- right Democratic Party (Parti Démocratique/Demokratesch Partei, PD/DP)

Malta

- left Malta Labour Party MLP (Partit Laburista)- centre Nationalist Party (Partit Nazzjonalista, PN)

- right -----

Netherlands

- left Labour Party (Partij van der Arbeid, PvdA)

Political Party of the Radicals (PPR)

- centre Catholic People's Party (KVP)

Christian Democratic Appeal (Christen Demokratisch Appel, CDA)

Democratic Socialists' 70 (DS'70) Democrats' 66 (Democraten '66, D'66) Christian Union (Christen Unie, CU)

- right Liberal Party/People's Party for Freedom and Democracy (Volkspartij voor

Vrijheid en Democratie, VVD)
Christian Historical Union (CHU)
Anti Revolutionary Party (ARP)

List Pim Fortuyn (LPF)

New Zealand

- left Labour Party (LAB)

Alliance (A)

Progressive Coalition (PC)

- centre -----

- right National Party (NP)

New Zealand First (NZF)

United Party (U)

Norway

- left Labour Party (Det Norske Arbeiderparti DNA, AP)

Socialist Left Party (Sosialistisk Venstreparti, SV)

- centre Centre Party (Senterpartiet, SP), former Farmers' Party

Christian People's Party (Kristelig Folkeparti, KRF)

- right Conservatives (Hoyre, H)

Liberals (Venstre, V)

Progress Party (Fremskrittspartiet, FRP)

Poland

- left Alliance of the Democratic Left (Sojusz Lewicy Demokratycznej, SLD) [formed of

Social Democracy of the Republic of Poland; All-Polish Accord of Trade

Unions; Polish Socialist Party] Labour Union (Unia Pracy, UP)

Polish Peasant Party (Polskie Stronnictwo Ludowe, PSL)

Self Defence of Polish Republic (Samoobrona Rzeczypospolitej Polskiej, SRP)

Polish Social Democracy (Socialdemokracia Polska, SdPL)

- centre Peasant Christian Alliance (SLCh)

Peasant Alliance PL [comprised of Solidarity Polish Peasant Party and Rural

Solidarity Peasant Union]

Party of Christian Democrats (Partia Chrzescijanskich Demokratów--PChD) Catholic Election Action (Wyborcza Akcja Katolicka, WAK) [comprised of Chris-

tian National Union (ZChN); Conservative Party and other small groupings]

- right Democratic Union (Unia Demokratyczna, UD)

Solidarity Election Action (Akjia Wyborcza Solidarność, AWS)

Liberal Democratic Congress (Kongres LiberalnoDemokratyczny, KLD)

Freedom Union (Unia Wolności, UW) [merger of Democratic Union and Liberal

Democratic Congress] League of Polish Families

Law and Justice (Prawo i Sprawiedliwosc, PiS) Civic Platform (Platforma Obywatelska, PO)

Portugal

- left Socialist Party (Partido Socialista Portuguêsa, PSP)

Communist Party (PCP)

- centre -----

- right Social Democrats, Popular Democrats (Partido Social Democráta, PSD, Partido

Popular Democrático, PPD)

Centre Social Democrats, Popular Party (Partido do Centro Democrático Social,

Partido Popular, CDS/PP)
Popular Monarchist Party (PPM)

Romania

- left National Salvation Front = Democratic National Salvation Front = Party of So-

cial Democracy from Romania (Partidul Democratiei Sociale din Romania PDSR) = Social Democratic Party (Partidul Social Democrat PSD)

Ecological Movement from Romania (Miscarea Ecologistă din România)

National Salvation Front - Democratic Party = Democratic Party (Partidul Dem-

ocrat PD)

Democratic Agrarian Party from Romania (Partidul Democrat Agrar din România) National Union for Romania's Progress (Uniunea Nationala pentru Progresul

Romaniei, UNPR)

- centre Democratic Union of Magyars in Romania (Uniunea Democratică a Maghiarilor

din România UDMR)

Conservative Party of Romania (Partidul Conservator, PC) [former: Alliance So-

cial Democratic Party – Humanist Party of Romania]

- right National Liberal Party (Partidul National Liberal PNL)

Party of National Unity of Romanians (Partidul Unității Naționale Române PUNR)

Democratic Convention from Romania (Convenţia Democrată din România)
Alliance Truth and Justice (National Liberal Party PNL and Democrat Party

DP)

Democrat-Liberal Party (Partidul Democrat-Liberal) (through the incorporation of

a PNL dissident group into the Democrat Party)

Liberal Reformist Party (Partidul Liberal Reformator PLR)

Slovakia

- left Party of the Democratic Left (Strana Demokratickej Lavice, SDL') since 96

Association of Slovak Workers (Združenie Robotníkov Slovenska, ZRS)

Direction (Smer, S)

- centre Christian Democratic Movement (Krestanskodemokraticke Hnutie, KDH)

Slovak Democratic and Christian Union (SDKU) [in 2006 merged with Demo-

cratic Party to *SDKU-DS*)]

Party of the Hungarian Coalition (Magyar Koalitio Partja SMK) (1994: Hungarian Coalition)

- right The Slovak Democratic Coalition (Slovenská Demokratická Koalicia, SDK)

Public Against Violence Union (Verejnost' proti násiliu, VPN)

Democratic Party (Demokratická Strana, DS)

Democratic Union of Slovakia (Demokratická Únia Slovenska, DUS)

Party of Civic Understanding (Strana Občianskeho Porozumenia, SOP) Alliance of New Citizens (Aliancia nového obcana, ANO)

Slovak National Party (Slovenská národná strana, SNS)

Movement for a Democratic Slovakia (Hnutie za demokratické Slovensko, HZDS)

Freedom and Solidarity (Sloboda a solidarita, SaS)

The Bridge (Most-Híd)

Slovenia

- left Social Democrats (Socialni demokrati, SD) (until 2008: United List of Social

Democrats (Združena Lista Socialnih Demokratov, ZLSD))

Social Democratic Party of Slovenia (Socialdemokratska Stranka Slovenije, SDS)

Greens of Slovenia (Zeleni Slovenije, ZS)

Slovenian People's Party (Slovenska Ljudska Stranka, SLS)

Coalition of the Slovenian People's Party and the Slovenian Christian Demo-

crats (SLS/SKD)

Democratic Party of Pensioners (*DeSUS*) Social Democrats (*Socialni demokrati, SD*) Positive Slovenia (*Pozitivna Slovenija, PS*)

- centre Slovenian Christian Democratic Party (Slovenski Krščanski Demokrati, SKD)

New Slovenia and People's Christian Party (NSi)

- right Liberal Democracy of Slovenia (Liberalna Demokracija Slovenije, LDS)

Party for Real/New Politics (Zares/nova politika, ZARES)

Civic List (Državljanska lista, DL) (until 2012: Citizens' Alliance of Gregor Virant

(Državljanska lista Gregorja Viranta, DLGV))

Alliance of Alenka Bratusek (Zavezništvo Alenke Bratušek, ZaAB)

Party of Miro Cerar (Stranka Mira Cerarja, MC)

Spain

- left Socialist Party (Partido Socialista Obrero Español, PSOE)

- centre Popular Alliance, Popular Party (Alianza Popular/Partido Popular, AP/PP)

Union of the Democratic Centre (UCD)

- right -----

Sweden

- left Social Democrats (Socialdemokraterna, S)

Green Party (Miljöpartiet de gröna, MP)

- centre Agrarian Party, Center Party (Centerpartiet, C)

Christian Democratic Union (Kristen Demokratisk Samling, KDS)

- right Conservatives, Moderate Unity Party (Moderate Samlingspartiet, M)

People's Party (The Liberals) (Folkpartiet, FP)

Switzerland

 left Social Democrats (Sozialdemokratische Partei der Schweiz Parti Socialiste Suiss/, SPS/ PSS)

- centre Christian Democrats (Christlichdemokratische Volkspartei/Parti Démocrate-Chrétien Suisse/, CVP/PDC)

- right Radical Democrats (Freisinnig-Demokratische Partei/Parti Radical-Démocratique, FDP/PRD)

Swiss People's Party (Schweizerische Volkspartei/ Union Démocratique du Centre, SVP/UDC)

Conservative Democratic Party (Bürgerlich-Demokratische Partei/Parti bourgeois démocratique Suisse, BDP/PBD)

United Kingdom

- left Labour Party (LAB)

- centre -----

- right Conservative Party (CON)

Liberal Democrats (LIB)

USA

- left -----

centre Democratic Partyright Republican Party

Appendix 3 Notes concerning votes and seats of political parties in national parliaments (lower houses in bicameral systems)

As a general rule we inluded data on votes and seats for a party if it reaches at least 2% of votes in an election. If a party did not reach that threshold, data for this party is not included for that election (neither on votes nor on seats) and it receives a zero.

For example, the only Liberal Party in country X has 1991: 1.7% (votes), 2.0% (seats); 1994: 2.0% (votes), 1.7% (seats); 1998: 5.0% (votes), 4.5% (seats); 2000: 0.9% (votes), 0.8% (seats). The data entered for the Liberal Party are therefore:

votes:	seats:

liberal1	slibera1
1991: 0	1991: 0
1994: 2.0	1994: 1.7
1998: 5.0	1998: 4.5
2000: 0	2000: 0

Our classification of party families started from the work by Lane, McKay and Newton (Lane et al. 1997), which distinguishes between 11 party families. We added a party family 'right-populist parties and ultra right parties ("right")' which includes all the ultra-right parties according to Lane, McKay, Newton and right-populist parties according to the definition of populist radical right parties by Cas Mudde (2007: 22-3). Three features distinguish these parties from other parties: Nativism, authoritarianism and populism. Examples are given in Mudde (2007: 44) and Mudde (2013: 3). For Central and Eastern European countries, Janusz Bugajski (2002) was the main source for labelling, combined with additional national sources. As often acknowledged in the literature, parties in these areas frequently do not have a clear ideological stance, therefore their placement in distinct categories is not a straightforward process. For the sake of clarity, we made a tentative assignment of parties.

The national parties in a given family of parties were given consecutive numbers. If, for example, there are three political parties in the socialist spectrum of the party system, they were given the names social1, social2, and social3. The share of votes and seats were en-

tered under these variable names for each party. This structure of the data set allows for various re-classification and aggregations.

If there is no party for a given variable, '0' is entered. For example, since the United Kingdom has no agrarian party, the variable 'agarian' has the value '0' in the case of the United Kingdom. The share of votes are entered under the party variable name. The share of seats are entered under the party variable name, preceded by an 's' (for 'seats'). For example, in the case of Australia under 'social1' votes for the Australian Labour Party are entered; the variable 'ssocial1' denotes share of seats of the Australian Labour party.

In cases where data on votes are not available for parties separately due to electoral alliances we apply the following coding rules.

- If one party of the electoral alliance received more than 75% of the seats won by the
 electoral alliance, the total vote and seat share won by this alliance is entered under
 the variable name of this major party.
- If no party of the electoral alliance received more than 75% of the seats won by the electoral alliance, the total vote and seat share won by the alliance is entered under a new variable. If the alliance is not ideologically consistent we entered the corresponding values under the party family "allia".

The variable 'protest' refers to protest parties. We were restrictive in using this variable, since parties emerging as protest parties often change to a programmatic category, e.g. the German Green party. Thus we may apply retrospective changes if parties fit better into other categories. More recently, the 'protest' category may also comprise parties with EU-sceptic orientation, but without the nativism associated with the category 'right'.

The variable 'others' refers to the percentage of total votes for all minor parties which received less than 2% of total votes each or for independent candidates. The variable 'sothers' refers to the percentage of total seats in parliament for all minor parties which received less than 2% of total votes or for independent candidates. Therefore, the variables on both votes and seats add up to 100%.

Due to a more complex party structure in post-communist countries, some other categories were added to the classification of Lane/McKay/Newton (1997), which only accounts for post-communist countries (see note on table below).

"Non-label" (nonlbl) is a residual category for those parties which could not be placed in any of the categories above. The "personalist" (person) label is used to designate parties created to support one candidate and which cannot be assigned an ideological label. "Pensioners" (pension) is a category comprised of parties of pensioners and persons with special needs. The "conservative" (conserv) label is used for party programs which emphasize both nationalist and religious values. The maximum number of variables is a result of the maximum number of parties within the family which reached at least 2% of the votes in an election in at least one country.

There is one major problem with these classifications: The classification is time-invariant. Some parties, however, changed their programs, goals and clienteles considerably over time. We do not adapt the classification to such changes systematically. However, in those cases where we are aware of major changes, we re-classified the party for the period after the change. Examples are the Swiss Peoples Party (SVP) or the Austrian Freedom Party (FPÖ). Both parties had been re-classified due to their change from an agrarian (SVP) or liberal (FPÖ) to a right populist party. Based on the literature we identified the years 1995 for the SVP and the year 1986 for the FPÖ as the time point when they switched from agrarian and liberal, respectively, to right-populist.

We recommend that users of the data set carefully consider whether our classifications fit their conceptual perspective and re-classify according to their needs.

Party family	Variable ı	name							
Social de- mocratic	social1	social2	social3	social4	social5	social6	social7	social8	
Left-socialist Communist Post- communist*	comm1	leftsoc2 comm2 postcom2	leftsoc3 comm3	leftsoc4 comm4	leftsoc5				
Agrarian	•	agrarian2							
Conservative			conserv3					conserv8	
Religious Liberal	relig1 liberal1 liberal9	relig2 liberal2	relig3 liberal3	relig4 liberal4	relig5 liberal5	relig6 liberal6	relig7 liberal7	liberal8	liberal9
Protest	protest1	protest2	protest3	protest4	protest5				
Green	green1	green2	green3						
Ethnic Right popu- list	ethnic1 right1	ethnic2 right2	ethnic3 right3	ethnic4 right4	right5				
Regionalist* Feminist* Monarchist* Personalist*	regio1 femin1 monarch1 person1								
Pensioners*	pension1	pension2							
Non-label*	nonlbl1	nonlbl2							
Electoral alliance	allia1	allia2	allia3						
Others	others								

^{*} These labels are used exclusively to classify post-communist countries.

Appendix 4 Assignments of political parties in parliaments to party families

If there are numbers assigned to parties in the following list, they represent the identification numbers found in Mackie and Rose (1991).

Australia

- social1 1) Labour Party (ALP) 21) Democratic Labour Party - social2 7) Country Party, National Party - agrarian1 - conserv1 18) Australian Liberal Party --- One Nation - conserv2 - conserv3 --- Family First 27) Australian Democrats - liberal1 23) Australia Party - liberal2 --- Palmer United Party (PUP) - liberal3 --- Australian Greens - green1

Austria

1) Socialist Party (SPÖ) - social1 5) Communist Party (KPÖ) - comm1 2) People's Party (ÖVP) - relig1 11) Freedom Party (FPÖ) (since 1986: right1) - liberal1

- liberal2 17) Liberal Forum (LIF)

--- The New Austria and Liberal Forum (NEOS) - liberal3

- liberal4 --- Team Frank Stronach (TS)

protest1	12) Democratic Progressive Party
- protest2	List Dr Martin – For Democracy, Control and Justice (Martin)
- green1	15) Green Alternative
- right1	11) Fredom Party (FPÖ) (until 1985: liberal1)
- right2	Alliance for the Future of Austria (BZÖ)
Belgium	
- social1	3) Socialist Party (since 1977 split into 30 and 31)
- social2	30) Socialist Party Different (SP.a) (until 2001: Flemish Socialist Party (SP), in
	2003 and 2007: electoral coalition with SPIRIT)
- social3	31) Francophone Socialist Party (PS)
- comm1	10) Communist Party (KPB/PCB)
- comm2	Workers' Party of Belgium-Left Opening! (PTB-GO!)
- relig1	1) Catholic Party (since 1965 split into 19 and 20)
- relig2	19) Christian Democrat & Flemish (CD & V) (until 2001: Flemish Christian
	People's Party (CVP); in 2007: alliance with N-VA)
- relig3	20) Humanist Democratic Centre (CDH) (until 2002: Francophone Christian
19 14	Social Party (PSC))
- liberal1	2) Liberal Party (since 1971 split into 21 and 22)
- liberal2	21) Open Flemish Liberals & Democrats (Open VLD) (until 2007: Flemish Lib-
	erals & Democrats (VLD); former: Flemish Party of Liberty and Progress
111 10	(PVV))
- liberal3	22) Reform Movement (MR) (former Francophone Liberal Reform Party (PRL);
	in 1995: Alliance with FDF; in 1999: Fédération PRL-FDF-MCC) (Fran-
121 1.4	cophone)
- liberal4	Vivant (joined the VLD in 2007)
- liberal5	5) Liberal/Socialist cartels
- liberal6	De Decker's List (LDD)
- protest1	32) ROSSEM/ROSSUM
- green1	26) ECOLO (Francophone)
- green2	27) Green (Flemish) (former: AGALEV)
- ethnic1	8) New Flemish Alliance (N-VA) (former Flemish/People's Union (VU))
- ethnic2	14) Francophone Democratic Front (FDF)
- ethnic3	18) Walloon Rally
- right1	28) Democratic Union for the Respect of Labour (UDRT/RAD) 33) National Front (FN-NF) (Francophone)
- right2	, , , , , , , , , , , , , , , , , , , ,
- right3	29) Flemish Interest (since 2004: Flemish Block)
Bulgaria	
- social1	Democratic Alternative for the Republic (Demokratichna Alternativa za Republika,
	DAR)
- social2	Coalition for the Democratic Left [comprised of Bulgarian Socialist Party (Bal-
	garska Socialisticheska Partiya); Bulgarian Agrarian People's Union - Alex-
	ander Stanboliski (Balgarski Zemedelski Naroden Sajuz - Aleksander Stan-
	bolijnski) and PC "Ecoglasnost"]
- social3	Coalition Euroleft (Bulgarska Evrolevitsa)
- social4	Alternative for Bulgarian Revival (Alternativa za balgarsko vazrazhdane, ABV)
- leftsoc1	Coalition for Bulgaria (Koalicija za Bulgarija) [comprised of Bulgarian Socialist
	Party, "Social Democrats" Political Movement, United Labour Block,
	Bulgarian Agrarian Union "Al. Stamboliyski - 1899", Union for the Father-
	land, Social-Liberal Progress Alliance, "Forward Bulgaria" Movement,
	Communist Party of Bulgaria, "Trakiya" Political Club, "Roma" Civil Alli-
	ance]
postcom1	Bulgarian Socialist Party (Bulgarska Socialističeska Partija BSP)

- agrarian1	Bulgarian National People's Union - official (Balgarski Zemedelski Naroden Sajuz BZNS)
- agrarian2	Bulgarian National People's Union - United (Balgarski Zemedelski Naroden Sajuz – 0, BZNS-0)
- agrarian3	Bulgarian National People's Union - Nikola Petkov (Balgarski Zemedelski Naroden Sajuz - Nikola Petko, BZNS-NP)
- conserv1	Citizens for European Development of Bulgaria (Grazhdani za Evropeisko Razvitie na Bulgaria, GERB)
- conserv2	Order, Law and Justice (Red, Zakonnost I Spravedlivost, RZS)
- conserv3	Democrats for Strong Bulgaria and Bulgarian Democratic Forum (Demokrati za Silna Bulgaria i Bulgarski Demokratichen Forum, DSB-BDF)
conserv4	Bulgaria Without Censorship (Balgariya bez tsenzura, BBT)
- conserv5	Reformist Bloc (Reformatorski blok, RB)
- relig1	Union of Democratic Forces (Sil Demokratic Sajuz, SDS)
- relig2	People's Union (Naroden Sajuz, NS) [comprised of Bulgarian Agrarian National Union and Democratic Party]
- liberal1	Union of Democratic Forces - Centre (Sil Demokratic Sajuz - tsentrum, SDS-ts)
- liberal2	Union of Democratic Forces - Liberal (Sil Demokratic Sajuz Liberali, SDS-I)
- liberal3	Bulgarian Business Bloc (Bulgarski Biznes Blok, BBB)
- liberal4	Democrats for a Strong Bulgaria (Demokrati za Silna Bulgarija, DSB)
- liberal5	Lider
- liberal6	Movement 'Bulgaria of the Citizens' (Dvizhenie 'Bulgaria na grazhdanite', DBG)
- ethnic1	Movement for Rights and Freedoms (Dvizhenie za Prava I Svobodi, DPS)
- ethnic2	Coalition Movement for Rights and Freedoms (Dviženie za Pravata i Svobodie) [comprised of Movement for Rights and Freedoms, (Dviženie za Pravata i Svobodie); Liberal Union (Liberalen Sajuz) and Euroroma (Evroroma)]
- right1	George Day-International Macedonian Revolutionary Organization (VMRO-Gergiovden)
- right2	Party Ataka (Nacionalno Obedinenie Ataka) [comprised of National Movement for the Salvation of the Fatherland (Nacionalno Dviženie za Spasenie na Otecestvoto), Bulgarian National Patriotic Party (Balgarska Nacionalna-Patrioticna Partija), Union of Patriotic Forces and Militaries of the Reserve Defense (Sajuz na Patrioticnite Sili i Voinite ot Zapaca Zacšita)]
- right3	National Front for the Salvation of Bulgaria (Natzionalen Front za Spasenieto na Bulgaria, NDSB)
- right4	Patriotic Front (Patriotichen Front, PF)
- monarch1	Coalition Simeon II (Koalicija Simeon II)
- person1	National Movement for Stability and Progress (Nacionalno dviženie za stabilnost i văzhod, NDSV) [Until 2007: National Movement Simeon II (Nacionalno Dvisenie Simeon Tvori, NDSV))]
- allia1	Bulgarian People's Union (Balgarskij Naroden Sajuz) [comprised of Bulgarian Agrarian People's Union-People's Union (Balgarski Zemedelski Naroden Sajuz- Naroden Sajuz), Internal Macedonian Revolutionary
- allia2	Organization - Bulgarian National Movement (<i>Vatreshna Makedonska Revolyucionna Organizaciya- Balgarsko Nacionalno Dvizhenie</i>), and Union of Free Democrats (<i>Sajuz na svobodnite demokrati</i>)] Blue Coalition (<i>Sinyata Koalitzia, SK</i>) [coalition of several centre-right parties, most notably the Democrats for a Strong Bulgaria (liberal4) and Union of Democratic Forces (relig1)]
Canada	

Canada

social1
conserv1
liberal1
8) CCF, New Democratic Party
(Progressive) Conservative Party
2) Liberal Party

- liberal 2 10) Social Credit

- liberal3	12) Ralliement des Créditistes (belongs to 10 before 1965 and after 1968)
- protest1	17) Reform Party/Canadian Alliance (joined Conservative Party in 2004)
- green1	Greens
- ethnic1	18) Bloc Québécois
Croatia	
- social1	Social Democratic Party of Croatia (Socijaldemokratska Partija Hrvatska, SDP) (2003 in alliance with Istrian Democratic Assembly (IDS), Party of Liberal Democrats (LIBRA) and Liberal Party (LS); in 2015: run under the electoral coalition "Croatia is Grwoing (Koalicija Hrvatska raste))
- social2	Milan Bandic 365 – The Party of Labour and Solidarity
- leftsoc1	Croatian Labourists – Labour Party (Hrvatski Laburisti - Stranka Rada, HL-SR)
- leftsoc2	Human Shield (<i>Zivi zid, ZZ</i>)
- agrarian1	Croatian Peasant Party (<i>Hrvatska Seljačka Stranka</i> , <i>HSS</i>) (2007 in alliance with Croatian Social Liberal Party (HSLS), Alliance of Primorje- Gorski Kotar (PGS), Democratic Party of Zagorje (ZDS) and Zagorje Party (ZS); in 2015; run under the electoral coalition "Patriotic Coalition" (<i>Domoljubna koalicija</i>))
- relig1	Croatian Democratic Union (Hrvatska Demokratska Zajednica, HDZ) (2007 in alliance with Croatian Civic Party (HGS) and Democratic Centar (DC); in 2015; run under the electoral coalition "Patriotic Coalition" (Domoljubna koalicija))
- liberal1	Croatian People's Party – Liberal Democrats (Hrvatska Narodna Stranka - Liberalni Demokrati , HNS) until 2005 Croatian People's Party (2005 merger with the Party of Liberal Democrats (LIBRA)) (2003 in alliance with Alliance of Primorje-Gorski Kotar (PGS) and Slavonia-Baranja Croatia Party (SBHS); in 2015: run under the electoral coalition "Croatia is Grwoing (Koalicija Hrvatska raste)))
- liberal2	Alliance between Croatian Social Liberal Party (Hrvatska Socijalno Liberal- na Stranka, HSLS) and Democratic Center (Demokratski Centar, DC)
- liberal 3	Bridge of Independents Lists (Most nezavisnih lista, MOST)
- right1	Croatian Party of Rights (Hrvatska Stranka Prava, HSP) (2000 in alliance with Croatian Christian Democratic Union (HKDU), 2003 in alliance with Zagorje Democratic Party (ZDS) and Medimurje Party (MS))
- right2	Croatian Party of Rights dr. Ante Starčević (Hrvatska Stranka Prava dr. Ante Starčević, HSP AS)
- regio1	Croatian Democratic Alliance of Slavonia and Baranja (Hrvatski Demo- kratski savez Slavonije i Baranje, HDSSB)
- pension1	Croatian Party of Pensioners (Hrvatska Stranka Umirovljenika, HSU)
- pension2	Bloc Pensioners Together (Blok Umirovljenici Zajedno, BUZ)
- allia1	Social Democratic Party of Croatia (Socijaldemokratska Partija Hrvatska, SDP), Croatian Social Liberal Party (Hrvatska Socijalno Liberalna Stranka, HSLS), Alliance of Primorje-Gorski Kotar (Primorsko Goranski Savez, PGS) and Slavonia-Baranja Croatian Party (Slavonsko-Baranjska Hrvat-
- allia2	ska Stranka, SBHS) Croatian Peasant Party (Hrvatska Seljačka Stranka, HSS), Liberal Party (Liberalna Stranka, LS) Croatian People's Party (Hrvatska Narodna Stranka, HNS) and Istrian Democratic Assembly (Istarski Demokratski Sabor, IDS)
Cyprus	
- social1	Social Democrats Movement (Kinima Socialdemokraton, KISOS), former United Democratic Union of Cyprus, The Socialist Party (EDEK)
- social2	Renewal Democratic Socialist Movement (Ananeotiko Demokratiko Sosialistiko Kinima, ADISOK)
- comm1	Progressive Party of the Working People, The Communist Party (Anorthotiko

Komma tou Ergazomenou Laou, AKEL)

- green1	Cyprus Green Party (Ecological and Environmental Movement, Kinima Oikologoi Perivallontistoi)
- conserv1	The Democratic Rally (Demokratikos Synagermos, DISY)
- conserv2	Pancypriot Militant/Renewal Front (Pankyprio Agonistiko Metopo, PAME)
- liberal1	The Democratic Party (Demokratiko Komma, DIKO)
- liberal2	Free/United Democrats (Enomenoi Democrates, EDI)
- liberal3	New Horizons (Neoi Orizontes, NEO)
- liberal4	European Party (Evropaiko Komma, EVROKO)
- liberal5	Centre Union (Enosi Kentrou, EnKe)
- protest1	Fighting Democratic Movement (Agonistiko Demokratiko Kinima, ADIK)
- allia1	Electoral alliance of The Democratic Party (DIKO), Progressive Party of the Working People (AKEL) and The Socialist Party (EDEK)
Czech Repu	ıblic
- social1	Czechoslovak Party of Social Democracy (Ceská strana sociálne demokratická CSSD)
- social2	Party of Citizen Rights/Zemans' (Strana práv Občanů/Zemanovci SPOZ)
- leftsoc1	Czechoslovak Socialist Party
- comm1	Communist Party of Czechoslovakia (Komunistická strana Ceskoslovenska, SCK,
- comm2	Communist Party of Bohemia and Moravia (Komunistická strana Cech a Moravy, KSCM)
- agrarian1	Alliance of the Farmers and the Countryside (Spojenectví Zemědelcu a Venkova ZSV)
- conserv1	Civic Democratic Party (Obcanska Demokraticka Strana ODS)
- conserv2	SNK European Democrats (SNK Evropští demokraté)
- conserv3	TOP 09 (TOP 09)
- conserv4	Public Affairs (Věci veřejné, VV)
- conserv5 - relig1	Club of Commited Non-Party Members (Klub Angažovaných Nestraníků, KAN) Christian Democratic Union - Czechoslovak People's Party (Kresĭanskaá a Demokratická Unie – Československá Strana Lidová KDU-CSL)
- liberal1	Civic Forum (Obcanské fórum, OF)
- liberal2	Civic Democratic Alliance (Obcanská demokratická aliance, ODA)
- liberal3	Civil Movement (Obcanské hnuti, OH)
- liberal4	Party of Czechoslovak Entrepreneurs, Tradesmen and Farmers (Strana Podni- katelů a Obchodníkú, SPO)
- liberal5	Democratic Union (Demokratická Unie, DU)
- liberal6	Free Democrats - National Social Liberal Party (Svobodni Demokraté - Liberálni
liborol7	Strana Národne Sociální, SD - LSNS)
- liberal7 - liberal8	Freedom Union (Unie Svobody, US)
- liberalo - liberal9	Czech Pirate Party (Česká pirátská strana, Piráti)
	Action of Dissatisfied Citizens (Akce nespokojených občanů 2011, ANO)
- green1 - right1	Green Party (Strana Zelených, SZ) Rally for the Republic - Republican Party of Czechoslovakia (Sdruzení Pro Republiku – Republikánská Strana Československa, SPR-RSC)
- right2	Sovereignty/Jana Bobošíková Bloc (Suverenita/blok Jany Bobošíková, SUV)
- right3	Dawn of Direct Democracy of Tomio Okamura (Úsvit Přímé Demokracie Tomia Okamury, Usvit)
- right4	Party of Free Citizens <i>(Strana svobodných občanů, SSO)</i>
- regio1	Movement for Self-Governing Democracy - Society for Moravia and Silezia
109101	(Hnutí za samosprávnou demokracii-Spolecnost pro Moravu a Slezsko, HSD- SMS)
- pension1	Pensioners for Secure Living (Duchodci za Životní Jistoty, DZJ)
- nonlbl1	Association of Independents (Sdruzeni nezavislych, SN)
- allia1	Liberal Social Union (Liberálne Sociální Unie, LSU)
- allia2	Christian Democratic Union/Czech People's Party and Freedom Union-
	Domocratic Union (Krostanka a Domokraticka Unio/Coskaslovanska Strana

Democratic Union (Krestanka a Demokraticka Unie/Ceskoslovenska Strana

Lidova. KDU/CSL – Unie Svobody/Demokraticka Unie, US/DEU) [christian democrats and liberals]

_						
\mathbf{r}	_	-		_	-	ı٠
1,	e	n	m	и	Г	ĸ

social1
leftsoc1
leftsoc2
comm1
Social Democrats (SD)
Socialist People's Party
Left Socialist Party
Communist Party (DKP)

comm2conserv124) Enhedslisten (EL) The Unity ListConservative People's Party (KF)

- conserv2 15) Independents' Party

- relig1 19) Christian People's Party (KRF)

- liberal 1 5) Radical Party (Social Liberal Party) (RV)

liberal2
liberal3
liberal3
liberal4
liberal4
liberal5
liberal5
liberal6
protest1
protest2
Liberals (Venstre)
ORF)
Democrats
17) Liberal Centre
New Alliance (Y)
21) Progress Party (FP)
22) Common Course

- right1 --- Danish People's Party (DF, splinter from the Progress Party, see EJPR vol.

36: 377)

- green1 The Alternative (Alternativet, Alt)

Estonia

- social1 Secure Home (Kindel Kodu) [comprised of Estonian Coalition Party; Land Union; Democratic Union for Justice and other leftist groupings]

- social 2 Social Democratic Party (Sotsiaaldemokraatlik Erakond, SDE)

[Formerly: Moderates (Mõõdukad, M) [merger of People's Party (Estonian Social Democratic Party + Rural Centre Party) with Moderates; from 1999 known as the People's Party Moderates (Rahvaerakond Mõõdukad)]

- comm1 Justice [comprised of Party for Legal Justice and Estonian Democratic Labour Party]

- agrarian1 Farmers' Union (Põllumeeste Kogu, PK)

- agrarian2 KMU - Estonian Coalition Party (*Eesti Koonderakond, EK*) and Rural Union (*Eesti Maaliit, EM*) [comprised of Estonian Coalition Party (EK or KMU-K), Estonian Rural Union (EM or KMU-M), Estonian Country People's Party (EME), Estonian Pensioners' and Families' League (EPPL) and Farmers' Assembly (PK)]

- agrarian3 Estonian Country People's Party (Eesti Maarahva Erakond, EME)

- conserv1 Homeland - Pro Patria Union (Isamaaliit, IL) [until 1999 Homeland (Isamaa); in 1999 merged with Pro Patria Union}

- conserv2 Republican and Conservative People's Party - Right-Wingers (Vavariiklaste ja Konservatiivne Rahvaerakond – Parempoolsed, VKR)

- conserv3 Res Publica (Ühendus Vabariigi Eest - Res Publica, ResP)

- conserv4 Conservative People's Party (Eesti Konservatiivne Rahvaerakond, EKRE)

[until 2012: Estonian People's Union (Rahvaliit, RL), until 2002: Estonian Country People's Party (Eesti Maarahva Erakond, EME) (agrarian3)]

- conserv5 Pro Patria and Res Publica Union (Isamaa ja Res Publica Liit, IRL)

[merger of Res Publica and Pro Patria Union (Isamaaliit)]

- conserv6 Homeland - Pro Patria Union (Isamaaliit) + Estonian National Indepence Party (ERSP) until 2007,merged in 2007 with the Union for the Republic Res Publica (ResP) and formed Pro Patria and Res Publica Union

- conserv7 Estonian Free Party (Eesti Vabaerakond, EVA)

relig1 Estonian Christian People's Party (Eesti Kristlik Rahvapartei, EKRP)
 liberal1 Estonian Entrepreneurs' Party (Eesti Ettevõtjate Erakond, EEE)

- liberal2 - liberal3 - liberal4 - protest1 - green1 - ethnic1 - ethnic2 - ethnic3 - right1 - right2 - right3 - right4 - pension1 - allia1	Estonian Reform Party (Eesti Reformierakond, RE) Estonian Centre Party (Eesti Keskerakond, KE) Estonian Coalition Party (Eesti Koonderakond, EK) Independent Royalists (Sõltumatud Kuningriiklased, SK) Estonian Greens (Eesti Rohelised, EER) Our Home is Estonia (Meie Kodu on Estimaa, MKE) [comprised of United People's Party; Russian Party; Estonian Russian People's Party] Estonian United People's Party (Eesti Uhendatud Rahvapartei / Obedinennaya Narodnaya Partya Estonii) Russian Party in Estonia (Vene Erakond Eestis, VEE) Estonian Citizens (Eesti Kodanik) Estonian National Independence Party (Eesti Rahvusliku Sõltumatuse Partei, ERSP) Estonian Future Party (Tulevikupartei, TP) Better Estonia + Estonian Citizens (Parem Eesti ja Eesti Kodanik, PE & EK) Estonian Pensioners' Union Popular Front of Estonia (Rahvarinne)
- allia i	Popular Front of Estonia (Ranvarinne)
Finland - social1 - leftsoc1 - comm1 - comm2 - comm3 - agrarian1 - conserv1 - relig1 - liberal1 - liberal2 - protest1 - green1 - ethnic1 - right1	1) Social Democratic Party (SDP) 15) Social Democratic League (belongs to 1 before 1958 and after 1972) 13) Finnish People's Democratic Union (SKDL) 22) Democratic Alternative (DEVA) 23) Left-Wing Alliance (VAS) 4) Centre Party (KESK),[1983: Electoral Alliance with the Liberal Party (9)] 8) National Coalition (KOK) 16) Christian Democrats (KD) (until 1999: Christian League (SKL)) 9) Liberal People's Party (LKP) Progressive Finnish Party (NUORS) 17) Finnish Rural Party (SMP)) (since 1995: True Finns (right1)) 20) Green League (VIHR) 2) Swedish People's Party (SFP/RKP) 17) True Finns (PS) (until 1994: Finnish Rural Party (SMP; protest1))
France - social1 - social2 - social3	1) Socialist Party (PS) Other Left 1967/1968: Electoral Alliance of Socialist Party (1) and Radical Socialist Party (2)
- leftsoc1 - leftsoc2 - comm1	 (2) 19) Unified Socialist Party Extreme/Far Left (Extrême gauche) 9) Communist Party (since 2009: most important part of the coalition Left Front)
- conserv1 - conserv2	12) Conservatives/Moderates 14) Gaullists, Rally for the Rebublic (RPR) (in 2002: Union for a Presidential Majority (UMP); in 2007: Union for a Popular Movement (UMP))
- conserv3	20) Republican Party (PR)
- conserv4	30) Union for French Democracy (UDF)
- conserv5	 Centre Democracy and Progress (CDP, only in 1973; from 1973 on belongs to 21)
- relig1	13) Popular Republican Movement (MRP)
- relig2 - relig3	21) Democratic Centre (belongs to 30 since 1978) 26) Reformers' Movement (only in 1973 as a coalition of 2, 21 and some
- relia4	smaller parties) New Centre (NC)

- relig4

New Centre (NC)

```
2) Radical Socialist Party (RSP)
- liberal1
- liberal2
              25) Radical Left (PRG) formelly called Left Radicals (MRG) (see Hix 1997: 37)
- green1
              28) Greens (V, since 2010: Europe Ecologie – Les Verts)
- green2
              31) Generation Ecology
              --- Other Ecologists (Autres Ecologistes)
- green3
- right1
              29) National Front
Germany
- social1
              2) Social Democrats (SPD)
              --- Party of Democratic Socialism (PDS) (since 2005: Left Party)
- comm1
              47) All-German Party (Gesamtdeutsche Partei)
- conserv1
- conserv2
              41) German Party (DP)
              36) Christian Democratic Union (CDU)
- relig1
- relig2
              37) Christian Social Union (CSU)
- liberal1
              38) Free Democrats (FDP)
- liberal2
              --- Pirate Party
- green1
              51) Greens/Alliance 90
- ethnic1
              45) Refugee Party (GB/BHE)
              49) National Democratic Party (NDP)
- right1
- right2
              57) Republicans
              --- Alternative for Germany (AFD)
- right3
Greece
- social1
              37) Pan-Hellenic Socialist Movement (PASOK) [in 2015: run under the name
                    "Deomcratic Coalition (Dimokratiki Symparataxi)"]
- social2
              --- Democratic Social Movement
- social3
              Democratic Coalition (Dimokratiki Symparataxi) formed by PASOK und DI-
                    MAR
- social4
              The River (To Potami, P)
- leftsoc1
              --- Democratic Left (DIMAR) [in 2015: run under the name "Deomcratic Coali-
                    tion (Dimokratiki Symparataxi)"]
- leftsoc2
              Coalition of the Radical Left (SYRIZA; until 2004: SYN comm3)
- leftsoc3
              Popular Unity (Laiki Enotita, LAE)
              4) Communist Party of Greece (KKE)
- comm1
              United Left [formed of the 25] United Democratic Left (EDA), the Communist
- comm2
                    party (KKE) and the Communist Party of the Interior (KKEes)]
              47) Left and Progress (SYN, since 2004: SYRIZA leftsoc2)
- comm3
- comm4
              35) Communist Party of the Interior (KKEes)
              29) National Radical Union (ERE)
- conserv1
              31) Progressives (KP)
- conserv2
              36) New Democracy (ND)
- conserv3
              50) Political Spring (POLAN)
- conserv4
- conserv5
              30) Popular Social Party (LKK)
              32) Centre Union, Union of the Democratic Centre (EDIK)
- liberal1
              1) Liberal Party (KF)
- liberal2
              24) Farmers' and Workers' Rally (SAE)
- liberal3
- liberal4
              The Union of Centrists (Enosi Kentroon, EK)
              --- Ecologists Greens (OP)
- green1
- right1
              38) National Alignment, National Front (EM)
              --- Popular Orthodox Rally (LAOS)
- right2
```

--- Independent Hellenes (ANEL)

--- Golden Dawn (XA)

right3right4

Hungary	
- social1	Hungarian Socialist Party (Magyar Szocialista Párt, MSzP). In 2014, MSzP was in an electoral coalition (Unity) with Together (Együtt), Democratic Coalition (DK), Dialogue for Hungary (PM) and the Hungarian Liberal Party (MLP).
- social2	Hungarian Social Democratic Party (Magyar Szocialdemokrata Párt, MSDP)
- comm1	Hungarian Socialist Workers' Party/Workers' Party (Magyar Szocialista Munkáspárt / Munkáspár, MSZMP/MP)
 agrarian1 	Independent Smallholders Party (Független Kisgazdapárt, FKGP)
agrarian2	Agrarian Alliance (Agrarszovetseg, ASZ)
- conserv1	Hungarian Democratic Forum (Magyar Demokrata Fórum, MDF)
- conserv2	Republican Party (Koztarsasag Part, KP)
- conserv3	Alliance for Hungary Centre Party (Osszefogas Magyarorszagert Centrum, OMC)
- conserv4	Hungarian Civic Union (Magyar Polgári Szövetség, Fidesz). In 2002, Fidesz was in an electoral coalition with the Hungarian Democratic Forum (MDF) and in 2006, 2010 and 2014 with the Christian Democratic People's Party (KDNP).
- relig1	Christian Democratic People's Party (Keresztény Demokrata Néppárt, KDNP)
- liberal1	Alliance of Free Democrats (Szabad Demokratak Szövetsege, SzDSz)
- green1	Politics Can be Different (Lehet Más a Politika, LMP)
- right1	Hungarian Justice and Life Party (Magyar Igazsag es Élet Partya, MIÉP)
- right2	Movement for a Better Hungary (Jobbik)

Iceland

iceiana	
- social1	7) Social Democrats (SDP)
- social2	22) Social Democratic Federation
- social3	People's Movement (PM)
- leftsoc1	36) Social Democratic Alliance (SDA), (1999: United Left)
- leftsoc2	17) National Preservation Party
- comm1	37) Left-Greens (LG), until 1999: People's Alliance (PA))
- agrarian1	8) Progressive Party (PP)

- conserv1 13) Independence Party II (IP) - liberal1 20) Union of Liberals and Leftists (ULL)

- liberal2 --- Bright Future (BF) --- Pirates (P) - liberal3

24) Cititzens' Party II - protest1 - protest2 38) Liberal Party (LP)

--- The Civic Movement (founded in 2009; the party only existed for a few - protest3 months. Due to internal conflict a new party was formed: The Movement)

--- Dawn - protest4

--- Democracy Watch - protest5 23) Women's Alliance (WA) - green1 --- Iceland Movement - green2 - right1 --- Households' Party

Note:

1999: The People's Alliance (14), the Social Democrats (7) and the Women's Alliance (23) formed the United Left and were assigned to the category leftsoc1. A breakaway group from the People's Alliance (14) remains in the category comm1 as the Left-Green Party (EJPR 2000, vol. 38).

Ireland

- social1 8) Irish Labour Party - leftsoc1 19) Workers' Party

- leftsoc2 --- Democratic Left (joined Labour Party in 2002)

--- United Left Alliance (formed of the Socialist Party, People Before Profit Alli-- leftsoc3 ance and Workers and Unemployed Action Group) 14) Fine Gael - relig1 - liberal1 10) Fianna Fail - liberal2 15) Party of the Land (Clann na Talmhan) - green1 24) Green Party 6) Sinn Féin II, Sinn Féin III from 1982 onwards - ethnic1 25) Progressive Democrats (dissolved in 2009) - ethnic2 - ethnic3 20) National H-Block Committee Italy 3) Socialist Party (PSI) (in 2001: New PSI) - social1 31) United Socialist Party (PSU/only in 1968, as a coalition of 3 and 23) - social2 23) Social Democratic Party (PSDI), [2001: Alliance with the Greens under the - social3 name "the Sunflower", 2006: Alliance with the Radical Party (PR) under the name Rose in the Fist] - social4 --- Democratic Party (PD) (formed of the Olive Tree and the Radical Party (PR), in 2006: The Olive Tree (the list comprises the Democrats of the Left (DS) and the Margherita-Daisy (DI))) - leftsoc1 30) Socialist Party of Proletarian Unity (PSIUP; belongs to 11 after 1972) --- Democrats of the Left (DS) (reformist wing of the disbanded PCI (1991)) - leftsoc2 - leftsoc3 ---The Left/The Rainbow (SA) --- Left, Ecology, Freedom (Sinistra Ecologia Libertà, SEL) - leftsoc4 --- Civic Revolution (Rivoluzione civile, CR) - leftsoc5 11) Communist Party (PCI) - comm1 50) Communist Refoundation (RC) (left wing of the dispanded PCI (1991)) - comm2 61) Forza Italia - conserv1 20) Monarchist Party - conserv2 27) Popular Monarchist Party - conserv3 - conserv4 --- The People of Freedom (PDL), (comprised of Forza Italia and National Alliance) - relig1 17) Christian Democratic Party (DC), (since 1994: Italian Popular Party (PPI)) - relig2 --- Segni Pact (Patto Segni) - relig3 --- Christian Democratic Centre (CCD)/United Christian Democrats (CDU) (conservative wing of the former DC (since 1994)) (since 2006 under the name Democratic Centre Union) --- European Democracy (DE) - relig4 - liberal1 19) Liberal Party (PLI) - liberal2 4) Republican Party (PRI) - liberal3 34) Radical Party (PR) - liberal4 --- Dini List - Italian Renewal (RI) - liberal5 --- Di Pietro List - liberal6 --- Civic Choice-Monti for Italy (Scelta civica-Monti per l'Italia, SC) --- Pannella List Reformers - protest1 --- Five Stars Movement (Movimento 5 Stelle, M5S) - protest2 45) Greens (formerly Green Federation) - green1 24) National Alliance (AN) (formerly Social Movement (MSI-DN)) - right1 - right2 42) Northern League (formerly Lombard League) - allia1 2001: La Margherita (PPI, the Democrats, Italian Renewal, UDEUR)

Notes:

1994: Introduction of a new electoral system. 474 MPs of 630 are elected on the basis of a "single-ballot first-past-the post system"; the remaining 156 seats are distributed on the basis of a "proportional formula" (EJPR 1995: 398). Data on votes refer to the (proportional) list votes, data on seats refer to the total of seats gained by the party (proportional)

plus plurality system). However, by the end of 2005, a party-list proportional representation system was re-introduced.

Japan

- social 35) Social Democratic Party (Socialist Party) (SDP)
- social2
 social3
 comm1
 d4) Democratic Socialist Party (DSP)
 Democratic Party of Japan (DPJ)
 Japanese Communist Party (JCP)
- conserv1 43) Liberal Democratic Party (LDP)
- conserv2 48) Japan Renewal Party (Shinsei To) (JRP)
- conserv3 49) Japan New Party (JNP)
- --- New Frontier Party (NFP) (Merger of JRP, JNP, DSP, and Komei in 1994. In 1997, NFP broke up into Democratic Political Pary, Komeito and Liberal Party.) Liberal Party (LP) (successor of NFP after its break-up in 1997; joined DP in 2003)
- conserv5 --- (New) Sakigake Party (Splinter from LDP, 1993)
- relig1 45) Komei Party, Komeito (Clean Government Party) (CGP)
 liberal1 46) New Liberal Club (belongs to 43 before 1979 and after 1986)
- liberal2 --- Your Party (YP)
- liberal3
 green1
 right1
 Japan Innovation Party (JIP)
 Tomorrow Party of Japan (TPJ)
 Japan Restoration Party (JRP)
- right2 --- Party for Future Generations (PFG)

Note:

1996: Introduction of a new electoral system. 300 of 500 MPs (since 2014, 295 of 475) are elected in "single-seat constituencies with non-transferable single ballot and simple plurality", the remaining 200 (180, since 2000) seats are distributed according to "proportional representation" (EJPR 1995: 412). Data on votes are arithmetic means of votes in both systems. For example: LDP received 38.6% of votes in single-seats constituencies and had had a share of 32.8% in the proportional system. The arithmetic mean is: (38.6*300/500)+(32.8*200/500)=36.28=36.3.

Latvia

- social1 Democratic Centre Party (since 1995, Democratic Party "Master" (DPS Saimnieks)
- social2 Harmony for Latvia Revival for the Economy (Saskana Latvijai Atdzimsana Tautsaimniecîbai)
- social3 National Harmony Party (Tautas Saskanas Partija, TSP)
- social4 Coalition "Labour and Justice" [comprised of Latvian Democratic Labour Party; Latvian Social Democratic Workers Party; Party for the Defence of Latvia's Defrauded People "Justice"]
- social5 Latvian Social-Democratic Alliance (Latvijas Sociāldemokrātu Apvienība, LSDA)
- social6 New Party (Jauna partija, JP)
- social7 Latvian Social Democratic Workers' Party (Latvijas Socialdemokratiska Strandnieku Partija, LSDSP)
- social8 Social Democratic Party "Harmony" (Sociāldemokrātiskā Partija "Saskaņa", SDPS) (until 2010: Harmony Centre (Saskaņas Centrs) [formed in 2005 from National Harmony Party, Socialist Party of Latvia and "New Centre"])
- leftsoc1 Latvia's Unity Party (Latvijas Vienības Partija, LVP)
- comm1 Latvian Socialist Party (Latvijas Socialistiska Partija / Socialisticheskaya Partiya Latvii)
- agrarian1 Latvian Farmers' Union (Latvijas Zemnieku Savienība, LZS)
- agrarian2 Union of Greens and Farmers (Zaïo un Zemnieku savienîba, ZZS) [comprised of Latvian Green Party (Latvijas Zaïâ Partija, LZP) and Latvian Farmers' Union (Latvijas Zemnieku savienîba)]

- conserv1	United list of Latvia's Farmers' Union and Latvian Christian Democratic Union and Latgale Democratic Party
- conserv2	Unity (Vienotība V)
- conserv3	For good Latvia (Par labu Latviju, PLL)
- conserv4	Zatler's Reform Party (Zatlera Reformu partija, ZRP)
- conserv5	Latvian Popular Front (Latvijas Tautas Fronte, LTF)
- conserv6	Peoples' Party (Tautas Partija, TP)
- conserv7	For Latvia from the Heart (No sirds Latvijai, NSL)
- conserv8	Alliance of Latvia's Regions (Latvijas Reģionu apvienība, LRA)
- relig1	Latvian Christian Democratic Union (Latvijas Kristīgo Demokrātu Savienība, LKDS)
- relig2	Latvia's First Party (Latvijas Pirma Partija, LPP)
- liberal1	Latvia's Way (Latvijas Ceļš, LC)
- liberal2	New Era (Jaunais laiks, JL)
- ethnic1	For Equal Rights in a United Latvia [since 1998: For Human Rights in a United Latvia (Par cilvçka tiesîbâm vienotâ Latvijâ, PCTVL)]
- right1	For Homeland (Fatherland) and Freedom TB
- right2	Latvian National Independence Movement (Latvijas Nacionālas Neatkarības Kustība, LNNK)
- right3	People's (National) Movement for Latvia - Siegerist Party (Tautas Kustība Latvijai – Zīgerista Partija, TKL-ZP)
- right4	Alliance for Homeland and Freedom / Latvian National Independence Movement (TB/LNNK)
- right5	National Alliance/For Fatherland and Freedom/LNNK (NA/TB/LNNK) (competed in 2011 under the name National Union [Nacionālā apvienība "Visu Latvijai!" – "Tēvzemei un Brīvībai/LNNK], NA)
- allia1	Latvian National Independence Movement + Latvian Green Party
- allia2	Labour Party + Latvian Christian Democratic Union + Latvian Green Party
- allia3	Latvia's First Party and Latvia's Way (Latvijas Pirmā partija/Latvijas Ceļš, LPP/LC)
Lithuania	
- social1	Lithuanian Social-Democratic Party (Lietuvos Socialdemokratu Partija, LSDP) [2000 election: Largest part of the Social-Democratic Coalition of Algirdas Brazauskas which involved addidionally the Lithuanian Democratic Labour Party, the Union of Lithuanian Russions and the Party of New Democracy, 2004 elections: Largest part of the Coalition of Algirdas Brazauskas and Artras Paulauskas 'Working for Lithuania' (Algirdo Brazausko ir Art ro Paulausko koalicija'U darb Lietuvai')]
- social2	Labour Party (<i>Darbo partija</i> , <i>DP</i>) [2008: Coalition of Labour Party + Youth (<i>Darbo partija</i> + <i>jaunimas</i>)]
- social3	Frontas Party (Fronto partija)
- leftsoc1	Lithuanian Social-Democratic Party (Lietuvos Socialdemokratu Partija, LSDP)
- postcom1	Lithuanian Democratic Labour Party (Lietuvos Demokratine Darbo Partija, LDDP)
- agrarian1	Lithuanian Peasant's Party (Lietuvos Valstiečių Partija, LVP)
- agrarian2	Lithuanian Peasant's People Union (Lietuvos valstiecių liaudininkų sajunga,
- relig1	LPPU), [former Union for Farmers and New Democratic Party] Lithuanian Christian Democratic Party (Lietuvos Krikščionių Demokratų Partija LKDP), [in 1992: Alliance with the Union of Political Prisoners and Depor-
- rolia?	tees and Lithuanian Democratic Party] Christian Democratic Union
- relig2 - relig3	
- relig3	Christian Conservative Social Union (Krikščionių konservatorių socialinė sąjunga, KKSS) [in 2000: Union of Moderate Conservatives]
- liberal1	Lithuanian Centre Movement
- liberal2	Homeland Union - Lithuanian Conservatives (Tevnes Sajunga – Lietuvos Kon-
- liberal3	servatoriai, TS-LK) Lithuanian Centre Union (Lietuvos Centro Sajunga, LCS)

_	
- liberal4	Lithuanian Liberal Union (Lietuvos Liberalų Sajunga, LLS)
- liberal5	New Union - Social Liberals (Naujoji Sajunga - Socialliberalai, NS-SL)
- liberal6	Party Order and Justice (Partija Tvarka ir teisingumas, O&J) [competed in 200 under the name Coalition of Rolandas Paksas "For Order and Justice"]
- liberal7	Liberal Movement of Lithuanian Republic (Lietuvos Respublikos Liberalų sajudi LMLR)
- ethnic1	Electoral Action of the Lithuanian Poles (1992: Union of Lithunian Poles) (Lietuvos Lenkų Rinkimų Akcija LLRA)
- ethnic2	Alliance of the the Lithuanian National Minorities
- protest1	Nation's Resurrection Party (Tautos prisikelimo partija, NRP)
- protest2	Political Party "Way of Courage" (Politine partija "Drasos kelias", DK)
- right1	Lithuanian National Party 'Young Lithuania' (Lietuviu Nacionaline Partija 'Jaunoji Lietuva', LNP-JL)
- right2	Lithuanian National Union List [comprised of Lithuanian National Union and Independent Party]
- right3	Lithuanian National Union and Lithuanian Democratic Party
- femin1	Lithuanian Women's Party
- allia1	Sajudis Coalition [comprised of Lithuanian Movement Sajudis and Charter of Lithuanian Citizens and Union of Lithuanian Political Prisoners and Lithuanian Green Party]
- allia2	Lithuanian Christian Democratic Union and Lithuanian National Youth Union "Young Lithuania"
Luxemboui	rg
- social1	2) Socialist Workers' Party (LSAP)
- social2	19) Social Democratic Party (SDP)
- social3	21) Independent Socialists
- leftsoc1	The Left
- comm1	7) Communist Party (KPL)

L	ΙX	en	n	D	O	u	rg

- social1	2) Socialist Workers' Party (LSAP)
- social2	19) Social Democratic Party (SDP)
- social3	21) Independent Socialists

1) Christian Social Party (PCS/CSV) - relig1 16) Democratic Party (Liberal Party) (DP) - liberal1

--- Pirate Party (Piratepartei, PP) - liberal2

- protest1 18) Independent Movement (split into two factions after 1968, one belonging to 1 and the other to 16)

20) Enrôlés de force - protest2

- protest3 24) Alternative Democratic Reform Party (Alternativ Demokratesch Reformpartei, ADR) (Until 2006: Action Committee for Democracy and Pensions' Right (Pensions Action)

23) Green Alternative (GAP) - green1

- green2 26) Green Left (GLEI)

28) Green Party (GLEI-GAP) (a merger of 23 and 26 in 1994) - green3

27) Luxembourg for the Luxembourgers - right1

Malta

- social1	Malta Labour Party, MLP (Partit Laburista)
- relig1	Nationalist Party, PN (Partit Nazzjonalista)
- relig2	Christian Workers' Party (Partit Haddiema Nsara)
- relig3	Progressive Constitutionalist Party (Partit Kostituzzjonali Progressiv)
- relig4	Democratic Nationalist Party (Partit Democratiku Nazzjonalista)

Netherlands

- social1	23) Labour Party (PvdA)
- social2	30) Democratic Socialists'

Democratic Socialists' 70 (before 1971 belonging to 23)

- leftsoc1 27) Pacifist Socialist Party - leftsoc2 38) Socialist Party (SP)

10) Communist Party (CPN) - comm1 1) Anti Revolutionary Party (ARP) (in 1998: Reformed Political Federation - relig1 (RPF), a splinter from the ARP) - relig2 2) Catholic People's Party (KVP) - relig3 6) Christian Historical Union (CHU) - relig4 32) Radical Political Party - relig5 34) Christian Democratic Appeal (CDA) (merger of ARP, KVP, and CHU in 1977) - relig6 --- Christian Union (merger of RPF and Reformed Political Union in 2002) - relia7 14) Political Reformed Party (SGP) - liberal1 24) People's Party for Freedom and Democracy (Liberal Party) (VVD) - liberal2 29) Democrats 66 (D66) 28) People's Party of the Right (formerly Farmers' Party) - protest1 - protest2 42) United Old Persons' League, General Association of Elderly People (AOV) 38) Green Left (merger of 10, 27, 32 and Evangelical People's Party in 1989) - green1 --- Centre Democrats (CD) - right1 - right2 --- List Pim Fortuyn (LPF) - right3 --- Freedom Party/Group Wilders (PVV)

New Zealand

social1social23) Labour Party (LP)social218) New Labour Party

- social3 20) Alliance (Merger of 11, 17, 18, and two minor parties in 1993)

- comm1 12) Socialist Unity Party (between 1972 and 1984 party was a formation of the Communist Party)

- conserv1 9) National Party (NP)

- conserv2 --- United Future New Zealand

conserv3
conserv4
relig1
relig2
21) New Zealand First
Conservative Party (CP)
15) New Zealand Party
16) Christian Heritage

- relig3 Christian Coalition [electoral alliance of Christian Heritage Party (16) and the Christian Democrats]

- liberal1 11) Social Credit Party, Democratic Party

- liberal2 --- Association of Consumers and Taxpayers (ACT)

- green1 13) Values Party

- green2 17) Green Party (Aotearoa) (was part of Alliance (20) from 1991 until 1998)

- ethnic1 --- Maori Party

Note:

1996: Introduction of the Mixed Proportional System (MMP). Voters have two votes: one for the preferred party and one for the preferred candidate (EJPR 1997: 452). Data on votes refer to the percentages of 'party votes'.

Norway

- social1 4) Labour Party (DNA)
- leftsoc1 14) Socialist Left Party (SV)

comm1agrarian1Ommunist PartyCentre Party (SP)

conserv1 2) Conservatives (Hoyre) (H)relig1 10) Christian People's Party (KRF)

- liberal 1) Liberals (Venstre) (V)

- liberal 2 16) Liberal People's Party, New People's Party

- protest1 15) Progress Party (Fremskrittspartiet, FRP) (formerly Anders Lange's Party) [right1 since 2013]

- green1	The Greens (Miljøpartiet de Grønne, MDG)
- right1	15) Progress Party (Fremskrittspartiet, FRP) (formerly Anders Lange's Party)
	[protest1 until 2013]
	[protostr until 2010]
Poland	
- social1	Solidarity (Solidarnosc)
- social2	Labour Solidarity (Solidarnosc Pracy)
- social3	Alliance of the Democratic Left (Sojusz Lewicy Demokratycznej, SLD) [comprised
ocolaio	of Social Democracy of the Republic of Poland; All-Polish Accord of
	Trade Unions; Polish Socialist Party (PPS)]
- social4	Labour Union (Unia Pracy, UP)
- social5	Polish Social Democracy (Socjaldemokracja Polska, SdPI)
- social6	Left and Democrats (Koalicyjny Komitet Wyborczy Lewica i Demokraci, LiD) [com-
	prised by Alliance of the Democratic Left (SLD), Polish Social Democra-
	cy (SdPl), Labor Union (<i>Unia Pracy, UP</i>) and Democratic Party (PD)])
- social7	United Left (<i>Zjednoczona Lewica, ZL</i>) = electoral alliance of SLD (Alliance of
	the Democratic Left), TR (Your Movement), PPS (Polish Socialist Party),
	UP (Labour Union) and the Greens (Zieloni)
- agrarian1	Polish Peasant Party (Polskie Stronnictwo Ludowe, PSL)
- agrarian2	Peasant Alliance PL [comprised of Solidarity Polish Peasant Party and Rural
	Solidarity Peasant Union]
- agrarian3	Self-Defence of Polish Republic (Samoobrona Rzeczypospolitej Polskiej, SRP)
- conserv1	Union of the Right of the Republic (Unia Prawicy Rzeczpospolitej, UPR) [formed
	around the Union of Political Realism by several conservative groups]
- conserv2	Coalition for the Republic [comprised of Movement for the Republic, Polish
	Action and Freedom Party]
- conserv3	Law and Justice (Prawo i Sprawiedliwość, PiS), successor of the Center Agree-
	ment Party (Porozumienie Centrum, PC) which was the main party in the
	1991 electoral alliance Civic Center Alliance (Porozumienie Obywatelskie
_	Centrum, POC)
- conserv4	Poland Comes First (Polska jest Najważniejsza, PJN)
- relig1	Party of Christian Democrats (Partia Chrzescijanskich Demokratów, PChD)
- relig2	Union of Political Realism (Unia Polityki Realnej, UPR)
- relig3	Catholic Election Action (Wyborcza Akcja Katolicka, WAK) [comprised of Chris-
	tian National Union; Conservative Party and other small groupings]
- relig4	Fatherland Catholic Electoral Committee [comprised of Christian National Un-
	ion; Conservative Party and Christian Peasant Party]
- relig5	Solidarity Election Action (Akjia Wyborcza Solidarność, AWS)
- relig6	League of Polish Families (Liga Polskich Rodzin. LPR)
- liberal1	Democratic Union (Unia Demokratyczna, UD)
- liberal2	Liberal Democratic Congress (Kongres LiberalnoDemokratyczny, KLD)
- liberal3	Non Party Reform Bloc (Bezpartyjny Blok Wspierania Reform, BBWR)
- liberal4	Democratic Party-democrats.pl (Partia Demokratyczna-democraci.pl, PD)
	[formerly Freedom Union (Unia Wolności, UW) [merger of Democratic
	Union (liberal1) and Liberal Democratic Congress (liberal2)]
- liberal5	Civic Platform (Platforma Obywatelska)
- liberal6	Your Movement (<i>Twoj Ruch, TR</i>) [until 2013: Palikot's Movement (<i>Ruch Palikota,</i>
mooraro	RP)]
- liberal7	Ryszard Petru's Modern (Nowoczesna, .N)
- right1	Confederation for Independent Poland (Konfederacja Polski Niepodległej, KPN)
- right2	Party X (Partia X)
- right3	Movement for Rebuilding Poland (Ruch Odbudowy Polski, ROP)
- right4	Kukiz'15 (K)
- nonlbl1	Polish Friends of Beer Party (Polska Partia Przyjaciół Piwa, PPPP)
HOHIDH	TOHOLLI HOLIUS OF DOOL LARLY (FOISKA FAILIA FIZYJAGIOLFIWA, FFFF)

Portugal	4) 0 : 1: (D) ((D0)
- social1	4) Socialist Party (PS)
leftsoc1leftsoc2	7) Popular Democratic Union (UDP) Block of the Left (BE) (Merger of Popular Democratic Union (7), Socialist
10110002	Revolutionary Party and Politica XXI in 1999)
- comm1	5) Democratic Movement
- comm2	2/19) Communist Party/Greens (PCP-PEV), [also known as United Democratic Coalition (CDU); until 1978: Communist Party; 1979-1985: In alliance with the Democratic Movement under the Name United People Alliance 1987: Merger with the Greens]
- relig1	 Centre Social Democrats, Popular Party (CDS-PP) (in 2015: in alliance "Portugal Alliance (Alianca Portugal)" with PSD)
- liberal1	3) Social Democratic Party (<i>Partido Social Democrata</i> , <i>PSD</i>), (until 1977 Popular Democratic Party (PPD); in 2015: in alliance "Portugal Alliance (<i>Alianca Portugal</i>)" with CDS-PP)
- liberal2	17) Democratic Renewal Party (PRD)
- green1 - allia1	16) Greens 1070 and 1080: Floctoral Alliance of Centre Social Democrate (1) Social
- allia i	1979 and 1980: Electoral Alliance of Centre Social Democrats (1), Social Democrats (3), and Popular Monarchist Party.
Romania	
- social1	Social Democratic Party (Partidul Social Democrat, PSD), [former National Salvation Front = Democratic National Salvation Front = Party of Social Democracy from Romania (Partidul Democratiei Sociale din Romania PDSR); in 2004: Alliance with the Humanist Party of Romania (Partidul Umanist din
- social2	Romania, PUR), in 2008: Alliance with the Conservator Party] Democratic Party (Partidul Democrat PD), [former National Salvation Front - Democratic Party; In 1996: major part of the Social Democratic Union Uni- unea Social Democrată); comprised of Democratic Party and the Social Democratic Party of Romania]
- social3	Alliance for Romania <i>(Alianţa pentru România)</i>
- leftsoc1	Socialist Party (Partidul Socialist)
- postcom1	Socialist Party of Labour (Partidul Socialist al Muncii)
- agrarian1	Democratic Agrarian Party from Romania (Partidul Democrat Agrar din România, PDAR)
- relig1	National Peasants' Party - Christian Democratic (Partidul Naţional Ţărănesc – Creştin Democrat)
- liberal1 - liberal2	National Liberal Party (Partidul Naţional Libera, PNL) Alliance Truth and Justice, in 2004: electoral alliance of the National liberal party (liberal1) and the Democratic Party (social2)
- liberal3	Democrat-Liberal Party (Partidul Democrat-Liberal) [formed through the incorporation of a PNL dissident group into the Democrat Party, 2012: major part in the Right Romania Alliance (Alianţa România Dreaptă, ARD) also part of the electortal alliance were the National Christian Democrat Peasant Party (Partidul Naţional Ţărănesc – Creştin Democrat, PNTCD) and the Civic Force Party (Partidul Forţa Civică, PFC)]
- green1 - ethnic1	Ecological Movement from Romania (Mişcarea Ecologistă din România, MER) Democratic Union of Hungarians from Romania (Uniunea Democrată a Maghiară din România)
- right1 - right2	Greater Romania Party (Partidul România Mare) Party of National Unity of Romanians (Partidul Unității Naționale Române PUNR), [1990: in alliance with the Republican Party]
- person1 - nonlbl1	Polpular Party Dan Diaconescu (Partidul Popular Dan Diaconescu, PPDD) New Generation Party (PNG)-Christian-Democrat (Partidul Noua Generaţie/Crestin-Democrat)

- allia1	Democratic Convention from Romania (Convenţia Democrată din România), [In 2000: Democratic Convention from Romania 2000 (Convenţia Democrată din România 2000)]
- allia2	Social Liberal Union (Uniunea Social Liberală, USL), [the alliance consists of the Social Democratic Party (Partidul Social Democrat, PSD), National Liberal Party (Partidul Naţional Libera, PNL) and Conservative Party (PC)]
Slovakia	
- social1	Social Democratic Party of Slovakia (Socialno Democratická Strana Slovenska, SDSS)
- social2	Common Choice (Spoločná Voĺba, SV) [comprised of Party of the Democratic Left; Social Democratic Party of Slovakia; Party of Greens in Slovakia; Agricultural Movement of the Slovak Republic]
- social3	Direction/Social Democracy (Smer-SD) [in 2002/03: only Smer; in 2004: SDL' and SDA both merged with Smer to Smer-SD)
- social4	Party of the Democratic Left (Strana Demokratickej Lavice, SDL') [founded in 2005 after the original Party of the Democratic Left (leftsoc1) merged with Smer-SD (social3) in 2004]
- leftsoc1	Party of the Democratic Left (Strana Demokratickej Lavice, SDL') [since 1996]
- comm1	Communist Party of Slovakia (Komunisticka Strana Slovenska, KSS)
- comm2	Association of Slovak Workers (Združenie Robotníkov Slovenska, ZRS)
- postcom1	Party of the Democratic Left (Strana Demokratickej Lavice, SDL') [until 1996]
- agrarian1	Alliance of Farmers and the Countryside
- relig1	Christian Democratic Movement (Krestanskodemokraticke Hnutie, KDH)
- relig2	Slovak Democratic and Christian Union (SDKU) [in 2006 merged with Democratic Party to SDKU-DS)]
- relig3	Christian Social Union (Kresťansko Socialná Unia, KSU)
- relig4	Free Forum (Slobodné fórum) [split in 2004 from SDKU]
- liberal1	Public Against Violence (since 1992 - Civil Democratic Union) (Verejnost' proti násiliu, VPN; 1992: Obcianská demokratické únia, ODÚ)
- liberal2	Democratic Party (Demokratická Strana, DS)
- liberal3	Democratic Party - Civil Democratic Party
- liberal4	Democratic Union of Slovakia (Demokratická Únia Slovenska, DUS)
- liberal5	The Slovak Democratic Coalition (Slovenská Demokratická Koalicia, SDK)
- liberal6	Party of Civic Understanding (Strana Občianskeho Porozumenia, SOP)
- liberal7	Alliance of New Citizens (Aliancia nového obcana, ANO)
- liberal8	Freedom and Solidarity (Sloboda a soldarita, SaS)
- green1	Party of Greens (Strana zelených, SZ)
- green2	Party of Greens in Slovakia (Strana zelených na Slovensku, SZS)
- ethnic1	Coexistence and Hungarian Christian Democratic Movement
- ethnic2	Party of the Hungarian Coalition (Magyar Koalitio Partja, SMK) (1994: Hungarian Coalition)
- ethnic3	Hungarian Civíc Party <i>(Magyar Polgári Párt - Maďarská obcanská strana, MPP- MOS)</i>
- ethnic4	The Bridge (Most-Hid)
- right1	Slovak National Party (Slovenská národná strana, SNS)
- right2	Movement for a Democratic Slovakia (Hnutie za demokratické Slovensko, HZDS, since 2006: L'S-HZDS) (in 1994 HZDS was in an electoral alliance with the Peasants Party of Slovakia)
- right3	The Real Slovak National Party (Pravá Slovenská národná strana, PSNS)
- right4	Movement for Democracy (Hnutie za demokraciu, HZD)

Slovenia

- social1 Alliance of Socialists

- social2	Social Democrats (Socialni demokrati, SD) [former United List of Social Democrats, ZLSD]
- social3	Social Democratic Party of Slovenia (Socialdemokratska Stranka Slovenije, SDS)
- social4	Socialist Party of Slovenia (Socialistièna Stranka Slovenije, SSS)
- social5	Slovenia is Ours (Slovenija je naša, SJN)
- social6	Positive Slovenia/List Zorana Jankovića (Pozitivna Slovenija/Lista Zorana Jankovića, LZJ-PS)
- postcom1	Party of Democratic Renewal
postcom2	United Left Coalition (Združena levica, ZL)
- agrarian1	Slovenian People's Party (Slovenska Ljudska Stranka, SLS)
- conserv1	National Democrats and Slovenian Party
- relig1	Slovenian Christian Democratic Party (Slovenski Krščanski Demokrati, SKD)
- relig2	New Slovenia and People's Christian Party (NSi)
- liberal1 - liberal2	Liberal Democracy of Slovenia (Liberalna Demokracija Slovenije, LDS)
- liberal3	Democratic Party of Slovenia (Demokratična Stranka Slovenije, DSS) Liberal Party (Liberalna Stranka/Slovenski Liberalci, LS)
- liberal4	Party for Real/New Politics (Zares/nova politika, ZARES)
- liberal5	Civic List (Državljanska lista, DL) (until 2012: Citizens' Alliance of Gregor Virant
	(Državljanska lista Gregorja Viranta, DLGV))
- liberal6	Alliance of Alenka Bratusek (Zavezništvo Alenke Bratušek, ZaAB)
- liberal7	Party of Miro Cerar (Stranka Mira Cerarja, MC)
- green1	Greens of Slovenia (Zeleni Slovenije, ZS)
- ethnic1	representative of Hungarian minority
- ethnic2	representative of Italian minority
- right1	Slovenian National Party (Slovenska Nacionalna Stranka, SNS)
pension1nonlbl1	Democratic Party of Pensioners (DeSUS)
- nonibi1 - nonibi2	Party of the Youth of Slovenia (Stranka mladih Slovenije, SMS) Active Slovenia (Aktivna Slovenija, AS)
- allia1	DEMOS Coalition [comprised of Slovenian People's Party, Slovenian Christian
	Democrats, Slovenian Democratic Union, Social Democratic Party of
	Slovenia, Greens of Slovenia, Liberal Party]
- allia2	Slovenian People's Party and Slovenian Christian Democrats (SLS/SKD)
Spain	
- social1	1) Socialist Party (Partido Socialista Obrero Español, PSOE)
- social2	32) Popular Socialist Party (<i>Partido Socialista Popular, PSP</i>) (only in 1977; afterwards part of 1)
- comm1	2) United Left (PCE/PSUC/IU), [in 2015: run under the name United Left –
	Popular Unity (Unidad Popular: Izquierda Unida, IU-UPeC), until 1989:
	Communist Party – United Left (Partido Communista-Izquierda Unida PCE-
	IU)
- conserv1	28) Union of the Democratic Centre (<i>Unión de Centro Democrático, UCD</i>)
- conserv2	29) People's Party (<i>Partido Popular, PP</i>), [until 1989: Popular Alliance (AP); in
	1982: Electoral Alliance of Popular Alliance and Popular Democratic
	Party; in 1986: Electoral Alliance of Popular Alliance, Popular Democration Porty, and Liberal Porty.
- conserv3	ic Party and Liberal Party] 50) Democratic and Social Centre (CDS)
- liberal1	Progress and Democracy Union (UpyD)
- liberal2	Citizens (Cuidadanos, C's)
- ethnic1	44) Democracy and Freedom (Democrácia i Libertat, DL) [1977: Coalition of
	Democratic Convergence of Catalonia and Democratic Left of Catalonia,
	until 2011: Convergence and Unity (CiU), in 2015: consist of Democratic
	Convergence of Catalonia (CDC) and Democrats of Cataluna (DC)]
- ethnic2	Catalonian Left Republicans (Esquerra Republicana de Catalunya, ERC)

- right1 45) National Union (formed in January 1979 by the leader of Fuerza Nueva.

The National Union also included Falange Espanola, the Alianza

Nacional and other neo-fascist groups)

- leftsoc1 We Can (*Podemos, P*) [in 2015 in alliance with: In Common We Can (*En Comú*

Podem, ECP), Compromise-We-Can-It Is Time Coalition (Compromis-Podemos-És el Moment, EeM), We Can-In Tide-Anova-United Left (Po-

demos-En- Marea-Anova-Esquerda Unida)]

Sweden

social1social2Social Democrats (S)Feminist Initiative (FI)

comm1agrarian1Agrarian Party, Centre Party (C)

conserv1
relig1
liberal1
Conservatives, Moderate Unity Party (M)
20) Christian Democratic Union (KDS)
18) People's Party (The Liberals) (FP)

- green1 23) Green Party (MP)
- right1 24) New Democracy (NYD)
- right2 --- Sweden Democrats (SD)

Switzerland

- social1- leftsoc15) Social Democratic Party (PSS/SPS)- leftsoc118) Progressive Organisations (POCH)

- comm1 9) Communist Party (PdA)

- agrarian1 6) Swiss People's Party (UDC/SVP; since 1995: right4)

conserv1 --- Conservative Democratic Party (BDP/PBD)
 relig1 1) Christian Democrat People's Party (PDC/CVP)

- relig2 8) Protestant People's Party (EVP)

- liberal 4) The Liberals (Die Liberalen, FDP/Les Libéraux Radicaaux, PLR)

(until 2009: Radical Democratic Party (PRD/FDP), merged in 2009 with LPS

(Liberal Party of Switzerland))

- liberal2 12) Independents' Party (LDÚ)

- liberal 3) Liberal Party of Switzerland (PLS/LPS)

- green1 19) Greens (GPS/PES)

- green2 20) Green Alliance (GBS), Alternative Greens (DACH)

- green3
 - Swiss Green Liberal Party (GLP/PVL)
 - right1
 14) National Action, Swiss Democrats (SD)

- right2 16) Republican Movement

- right3 22) Swiss Motorists (AP), Freedom Party

- right4 6) Swiss People's Party (UDC/SVP; until 1994: agrarian1)

United Kingdom

social1conserv1liberal1Labour PartyConservative PartyLiberal Party

- liberal 21/22) Liberal Democrats (LD) (until 1988: Alliance, until 1981: Liberals)

- protest1 UK Independence Party (UKIP)- ethnic1 11) Scottish National Party (SNP)

- green1 Green Party (GP)

USA

conserv1 8) Republican Partyliberal1 1) Democratic Party

Appendix 5 Notes concerning the variables for consensus democracy

Ifirstp: Lijphart first dimension. Proxy variable.

This variable is a time-variant proxy for Lijphart's first dimension 'parties-executives'. The data is composed of the moving averages of 10 years of four indices:

- The number of effective parties in parliament (*effpar_leg*).
- The absence of minimal winning and single-party majority cabinets (calculated from gov_type with (1) single-party majority government and (2) minimal winning coalition coded as '0', otherwise '1').
- The proportionality of electoral systems (variable *dis_gall* multiplied by [-1]).
- A measure for cabinet dominance, calculated by taking the average cabinet duration (see Lijphart 1999: 129-134), which we measured by the number of changes in government per year (*gov_chan*).

For example, the value of effpar_leg for 1969 in our calculations is the arithmetic average for the annual data of effpar_leg for 1960-69, the value for 1970 is the average for the period 1961-70, etc.

These moving averages of the four indices were z-standardized and added up. The sum was again z-standardized, which yields the value of the proxy variable. For example, the data entered for 1969 is the z-standardized sum of the z-standardized moving averages for the years 1960-69.

The z-standardization was done across nations for each time point. For example, the z-scores for number of effective parliamentary parties in 2009 were calculated on the basis of the data for the 36 countries in 2009.

We deliberately did not include the index of interest group pluralism, which in our view does not measure the extent of compromise and negotiation between political elites on the level of parliaments and parties. It rather taps dimensions of corporatism and varieties of capitalism. In order to measure the fit of this proxy variable with Lijphart's original variable, we correlated the mean of Ifirstp for the years 1981 to 2010 with Ifirst in 1981 (i.e. Lijphart's first dimension measured for the years 1981 to 2010). The correlation is 0.902 (significant at p<0.001, n=24).

Ifirstpi: Lijphart first dimension. Proxy variable institutions. Ifirstpb: Lijphart first dimension. Proxy variable behavior.

Lijphart has been criticized for mixing up the effects of societal cleavages (such as the number of parties) and institutions (such as electoral rules) with elite behavior such as coalition building and cabinet dominance (Ganghof 2005). Therefore we calculated separate proxy variables both for institutions (Ifirstpi) based only on the variables 'number of parties' and 'electoral disproportionality' and for behavior (Ifirstpb) based only on the variables 'cabinet dominance' (as measured in Ifirstp) and 'absence of minimal winning coalitions and single-party majority governments'. The calculation as z-scores of moving averages is the same as with regard to Ifirstp.

The arithmetic means for the period 1969 to 2015 of Ifirstp are correlated with the means of Ifirstpi 0.785 and with the means of Ifirstpb 0.806; both correlations are significant at p<0.001 (n=36). The correlation between the means of Ifirstpi and Ifirstpb (1969-2015) is 0.268 and not significant at p<0.05 (n=36).

Literature

- Berglund, Sten, Joakim Ekman, Kevin Deegan-Krause and Terje Knutsen (eds.). 2013. *The Handbook of Political Change in Eastern Europe*. 3/e. Cheltenham, UK: Edward Elgar.
- Beyeler, Michelle. 2007. The Paths to Price Stability. An International Comparison. Bern: Haupt.
- Brady, David, Evelyne Huber and John D. Stephens. 2014. *Comparative Welfare States Data Set.*University of North Carolina and WZB Berlin Social Science Center.
- Bugajski, Janusz. 2002. *Political Parties of Eastern Europe. A Guide to Politics in the Post-Communist Era.* London: M.E. Sharpe.
- Casal Bértoa, Fernando. 2016. Database on Who Governs in Europe and beyond, PSGo. http://whogoverns.eu.
- Colberg, Martin, Bekir Azgin, Ahmet Cavit und Andreas Demetriou. 1998. Oberste Staatsorgane. S. 843 854. In *Südosteuropa-Handbuch. Band VIII. Zypern*, herausgegeben K. D. Grothusen, W. Steffani und P. Zervakis. Göttingen: Vandenhoeck & Ruprecht.
- Chinn, Menzie D. and Hiro Ito. 2008. A New Measure of Financial Openness. *Journal of Comparative Policy Analysis* 10(3): 309-322.
- ----- 2006. What Matters for Financial Development? Capital Controls, Institutions, and Interactions. *Journal of Development Economics* 81(1): 163-192.
- EJPR, European Journal of Political Research. Political Data Yearbook, various issues.
- European Commission, Directorate General for Economic and Financial Affairs. *AMECO database* (annual macro-economic database), various statistics.
- Eurostat. Eurostat database, various statistics.
- Feenstra, Robert C., Robert Inklaar and Marcel P. Timmer. 2015. *The Next Generation of the Penn World Table*, available for download at www.ggdc.net/pwt.
- Gallagher, Michael. 1991. Proportionality, Disproportionality and Electoral Systems. *Electoral Studies* 10: 33-51.
- Ganghof, Steffen. 2005. Normative Modelle, institutionelle Typen und beobachtbare Verhaltensmuster: Ein Vorschlag zum Vergleich parlamentarischer Demokratien. *Politische Viertel-jahresschrift* 46(3): 406-431.
- Golder, Sona N. 2010. Bargaining Delays in the Government Formation Process. *Comparative Political Studies* 43(1): 3-32.
- Hix, Simon and Christopher Lord. 1997. *Politcal Parties in the European Union*. New York: St. Martin's Press.
- Huber, Evelyne, Charles Ragin and John D. Stephens. 1993. Social Democracy, Christian Democracy, Constitutional Structure, and the Welfare State. *American Journal of Sociology* 99: 711-749.
- Huber, Evelyne, Charles Ragin, John D. Stephens, David Brady and Jason Beckfield. 2004. *Comparative Welfare States Data Set.* Northwestern University, University of North Carolina, Duke University and Indiana University.
- ILO. 2017. ILOSTAT Database. http://www.ilo.org/ilostat.
- Inter-Parliamentary Union. 1995. Women in Parliaments 1945-95. A World Statistical Survey. Geneva: Inter-Parliamentary Union.
- ----- 1997. Men and Women in Politics. Democracy Still in the Making. A World Comparative Study. Geneva: Inter-Parliamentary Union.
- Ismayr, Wolfgang (ed.). 2003. *Die politischen Systeme Westeuropas*, 3rd edition. Opladen: Leske und Budrich.
- ----- 2006 [and 2010]. *Die politischen Systeme Osteuropas*, 2nd edition [and 3rd edition]. Opladen: Leske und Budrich.
- Keesing' Record of World Events, various issues.
- Klingemann, Hans-Dieter, Ekkehard Mochmann and Kenneth Newton (eds.). 2000. *Elections in Central and Eastern Europe: the first wave.* Berlin: Ed. Sigma.
- Laakso, Markku and Rein Taagepera. 1979. Effective number of Parties: A measure with Application to West Europe. *Comparative Political Studies* 12(1): 3-27.
- Lane, Jan-Erik, David McKay and Kenneth Newton. 1997. *Political Data Handbook: OECD Countries*. Oxford: Oxford University Press.
- Lijphart, Arend. 1999. Patterns of Democracy: Government Form and Performance in Thirty-Six Countries. New Haven: Yale University Press.
- ----- 2012. Patterns of Democracy: Government Form and Performance in Thirty-Six Countries. Second Edition. New Haven: Yale University Press.
- LIS. 2017. Luxembourg Income Study Database. http://www.lisdatacenter.org.

- Mackie, Thomas T. and Richard Rose. 1991. *The International Almanac of Electoral History*. London, Basingstoke: Macmillan.
- McDonnell, Duncan and Marco Valbruzzi. 2014. Defining and classifying technocrat-led and technocratic governments. *European Journal of Political Research* 53(4): 654-671.
- Mudde, Cas. 2007. Populist Radical Right Parties in Europe. Cambridge: Cambridge University Press.
- ----- 2013. Three decades of populist radical right parties in Western Europe: So what? *Europe-an Journal of Political Research* 52: 1-19.
- OECD. Economic Outlook. Paris: OECD, various years.
- OECD. Employment and Labour Market Statistics. Paris: OECD, various years.
- OECD. Factbook. Paris: OECD, various years.
- OECD. Historical Statistics. Paris: OECD, various years.
- OECD. Indicators of Employment Protection. Paris: OECD, various years.
- OECD. Main Economic Indicators. Paris: OECD, various years.
- OECD. National Accounts Statistics. Paris: OECD, various years.
- OECD. Social Expenditure Database (SOCX). Paris: OECD, various years.
- ParlGov. 2016. Parliaments and Governments Database. http://www.parlgov.org/explore/.
- Rae, Douglas W. 1968. A note on the Fractionalization of Some European Party Systems. *Comparative Political Studies* 1: 413-418.
- Schmidt, Manfred G. 1992. Regierungen: Parteipolitische Zusammensetzung. In *Lexikon der Politik, Band 3: Die westlichen Länder*, ed. Manfred G. Schmidt, 393-400. München: C.H. Beck.
- -----. 1996. When Parties Matter: A Review of the Possibilities and Limits of Partisan Influence on Public Policy. *European Journal of Political Research* 30: 155-183.
- Schmidt, Manfred G. and Jürgen Beyer. 1992. *Datensammlung zur parteipolitischen Zusammensetzung von Regierungen*. Heidelberg: unpublished manuscript.
- Siaroff, Alan. 1999. Corporatism in 24 industrial democracies: Meaning and Measurement. *European Journal of Political Research* 36(2): 175-205.
- Visser, Jelle. 2011. THE ICTWSS Database: Database on Institutional Characteristics of Trade Unions, Wage Setting, State Intervention and Social Pacts in 34 countries between 1960 and 2010, Version 3.0. Amsterdam: Amsterdam Institute for Advanced Labour Studies AIAS.
- Visser, Jelle. 2015. ICTWSS: Database on Institutional Characteristics of Trade Unions, Wage Setting, State Intervention and Social Pacts in 34 countries between 1960 and 2014, Version 5. Amsterdam: Amsterdam Institute for Advanced Labour Studies AIAS.
- Woldendorp, Jaap, Hans Keman and Ian Budge. 1998. Party government in 20 Democracies: an update (1990-1995). *European Journal of Political Research* 33: 125-164.
- Woldendorp, Jaap, Hans Keman and Ian Budge. 2000. *Party Government in 48 Democracies (1945-1998). Composition Duration Personnel.* London: Kluwer Academic Publishers.
- Woldendorp, Jaap, Hans Keman and Ian Budge. 2011. *Party Government in 40 Democracies (1945-2008). Composition-Duration-Personnel.* https://www.fsw.vu.nl/en/departments/political-science/staff/woldendorp/party-government-data-set/index.asp (Downloaded: 2014-01-12).