The Triangle of polarization, political trust and political communication: Understanding its dynamics in contemporary democracies.

(TRI-POL) (2019-2022)

Panel Survey Data set

PORTUGAL

Data protocol

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TRI-POL 2021-2022 Dataset

Technical Information

1. Citation, Research Team and Contact

Citation

This dataset is provided free of charge for all those who wish to use it. Designing this study, retrieving the data, cleaning it, and preparing it for public use meant a lot of work. We are therefore grateful for your acknowledgment of our efforts by citing the database when you use it. The suggested citation is the following:

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2. Data Description

Overview

The TRI-POL dataset is a micro-level online panel survey in five countries: Argentina, Chile, Italy, Portugal and Spain among their respective voting age population comprised of three waves carried out over a six-month period between late September 2021 and April 2022 (the detailed timing of each wave will be presented in Table 1). In addition, the project comprises a series of survey experiments, embedded in the different waves, regarding social exposure, polarization framing and social sorting. This dataset and project also includes variables based on tracking respondents behaviour collected by a passive meter using a software that the interviewees installed on their mobile devices.

The following protocol contains technical information concerning the online panel survey methodological approach.

Files

5 Codebooks, one for each country (PDF files)

5 questionnaires in English (PDF files)

5 questionnaires in their respective main national language (PDF files)

5 TRI-POL integrated three-waves panel and experimental data in the five countries (Stata 17.0 files)

5 TRI-POL integrated three-waves panel and experimental data in the five countries merge with the passive meter data (Stata 17.0 files)

5 TRI-POL Behavioural data collected with Passive Meter (Stata 17.0 files)

3. General Sample Design of the Survey

Field

National (Portugal).

Universe

General population of more than 18 years, with the software to capture behaviour in internet installed, after consent, on one of its electronic devices.

Sample size

2756 interviews completed.

Fieldwork

Administrated by Netquest, a non-probabilistic panel.

Sampling Method

Non-probability quota sampling.

Fieldwork Information

Performed between 23/09/2021 and 22/04/2022. Table 1 details the exact fieldwork period of each wave.

Table 1 Timing of the Waves

Wave	Begin	End	Days	Gap
Wave 1	23/09/2021	12/11/2021	51	n.a.
Wave 2	01/12/2021	06/01/2022	36	7
Wave 3	31/03/2022	22/04/2022	23	22
ALL WAVES	23/09/2021	22/04/2022	100	

Source: own elaboration.

Notes: Gap: number of days elapsed between the end date of the previous wave and the beginning of the current wave's interviews; n.a.: not applicable, as there was no previous wave.

4. Structure of the Sample

Distribution of Shares

Table 2 shows the overall structure of the sample, disaggregated by wave. The upper panel shows the total number of invitations and disaggregates between those that are rejected and accepted.

Table 2 Structure of the Sample

Wave	Wave 1	Wave 2	Wave 3	Sum
Rejected and accepted invitations				
Invited	8002	1028	905	9935
Rejected	3238	86	53	3377
Accepted	4764	942	852	6558
Participation rate	59.5%	91.6%	94.1%	66.0%
Discarded and completed interviews				
Accepted	4764	942	852	6558
Discarded	3736	37	29	3802
Declined	303	0	0	303
ISO unmet	17	4	8	29
Incomplete	1628	33	20	1681
Invalid	0	0	1	1
Closed	1239	0	0	1239
Quota full	549	0	0	549
Completed	1028	905	823	2756
Completion rate	21.6%	96.1%	96.6%	42.0%

Source: own elaboration.

Accepted invitations constitute the starting point of the lower panel of the table, and are in turn disaggregated between interviews that are completed and those that are discarded on accounts of different criteria:

a. *Declined participation*: a small fraction of those who had initially accepted the invitation (overall, less than 4.6%) declined to participate after learning the goals of the questionnaire or the institution responsible for the study.

b. *ISO unmet*: some interviews (overall, 0.4% of those who had accepted to participate) where discarded because they failed to meet ISO quality standards. Participations are labelled as “ISO unmet” when they fail to meet at least one of the following criteria: 1) the information on gender or age provided in the survey is not consistent with the one previously available in the database; 2) the

response time is considered as fraudulent, i.e., the survey is completed in less than 20% of the estimated time; 3) the individuals failed to pass an attention check or 'trick' question.

c. *Uncompleted interview*: a somewhat larger number of interviews (overall, 1681, i.e., 25.6% of those who had accepted to participate) were discarded because they were not fully completed.

d. *Invalidated interview*: 1 case in all waves of those who had accepted to participate was discarded due to software issues (i.e. the program did not save the answers to some questions)

e. *Closed*: discarded interviews (1239 or 18.9% of those who had accepted to participate) was made up of those who completed the interview but did so only after the field had been closed.

f. *Quota full*: finally, 549 interviews (8.4% of those who had accepted to participate) were discarded because the quota for a respondent's profile had been already filled.

The completion rate (i.e., the proportion of those who successfully completed the survey after accepting the invitation) ranges from 21.6% in the first wave to 96.6% in the third one, with an average of 42%.

Attrition

The samples for individual waves range from 823 completed interviews in wave 3 to 1028 in wave 1. Attrition across waves is reported in Table 3.

The three waves were initially designed to be successively nested. The 1028 completed interviews in wave 1 is also the cumulative number of completed interviews at this stage. Wave 2 was effectively nested in wave 1. Therefore, all those who completed wave 2 (905) had also completed wave 1. This means that 905 is also the figure of *consecutively completed interviews* (i.e., of those who completed the current wave, in this case, wave 2, and the immediately previous wave, in this case, wave 1). Moreover, 905 is also the number of *cumulatively completed interviews* (i.e., of those who completed the current wave and all the previous ones).

Again, wave 3 was effectively nested in wave 2, meaning that the number of completed interviews in wave 3 (823) is also the number of consecutively completed interviews at this stage and, given that wave 2 was in turn was nested in wave 1, it is also the number of cumulatively completed interviews.

Table 3 Wave Attrition

Wave	**Wave 1**	**Wave 2**	**Wave 3**
Completed	1028	905	823
Consecutive completion	n.a.	905	823
Immediate permanence rate	n.a.	88.0%	90.9%
Cumulative completion	1028	905	823
Cumulative permanence rate	100.0%	88.0%	80.1%

Source: own elaboration.

Notes: Completed = accepted – (declined + ISO unmet + incomplete + invalid + closed + quota full). Immediate permanence rate = consecutive completion / completed. Cumulative permanence rate = cumulative completion / completed in wave 1. n.a.: not applicable.

Quota Distribution

Sampling quotas were applied to ensure that the sample reflects the characteristics of the general population in terms of region of residency, gender, and age (the quotas were derived from Portugal official statistics). Table 4 displays the main socio-demographic characteristics of the participants, by wave.

Table 4 Socio-Demographic Characteristics of the Participants, by Wave

Characteristics	Target	Wave 1	Wave 2	Wave 3
		Pct/N	Pct/N	Pct/N
Sex				
Man	53.2	51.4	53.7	54.8
		528	486	451
Woman	46.8	48.6	46.3	45.2
		500	419	372
Total	100	100	100	100
		1028	905	823
Age group				
18_24	8.9	10.2	9	7.3
		105	81	60
25_34	20.4	21.2	20.1	19.6
		218	182	161
35_44	21.9	22	22.1	21.6
		226	200	178
45_54	25.8	24.5	26.2	26.9
		252	237	221
55_+	23.0	22.1	22.7	24.5
		227	205	202
[DA]	0.0	0.0	0.0	0.1
		0	0	1
Total	100.00	100.00	100.00	100.00
		1028	905	823
Region				
Alentejo	9.7	9.7	9.8	9.5
		100	89	78
Algarve	5.7	6	5.8	5.4
		62	52	44
Centro	25.4	24.9	25.3	26
		256	229	214
Lisboa	25.4	25.6	25.3	25.2
		263	229	207
Norte	33.9	33.8	33.8	34
		347	306	280
Total	100	100	100	100
		1028	905	823

Habitat				
<50.000	31.8	31.4	31.9	32
		323	289	263
50.000-200.000	48.4	48.6	48.3	48.4
		500	437	398
200.000>	19.8	19.9	19.8	19.7
		205	179	162
Total	100	100	100	100
		1028	905	823
Estudios				
Sem estudos	0.1	0.1	0.1	0.1
		1	1	1
Escola Primária	0.8	0,8	0.8	0.7
		8	7	6
6ª Classe / 6º ano	1.3	1.7	1.2	1.1
		17	11	9
Ciclo preparatório	0.5	0.5	0.6	0.6
		5	5	5
5º ano antigo	1.6	1.8	1.6	1.6
		18	14	13
Escola industrial/Comercial	0.9	0.8	0.9	1
		8	8	8
7º,8º,9º anos unificados	6.9	6,7	7	7.1
		69	63	58
7º ano antigo / Propedêutico	2.8	2.6	2.9	2.8
		27	26	23
10º, 11º, 12º anos unificados	28.7	28.3	28.8	29
		291	261	239
Cursos de 2/3 anos com inicio a seguir ao 5º/9º anos	2.2	2	2.3	2.3
		21	21	19
Faculdade (completa ou incompleta)	51	51.7	50.8	50.3
		531	460	414
Cursos com inicio a seguir ao 11º/12º anos unificados ou 7º ano antigo	2.5	2.2	2.5	2.8
		23	23	23
Mestre	0.7	0.9	0.6	0.6
		9	5	5
Total	100	100	100	100
		1028	905	823

Source: own elaboration.

5. Coding, Naming, and Labelling Protocols

Information in the dataset follows a series of protocols to optimize the size of the database and to facilitate the users' access to and understanding of the information. The following subsections share the naming, labelling, and coding protocols employed in the TRI-POL database.

Coding of Missing, Non-Response and Non-Applicable values

Uncertain responses (i.e. "don't know", "I prefer not to answer") have received special treatment. For starters, the surveys refrained for explicitly providing "decline to response" options. Instead, participants were allowed to skip the question. The use of "don't know" options was limited to knowledge questions. Finally, a pop-up alert was established to confirm no opinion responses.

The coding of non-response categories ("does not know", "does not answer", "does not apply / not applicable", "belongs to the control group of an experiment", and "not re-contacted in a given wave") has been standardised for all the questions in the database, so that each type of missing response receives a unique code throughout the database and that code is not used for any other purpose. Their labelling has followed equally systematic criteria. The coding and labelling protocols are as follows:

- Does not know: coded as **.a**, labelled as "[DK]".
- Does not answer: coded as **.b**, labelled as "[DA]".
- Does not apply: coded as **.c**, labelled as "[NA]".
- Belongs to the control group of an experiment: coded as **.y**, labelled as "[NA: control group]".
- Not re-contacted or refusal to participate in a given wave: codes as **.z**, labelled as "[NA: not in wave]".

Protocol for Naming Variables

The variable naming is structured in three different parts:

- A prefix letter, indicating the group to which the variable belongs.
- The variable number.
- A suffix, indicating the wave to which the variable belongs.

First, **the prefix letter indicates the group** to which the variable belongs. The database distinguishes between five groups of non-experimental variables:

- **"g" = global** variables, which apply to all waves, such as the panellists' unique identification numbers.
- **"s" = sociodemographic** variables.
- **"p" = all the other** opinion questions

The TRI-POL database also includes a series of experimental variables. All their prefixes start with "esm":

- **"esm" = experimental variables**.

Second, **the numbers given to the variables in each group are organized in numerical order within each of the groups**: s1, s2, s3, s4, and so on for the "s" variables; p1, p2, p3, p4, and so on for the "p" variables, etcetera. Variables that are related receive the same number, plus a letter to differentiate them:

- **Lowercase letters are assigned in alphabetical order to differentiate among different variables pertaining to a battery of questions**, i.e., "p13a" (PSD ideology), "p13b" (PS ideology), "p13c" (BE ideology), and so on. This convention is also applied to closely related questions, i.e., "s14" (belongs to a religion), "s14a" (religious denomination), "s14b" (church attendance).
- **An upper case "R" is added for recoded variables**, i.e., "s2R_1" (age group).
- **An upper case "P" is added for all the post-experimental variables**.

Third and finally, **all the variables have a suffix whose number reflects the wave** of the panel to which that question belongs ("_1"; "_2"; "_3"). The exception is the (few) global variables in the "g" group, which do not have any suffixes because they refer to the database as a whole instead of to any specific wave.

Taking all this into account, Table 5 displays some examples of variable names, also indicating their meaning and the group and wave to which they pertain. When adequate, a clarifying comment is also included:

Table 5 Examples of Variable Names (Non-Experimental Variables)

Variable	Meaning	Group	Wave	Comment
Standard non-experimental variables				
g1	Start time	"g"		
s1_1	Gender	"s"	1	
p1_2	Political interest	"p"	2	
Related variables (recoded)				
s2_3 s2**R**_3	Age Age group	"s"	3	Recoded variable

Source: own elaboration.

Table 6 displays examples of names of experimental (and post-experimental) variables, together with their meaning, group, and wave:

Table 6 Examples of Variable Names (Experimental Variables)

Variable	Meaning	Group	Wave	Comment
Experimental variables				
esmp1a_1	Twitter account	"esm"	1	Experiment 1
Experiments: post-experimental variables				
esmP12_1_PO_3	Neighbour preference	"esm"	3	Experiment 3

Source: own elaboration.

Protocol for Labelling Variables

Variable labeling seeks a balance between being informative and not being excessively long. None of them includes abbreviations in the names (party labels instead of party names are used, though).

Given that the variables' names all include information on the wave, this information is not repeated in the variables' labels. Thus, for any given variable available in different waves, all the variable labels are the same. For instance, "s8_1", "s8_2" and "s8_3" are all labelled as "Employment status".

Protocol for Labelling Variable Values

Protocol of assignment of value labels to variables:

The assignment or not of value labels follows a precise protocol in the TRI-POL dataset.

1. *If a variable includes non-response categories, it will at least have a generic value label to clarify the meaning of those responses* (i.e., to clarify that .a means “does not know”). The most usual non-response categories are “does not know”, “does not apply”, and “does not answer”. This rule takes precedence over all the others, irrespective of the type of variable involved.
2. *Quantitative variables and scales of ten or more values have no value labels* (except if they include non-response categories). In particular, we have not assigned value labels to any variable for the sole sake of clarifying its polarity. Thus, instead of having a label informing only of the meaning of the two extremes of its eleven-point scale, "p18a_2” (trust your family) has a note stating that 0 = “I don’t trust them at all and 10 = “Complete trust".
3. *Ordinal variables always have value labels when each of the categories of the scale has a substantive meaning*. This is the case, for instance, of “p22a_3” (talk about politics with family frequency). Its seven response categories all have a substantive meaning, so it has a value label spelling out those meanings (0 = “never”, 1 = “less than once a month”, 2 = “once a month”, and so on).
4. *Ordinal variables of six categories or less, nominal variables and binary variables always have value labels*, as information on the meaning of each response category of these variables is always necessary.

Variables of different waves share a common value label, instead of each one of them having their own, but identical, value labels. For instance, variables “s1_1”, “s1_2” and “s1_3” (gender) share a common value label.

Variable-specific value labels take the name of the variables they refer to, but without the suffix indicating the wave. For instance, the common value label for the sex variables above is named simply as “s1”.

A considerable large fraction of the TRI_POL dataset requires the same value labels. Instead of creating them many times with many different names, the following **generic label values** have been created to label “yes/no” responses, “agreement-disagreement” responses, and “does not know”, “does not apply “responses:

- “dkda” (.a = “[DK]”, .b = “[DA]”, .c = “[NA]”, .y = “[NA: control group]”, .z = “[NA: not in wave]”)
- “yndk” (1 = "Yes", 2 = "No", + “dkda” value labels)
- “nydk” (0 = "No", 1 = "Yes", + “dkda” value labels)
- “agree5ik” (1 = "Agree strongly", 2 = "Somewhat agree", 3 = "Neither agree nor disagree", 4 = "Somewhat disagree", 5 = "Disagree strongly", + “dkda” value labels)

- “conk” (continues variables + “dkda” value labels)
- “con” (continues variables)
- “tenk” (scale 1 from 10 + “dkda” value labels)
- “ten” (scale 1 from 10)
- “hunk” (scale 0 from 100 + “dkda” value labels)
- “frequen4k” (1 = “Always”, 2 = “Most of the time”, 3 = “About half of the time”, 4 = “Occasionally”, 5 = “Never”, + “dkda” value labels)
- “L4k” (1 = “Completely”, 2 = “Somewhat, 3 = “A little”, 4 = “Not at all”, + “dkda” value labels)
- “Import4k” (1 = “Very important”, 2 = “Important”, 3 = “Somewhat important”, 4 = “Not important at all”, + “dkda” value labels)
- “L8k” (0 = “Never”, 1 = “Less than once a month”, 2 = “Once a month”, 3 = “Several times a month”, 4 = “Once a week”, 5 = “Several times a week”, 7 = “Every day”, 8 = “Several times a day”, + “dkda” value labels)
- “L5k” (1 = “Never”, 2 = “Rarely”, 3 = “Sometimes”, 4 = “Often”, 5 = “Always”, + “dkda” value labels)
- “L6k” (0 = “Never”, 1 = “Less than once a month”, 2 = “Once a month”, 3 = “Several times a month”, 4 = “Once a week”, 5 = “Several times a week”, 6 = “Every day”, + “dkda” value labels)
- “L3k” (0 = “Never”, 1 = “Occasionally”, 2 = “Usually”, 3 = “Always”, + “dkda” value labels)
- “supportk” (0 = “Do not support any party”, 1 = “Support a different party than yours”, 2 = “Divide their support among different parties”, 3 = “Support the same party as you”, + “dkda” value labels)
- “frequen6k” (1 = “Every day or almost every day”, 2 = “Several days a week”, 3 = “Only on weekends”, 4 = “From time to time”, 5 = “Never or hardly ever”, 6 = “I don't follow these profiles”, + “dkda” value labels)
- “ability5k” (1 = “Not at all able”, 2 = “A little able”, 3 = “Quite able”, 4 = “Very able”, 5 = “Completely able”, + “dkda” value labels)
- “confident5k” (1 = “Not at all confident”, 2 = “A little confident”, 3 = “Quite confident”, 4 = “Very confident”, 5 = “Completely confident”, + “dkda” value labels)
- “free4k” (1 = “Not free”, 2 = “Somewhat free”, 3 = “Free”, 4 = “Very free”, + “dkda” value labels)
- “satisfactionk” (1 = “Not at all satisfied”, 2 = “Not very satisfied”, 3 = “Somewhat satisfied”, 4 = “Very satisfied”, + “dkda” value labels)

- “closek” (0 = “Not at all close”, 1 = “Not very close”, 2 = “Somewhat close”, 3 = “Very close”, + “dkda” value labels)

- “knowledgek” (1 = “true”, 2 = “false”, 777 = “Time used”, + “dkda” value labels)

- “problemsk” (1 = “The Pandemic”, 2 = “Unemployment”, 3 = “Drugs”, 4 = “The healthcare system”, 5 = “Housing”, 6 = “Education”, 7 = “Terrorism”, 8 = “International terrorism (Islamic State/ISIS) ”, 9 = “Corruption”, 10 = “Immigration”, 11 = “Brexit and EU integration”, 12 = “Violence against women”, 13 = “Political instability”, 14 = “The refugee crisis”, 15 = “Climate change”, 16 = “Pensions”, 17 = “Citizen insecurity”, 18 = “Taxes”, 19 = “Parties and politicians in general”, 21 = “The economic situation”, 22 = “Other”, + “dkda” value labels)

- “quantk” (1 = “Not at all”, 2 = “Very little”, 3 = “To some extent”, 4 = “A fair amount”, 5 = “A great deal”, + “dkda” value labels)

- “regimek” (1 = “For people like me, one regime is the same as another”, 2 = “Under some circumstances, an authoritarian regime is preferable to a democratic system”, 3 = “Democracy is preferable to any other form of government”, + “dkda” value labels)

- “identifik” (1 = “Very much”, 2 = “Somewhat”, 3 = “A little”, 4 = “Not at all”, + “dkda” value labels)

- “device” (1 = “Desktop”, 2 = “Tablet”, 3 = “Mobile”)

- “country” (1 = “España”, 2 = “Argentina”, 3 = “Chile”, 4 = “Italia”, 5 = “Portugal”)

- “trackerk” (1 = “Only Desktop”, 2 = “Only Mobile”, 3 = “Desktop & Mobile”, 4 = “Inactive”, + “dkda” value labels)

- “zonek” (1 = “Alentejo”, 2 = “Algarve”, 3 = “Centro”, 4 = “Lisboa”, 5 = “Norte”, 6 = “Açores”, 7 = “Madeira”, + “dkda” value labels)

- “eduk” (1 = “Sem estudos”, 2 = “Escola Primária”, 3 = “6ª Classe / 6º ano”, 4 = “Ciclo preparatório”, 5 = “5º ano antigo”, 6 = “Escola Industrial/ Comercial”, 7 = “7º,8º,9º anos unificados”, 8 = “7º ano antigo/ Propedêutico”, 9 = “10º,11º,12º anos unificados”, 10 = “Cursos de 2/3 anos com início a seguir ao 5º/9º anos”, 11 = “Faculdade (completa ou incompleta) ”, 12 = “Cursos com início a seguir ao 11º/12º anos unificados ou 7º ano antigo”, 13 = “Mestre”, 14 = “Doutorado”, + “dkda” value labels)

- “habitatk” (1 = “<50001”, 2 = “50001-200000”, 3 = “>=200001”, + “dkda” value labels)

- “participation” (1 = “Yes, I want to participate”, 2 = “No, I prefer not to participate”)

- “grotk” (1 = “OPTION A + OPTION C (Lista A)”, 2 = “OPTION A + OPTION D (Lista B)”, 3 = “OPTION B + OPTION C (Lista A)”, 4 = “OPTION B + OPTION D (Lista B)”, + “dkda” value labels)

- “genderk” (1 = “Male”, 2 = “Female”, + “dkda” value labels)

- “ageRk” (1 = “0_17”, 2 = “18_24”, 3 = “25_34”, 4 = “35_44”, 5 = “45_54”, 6 = “55_+”, + “dkda” value labels)

- “cityk” (1 = “A big city”, 2 = “A suburb of a large town or city”, 3 = “A medium sized town”, 4 = “A small town”, 5 = “Rural area or village”, + “dkda” value labels)

- “educationk” (1 = “Nenhum”, 2 = “Ensino Básico 1 (até à 4a classe, instrução primaria (3o ou 4o ano))”, 3 = “Ensino Básico 2 (preparatorio/5o e 6o anos / 5a ou 6a classe, 1o ciclo dos liceus ou do ensino tecnico comercial ou indu”, 4 = “Cursos de educação e formação de tipo 1. Atribuição de 'Diploma de qualificação profissional de nivel 1'”, 5 = “Ensino Básico 3 (certificado de conclusão de um dos seguintes graus de escolaridade: 9o ano; 5o ano dos liceus; 05 escol”, 6 = “Cursos de educação e formação de tipo 2. Atribuição de 'Diploma de qualificação profissional de nivel 2'”, 7 = “Cursos de educação e formação de tipo 3 e 4. Atribuição de 'Diploma de qualificação profissional de nivel 2'”, 8 = “Ensino Secundario - cursos cientifico-humanisticos (certificado de conclusão de um dos seguintes graus de escolaridade:”, 9 = “Ensino secundario - cursos tecnologicos, cursos artisticos especializados (artes visuais e audiovisuais, danc¸a, musica)”, 10 = “Cursos de especializaçao tecnologica. Atribuição de 'Diploma de especializaçao tecnologica'”, 11 = “Ensino superior politecnico: bacharelato de 3 anos (magisterio primario, servic¸o social, regente agricola)”, 12 = “Ensino superior politecnico: licenciaturas de 3-4 anos curriculares; licenciatura complemento de formação”, 13 = “Ensino superior universitario: licenciaturas de 3-4 anos curriculares; licenciatura bietapica de 4 anos”, 14 = “Pos-graduação: especializaçao Pos-licenciatura sem atribuição de grau academico, MBA”, 15 = “Ensino superior universitario: licenciatura com mais de 4 anos curriculares; licenciatura bietapica de 5 anos”, 16 = “Mestrado (inclui Mestrado Integrado) ”, 17 = “Doutoramento”, 55 = “Nenhum dos anteriores”, 77 = “Recusa”, + “dkda” value labels)

- “maritalk” (1 = “Married”, 2 = “In a partnered relationship”, 3 = “Legally separated”, 4 = “Divorced”, 5 = “Widowed”, 6 = “None of the above (I have never been married)”, + “dkda” value labels)

- “employmentk” (1 = “Employed, but on temporary leave (includes temporary maternity/paternity leave, accident, illness or holidays)”, 2 = “Employed (full-time or part-time)”, 3 = “Self-employed professional”, 4 = “Owner of a small personal or family business”, 5 = “Studying, even if you have been on holiday (includes company-paid training)”, 6 = “Unemployed and actively seeking work”, 7 = “Unemployed, wanting to find a job but not actively looking for one”, 8 =

"Chronically ill or permanently disabled", 9 = "Retired", 10 = "Homemaker, stay-at-home parent, or caregiver", + "dkda" value labels)

- "feelingsk" (1 = "With our current income we live comfortably", 2 = "With our current income we get by", 3 = "With our current income we have difficulties", 4 = "With our current income we have many difficulties", + "dkda" value labels)

- "concernk" (0 = "Not at all concerned", 1 = "A bit concerned", 2 = "Quite concerned", 3 = "Very concerned", + "dkda" value labels)

- "incomek" (1 = "470 euros or less // 5640 euros or less", 2 = "More than 471 euros up to 650 euros // More than 5641 euros up to 7800 euros", 3 = "Over 651 euros up to 825 euros // More than 7801 euros up to 9900 euros", 4 = "Over 826 euros up to 1050 euros // More than 9901 euros up to 12600 euros", 5 = "More than 1051 euros up to 1260 euros // Over 12601 euros up to 15120 euros", 6 = "Over 1261 euros up to 1500 euros // More than 15121 euros up to 18000 euros", 7 = "Over 1501 euros up to 1800euros // More than 18001 euros up to 21600 euros", 8 = "More than 1801 euros up to 2200 euros // More than 21601 up to 26400", 9 = "More than 2201 euros up to 2925 euros // More than 26401 euros up to 35100 euros", 10 = "More than 2926 euros // More than 35101 euros", + "dkda" value labels)

- "religionk" (1 = "Catholic", 2 = "Protestant", 3 = "Orthodox", 4 = "Evangelical Christian", 5 = "Other Christian denominations", 6 = "Jewish", 7 = "Muslim", 8 = "Eastern religions (Buddhist, Hindu, Sikh, Shinto, Taoist)", 9 = "Other non-Christian religions", + "dkda" value labels)

- "attendancek" (1 = "Every day", 2 = "More than once a week", 3 = "Once a week", 4 = "At least once a month", 5 = "Only on special religious holidays", 6 = "Never", + "dkda" value labels)

- "interestk" (1 = "A lot", 2 = "A fair amount", 3 = "A little", 4 = "Not at all", + "dkda" value labels)

- "option1k" (0 = "OPTION A", 1 = "OPTION B", + "dkda" value labels)

- "option2k" (0 = "OPTION C (Lista A)", 1 = "OPTION D (Lista A)", + "dkda" value labels)

- "participationk" (1 = "Yes, I want to participate", 2 = "No, I do not want to participate", + "dkda" value labels)

- "followk" (1 = "I was already following both of them", 2 = "I started following it/them after I was asked", 3 = "I was already following one of them. Which one? ", + "dkda" value labels)

- "trustk" (1 = "Highly trust", 2 = "Somewhat trust", 3 = "Somewhat mistrust", 4 = "Highly distrust", + "dkda" value labels)

- “correctk” (1 = “Correct”, 2 = “Incorrect”, + “dkda” value labels)
- “jumpk” (1 = “Jump to GAME 2”, 2 = “Jump to POLARIZING treatment”, 3 = “Jump to UNIFYING treatment”, 4 = “Jump to POPULIST treatment”, 5 = “Jump to NON-POPULIST treatment”, + “dkda” value labels)
- “gamek” (1 = “GAME (2)(1)”, 2 = “GAME (2)(2)”, + “dkda” value labels)
- “neighbourk” (1 = “Neighbour A”, 2 = “Neighbour B”, + “dkda” value labels)
- “natidentityk” (1 = “From Alentejo”, 2 = “From the North”, 3 = “From Lisbon”, + “dkda” value labels)
- “ideologyk” (1 = “Center”, 2 = “Right”, 3 = “Left”, + “dkda” value labels)
- “inmigrantk” (1 = “Born outside Portugal”, 2 = “Born in Portugal”, + “dkda” value labels)
- “partnerk” (1 = “Man-and-woman”, 2 = “Man-and-man”, 3 = “Woman-and-woman”, + “dkda” value labels)
- “supporterk” (1 = “PS”, 2 = “PSD”, 3 = “PCP”, 4 = “Chega”, 5 = “Bloco de Esquerda”, 6 = “Iniciativa Liberal”, 7 = “PAN”, 8 = “Livre”, 9 = “CDS”, + “dkda” value labels)
- “universityk” (1 = “Basic education”, 2 = “University education”, + “dkda” value labels)
- “environmentk” (1 = “Recycler”, 2 = “Non-recycler”, + “dkda” value labels)
- “petk” (1 = “Pet owner”, 2 = “Non-pet owner”, + “dkda” value labels)
- “religiousk” (1 = “Catholic”, 2 = “Muslim”, 3 = “Protestant”, 4 = “Jewish”, 5 = “No religion”, + “dkda” value labels)
- “politisatk” (1 = “Keeps their political views to themselves”, 2 = “Is outwardly political”, + “dkda” value labels)
- “pointsk” (1 = “3”, 2 = “6”, 3 = “11”, + “dkda” value labels)
- “parties1k” (1 = “PSD (Partido Social Democrata)”, 2 = “PS (Partido Socialista)”, 3 = “IL (Iniciativa Liberal)”, 4 = “BE (Bloco de Esquerda)”, 5 = “Chega”, 6 = “CDU (PCP-PEV)”, 7 = “PAN (Pessoas- Animais-Natureza)”, 8 = “CDS-PP (Centro Democrático Social – Partido Popular)”, 9 = “Livre” + “dkda” value labels)
- “parties2k” (1 = “PSD (Partido Social Democrata)”, 2 = “PS (Partido Socialista)”, 3 = “IL (Iniciativa Liberal)”, 4 = “BE (Bloco de Esquerda)”, 5 = “Chega”, 6 = “CDU (PCP-PEV)”, 7 = “PAN (Pessoas- Animais-Natureza)”, 8 = “CDS-PP (Centro Democrático Social – Partido Popular)”, 9 = “Livre”, 10 = “[Other

p40_PO_3]” + “dkda” value labels)

- “parties3k” (1 = “PS (Partido Socialista)”, 2 = “PSD (Partido Social Democrata)”, 3 = “BE (Bloco de Esquerda)”, 4 = “CDU (Coligação Democrática Unitária)”, 5 = “IL (Iniciativa Liberal)”, 6 = “Chega”, 7 = “PAN (Pessoas- Animais-Natureza)”, 8 = “CDS-PP (Centro Democrático Social – Partido Popular)”, 9 = “Livre”, 10 = “Other”, 20 = “Blank vote”, 21 = “I would not vote”, 22 = “I do not have the right to vote”, 23 = “I don't know”, 24 = “I prefer not to say” + “dkda” value labels)

- “parties4k” (1 = “PS (Partido Socialista)”, 2 = “PSD (Partido Social Democrata)”, 3 = “BE (Bloco de Esquerda)”, 4 = “PCP (Partido Comunista Português)”, 5 = “IL (Iniciativa Liberal)”, 6 = “Chega”, 7 = “PEV (Partido Ecologista “Os Verdes)”, 8 = “PAN (Pessoas- Animais-Natureza)”, 9 = “CDS-PP (Centro Democrático Social – Partido Popular)”, 10 = “LIVRE”, 11 = “Others” + “dkda” value labels)

- “parties5k” (1 = “PS (Partido Socialista)”, 2 = “PSD (Partido Social Democrata)”, 3 = “BE (Bloco de Esquerda)”, 4 = “CDU (Coligação Democrática Unitária)”, 5 = “IL (Iniciativa Liberal)”, 6 = “Chega”, 7 = “PAN (Pessoas- Animais-Natureza)”, 8 = “CDS-PP (Centro Democrático Social – Partido Popular)”, 9 = “Livre”, 10 = “Other”, 20 = “Blank vote”, 21 = “I would not vote”, 22 = “I do not have the right to vote”, 23 = “I don't know”, 24 = “I prefer not to say” + “dkda” value labels)

- “rotP41” (1 = “p41a / p41b”, 2 = “p41b / p41a”, + “dkda” value labels)

- “rotP42” (1 = “p42a_p42b_p42c”, 2 = “p42a_p42c_p42b”, 3 = “p42b_p42a_p42c”, 4 = “p42b_p42c_p42a”, 5 = “p42c_p42a_p42b”, 6 = “p42c_p42b_p42a”, + “dkda” value labels)

- “rotP43” (1 = “p43a_p43b_p43c”, 2 = “p43a_p43c_p43b”, 3 = “p43b_p43a_p43c”, 4 = “p43b_p43c_p43a”, 5 = “p43c_p43a_p43b”, 6 = “p43c_p43b_p43a”, + “dkda” value labels)

- “rotP44” (1 = “p44a_p44b_p44c”, 2 = “p44a_p44c_p44b”, 3 = “p44b_p44a_p44c”, 4 = “p44b_p44c_p44a”, 5 = “p44c_p44a_p44b”, 6 = “p44c_p44b_p44a”, + “dkda” value labels)

- “pcontrol1” (1 = “Berlin”, 2 = “Barcelona”, 3 = “Rome”, 4 = “Buenos Aires”, 5 = “Santiago de Chile”, 6 = “Lisbon”, + “dkda” value labels)

- “pcontrol2” (1 = “Yes”, 2 = “No”, 3 = Other (Please Specify):”, + “dkda” value labels)

- “accounts1k” (0 = "Following no political account", 201 = "(PS) António Costa", 202 = "(BE) Catarina Martins", 203 = "PARTIDO SOCIAL DEMOCRATA Rui Rio", 204 = "PARTIDO COMUNISTA PORTUGUÊS", 205 = "CENTRO DEMOCRÁTICO SOCIAL", 206 = "PARTIDO ECOLOGISTA “OS VERDES”", 207 = "PAN - Pessoas-Animais-Natureza", 208 = "INICIATIVA LIBERAL João Cotrim Figueiredo", 209 = "CHEGA André Ventura", 210 = "LIVRE Rui Tavares", 201202 = "(PS) António Costa + (BE) Catarina Martins", 201203 =

"(PS) António Costa + PARTIDO SOCIAL DEMOCRATA Rui Rio", 201204 = "(PS) António Costa + PARTIDO COMUNISTA PORTUGUÊS", 201205 = "(PS) António Costa + CENTRO DEMOCRÁTICO SOCIAL", 201206 = "(PS) António Costa + PARTIDO ECOLOGISTA “OS VERDES”", 201207 = "(PS) António Costa + PAN - Pessoas-Animais-Natureza", 201208 = "(PS) António Costa + INICIATIVA LIBERAL João Cotrim Figueiredo", 201209 = "(PS) António Costa + CHEGA André Ventura", 201210 = "(PS) António Costa + LIVRE Rui Tavares", 202203 = "(BE) Catarina Martins + PARTIDO SOCIAL DEMOCRATA Rui Rio", 202204 = "(BE) Catarina Martins + PARTIDO COMUNISTA PORTUGUÊS", 202205 = "(BE) Catarina Martins + CENTRO DEMOCRÁTICO SOCIAL", 202206 = "(BE) Catarina Martins + PARTIDO ECOLOGISTA “OS VERDES”", 202207 = "(BE) Catarina Martins + PAN - Pessoas-Animais-Natureza", 202208 = "(BE) Catarina Martins + INICIATIVA LIBERAL João Cotrim Figueiredo", 202209 = "(BE) Catarina Martins + CHEGA André Ventura", 202210 = "(BE) Catarina Martins + LIVRE Rui Tavares", 203204 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + PARTIDO COMUNISTA PORTUGUÊS", 203205 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + CENTRO DEMOCRÁTICO SOCIAL", 203206 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + PARTIDO ECOLOGISTA “OS VERDES”", 203207 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + PAN - Pessoas-Animais-Natureza", 203208 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + INICIATIVA LIBERAL João Cotrim Figueiredo", 203209 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + CHEGA André Ventura", 203210 = "PARTIDO SOCIAL DEMOCRATA Rui Rio + LIVRE Rui Tavares", 204205 = "PARTIDO COMUNISTA PORTUGUÊS + CENTRO DEMOCRÁTICO SOCIAL", 204206 = "PARTIDO COMUNISTA PORTUGUÊS + PARTIDO ECOLOGISTA “OS VERDES”", 204207 = "PARTIDO COMUNISTA PORTUGUÊS + PAN - Pessoas-Animais-Natureza", 204208 = "PARTIDO COMUNISTA PORTUGUÊS + INICIATIVA LIBERAL João Cotrim Figueiredo", 204209 = "PARTIDO COMUNISTA PORTUGUÊS + CHEGA André Ventura", 204210 = "PARTIDO COMUNISTA PORTUGUÊS + LIVRE Rui Tavares", 205206 = "CENTRO DEMOCRÁTICO SOCIAL + PARTIDO ECOLOGISTA “OS VERDES”", 205207 = "CENTRO DEMOCRÁTICO SOCIAL + PAN - Pessoas-Animais-Natureza", 205208 = "CENTRO DEMOCRÁTICO SOCIAL + INICIATIVA LIBERAL João Cotrim Figueiredo", 205209 = "CENTRO DEMOCRÁTICO SOCIAL + CHEGA André Ventura", 205210 = "CENTRO DEMOCRÁTICO SOCIAL + LIVRE Rui Tavares", 206207 = "PARTIDO ECOLOGISTA “OS VERDES” + PAN - Pessoas-Animais-Natureza", 206208 = "PARTIDO ECOLOGISTA “OS VERDES” + INICIATIVA LIBERAL João Cotrim Figueiredo", 206209 = "PARTIDO ECOLOGISTA “OS VERDES” + CHEGA André Ventura", 206210 = "PARTIDO ECOLOGISTA “OS VERDES” + LIVRE Rui Tavares", 207208 = "PAN - Pessoas-Animais-Natureza + INICIATIVA LIBERAL João Cotrim Figueiredo", 207209 = "PAN - Pessoas-Animais-Natureza + CHEGA André Ventura", 207210 = "PAN - Pessoas-Animais-Natureza + LIVRE Rui Tavares", 208209 = "INICIATIVA LIBERAL João Cotrim Figueiredo + CHEGA André Ventura", 208210 = "INICIATIVA LIBERAL João Cotrim Figueiredo + LIVRE Rui Tavares", 209210 = "CHEGA André Ventura + LIVRE Rui Tavares“, + “dkda” value labels)

- “accounts2k” (0 = "Following no political account", 211 = "Governo Português", 212 = "Governo Regional da Madeira", 213 = "Direcção Geral de Saúde", 211212 = "Governo Português + Governo Regional da Madeira", 211213 = "Governo Português + Direcção Geral de Saúde", 212213 = "Governo Regional da Madeira + Direcção Geral de Saúde", + “dkda” value labels)

- “topicsk” (1 = "Issues related to the Covid-19 Pandemic", 2 = "Issues related to the Covid-19 vaccination campaign", 3 = "Issues related to the management of European funding (the so-called ussedr problems)", 4 = "Issues related to political conflict between parties or between government and opposition", 5 = "Issues related to the economic situation in Portugal", 6 = "Issues related to the social situation in Portugal", 7 = "Issues related to immigration in Portugal", 9 = "Other current issues", 12 = "Issues related to the Covid-19 Pandemic + Covid-19 vaccination campaign", 13 = "Issues related to the Covid-19 Pandemic + management of European funding (the so-called ussedr problems)", 14 = "Issues related to the Covid-19 Pandemic + political conflict between parties or between government and opposition", 15 = "Issues related to the Covid-19 Pandemic + economic situation in Portugal", 16 = "Issues related to the Covid-19 Pandemic + social situation in Portugal", 17 = "Issues related to the Covid-19 Pandemic + immigration in Portugal", 19 = "Issues related to the Covid-19 Pandemic + Other current issues", 23 = "Issues related to the Covid-19 vaccination campaign + management of European funding (the so-called ussedr problems)", 24 = "Issues related to the Covid-19 vaccination campaign + political conflict between parties or between government and opposition", 25 = "Issues related to the Covid-19 vaccination campaign + economic situation in Portugal", 26 = "Issues related to the Covid-19 vaccination campaign + social situation in Portugal", 27 = "Issues related to the Covid-19 vaccination campaign + immigration in Portugal", 29 = "Issues related to the Covid-19 vaccination campaign + Other current issues", 34 = "Issues related to the management of European funding (the so-called ussedr problems) + political conflict between parties or between government and opposition", 35 = "Issues related to the management of European funding (the so-called ussedr problems) + economic situation in Portugal", 36 = "Issues related to the management of European funding (the so-called ussedr problems) + social situation in Portugal", 37 = "Issues related to the management of European funding (the so-called ussedr problems) + immigration in Portugal", 39 = "Issues related to the management of European funding (the so-called ussedr problems) + Other current issues", 45 = "Issues related to political conflict between parties or between government and opposition + economic situation in Portugal", 46 = "Issues related to political conflict between parties or between government and opposition + social situation in Portugal", 47 = "Issues related to political conflict between parties or between government and opposition + immigration in Portugal", 49 = "Issues related to political conflict between parties or between government and opposition + Other current issues", 56 = "Issues related to the economic situation in Portugal + social situation in Portugal", 57 = "Issues related to the economic situation in Portugal + immigration in Portugal", 59 = "Issues related to the economic situation in Portugal + Other current issues", 67 = "Issues related to the social situation in

Portugal + immigration in Portugal", 69 = "Issues related to the social situation in Portugal + Other current issues", 79 = "Issues related to immigration in Portugal + Other current issues", + “dkda” value labels)

- “tonesk” (0 = “None of the above”, 1 = "Interesting", 2 = "Depressing", 3 = "Intolerant", 4 = "Optimistic", 5 = "Thoughtful", 6 = "Boring", 7 = "Disrespectful", 8 = "Informative", 9 = "Passionate", 10 = "Violent", 11 = "Incomprehensible", 12 = "Interesting + Depressing", 13 = "Interesting + Intolerant", 14 = "Interesting + Optimistic", 15 = "Interesting + Thoughtful", 16 = "Interesting + Boring", 17 = "Interesting + Disrespectful", 18 = "Interesting + Informative", 19 = "Interesting + Passionate", 110 = "Interesting + Violent", 111 = "Interesting + Incomprehensible", 23 = "Depressing + Intolerant", 24 = "Depressing + Optimistic", 25 = "Depressing + Thoughtful", 26 = "Depressing + Boring", 27 = "Depressing + Disrespectful", 28 = "Depressing + Informative", 29 = "Depressing + Passionate", 210 = "Depressing + Violent", 211 = "Depressing + Incomprehensible", 34 = "Intolerant + Optimistic", 35 = "Intolerant + Thoughtful", 36 = "Intolerant + Boring", 37 = "Intolerant + Disrespectful", 38 = "Intolerant + Informative", 39 = "Intolerant + Passionate", 310 = "Intolerant + Violent", 311 = "Intolerant + Incomprehensible", 45 = "Optimistic + Thoughtful", 46 = "Optimistic + Boring", 47 = "Optimistic + Disrespectful", 48 = "Optimistic + Informative", 49 = "Optimistic + Passionate", 410 = "Optimistic + Violent", 411 = "Optimistic + Incomprehensible", 56 = "Thoughtful + Boring", 57 = "Thoughtful + Disrespectful", 58 = "Thoughtful + Informative", 59 = "Thoughtful + Passionate", 510 = "Thoughtful + Violent", 511 = "Thoughtful + Incomprehensible", 67 = "Boring + Disrespectful", 68 = "Boring + Informative", 69 = "Boring + Passionate", 610 = "Boring + Violent", 611 = "Boring + Incomprehensible", 78 = "Disrespectful + Informative", 79 = "Disrespectful + Passionate", 710 = "Disrespectful + Violent", 711 = "Disrespectful + Incomprehensible", 89 = "Informative + Passionate", 810 = "Informative + Violent", 811 = "Informative + Incomprehensible", 910 = "Passionate + Violent", 911 = "Passionate + Incomprehensible", 1011 = "Violent + Incomprehensible", 125 = "Interesting + Depressing + Thoughtful", 126 = "Interesting + Depressing + Boring", 137 = "Interesting + Intolerant + Disrespectful", 138 = "Interesting + Intolerant + Informative", 139 = "Interesting + Intolerant + Passionate", 145 = "Interesting + Optimistic + Thoughtful", 148 = "Interesting + Optimistic + Informative", 149 = "Interesting + Optimistic + Passionate", 156 = "Interesting + Thoughtful + Boring", 158 = "Interesting + Thoughtful + Informative", 1511 = "Interesting + Thoughtful + Incomprehensible", 167 = "Interesting + Boring + Disrespectful", 168 = "Interesting + Boring + Informative", 178 = "Interesting + Disrespectful + Informative", 189 = "Interesting + Informative + Passionate", 235 = "Depressing + Intolerant + Thoughtful", 237 = "Depressing + Intolerant + Disrespectful", 2311 = "Depressing + Intolerant + Incomprehensible", 257 = "Depressing + Thoughtful + Disrespectful", 2511 = "Depressing + Thoughtful + Incomprehensible", 268 = "Depressing + Boring + Informative", 269 = "Depressing + Boring + Passionate", 2610 = "Depressing + Boring + Violent", 2611 = "Depressing + Boring + Incomprehensible", 2711 = "Depressing + Disrespectful + Incomprehensible", 21011 = "Depressing + Violent + Incomprehensible", 358 = "Intolerant + Thoughtful + Informative", 359 =

"Intolerant + Thoughtful + Passionate", 3610 = "Intolerant + Boring + Violent", 3711 = "Intolerant + Disrespectful + Incomprehensible", 3811 = "Intolerant + Informative + Incomprehensible", 458 = "Optimistic + Thoughtful + Informative", 459 = "Optimistic + Thoughtful + Passionate", 4510 = "Optimistic + Thoughtful + Violent", 469 = "Optimistic + Boring + Passionate", 489 = "Optimistic + Informative + Passionate", 4911 = "Optimistic + Passionate + Incomprehensible", 568 = "Thoughtful + Boring + Informative", 5611 = "Thoughtful + Boring + Incomprehensible", 578 = "Thoughtful + Disrespectful + Informative", 589 = "Thoughtful + Informative + Passionate", 5910 = "Thoughtful + Passionate + Violent", 6711 = "Boring + Disrespectful + Incomprehensible", 6911 = "Boring + Passionate + Incomprehensible", + “dkda” value labels)

- “alpha” alphanumeric
- “date” Date format
- “hour” Hour format

Notice that the “yndk”, “nydk”, “agree5ik” “frequen4k” “L4k” “Import4k” “L8k” and “L5k” generic value labels all include their own specific value labels plus those of the “dkda” generic value labels; for instance, the “yndk” also includes value labels to clarify that .a = “[DK]”, .b = “[DA]”, and so on.

Naming and Labelling Language

Variable names, variable labels and value labels are all in English except when they refer to proper nouns, such as the names of regions (i.e., Alentejo) and politicians (i.e., António Costa) or the abbreviations of political parties’ names (i.e., PS , for Partido Socialista), which are maintained in Portuguese.

6. Variable List

In this section, the complete list of non-behavioural variables available in the integrated dataset (i.e., of non-experimental survey variables retrieved in one or more of the three waves of the panel surveys as well as of experimental and post-experimental variables) is presented.

The list of variables is presented in tables, whereby the first column includes information on the variable names (when a variable is available in several waves, only the name of the first wave in which it appears is displayed), the second column displays the value label names (for all the variables that have value labels), the third column shows the variable labels (which clarify the contents of the variables), and columns four through six inform of the wave or waves in which each variable is available (a capital "X" in a variable * wave cell indicates that the variable is available in the wave, and a blank space means that it is not).

To facilitate the navigation through the variable list, the information is presented in a series of tables, each of which referring to one group of variables: Table 7, list of "global" or "g" variables (with information on general characteristics of the dataset); Table 8, list of "wave" or "w" variables (interview's characteristics in each wave); Table 9, list of "socio-demographic" or "s" variables (participants' socio-demographic and socio-economic characteristics); Table 10, list of "opinion" and other "p" variables (broad range of opinions, attitudes, beliefs, evaluations, reported and intended behaviour of participants); Experimental Variables

¡Error! La autoreferencia al marcador no es válida. shows the experimental variables of EXPERIMENT 1, carried out in the first wave. The purpose of this experiment was to test the effect of exposure to different Twitter accounts on a set of relevant political attitudes, such as political interest, affective and ideological polarization and political trust. Participation was restricted via invitation. Specifically, respondents were invited to follow one or two Twitter accounts from a list provided to them during the next seven days. Two experimental groups were created with a different list of Twitter accounts. Assignment to the first list, containing the accounts of the main parties' leaders, or the second one, with a list of institutional accounts, was randomized by a computer algorithm. After seven days, respondents who participated in the experiment were re-contacted, answered some question about their exposure to and the content of the selected Twitter accounts, and completed the survey questionnaire about their political attitudes and opinions. To verify respondents' activity on Twitter, information was collected with a passive behavioural meter.

Table 12 shows the experimental variables of EXPERIMENT 2, carried out in the second wave. This study examines the effects of priming political polarization or populist political frames on political polarization as measured in interpersonal trust

discrimination via behavioural games (i.e. trust games) and measures of political affect (feeling thermometers). Via simple randomization, respondents are assigned to one of 5 groups: Control, Polarizing Treatment, Unifying Treatment, Dispositional Issue Frame (populist) and Situational Issue Frame (non-populist).

Table 13 shows the experimental varaibles of EXPERIMENT 3, carried out in the third wave. The purpose of the experiment is to prove the social sorting behind social partisan identity. Respondents are asked to choose the basic characteristics of a hypothetical family unit moving respondents' next door. Specifically, we use a fully randomized conjoint experiment that varies the attributes presented with respect to 10/11 (depending on the country) dimensions shared by the neighboring families: territorial identity; ideology; immigrant; sex orientation; party supporter; education; environmentalist; pet owner; religion; politicisation; and language (for the Spanish case) or attitudes towards vaccination (for the Italian case). In each round or task, respondents are shown two neighbor's profiles, which both display the same dimensions but then vary the attributes within each dimension. For each task, respondents are required to choose between the two proposals presented to them.

Table 11, list of "esm" variables (first experiment); **¡Error! No se encuentra el origen de la referencia.**, list of "esm" variables (second experiment); **¡Error! No se encuentra el origen de la referencia.**, list of "esm" variables (third experiment) and **¡Error! No se encuentra el origen de la referencia.**, list of "met" variables (passive meter).

Global Variables

Table 7 shows the list of global variables, which contain information on general characteristics of the survey and, hence, do not have any suffixes:

Table 7 List of Global Variables

Battery	Variable name	Value label	Variable label	W1	W2	W3
	wave_	wave	Participation in the wave	X	X	X
	g0	con	accessCount	X	X	X
	g1	date	startTime	X	X	X
	g2	date	endTime	X	X	X
	g3	con	duration	X	X	X
	g4	alpha	status	X	X	X
	g5	alpha	type	X	X	X
	g6	alpha	CodPanelista	X	X	X
	g7	device	DEVICE	X	X	X
	g8	country	SURVEYCOUNTRY	X	X	X
	g9	trackerk	TRACKER	X	X	X
	g10	zonek	REGION_PT	X	X	X
	g11	eduk	EDUCATION_PT	X	X	X
	g12	habitatk	HABITAT_PT	X	X	X
	g13	date	DATE_START	X	X	X
	g14	date	DATE_NEXT	X	X	X
	g15	date	FECHA_VALIDO_ACCESO	X	X	X
	g16	participation	Would you like to participate?	X	X	X
	g17	grotk	Select the option:	X		
	g18	yndk	Tracker to 'a computer with Windows'	X	X	X
	g19	yndk	Tracker to 'an Apple computer (MAC)'	X	X	X
	g20	yndk	Tracker to 'a Chrome browser on a computer with Windows'	X	X	X
	g21	yndk	Tracker to 'a Firefox browser on a computer with Windows'	X	X	X
	g22	yndk	Tracker to 'a Chrome browser on an Apple computer (MAC)'	X	X	X
	g23	yndk	Tracker to 'a Firefox browser on an	X	X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
			Apple computer (MAC)'			
	g24	yndk	Tracker to 'a Safari browser on an Apple computer (MAC)'	X	X	X
	g25	yndk	Tracker to 'a [manufacturer] smartphone or table with Android'	X	X	X
	g26	yndk	Tracker to 'an Apple smartphone or tablet (iPhone or iPad)'	X	X	X
	g27	yndk	Tracker to 'an Android smartphone with version >= 10'	X	X	X
	g28	yndk	BROWSER_PLUGIN	X	X	X
	g29	nydk	Windows - OS_REC	X	X	X
	g30	nydk	MAC - OS_REC	X	X	X
	g31	nydk	ANDROID - OS_REC	X	X	X
	g32	nydk	iOS - OS_REC	X	X	X
	g33	nydk	CHROME_PLUGIN - KIND	X	X	X
	g34	nydk	FIREFOX_PLUGIN - KIND	X	X	X
	g35	nydk	SAFARI_PLUGIN - KIND	X	X	X

Source: own elaboration.

Wave-Specific Variables

Table 8 shows the list of wave-specific variables, which contain information on the interview's characteristics in each wave:

Table 8 List of Wave-Specific Variables

Battery	Variable name	Value label	Variable label	W1	W2	W3
	s3b_1	cityk	Size of town/city	X		
	s4b_PO_1	educationk	Level of education	X		
	s5_1	maritalk	Marital/civil status	X		
	s6_1	conk	Number of children	X		
	s7_1	conk	Number of cohabitants	X		
	s12_PO_1	incomek	Net household income	X		
	s13_1	tenk	Financial satisfaction	X		
BATTERY:						
s14 battery	s14_1	yndk	Religiosity	X		
	s14a_1	religionk	Religious affiliation	X		
	s14b_1	attendancek	Attendance at religious services	X		

Source: own elaboration.

Notes: variable names of wave 1 shown in the first column; the names for the other waves only differ as regards the wave suffix.

Socio-Demographic Variables

Table 9 shows the list of socio-demographic and socio-economic variables. Some of them are available in all the waves: gender, age and some socio-demograhic characteristics that could vary overtime (questions s8-s11d). All of the remaining socio-demographic variables (like marital status, number of children, or religious belonging, denomination and attendance) have only been asked in the first wave, as they do not tend to vary much in the short seven-months span in which the three surveys took place:

Table 9 List of Socio-Demographic Variables

Battery	Variable name	Value label	Variable label	W1	W2	W3
	s1_	genderk	Gender	X	X	X
	s2_	conk	Age	X	X	X
	s2R_	ageRk	Range of Age	X	X	X
	s3b_1	cityk	Size of town/city	X		
	s4b_PO_1	educationk	Level of education	X		
	s5_1	marital	Marital/civil status	X		
	s6_1	conk	Number of children	X		
	s7_1	conk	Number of cohabitants	X		
	s8_	employmentk	Employment status	X	X	X
	s9_	feelingsk	Feelings about household income	X	X	X
	s10_	yndk	Fired in last year	X	X	X
BATTERY:						
s11 battery	s11a_	concernk	Concern about paying household bills	X	X	X
	s11b_	concernk	Concern about reducing standard of living	X	X	X
	s11c_	concernk	Concern about employment	X	X	X
	s11d_	concernk	Concern about bank debts, mortgage	X	X	X
	s12_PO_1	incomek	Net household income	X		
	s13_1	tenk	Financial satisfaction	X		
BATTERY:						
s14 battery	s14_1	yndk	Religiosity	X		
	s14a_1	religionk	Religious affiliation	X		

Battery	Variable name	Value label	Variable label	W1	W2	W3
	s14b_1	attendancek	Attendance at religious services	X		

Source: own elaboration.

Notes: variable names of wave 1 shown in the first column; the names for the other waves only differ as regards the wave suffix.

Opinion, Attitudinal and Beliefs Variables

Table 10 shows the list of opinion, attitudinal and beliefs variables, i.e., of all the variables that belong to the "p" variables.

Some of them are available in all the waves, others are available in several waves, and others are only available in a given wave. For instance, the question on political interest is available in the three waves ("p1_1", "p1_2", "p1_3"); the question on whether the respondent signed a petition is available in waves 1 and 3 ("p34a_1" and "p34a_3"), and the same is true for the other questions of the battery on non-electoral political participation; and the questions on whether different statements are true or false are only available in the third wave (this is the case for "p45a_PO_3", "p45b_PO_3", "p45c_PO_3", "p45d_PO_3" and "p45e_PO_3").In the "variable name" column, we have always chosen to display the name of the variable in the earliest wave in which it appears (for instance, for political interest, we display the name of the first wave, "p1_1").

Finally, many of the questions belong to batteries. Whenever this is the case, we have remarked it in the table by (a) introducing a row before the first question of the battery indicating the topic of the battery; and (b) adding a column in Table 10 to the left of the variable's name where the name of the battery is clearly indicated.

Table 10 List of Opinion and other "p" Variables

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p1_	interestk	Political interest	X	X	X
	p2_	tenk	Satisfaction with the national economy	X		X
	p3_PO_	problemsk	Main problem in Portugal	X	X	X
	p3_PO_ _22_value	alpha	Main problem in Portugal - Other	X	X	X
	orderTo_p4	alpha	orderTo_p4	X	X	X
BATTERY:						
p4 battery	p4a_	quantk	Say in national politics	X		X
	p4b_	quantk	Influence on national politics	X		X
	p4c_	ability5k	Ability to be in political group	X		X
	p4d_	confident5k	Ability to participate in politics	X		X
BATTERY:						
p5 battery	p5a_	Import4k	Freedom to criticize the government	X	X	X
	p5b_	Import4k	Jobs for everyone	X	X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p5c_	Import4k	Free and fair elections	X	X	X
	p5d_	Import4k	Low income inequality	X	X	X
	p5e_	Import4k	A free and uncensored media	X	X	X
	p5f_	Import4k	Protection of minority rights	X	X	X
	p5g_	Import4k	Majoritarian rule	X	X	X
	p6a_	free4k	Freedom of media in country	X		X
BATTERY:						
p7 battery	p7a_	agree5ik	One-party elections	X	X	X
	p7b_	agree5ik	Abolishment of National Assembly / Parliament	X	X	X
	p7c_	agree5ik	Government by armed forces	X	X	X
	p7d_	agree5ik	Party exclusion in national elections	X	X	X
	p7e_	agree5ik	Restricted voting rights	X	X	X
	p7f_	agree5ik	Media censorship	X	X	X
	p7g_	agree5ik	Ban on public protests	X	X	X
	p8_	regimek	Preferred political regime	X		X
	p9_	satisfactionk	Satisfaction with democracy in country	X		X
	pcontrol1_	pcontrol1	Control questions	X		X
BATTERY:						
p10 battery	p10a_	tenk	Unemployment	X		X
	p10b_	tenk	Education	X		X
	p10c_	tenk	Health	X		X
	p10d_	tenk	Immigration	X		X
	p10e_	tenk	Pensions	X		X
	p10f_	tenk	Corruption	X		X
	p10g_	tenk	Social inequality	X		X
	p10h_	tenk	The COVID-19 pandemic	X		X
	p11_	tenk	Satisfaction with current national government	X		X
BATTERY:						
p45 battery	p45a_PO_3	tenk	Violence and street crime caused by immigration			X
	p45b_PO_3	tenk	Climate change NOT due to human			X

Battery	Variable name	Value label	Variable label	W1	W2	W3
			activity			
	p45c_PO_3	tenk	Inequality has decreased in last decade			X
	p45d_PO_3	tenk	10% of population are immigrants			X
	p45e_PO_3	tenk	Gender violence is a dramatic reality in our country			X
	p12_	tenk	Left-right ideological positioning	X	X	X
BATTERY:						
p40 battery	p40a_	identifik	Identification with “Left” label	X	X	X
	p40b_	identifik	Identification with “Right” label	X	X	X
	p40c_	identifik	Identification with “Center” label	X	X	X
BATTERY:						
p13 battery	p13a_PO_	tenk	PSD ideology	X	X	X
	p13b_PO_	tenk	PS ideology	X	X	X
	p13c_PO_	tenk	BE ideology	X	X	X
	p13d_PO_	tenk	CDS-PP ideology	X	X	X
	p13e_PO_	tenk	PCP ideology	X	X	X
	p13f_PO_	tenk	PEV ideology	X	X	X
	p13g_PO_	tenk	IL ideology	X	X	X
	p13h_PO_	tenk	PAN ideology	X	X	X
	p13i_PO_	tenk	Chega ideology	X	X	X
	p13j_PO_	tenk	Livre ideology	X	X	X
	orderTo_p14	alpha	orderTo_p14	X	X	X
BATTERY:						
p14 battery	p14a_PO_	tenk	Customs of immigrants in Portugal	X		X
	p14b_PO_	tenk	Solution to the Portuguese economy	X		X
	p14c_	tenk	Same-sex marriage	X		X
	p14d_	tenk	Public services	X		X
	p14e_	tenk	Abortion	X		X
	p14f_PO_	tenk	Amount of immigration to Portugal	X		X
	p14g_	tenk	Citizen freedoms vs public health	X		X
BATTERY:						

Battery	Variable name	Value label	Variable label	W1	W2	W3
p15 battery	p15a_PO_	hunk	Feelings towards Gypsies	X		X
	p15b_PO_	hunk	Feelings towards black people	X		X
	p15c_PO_	hunk	Feelings towards Portuguese people	X		X
	p15d_PO_	hunk	Feelings towards Europeans	X		X
	p15e_PO_	hunk	Feelings towards refugees	X		X
	p15f_PO_	hunk	Feelings towards immigrants	X		X
	p15g_PO_	hunk	Feelings towards homosexuals	X		X
	p15h_PO_	hunk	Feelings towards Muslims	X		X
	p15i_PO_	hunk	Feelings towards Catholics	X		X
	p15j_PO_	hunk	Feelings towards Brazilians	X		X
	p15k_PO_	hunk	Feelings towards Atheists	X		X
	p15l_PO_	hunk	Feelings towards young people	X		X
	p15m_PO_3	hunk	Feelings towards environmentalists			X
BATTERY:						
p16 battery	p16a_PO_	hunk	Feelings towards PSD voters	X	X	X
	p16b_PO_	hunk	Feelings towards PS voters	X	X	X
	p16c_PO_	hunk	Feelings towards BE voters	X	X	X
	p16d_PO_	hunk	Feelings towards CDS-PP voters	X	X	X
	p16e_PO_	hunk	Feelings towards CDU (PCP-PEV) voters	X	X	X
	p16f_PO_	hunk	Feelings towards IL voters	X	X	X
	p16g_PO_	hunk	Feelings towards PAN voters	X	X	X
	p16h_PO_	hunk	Feelings towards Chega voters	X	X	X
	p16i_PO_	hunk	Feelings towards Livre voters	X	X	X
	p16m_	hunk	Feelings towards left-wing voters	X	X	X
	p16n_	hunk	Feelings towards centrist voters	X	X	X
	p16o_	hunk	Feelings towards right-wing voters	X	X	X
BATTERY:						
p41 battery	p41a_ _1	nydk	Description of most-liked voters - Adjective 1		X	X
	p41a_ _2	nydk	Description of most-liked voters - Adjective 2		X	X
	p41a_ _3	nydk	Description of most-liked voters -		X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
			Adjective 3			
	p41a_ _1_value	alpha	Description of most-liked voters - Adjective 1		X	X
	p41a_ _2_value	alpha	Description of most-liked voters - Adjective 2		X	X
	p41a_ _3_value	alpha	Description of most-liked voters - Adjective 3		X	X
	p41b_ _1	nydk	Description of least-liked voters - Adjective 1		X	X
	p41b_ _2	nydk	Description of least-liked voters - Adjective 2		X	X
	p41b_ _3	nydk	Description of least-liked voters - Adjective 3		X	X
	p41b_ _1_value	alpha	Description of least-liked voters - Adjective 1		X	X
	p41b_ _2_value	alpha	Description of least-liked voters - Adjective 2		X	X
	p41b_ _3_value	alpha	Description of least-liked voters - Adjective 3		X	X
BATTERY:						
p17 battery	p17a_PO_	hunk	Feelings towards António Costa	X	X	X
	p17b_PO_	hunk	Feelings towards Rui Rio	X	X	X
	p17c_PO_	hunk	Feelings towards João Cotrim de Figueiredo	X	X	
	p17d_PO_	hunk	Feelings towards Catarina Martins	X	X	X
	p17e_PO_	hunk	Feelings towards André Ventura	X	X	X
	p17f_PO_	hunk	Feelings towards Jerónimo de Sousa	X	X	X
	p17g_PO_	hunk	Feelings towards Inês Sousa Real	X	X	X
	p17h_PO_	hunk	Feelings towards Francisco Rodrigues dos Santos	X	X	
	p17i_PO_	hunk	Feelings towards Rui Tavares	X	X	X
	p17a1_PO_	frequen4k	António Costa hopeful	X	X	X
	p17a2_PO_	frequen4k	António Costa proud	X	X	X
	p17a3_PO_	frequen4k	António Costa angry	X	X	X
	p17a4_PO_	frequen4k	António Costa fearful	X	X	X
	p17a5_PO_	frequen4k	António Costa indifferent	X	X	X
	p17a6_PO_	frequen4k	António Costa disgusted	X	X	X
	p17b1_PO_	frequen4k	Rui Rio hopeful	X	X	X
	p17b2_PO_	frequen4k	Rui Rio proud	X	X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p17b3_PO_	frequen4k	Rui Rio angry	X	X	X
	p17b4_PO_	frequen4k	Rui Rio fearful	X	X	X
	p17b5_PO_	frequen4k	Rui Rio indifferent	X	X	X
	p17b6_PO_	frequen4k	Rui Rio disgusted	X	X	X
	p17c1_PO_	frequen4k	João Cotrim de Figueiredo hopeful	X	X	X
	p17c2_PO_	frequen4k	João Cotrim de Figueiredo proud	X	X	X
	p17c3_PO_	frequen4k	João Cotrim de Figueiredo angry	X	X	X
	p17c4_PO_	frequen4k	João Cotrim de Figueiredo fearful	X	X	X
	p17c5_PO_	frequen4k	João Cotrim de Figueiredo indifferent	X	X	X
	p17c6_PO_	frequen4k	João Cotrim de Figueiredo disgusted	X	X	X
	p17d1_PO_	frequen4k	Catarina Martins hopeful	X	X	X
	p17d2_PO_	frequen4k	Catarina Martins proud	X	X	X
	p17d3_PO_	frequen4k	Catarina Martins angry	X	X	X
	p17d4_PO_	frequen4k	Catarina Martins fearful	X	X	X
	p17d5_PO_	frequen4k	Catarina Martins indifferent	X	X	X
	p17d6_PO_	frequen4k	Catarina Martins disgusted	X	X	X
	p17e1_PO_	frequen4k	André Ventura hopeful	X	X	X
	p17e2_PO_	frequen4k	André Ventura proud	X	X	X
	p17e3_PO_	frequen4k	André Ventura angry	X	X	X
	p17e4_PO_	frequen4k	André Ventura fearful	X	X	X
	p17e5_PO_	frequen4k	André Ventura indifferent	X	X	X
	p17e6_PO_	frequen4k	André Ventura disgusted	X	X	X
	p17f1_PO_	frequen4k	Jerónimo de Sousa hopeful	X	X	X
	p17f2_PO_	frequen4k	Jerónimo de Sousa proud	X	X	X
	p17f3_PO_	frequen4k	Jerónimo de Sousa angry	X	X	X
	p17f4_PO_	frequen4k	Jerónimo de Sousa fearful	X	X	X
	p17f5_PO_	frequen4k	Jerónimo de Sousa indifferent	X	X	X
	p17f6_PO_	frequen4k	Jerónimo de Sousa disgusted	X	X	X
	p17g1_PO_	frequen4k	Inês Sousa Real hopeful			X
	p17g2_PO_	frequen4k	Inês Sousa Real proud			X
	p17g3_PO_	frequen4k	Inês Sousa Real angry			X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p17g4_PO_	frequen4k	Inês Sousa Real fearful			X
	p17g5_PO_	frequen4k	Inês Sousa Real indifferent			X
	p17g6_PO_	frequen4k	Inês Sousa Real disgusted			X
	p17h1_PO_	frequen4k	Francisco Rodrigues dos Santos hopeful	X	X	X
	p17h2_PO_	frequen4k	Francisco Rodrigues dos Santos proud	X	X	X
	p17h3_PO_	frequen4k	Francisco Rodrigues dos Santos angry	X	X	X
	p17h4_PO_	frequen4k	Francisco Rodrigues dos Santos fearful	X	X	X
	p17h5_PO_	frequen4k	Francisco Rodrigues dos Santos indifferent	X	X	X
	p17h6_PO_	frequen4k	Francisco Rodrigues dos Santos disgusted	X	X	X
	p17i1_PO_	frequen4k	Rui Tavares hopeful			X
	p17i2_PO_	frequen4k	Rui Tavares proud			X
	p17i3_PO_	frequen4k	Rui Tavares angry			X
	p17i4_PO_	frequen4k	Rui Tavares fearful			X
	p17i5_PO_	frequen4k	Rui Tavares indifferent			X
	p17i6_PO_	frequen4k	Rui Tavares disgusted			X
BATTERY:						
p18 battery	p18a_	tenk	Trust your family		X	X
	p18b_	tenk	Trust your neighbours		X	X
	p18c_	tenk	Trust people you know		X	X
	p18d_	tenk	Trust people you meet 1st time		X	X
	p18e_	tenk	Trust social media contacts		X	X
	p18f_	tenk	Trust people of another religion		X	X
	p18g_3	tenk	Trust scientists			X
	pcontrol2_	pcontrol2	Control questions	X		X
	pcontrol2_ _3_value	alpha	Control questions	X		X
	orderTo_p19	alpha	orderTo_p19	X	X	X
BATTERY:						
p19 battery	p19a_PO_	tenk	Trust the Portuguese Parliament	X	X	X
	p19b_PO_	tenk	Trust the Portuguese government	X	X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p19c_PO_	tenk	Trust the municipal government	X	X	X
	p19e_PO_	tenk	Trust politicians in Portugal	X	X	X
	p19f_PO_	tenk	Trust political parties in Portugal	X	X	X
	p19g_PO_	tenk	Trust the Portuguese police	X	X	X
	p19h_PO_	tenk	Trust the Portuguese army	X	X	X
	p19i_PO_	tenk	Trust the Portuguese judicial system	X	X	X
BATTERY:						
p20 battery	p20a_	tenk	People can be trusted	X	X	X
	p20b_	tenk	People are honest	X	X	X
	p20c_	tenk	People help others	X	X	X
BATTERY:						
p21 battery	p21a_	L8k	Print newspapers political news source	X		X
	p21b_	L8k	Online newspapers political news source	X		X
	p21c_	L8k	Radio political news source	X		X
	p21d_	L8k	Magazines political news source	X		X
	p21e_	L8k	Blogs political news source	X		X
	p21f_	L8k	Television political news source	X		X
	p21g_	L8k	Social media political news source	X		X
	p21h_	tenk	Print newspapers trust	X		X
	p21i_	tenk	Online newspapers trust	X		X
	p21j_	tenk	Radio trust	X		X
	p21k_	tenk	Magazines trust	X		X
	p21l_	tenk	Blogs trust	X		X
	p21m_	tenk	Television trust	X		X
	p21n_	tenk	Social media trust	X		X
	p21o_	tenk	Most trusted newspaper	X		X
	p21o_1_1_value	alpha	Most trusted newspaper	X		X
BATTERY:						
p22 battery	p22a_	L6k	Talk about politics with family frequency	X		X
	p22b_	L3k	Agree about politics with family	X		X

Battery	Variable name	Value label	Variable label	W1	W2	W3
			frequency			
	p22c_	L3k	Disagree with political views of family frequency	X		X
	p22d_	supportk	Family party support	X		X
BATTERY:						
p23 battery	p23a_	L6k	Talk about politics with friends frequency	X		X
	p23b_	L3k	Agree about politics with friends frequency	X		X
	p23c_	L3k	Disagree with political views of friends frequency	X		X
	p23d_	supportk	Friends party support	X		X
BATTERY:						
p24 battery	p24a_	yndk	Account on Twitter	X		X
	p24b_	yndk	Account on Facebook	X		X
	p24c_	yndk	Account on TikTok	X		X
	p24d_	yndk	Account on LinkedIn	X		X
	p24e_	yndk	Account on Instagram	X		X
	p24f_	yndk	Account on Twitch	X		X
	p24g_	yndk	Account on Snapchat	X		X
	p24h_	yndk	Account on YouTube	X		X
	p24i_	yndk	Account on WhatsApp	X		X
	p24j_	yndk	Account on Telegram	X		X
	p24k_	yndk	Account on other social media	X		X
	p24k_ _1_value	alpha	Account on other social media	X		X
	p24l_	yndk	Account on other messaging system	X		X
	p24l_ _1_value	alpha	Account on other messaging system	X		X
BATTERY:						
p25 battery	p25a_	L6k	Share political issues on social media frequency	X		X
	p25b_	L3k	Agree about politics on social media frequency	X		X
	p25c_	L3k	Disagree with political views on social media frequency	X		X
	p25d_	supportk	Social media party support	X		X
BATTERY:						

Battery	Variable name	Value label	Variable label	W1	W2	W3
p26 battery	p26a_	frequen6k	Close network political views on social media frequency	X		X
	p26b_	frequen6k	Peers and colleagues political views on social media frequency	X		X
	p26c_	frequen6k	Parties and candidates political views on social media frequency	X		X
	p26d_	frequen6k	Main media outlets political views on social media frequency	X		X
	p26e_	frequen6k	Journalists political views on social media frequency	X		X
	p26f_	frequen6k	Influencers political views on social media frequency	X		X
BATTERY:						
p27 battery	p27a_	L4k	Close network social media information trust	X		X
	p27b_	L4k	Peers and colleagues social media information trust	X		X
	p27c_	L4k	Parties and candidates social media information trust	X		X
	p27d_	L4k	Main media outlets social media information trust	X		X
	p27e_	L4k	Journalists social media information trust	X		X
	p27f_	L4k	Influencers social media information trust	X		X
BATTERY:						
p28 battery	p28a_	L6k	Share political issues on messaging services frequency	X		X
	p28b_	L3k	Agree about politics on messaging services frequency	X		X
	p28c_	L3k	Disagree with political views on messaging services frequency	X		X
	p28d_	supportk	Messaging services party support	X		X
BATTERY:						
p29 battery	p29a_	frequen6k	Close network messaging services political information frequency	X		X
	p29b_	frequen6k	Peers and colleagues messaging services political information frequency	X		X
BATTERY:						
p30 battery	p30a_	L4k	Close network messaging services information trust	X		X
	p30b_	L4k	Peers and colleagues messaging services information trust	X		X
BATTERY:						
p31 battery	p31a_	L5k	Fake news on mainstream media frequency	X	X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p31b_	L5k	Fake news on social media frequency	X	X	X
	p31c_	L5k	Fake news on messaging apps frequency	X	X	X
	p31d_	L5k	Fake news in face-to-face conversations frequency	X	X	X
BATTERY:						
p32 battery	p32a_	yndk	Cut off contact on social media for political reasons	X	X	X
	p32b_	yndk	Didn't publish political content on social media to avoid conflict	X	X	X
	p32c_	yndk	Trolling/bullying in political conversation on social media	X	X	X
BATTERY:						
p33 battery	p33_	yndk	Close to political party	X	X	X
	p33a_PO_	parties4k	Closest political party	X	X	X
	p33a_PO_ _11_value	alpha	Closest political party - Other	X	X	X
	p33b_	closek	Level of closeness to political party	X	X	X
	p33c_	tenk	Self-identify with political party	X	X	X
	p33d_	tenk	Interest in public opinion of party	X	X	X
	p33e_	tenk	Insulted at party-criticism	X	X	X
	p33f_	tenk	Identify with party supporters	X	X	X
	p33g_	tenk	Importance of party-standing in opinion polls	X	X	X
	p33h_	tenk	Connection with party supporters	X	X	X
	p33i_	tenk	Political party as "my party"	X	X	X
	p33j_	tenk	Importance of party praise	X	X	X
BATTERY:						
p34 battery	p34a_	yndk	Signing a petition	X		X
	p34b_	yndk	Boycotting products	X		X
	p34c_	yndk	Displaying campaign propaganda	X		X
	p34d_	yndk	Participating in demonstrations	X		X
	p34e_	yndk	Participating in political rallies	X		X
	p34f_	yndk	Contacting a politician online	X		X
	p34g_	yndk	Posting political opinions on social media	X		X
	p35_	tenk	Probability to vote in upcoming general	X		X

Battery	Variable name	Value label	Variable label	W1	W2	W3
			elections			
BATTERY:						
p36 battery	p36a_PO_	tenk	Probability to vote PS	X	X	X
	p36b_PO_	tenk	Probability to vote PSD	X	X	X
	p36c_PO_	tenk	Probability to vote BE	X	X	X
	p36d_PO_	tenk	Probability to vote CDU (PCP-PEV)	X	X	X
	p36e_PO_	tenk	Probability to vote IL	X	X	X
	p36f_PO_	tenk	Probability to vote Chega	X	X	X
	p36g_PO_	tenk	Probability to vote PAN	X	X	X
	p36h_PO_	tenk	Probability to vote CDS-PP	X	X	X
	p36i_PO_	tenk	Probability to vote Livre	X	X	X
BATTERY:						
	p37_PO_	parties5k	Preferred party for upcoming election	X	X	X
	p37_PO_ _10_value	alpha	Preferred party for upcoming election - Other	X	X	X
BATTERY:						
p38 battery	p38a_PO_1	knowledgek	The Minister of Defence in Portugal is João Gomes Cravinho	X		X
	p38a_PO_ _autoNext	yndk	AutoNext_The Minister of Defence in Portugal is João Gomes Cravinho	X		X
	p38b_PO_	knowledgek	The Portuguese Parliament has 175 deputies	X		X
	p38b_PO_ _autoNext	yndk	AutoNext_The Portuguese Parliament has 175 deputies	X		X
	p38c_PO_	knowledgek	A person must be 25 or older to stand as a candidate in the Portuguese general election	X		X
	p38c_PO_ _autoNext	yndk	AutoNext_A person must be 25 years of age or older to stand as a candidate in the Portuguese general election	X		X
	p38d_PO_	knowledgek	Pedro Marques is a member of the Portuguese Government	X		X
	p38d_PO_ _autoNext	yndk	AutoNext_Pedro Marques is a member of the Portuguese Government	X		X
	p38e_PO_	knowledgek	The current government is a minority government formed by the PS	X		X
	p38e_PO_ _autoNext	yndk	AutoNext_The current government is a minority government formed by the PS	X		X
BATTERY:						
p39 battery	p39a_	agree5ik	Politicians should listen to the people		X	X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	p39b_	agree5ik	Politicians are too busy		X	X
	p39c_	agree5ik	The will of the people is the priority		X	X
	p39d_	agree5ik	The government is self-interested		X	X
	p39e_	agree5ik	The government helps people		X	X
	p39f_	agree5ik	There is corruption in the government		X	X
	p39g_	agree5ik	Political views define a person		X	X
	p39h_	agree5ik	Political views don’t define a person		X	X
	p39i_	agree5ik	People with other political views are misinformed		X	X
	p40_PO_	parties3k	Disliked parties		X	X
	p40_PO_ _10_value	alpha	Disliked parties - Other		X	X
	MOST_LIKED_ SHOW_p42p43 p44_a_3	parties1k	MOST-LIKED PARTY SELECTED IN p16_2			X
	LEAST_LIKED_ SHOW_p42p43 p44_b_3	parties2k	LEAST-LIKED PARTY SELECTED IN p40_3 OR IN p16_2			X
	MODERATE_S HOW_p42p43p 44_c_3	parties1k	RANDOM PARTY WITHIN MODERATE RANGES IN p16_2			X
	rotP42_3	rotP42	Rotation to p42a / p42b / p42c			X
BATTERY:						
p42 battery	p42a_3	tenk	Child marriage in-party			X
	p42b_3	tenk	Child marriage out-party			X
	p42c_3	tenk	Child marriage other party			X
	rotP43_3	rotP43	Rotation to p43a / p43b / p43c			X
BATTERY:						
p43 battery	p43a_3	tenk	Hire in-party member			X
	p43b_3	tenk	Hire out-party member			X
	p43c_3	tenk	Hire other party member			X
	rotP44_3	rotP44	Rotation to p44a / p44b / p44c			X
BATTERY:						
p44 battery	p44a_3	tenk	In-party friendship			X
	p44b_3	tenk	Out-party friendship			X
	p44c_3	tenk	Other party friendship			X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	rotP41_	rotP41	Rotation to p41a / p41b		X	X

Experimental Variables

¡Error! La autoreferencia al marcador no es válida. shows the experimental variables of EXPERIMENT 1, carried out in the first wave. The purpose of this experiment was to test the effect of exposure to different Twitter accounts on a set of relevant political attitudes, such as political interest, affective and ideological polarization and political trust. Participation was restricted via invitation. Specifically, respondents were invited to follow one or two Twitter accounts from a list provided to them during the next seven days. Two experimental groups were created with a different list of Twitter accounts. Assignment to the first list, containing the accounts of the main parties' leaders, or the second one, with a list of institutional accounts, was randomized by a computer algorithm. After seven days, respondents who participated in the experiment were re-contacted, answered some question about their exposure to and the content of the selected Twitter accounts, and completed the survey questionnaire about their political attitudes and opinions. To verify respondents' activity on Twitter, information was collected with a passive behavioural meter.

Table 12 shows the experimental variables of EXPERIMENT 2, carried out in the second wave. This study examines the effects of priming political polarization or populist political frames on political polarization as measured in interpersonal trust discrimination via behavioural games (i.e. trust games) and measures of political affect (feeling thermometers). Via simple randomization, respondents are assigned to one of 5 groups: Control, Polarizing Treatment, Unifying Treatment, Dispositional Issue Frame (populist) and Situational Issue Frame (non-populist).

Table 13 shows the experimental varaibles of EXPERIMENT 3, carried out in the third wave. The purpose of the experiment is to prove the social sorting behind social partisan identity. Respondents are asked to choose the basic characteristics of a hypothetical family unit moving respondents' next door. Specifically, we use a fully randomized conjoint experiment that varies the attributes presented with respect to 10/11 (depending on the country) dimensions shared by the neighboring families: territorial identity; ideology; immigrant; sex orientation; party supporter; education; environmentalist; pet owner; religion; politicisation; and language (for the Spanish case) or attitudes towards vaccination (for the Italian case). In each round or task, respondents are shown two neighbor's profiles, which both display the same dimensions but then vary the attributes within each dimension. For each task, respondents are required to choose between the two proposals presented to them.

Table 11 List of Variables for the First Experiment

Battery	Variable name	Value label	Variable label	W1	W2	W3
	esmp1a_1	yndk	Twitter account	X		
BATTERY:						
esmP0 battery	esmP0a_1	option1k	Treatment option	X		
	esmP0b_1	participationk	Participation in experiment	X		

Battery	Variable name	Value label	Variable label	W1	W2	W3
	esmP0c_1	option2k	List of Twitter accounts	X		
	esmP1_1	yndk	Following political accounts on Twitter	X		
	esmP2_1_1	accounts1k	Political accounts followed on Twitter 1	X		
	esmP2_1_2	accounts2k	Political accounts followed on Twitter 2	X		
	esmP3_1	followk	Previously followed account	X		
	esmP3_1_3_value	alpha	Previously followed account	X		
	esmP4_PO_1	topicsk	Discussed topics	X		
	esmP5_1	agree5ik	Agreement with opinions	X		
	esmP6_1	tonesk	Tone of opinions	X		
	esmP7_1	trustk	Trust in account	X		

Table 12 List of Variables for the Second Experiment

Battery	Variable name	Value label	Variable label	W1	W2	W3
	esmP8_2	yndk	Understand game rules		X	
	esmP9_2	correctk	Trust game knowledge 1		X	
	esmP9_1_2	correctk	Trust game knowledge 1 - Loop 1		X	
	esmP9_2_2	correctk	Trust game knowledge 1 - Loop 2		X	
	esmP9_3_2	correctk	Trust game knowledge 1 - Loop 3		X	
	esmP9_4_2	correctk	Trust game knowledge 1 - Loop 4		X	
	esmP9_5_2	correctk	Trust game knowledge 1 - Loop 5		X	
	esmP10_2	correctk	Trust game knowledge 2		X	
	esmP10_1_2	correctk	Trust game knowledge 2 - Loop 1		X	
	esmP10_2_2	correctk	Trust game knowledge 2 - Loop 2		X	
	esmP10_3_2	correctk	Trust game knowledge 2 - Loop 3		X	
	esmP10_4_2	correctk	Trust game knowledge 2 - Loop 4		X	
	esmP10_5_2	correctk	Trust game knowledge 2 - Loop 5		X	
	esmP0c_2	participationk	Participation in trust game		X	
	esmP11_2	dkda	Points given to player 2		X	
	esmP12_2	jumpk	Polarization (Chile, Portugal)		X	
	esmP13_2_1	nydk	Polarizing treatment (National problems worsened by differences between politicians)		X	

Battery	Variable name	Value label	Variable label	W1	W2	W3
	esmP13_2_1_value	alpha	Polarizing treatment (National problems worsened by differences between politicians)		X	
	esmP14_2_1	nydk	Unifying treatment (National problems improved by similarities between politicians)		X	
	esmP14_2_1_value	alpha	Unifying treatment (National problems improved by similarities between politicians)		X	
	esmP15_2_1	nydk	Populist treatment 1 (Groups responsible for national problems)		X	
	esmP15_2_1_value	alpha	Populist treatment 1 (Groups responsible for national problems)		X	
	esmP16_2_1	nydk	Populist treatment 2 (What to do with groups responsible for national problems)		X	
	esmP16_2_1_value	alpha	Populist treatment 2 (What to do with groups responsible for national problems)		X	
	esmP17_2_1	nydk	Non-populist treatment 1 (Events responsible for national problems)		X	
	esmP17_2_1_value	alpha	Non-populist treatment 1 (Events responsible for national problems)		X	
	esmP18_2_1	nydk	Non-populist treatment 2 (What to do about events responsible for national problems)		X	
	esmP18_2_1_value	alpha	Non-populist treatment 2 (What to do about events responsible for national problems)		X	
	GAME_SHOW_2	gamek	Question show in GAME 2		X	
	MOST_LIKED_SHOW_esmP19_3	alpha	Most liked political leader selected by wave 1 (p33 or p36)		X	
	LEAST_LIKED_SHOW_esmP19_3	alpha	Least liked political leader selected by wave 1 (p36)		X	
	esmP19_2	dkda	Points given to player 3		X	
	esmP20_2	dkda	Points given to player 4		X	
	esmP21_2	yndk	Understand Trust Game, Player 2		X	
	esmP22_2	pointsk	Trust game knowledge 3		X	
	esmP22_1_2	pointsk	Trust game knowledge 3 - Loop 1		X	
	esmP23_2_1	conk	Points given to player 1 - Box 1		X	
	esmP23_2_2	conk	Points given to player 1 - Box 2		X	
	esmP23_2_3	conk	Points given to player 1 - Box 3		X	
	esmP23_2_4	conk	Points given to player 1 - Box 4		X	

Battery	Variable name	Value label	Variable label	W1	W2	W3
	esmP23_2_5	conk	Points given to player 1 - Box 5		X	
	esmP23_2_6	conk	Points given to player 1 - Box 6		X	
	esmP24_2	yndk	You are making the decision to give away more than half of your accumulated points. Are you sure of your decision?		X	
	esmP23_bis_2_1	conk	Points given to player 1 - Box 1		X	
	esmP23_bis_2_2	conk	Points given to player 1 - Box 2		X	
	esmP23_bis_2_3	conk	Points given to player 1 - Box 3		X	
	esmP23_bis_2_4	conk	Points given to player 1 - Box 4		X	
	esmP23_bis_2_5	conk	Points given to player 1 - Box 5		X	
	esmP23_bis_2_6	conk	Points given to player 1 - Box 6		X	

Table 13 List of Variables for the Third Experiment

Battery	Variable name	Value label	Variable label	W1	W2	W3
BATTERY: Task 1						
esmP12_1 battery	esmP12_1_PO_3	neighbourk	Neighbour preference			X
	esmP12a_1_A_PO_3	natidentityk	Territorial identity preference			X
	esmP12b_1_A_PO_3	ideologyk	Ideology preference			X
	esmP12c_1_A_PO_3	inmigrantk	Immigration preference			X
	esmP12e_1_A_PO_3	partnerk	Sexuality preference			X
	esmP12f_1_A_PO_3	supporterk	Party support preference			X
	esmP12g_1_A_PO_3	universityk	Education preference			X
	esmP12h_1_A_PO_3	environmentk	Environmentalism preference			X
	esmP12i_1_A_PO_3	petk	Pet ownership preference			X
	esmP12j_1_A_PO_3	religiousk	Religion preference			X
	esmP12k_1_A_PO_3	politisatk	Politicisation preference			X
	esmP12a_1_B_PO_3	natidentityk	Territorial identity preference			X

	esmP12b_1_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_1_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_1_B_PO_3	Partnerk	Sexuality preference	X
	esmP12f_1_B_PO_3	supporterk	Party support preference	X
	esmP12g_1_B_PO_3	universityk	Education preference	X
	esmP12h_1_B_PO_3	Environmentk	Environmentalism preference	X
	esmP12i_1_B_PO_3	Petk	Pet ownership preference	X
	esmP12j_1_B_PO_3	Religiousk	Religion preference	X
	esmP12k_1_B_PO_3	Politisatk	Politicisation preference	X
BATTERY: Task 2				
esmP12_2 battery	esmP12_2_PO_3	neighbourk	Neighbour preference	X
	esmP12a_2_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_2_A_PO_3	Ideologyk	Ideology preference	X
	esmP12c_2_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_2_A_PO_3	Partnerk	Sexuality preference	X
	esmP12f_2_A_PO_3	supporterk	Party support preference	X
	esmP12g_2_A_PO_3	universityk	Education preference	X
	esmP12h_2_A_PO_3	Environmentk	Environmentalism preference	X
	esmP12i_2_A_PO_3	Petk	Pet ownership preference	X
	esmP12j_2_A_PO_3	Religiousk	Religion preference	X
	esmP12k_2_A_PO_3	Politisatk	Politicisation preference	X
	esmP12a_2_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_2_B_PO_3	Ideologyk	Ideology preference	X
	esmP12c_2_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_2_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_2_B_PO_3	supporterk	Party support preference	X

	esmP12g_2_B_PO_3	universityk	Education preference	X
	esmP12h_2_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_2_B_PO_3	petk	Pet ownership preference	X
	esmP12j_2_B_PO_3	religiousk	Religion preference	X
	esmP12k_2_B_PO_3	politisatk	Politicisation preference	X
BATTERY: Task 3				
esmP12_3 battery	esmP12_3_PO_3	neighbourk	Neighbour preference	X
	esmP12a_3_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_3_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_3_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_3_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_3_A_PO_3	supporterk	Party support preference	X
	esmP12g_3_A_PO_3	universityk	Education preference	X
	esmP12h_3_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_3_A_PO_3	petk	Pet ownership preference	X
	esmP12j_3_A_PO_3	religiousk	Religion preference	X
	esmP12k_3_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_3_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_3_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_3_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_3_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_3_B_PO_3	supporterk	Party support preference	X
	esmP12g_3_B_PO_3	universityk	Education preference	X
	esmP12h_3_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_3_B_PO_3	petk	Pet ownership preference	X
	esmP12j_3_B_PO_3	religiousk	Religion preference	X

	esmP12k_3_B_PO_3	politisatk	Politicisation preference	X

BATTERY: Task 4

esmP12_4 battery	esmP12_4_PO_3	neighbourk	Neighbour preference	X
	esmP12a_4_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_4_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_4_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_4_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_4_A_PO_3	supporterk	Party support preference	X
	esmP12g_4_A_PO_3	universityk	Education preference	X
	esmP12h_4_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_4_A_PO_3	petk	Pet ownership preference	X
	esmP12j_4_A_PO_3	religiousk	Religion preference	X
	esmP12k_4_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_4_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_4_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_4_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_4_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_4_B_PO_3	supporterk	Party support preference	X
	esmP12g_4_B_PO_3	universityk	Education preference	X
	esmP12h_4_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_4_B_PO_3	petk	Pet ownership preference	X
	esmP12j_4_B_PO_3	religiousk	Religion preference	X
	esmP12k_4_B_PO_3	politisatk	Politicisation preference	X

BATTERY: Task 5

esmP12_5 battery	esmP12_5_PO_3	neighbourk	Neighbour preference	X
	esmP12a_5_A_PO_3	natidentityk	Territorial identity preference	X

	esmP12b_5_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_5_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_5_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_5_A_PO_3	supporterk	Party support preference	X
	esmP12g_5_A_PO_3	universityk	Education preference	X
	esmP12h_5_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_5_A_PO_3	petk	Pet ownership preference	X
	esmP12j_5_A_PO_3	religiousk	Religion preference	X
	esmP12k_5_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_5_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_5_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_5_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_5_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_5_B_PO_3	supporterk	Party support preference	X
	esmP12g_5_B_PO_3	universityk	Education preference	X
	esmP12h_5_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_5_B_PO_3	petk	Pet ownership preference	X
	esmP12j_5_B_PO_3	religiousk	Religion preference	X
	esmP12k_5_B_PO_3	politisatk	Politicisation preference	X
BATTERY: Task 6				
esmP12_6 battery	esmP12_6_PO_3	neighbourk	Neighbour preference	X
	esmP12a_6_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_6_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_6_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_6_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_6_A_PO_3	supporterk	Party support preference	X

	esmP12g_6_A_PO_3	universityk	Education preference	X
	esmP12h_6_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_6_A_PO_3	petk	Pet ownership preference	X
	esmP12j_6_A_PO_3	religiousk	Religion preference	X
	esmP12k_6_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_6_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_6_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_6_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_6_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_6_B_PO_3	supporterk	Party support preference	X
	esmP12g_6_B_PO_3	universityk	Education preference	X
	esmP12h_6_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_6_B_PO_3	petk	Pet ownership preference	X
	esmP12j_6_B_PO_3	religiousk	Religion preference	X
	esmP12k_6_B_PO_3	politisatk	Politicisation preference	X
BATTERY: Task 7				
esmP12_7 battery	esmP12_7_PO_3	neighbourk	Neighbour preference	X
	esmP12a_7_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_7_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_7_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_7_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_7_A_PO_3	supporterk	Party support preference	X
	esmP12g_7_A_PO_3	universityk	Education preference	X
	esmP12h_7_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_7_A_PO_3	petk	Pet ownership preference	X
	esmP12j_7_A_PO_3	religiousk	Religion preference	X

	esmP12k_7_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_7_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_7_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_7_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_7_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_7_B_PO_3	supporterk	Party support preference	X
	esmP12g_7_B_PO_3	universityk	Education preference	X
	esmP12h_7_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_7_B_PO_3	petk	Pet ownership preference	X
	esmP12j_7_B_PO_3	religiousk	Religion preference	X
	esmP12k_7_B_PO_3	politisatk	Politicisation preference	X
BATTERY: Task 8				
esmP12_8 battery	esmP12_8_PO_3	neighbourk	Neighbour preference	X
	esmP12a_8_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_8_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_8_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_8_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_8_A_PO_3	supporterk	Party support preference	X
	esmP12g_8_A_PO_3	universityk	Education preference	X
	esmP12h_8_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_8_A_PO_3	petk	Pet ownership preference	X
	esmP12j_8_A_PO_3	religiousk	Religion preference	X
	esmP12k_8_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_8_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_8_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_8_B_PO_3	inmigrantk	Immigration preference	X

	esmP12e_8_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_8_B_PO_3	supporterk	Party support preference	X
	esmP12g_8_B_PO_3	universityk	Education preference	X
	esmP12h_8_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_8_B_PO_3	petk	Pet ownership preference	X
	esmP12j_8_B_PO_3	religiousk	Religion preference	X
	esmP12k_8_B_PO_3	politisatk	Politicisation preference	X
BATTERY: Task 9				
esmP12_9 battery	esmP12_9_PO_3	neighbourk	Neighbour preference	X
	esmP12a_9_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_9_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_9_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_9_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_9_A_PO_3	supporterk	Party support preference	X
	esmP12g_9_A_PO_3	universityk	Education preference	X
	esmP12h_9_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_9_A_PO_3	petk	Pet ownership preference	X
	esmP12j_9_A_PO_3	religiousk	Religion preference	X
	esmP12k_9_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_9_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_9_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_9_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_9_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_9_B_PO_3	supporterk	Party support preference	X
	esmP12g_9_B_PO_3	universityk	Education preference	X
	esmP12h_9_B_PO_3	environmentk	Environmentalism preference	X

	esmP12i_9_B_PO_3	petk	Pet ownership preference	X
	esmP12j_9_B_PO_3	religiousk	Religion preference	X
	esmP12k_9_B_PO_3	politisatk	Politicisation preference	X

BATTERY: Task 10

esmP12_10 battery	esmP12_10_PO_3	neighbourk	Neighbour preference	X
	esmP12a_10_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_10_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_10_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_10_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_10_A_PO_3	supporterk	Party support preference	X
	esmP12g_10_A_PO_3	universityk	Education preference	X
	esmP12h_10_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_10_A_PO_3	petk	Pet ownership preference	X
	esmP12j_10_A_PO_3	religiousk	Religion preference	X
	esmP12k_10_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_10_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_10_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_10_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_10_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_10_B_PO_3	supporterk	Party support preference	X
	esmP12g_10_B_PO_3	universityk	Education preference	X
	esmP12h_10_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_10_B_PO_3	petk	Pet ownership preference	X
	esmP12j_10_B_PO_3	religiousk	Religion preference	X
	esmP12k_10_B_PO_3	politisatk	Politicisation preference	X

BATTERY: Task 11

esmP12_11 battery	esmP12_11_PO_3	neighbourk	Neighbour preference	X
	esmP12a_11_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_11_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_11_A_PO_3	inmigrantk	Immigration preference	X
	esmP12e_11_A_PO_3	partnerk	Sexuality preference	X
	esmP12f_11_A_PO_3	supporterk	Party support preference	X
	esmP12g_11_A_PO_3	universityk	Education preference	X
	esmP12h_11_A_PO_3	environmentk	Environmentalism preference	X
	esmP12i_11_A_PO_3	petk	Pet ownership preference	X
	esmP12j_11_A_PO_3	religiousk	Religion preference	X
	esmP12k_11_A_PO_3	politisatk	Politicisation preference	X
	esmP12a_11_B_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_11_B_PO_3	ideologyk	Ideology preference	X
	esmP12c_11_B_PO_3	inmigrantk	Immigration preference	X
	esmP12e_11_B_PO_3	partnerk	Sexuality preference	X
	esmP12f_11_B_PO_3	supporterk	Party support preference	X
	esmP12g_11_B_PO_3	universityk	Education preference	X
	esmP12h_11_B_PO_3	environmentk	Environmentalism preference	X
	esmP12i_11_B_PO_3	petk	Pet ownership preference	X
	esmP12j_11_B_PO_3	religiousk	Religion preference	X
	esmP12k_11_B_PO_3	politisatk	Politicisation preference	X
BATTERY: Task 12				
esmP12_12 battery	esmP12_12_PO_3	neighbourk	Neighbour preference	X
	esmP12a_12_A_PO_3	natidentityk	Territorial identity preference	X
	esmP12b_12_A_PO_3	ideologyk	Ideology preference	X
	esmP12c_12_A	inmigrantk	Immigration preference	X

_PO_3			
esmP12e_12_A_PO_3	partnerk	Sexuality preference	X
esmP12f_12_A_PO_3	supporterk	Party support preference	X
esmP12g_12_A_PO_3	universityk	Education preference	X
esmP12h_12_A_PO_3	environmentk	Environmentalism preference	X
esmP12i_12_A_PO_3	petk	Pet ownership preference	X
esmP12j_12_A_PO_3	religiousk	Religion preference	X
esmP12k_12_A_PO_3	politisatk	Politicisation preference	X
esmP12a_12_B_PO_3	natidentityk	Territorial identity preference	X
esmP12b_12_B_PO_3	ideologyk	Ideology preference	X
esmP12c_12_B_PO_3	inmigrantk	Immigration preference	X
esmP12e_12_B_PO_3	partnerk	Sexuality preference	X
esmP12f_12_B_PO_3	supporterk	Party support preference	X
esmP12g_12_B_PO_3	universityk	Education preference	X
esmP12h_12_B_PO_3	environmentk	Environmentalism preference	X
esmP12i_12_B_PO_3	petk	Pet ownership preference	X
esmP12j_12_B_PO_3	religiousk	Religion preference	X
esmP12k_12_B_PO_3	politisatk	Politicisation preference	X
MOST_LIKED_SHOW_esmP19_3	alpha	Most liked political leader selected by wave 2 (p33 or p36)	X
LEAST_LIKED_SHOW_esmP19_3	alpha	Least liked political leader selected by wave 2 (p36)	X

Table 14 List of Passive Meter Variables

Battery	Variable name	Value label	Variable label	W1	W2	W3
BATTERY:						
met1 battery	met1a	conk	Windows computer	X	X	X
	met1b	conk	Apple computer	X	X	X
	met1c	conk	Android smartphone or tablet	X	X	X
	met1d	conk	Apple smartphone or tablet	X	X	X
	met1e	conk	Others	X	X	X
	met1e_other	alpha	Devices used in last 15 days	X	X	X
BATTERY:						
met2 battery	met2a	yndk	IE on Windows computer	X	X	X
	met2b	yndk	Chrome on Windows computer	X	X	X
	met2c	yndk	Firefox on Windows computer	X	X	X
	met2d	yndk	Edge, Opera, others, on Windows computer	X	X	X
	met3a	yndk	IE on Apple computer	X	X	X
	met3b	yndk	Safari on Apple computer	X	X	X
	met3c	yndk	Chrome on Apple computer	X	X	X
	met3d	yndk	Firefox on Apple computer	X	X	X
	met3e	yndk	Edge, Opera, others, on Apple computer	X	X	X
	met4a	yndk	Chrome on Android device	X	X	X
	met4b	yndk	Samsung browser on Android device	X	X	X
	met4c	yndk	Firefox on Android device	X	X	X
	met4d	yndk	Edge, Opera, others on Android device	X	X	X
BATTERY:						
met5 battery	met5a_1	yndk	Twitter	X		X
	met5b_1	yndk	Facebook	X		X
	met5c_PO_	yndk	Sapo	X		X
	met5d_PO_	yndk	Publico	X		X

Battery	Variable name	Value label	Variable label	W1	W2	W3
	met5e_PO_	yndk	tvi24	X		X
	met5f_PO_	yndk	RTP	X		X
	met5g_PO_	yndk	Diário de Notícias	X		X
	met5h_PO_	yndk	Correio da Manhã	X		X
	met5i_PO_	yndk	Observador	X		X
	met5j_PO_	yndk	Jornal de Noticias	X		X
	met5k_PO_	yndk	Noticias ao Minuto	X		X
	met5l_PO_	yndk	Expresso	X		X
	met6_hh	con	Time spent on internet	X	X	X
	met6_mm	con	Time spent on internet	X	X	X

7. Codes for Categorical Variables

Below, we show the correspondence between the coding and labels of each of the variables having a non-generic label (we also display the coding of some categorical variables with generic value labels). When several consecutive variables (most often, of the same battery) have the same coding, after showing the names of all the variables, their coding is shown only once:

Global Categorical Variables

g7 (DEVICE):

Minimum: 1. Maximum: 3

1 = Desktop
2 = Tablet
3 = Mobile

g8 (SURVEYCOUNTRY):

Minimum:1. Maximum: 5

1 = España
2 = Argentina
3 = Chile
4 = Italia
5 = Portugal

g9 (TRACKER):

Minimum: 1. Maximum: 4

1 = Only Desktop
2 = Only Mobile
3 = Desktop & Mobile
4 = Inactive
.c = [NA]

g10 (REGION_PT):

Minimum: 1. Maximum: 7

1 = Alentejo
2 = Algarve
3 = Centro
4 = Lisboa
5 = Norte
6 = Açores
7 = Madeira
.c = [NA]

g11 (EDUCATION_PT):

Minimum: 1. Maximum: 14

1 = Sem estudos
2 = Escola Primária
3 = 6ª Classe / 6º ano
4 = Ciclo preparatório
5 = 5º ano antigo
6 = Escola Industrial/ Comercial
7 = 7º,8º,9º anos unificados
8 = 7º ano antigo/ Propedêutico
9 = 10º,11º,12º anos unificados
10 = Cursos de 2/3 anos com início a seguir ao 5º/9º anos
11 = Faculdade (completa ou incompleta)
12 = Cursos com início a seguir ao 11º/12º anos unificados ou 7º ano antigo
13 = Mestre
14 = Doutorado
.c = [NA]

g12 (HABITAT_PT):

Minimum: 1. Maximum: 3

1 = <50001
2 = 50001-200000
3 = >=200001
.c = [NA]

g16 (Would you like to participate in this survey?):

Minimum: 1. Maximum: 2

1 = Yes, I want to participate
2 = No, I prefer not to participate

g17 (Select the option:):

Minimum: 1. Maximum: 4

1 = OPTION A + OPTION C (Lista A)
2 = OPTION A + OPTION D (Lista B)
3 = OPTION B + OPTION C (Lista A)
4 = OPTION B + OPTION D (Lista B)

Socio-Demographic Categorical Variables

s1_1 (Gender):
s1_2 (Gender):
s1_3 (Gender):

Minimum: 1. Maximum: 2

1 = Male

2 = Female

.z = [NA: not in wave]

s2_1REC (Range of Age):

s2_2REC (Range of Age):

s2_3REC (Range of Age):

Minimum: 1. Maximum: 6

1 = 0_17

2 = 18_24

3 = 25_34

4 = 35_44

5 = 45_54

6 = 55_+

.b = [DA]

.z = [NA: not in wave]

s3b_1 (Size of town/city):

Minimum: 1. Maximum: 5

1 = A big city

2 = A suburb of a large town or city

3 = A medium sized town

4 = A small town

5 = Rural area or village

.a = [DK]

.b = [DA]

s4b_PO_1 (Level of education):

Minimum: 1. Maximum: 77

1 = Nenhum

2 = Ensino Básico 1 (até à 4a classe, instrução primaria (3o ou 4o ano))

3 = Ensino Básico 2 (preparatorio/5o e 6o anos / 5a ou 6a classe, 1o ciclo dos liceus ou do ensino tecnico comercial ou indu

4 = Cursos de educação e formação de tipo 1. Atribuição de 'Diploma de qualificação profissional de nivel 1'

5 = Ensino Básico 3 (certificado de conclusão de um dos seguintes graus de escolaridade: 9o ano; 5o ano dos liceus; 05 escol

6 = Cursos de educação e formação de tipo 2. Atribuição de 'Diploma de qualificação profissional de nivel 2'

7 = Cursos de educação e formação de tipo 3 e 4. Atribuição de 'Diploma de qualificação profissional de nivel 2'

8 = Ensino Secundario - cursos cientifico-humanisticos (certificado de conclusão de um dos seguintes graus de escolaridade:

9 = Ensino secundario - cursos tecnologicos, cursos artisticos especializados (artes visuais e audiovisuais, danc¸a, musica)

10 = Cursos de especializaçao tecnologica. Atribuição de 'Diploma de especializaçao tecnologica'

11 = Ensino superior politecnico: bacharelato de 3 anos (magisterio primario, servic¸o social, regente agricola); Antigos cur

12 = Ensino superior politecnico: licenciaturas de 3-4 anos curriculares; licenciatura complemento de formação

13 = Ensino superior universitario: licenciaturas de 3-4 anos curriculares; licenciatura bietapica de 4 anos

14 = Pos-graduação: especializaçao Pos-licenciatura sem atribuição de grau academico, MBA

15 = Ensino superior universitario: licenciatura com mais de 4 anos curriculares; licenciatura bietapica de 5 anos

16 = Mestrado (inclui Mestrado Integrado)

17 = Doutoramento

55 = Nenhum dos anteriores

77 = Recusa

.a = [DK]

s5_1 (Marital/civil status):

Minimum: 1. Maximum: 6

1 = Married

2 = In a partnered relationship

3 = Legally separated

4 = Divorced

5 = Widowed

6 = None of the above (I have never been married)

.a = [DK]

.b = [DA]

s8_1 (Employment status):

s8_2 (Employment status):

s8_3 (Employment status):

Minimum: 1. Maximum: 10

1 = Employed, but on temporary leave (includes temporary maternity/paternity leave, accident, illness or holidays).

2 = Employed (full-time or part-time).

3 = Self-employed professional.

4 = Owner of a small personal or family business.

5 = Studying, even if you have been on holiday (includes company-paid training)

6 = Unemployed and actively seeking work

7 = Unemployed, wanting to find a job but not actively looking for one

8 = Chronically ill or permanently disabled

9 = Retired

10 = Homemaker, stay-at-home parent, or caregiver

.a = [DK]

.b = [DA]

.z = [NA: not in wave]

s9_1 (Feelings about household income):

s9_2 (Feelings about household income):

s9_3 (Feelings about household income):

Minimum: 1. Maximum: 4

1 = With our current income we live comfortably
2 = With our current income we get by
3 = With our current income we have difficulties
4 = With our current income we have many difficulties
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

s11a_1 (Concern about paying household bills):
s11b_1 (Concern about reducing standard of living):
s11c_1 (Concern about employment):
s11d_1 (Concern about bank debts, mortgage):
s11a_2 (Concern about paying household bills):
s11b_2 (Concern about reducing standard of living):
s11c_2 (Concern about employment):
s11d_2 (Concern about bank debts, mortgage):
s11a_3 (Concern about paying household bills):
s11b_3 (Concern about reducing standard of living):
s11c_3 (Concern about employment):
s11d_3 (Concern about bank debts, mortgage):

Minimum: 0. Maximum: 3

0 = Not at all concerned
1 = A bit concerned
2 = Quite concerned
3 = Very concerned
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

s12_PO_1 (Net household income):

Minimum: 1. Maximum: 10

1 = 470 euros or less // 5640 euros or less
2 = More than 471 euros up to 650 euros // More than 5641 euros up to 7800 euros
3 = Over 651 euros up to 825 euros // More than 7801 euros up to 9900 euros
4 = Over 826 euros up to 1050 euros // More than 9901 euros up to 12600 euros
5 = More than 1051 euros up to 1260 euros // Over 12601 euros up to 15120 euros
6 = Over 1261 euros up to 1500 euros // More than 15121 euros up to 18000 euros
7 = Over 1501 euros up to 1800euros // More than 18001 euros up to 21600 euros
8 = More than 1801 euros up to 2200 euros // More than 21601 up to 26400
9 = More than 2201 euros up to 2925 euros // More than 26401 euros up to 35100 euros
10 = More than 2926 euros // More than 35101 euros
.a = [DK]

s14a_1 (Religious affiliation):

Minimum: 1. Maximum: 9

1 = Catholic
2 = Protestant
3 = Orthodox
4 = Evangelical Christian
5 = Other Christian denominations
6 = Jewish
7 = Muslim
8 = Eastern religions (Buddhist, Hindu, Sikh, Shinto, Taoist)
9 = Other non-Christian religions
.a = [DK]

s14b_1 (Attendance at religious services):
Minimum: 1. Maximum: 6
1 = Every day
2 = More than once a week
3 = Once a week
4 = At least once a month
5 = Only on special religious holidays
6 = Never
.a = [DK]

Opinion or Attitudinal Categorical Variables

There are many opinion and attitudinal variables ("p" variables) that are categorical, often with non-generic value labels. We show them below.

p1_1 (Political interest):
p1_2 (Political interest):
p1_3 (Political interest):
Minimum: 1. Maximum: 4
1 = A lot
2 = A fair amount
3 = A little
4 = Not at all
.a = [DK]
.z = [NA: not in wave]

p2_1 (Satisfaction with the national economy):
p2_3 (Satisfaction with the national economy):
Minimum: 0. Maximum: 10
0 = 0 Completely dissatisfied
1 = 1
2 = 2
3 = 3
4 = 4

5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Completely satisfied
.a = [DK]
.z = [NA: not in wave]

p3_PO_1 (Main problem in Portugal):
p3_PO_2 (Main problem in Portugal):
p3_PO_3 (Main problem in Portugal):
Minimum: 1. Maximum: 22
1 = The Pandemic
2 = Unemployment
3 = Drugs
4 = The healthcare system
5 = Housing
6 = Education
7 = Terrorism
8 = International terrorism (Islamic State/ISIS)
9 = Corruption
10 = Immigration
11 = Brexit and EU integration
12 = Violence against women
13 = Political instability
14 = The refugee crisis
15 = Climate change
16 = Pensions
17 = Citizen insecurity
18 = Taxes
19 = Parties and politicians in general
21 = The economic situation
22 = Other
.a = [DK]
.z = [NA: not in wave]

p4a_1 (Say in national politics):
p4b_1 (Influence on national politics):
p4a_3 (Say in national politics):
p4b_3 (Influence on national politics):
Minimum: 1. Maximum: 5
1 = Not at all
2 = Very little
3 = To some extent
4 = A fair amount

5 = A great deal
.a = [DK]
.z = [NA: not in wave]

p4c_1 (Ability to be in political group):
p4c_3 (Ability to be in political group):
Minimum: 1. Maximum: 5
1 = Not at all able
2 = A little able
3 = Quite able
4 = Very able
5 = Completely able
.a = [DK]
.z = [NA: not in wave]

p4d_1 (Ability to participate in politics):
p4d_3 (Ability to participate in politics):
Minimum: 1. Maximum: 5
1 = Not at all confident
2 = A little confident
3 = Quite confident
4 = Very confident
5 = Completely confident
888 = I don't know
.a = [DK]
.z = [NA: not in wave]

p5a_1 (Freedom to criticize the government):
p5b_1 (Jobs for everyone):
p5c_1 (Free and fair elections):
p5d_1 (Low income inequality):
p5e_1 (A free and uncensored media):
p5f_1 (Protection of minority rights):
p5g_1 (Majoritarian rule):
p5a_2 (Freedom to criticize the government):
p5b_2 (Jobs for everyone):
p5c_2 (Free and fair elections):
p5d_2 (Low income inequality):
p5e_2 (A free and uncensored media):
p5f_2 (Protection of minority rights):
p5g_2 (Majoritarian rule):
p5a_3 (Freedom to criticize the government):
p5b_3 (Jobs for everyone):
p5c_3 (Free and fair elections):

p5d_3 (Low income inequality):
p5e_3 (A free and uncensored media):
p5f_3 (Protection of minority rights):
p5g_3 (Majoritarian rule):
Minimum: 1. Maximum: 4
1 = Very important
2 = Important
3 = Somewhat important
4 = Not important at all
.a = [DK]
.z = [NA: not in wave]

p6a_1 (Freedom of media in country):
p6a_3 (Freedom of media in country):
Minimum: 1. Maximum: 4
1 = Not free
2 = Somewhat free
3 = Free
4 = Very free
.a = [DK]
.z = [NA: not in wave]

p7a_1 (One-party elections):
p7b_1 (Abolishment of National Assembly / Parliament):
p7c_1 (Government by armed forces):
p7d_1 (Party exclusion in national elections):
p7e_1 (Restricted voting rights):
p7f_1 (Media censorship):
p7g_1 (Ban on public protests):
p7a_2 (One-party elections):
p7b_2 (Abolishment of National Assembly / Parliament):
p7c_2 (Government by armed forces):
p7d_2 (Party exclusion in national elections):
p7e_2 (Restricted voting rights):
p7f_2 (Media censorship):
p7g_2 (Ban on public protests):
p7a_3 (One-party elections):
p7b_3 (Abolishment of National Assembly / Parliament):
p7c_3 (Government by armed forces):
p7d_3 (Party exclusion in national elections):
p7e_3 (Restricted voting rights):
p7f_3 (Media censorship):
p7g_3 (Ban on public protests):
Minimum: 1. Maximum: 5
1 = Strongly agree
2 = Agree

3 = Neither agree or disagree
4 = Disagree
5 = Strongly disagree
.a = [DK]
.z = [NA: not in wave]

p8_1 (Preferred political regime):
p8_3 (Preferred political regime):
Minimum: 1. Maximum: 3
1 = For people like me, one regime is the same as another
2 = Under some circumstances, an authoritarian regime is preferable to a democratic system
3 = Democracy is preferable to any other form of government
.a = [DK]
.z = [NA: not in wave]

p9_1 (Satisfaction with democracy in country):
p9_3 (Satisfaction with democracy in country):
Minimum: 1. Maximum: 4
1 = Not at all satisfied
2 = Not very satisfied
3 = Somewhat satisfied
4 = Very satisfied
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p10a_1 (Unemployment):
p10b_1 (Education):
p10c_1 (Health):
p10d_1 (Immigration):
p10e_1 (Pensions):
p10f_1 (Corruption):
p10g_1 (Social inequality):
p10h_1 (The COVID-19 pandemic):
p10a_3 (Level of Unemployment):
p10b_3 (Education):
p10c_3 (Health):
p10d_3 (Situation with immigrants):
p10e_3 (The pension system):
p10f_3 (Corruption):
p10g_3 (Social inequality):
p10h_3 (The COVID-19 pandemic):
Minimum: 0. Maximum: 10
0 = 0 Extremely bad
1 = 1

2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Extremely good
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p11_1 (Satisfaction with current national government):
p11_3 (Satisfaction with current national government):
Minimum: 0. Maximum: 10
0 = 0 Completely dissatisfied
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Completely satisfied
.a = [DK]
.z = [NA: not in wave]

p45a_PO_3 (Violence and street crime caused by immigration):
p45b_PO_3 (Climate change NOT due to human activity):
p45c_PO_3 (Inequality has decreased in last decade):
p45d_PO_3 (10% of population are immigrants):
p45e_PO_3 (Gender violence is a dramatic reality in our country):
Minimum: 0. Maximum: 10
0 = 0 Entirely untrue
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5 I'm not sure
6 = 6
7 = 7
8 = 8
9 = 9

10 = 10 Entirely true
.a = [DK]
.z = [NA: not in wave]

p12_1 (Left-right ideological positioning):
p12_2 (Left-right ideological positioning):
p12_3 (Left-right ideological positioning):
Minimum: 0. Maximum: 10
0 = 0 Left
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Right
.a = [DK]
.z = [NA: not in wave]

pcontrol1_1 (Control questions):
pcontrol1_3 (Control questions):
Minimum: 1. Maximum: 6
1 = Berlin
2 = Barcelona
3 = Rome
4 = Buenos Aires
5 = Santiago de Chile
6 = Lisbon
.z = [NA: not in wave]

p40a_1 (Identification with “Left” label):
p40b_1 (Identification with “Right” label):
p40c_1 (Identification with “Center” label):
p40a_2 (Identification with “Left” label):
p40b_2 (Identification with “Right” label):
p40c_2 (Identification with “Center” label):
p40a_3 (Identification with “Left” label):
p40b_3 (Identification with “Right” label):
p40c_3 (Identification with “Center” label):
Minimum: 1. Maximum: 4
1 = Very much
2 = Somewhat
3 = A little

4 = Not at all
.a = [DK]
.z = [NA: not in wave]

p13a_PO_1 (PSD ideology):
p13b_PO_1 (PS ideology):
p13c_PO_1 (BE ideology):
p13d_PO_1 (CDS-PP ideology):
p13e_PO_1 (PCP ideology):
p13f_PO_1 (PEV ideology):
p13g_PO_1 (IL ideology):
p13h_PO_1 (PAN ideology):
p13i_PO_1 (Chega ideology):
p13j_PO_1 (Livre ideology):
p13a_PO_2 (PSD ideology):
p13b_PO_2 (PS ideology):
p13c_PO_2 (BE ideology):
p13d_PO_2 (CDS-PP ideology):
p13e_PO_2 (PCP ideology):
p13f_PO_2 (PEV ideology):
p13g_PO_2 (IL ideology):
p13h_PO_2 (PAN ideology):
p13i_PO_2 (Chega ideology):
p13j_PO_2 (Livre ideology):
p13a_PO_3 (PSD ideology):
p13b_PO_3 (PS ideology):
p13c_PO_3 (BE ideology):
p13d_PO_3 (CDS-PP ideology):
p13e_PO_3 (PCP ideology):
p13f_PO_3 (PEV ideology):
p13g_PO_3 (IL ideology):
p13h_PO_3 (PAN ideology):
p13i_PO_3 (Chega ideology):
p13j_PO_3 (Livre ideology):
Minimum: 0. Maximum: 10
0 = 0 Left
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Right

.a = [DK]
.z = [NA: not in wave]

p14a_PO_1 (Customs of immigrants in Portugal):
p14a_PO_3 (Customs of immigrants in Portugal):
Minimum: 0. Maximum: 10
0 = 0 They ought to adapt to the customs of Portugal
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 They should be able to keep their customs
.a = [DK]
.z = [NA: not in wave]

p14b_PO_1 (Solution to the Portuguese economy):
p14b_PO_3 (Solution to the Portuguese economy):
Minimum: 0. Maximum: 10
0 = 0 Private initiative is the best way
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 State intervention is the best way
.a = [DK]
.z = [NA: not in wave]

p14c_1 (Same-sex marriage):
p14c_3 (Same-sex marriage):
Minimum: 0. Maximum: 10
0 = 0 They should be forbidden by law
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5

6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 They should be allowed by law
.a = [DK]
.z = [NA: not in wave]

p14d_1 (Public services):
p14d_3 (Public services):
Minimum: 0. Maximum: 10
0 = 0 They should be carried out by private companies
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 They should be carried out by public institutions
.a = [DK]
.z = [NA: not in wave]

p14e_1 (Abortion):
p14e_3 (Abortion):
Minimum: 0. Maximum: 10
0 = 0 Abortion should be legal
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Abortion should be illegal
.a = [DK]
.z = [NA: not in wave]

p14f_PO_1 (Amount of immigration to Portugal):
p14f_PO_3 (Amount of immigration to Portugal):
Minimum: 0. Maximum: 10
0 = 0 Immigration to Portugal should be reduced

1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Immigration to Portugal should be increased
.a = [DK]
.z = [NA: not in wave]

p14g_1 (Citizen freedoms vs public health):
p14g_3 (Citizen freedoms vs public health):
Minimum: 0. Maximum: 10
0 = 0 Citizens' freedoms should always come before public health
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Public health should always come before citizens' freedoms
.a = [DK]
.z = [NA: not in wave]

p15a_PO_1 (Feelings towards Gypsies):
p15b_PO_1 (Feelings towards black people):
p15c_PO_1 (Feelings towards Portuguese people):
p15d_PO_1 (Feelings towards Europeans):
p15e_PO_1 (Feelings towards refugees):
p15f_PO_1 (Feelings towards immigrants):
p15g_PO_1 (Feelings towards homosexuals):
p15h_PO_1 (Feelings towards Muslims):
p15i_PO_1 (Feelings towards Catholics):
p15j_PO_1 (Feelings towards Brazilians):
p15k_PO_1 (Feelings towards Atheists):
p15l_PO_1 (Feelings towards young people):
p15a_PO_3 (Feelings towards Gypsies):
p15b_PO_3 (Feelings towards black people):
p15c_PO_3 (Feelings towards Portuguese people):
p15d_PO_3 (Feelings towards Europeans):

p15e_PO_3 (Feelings towards refugees):
p15f_PO_3 (Feelings towards immigrants):
p15g_PO_3 (Feelings towards homosexuals):
p15h_PO_3 (Feelings towards Muslims):
p15i_PO_3 (Feelings towards Catholics):
p15j_PO_3 (Feelings towards Brazilians):
p15k_PO_3 (Feelings towards Atheists):
p15l_PO_3 (Feelings towards young people):
p15m_PO_3 (Feelings towards environmentalists):
p16a_PO_1 (Feelings towards PSD voters):
p16b_PO_1 (Feelings towards PS voters):
p16f_PO_1 (Feelings towards IL voters):
p16c_PO_1 (Feelings towards BE voters):
p16h_PO_1 (Feelings towards Chega voters):
p16e_PO_1 (Feelings towards CDU (PCP-PEV) voters):
p16g_PO_1 (Feelings towards PAN voters):
p16d_PO_1 (Feelings towards CDS-PP voters):
p16i_PO_1 (Feelings towards Livre voters):
p16m_1 (Feelings towards left-wing voters):
p16n_1 (Feelings towards centrist voters):
p16o_1 (Feelings towards right-wing voters):
p16a_PO_2 (Feelings towards PSD voters):
p16b_PO_2 (Feelings towards PS voters):
p16f_PO_2 (Feelings towards IL voters):
p16c_PO_2 (Feelings towards BE voters):
p16h_PO_2 (Feelings towards Chega voters):
p16e_PO_2 (Feelings towards CDU (PCP-PEV) voters):
p16g_PO_2 (Feelings towards PAN voters):
p16d_PO_2 (Feelings towards CDS-PP voters):
p16i_PO_2 (Feelings towards Livre voters):
p16m_2 (Feelings towards left-wing voters):
p16n_2 (Feelings towards centrist voters):
p16o_2 (Feelings towards right-wing voters):
p16a_PO_3 (Feelings towards PSD voters):
p16b_PO_3 (Feelings towards PS voters):
p16f_PO_3 (Feelings towards IL voters):
p16c_PO_3 (Feelings towards BE voters):
p16h_PO_3 (Feelings towards Chega voters):
p16e_PO_3 (Feelings towards CDU (PCP-PEV) voters):
p16g_PO_3 (Feelings towards PAN voters):
p16d_PO_3 (Feelings towards CDS-PP voters):
p16i_PO_3 (Feelings towards Livre voters):
p16m_3 (Feelings towards left-wing voters):
p16n_3 (Feelings towards centrist voters):
p16o_3 (Feelings towards right-wing voters):
p17a_PO_1 (Feelings towards António Costa):

p17b_PO_1 (Feelings towards Rui Rio):
p17c_PO_1 (Feelings towards João Cotrim de Figueiredo):
p17d_PO_1 (Feelings towards Catarina Martins):
p17e_PO_1 (Feelings towards André Ventura):
p17f_PO_1 (Feelings towards Jerónimo de Sousa):
p17g_PO_1 (Feelings towards Inês Sousa Real):
p17h_PO_1 (Feelings towards Francisco Rodrigues dos Santos):
p17i_PO_1 (Feelings towards Rui Tavares):
p17a_PO_2 (Feelings towards António Costa):
p17b_PO_2 (Feelings towards Rui Rio):
p17c_PO_2 (Feelings towards João Cotrim de Figueiredo):
p17d_PO_2 (Feelings towards Catarina Martins):
p17e_PO_2 (Feelings towards André Ventura):
p17f_PO_2 (Feelings towards Jerónimo de Sousa):
p17g_PO_2 (Feelings towards Inês Sousa Real):
p17h_PO_2 (Feelings towards Francisco Rodrigues dos Santos):
p17i_PO_2 (Feelings towards Rui Tavares):
p17a_PO_3 (Feelings towards António Costa):
p17b_PO_3 (Feelings towards Rui Rio):
p17c_PO_3 (Feelings towards João Cotrim de Figueiredo):
p17d_PO_3 (Feelings towards Catarina Martins):
p17e_PO_3 (Feelings towards André Ventura):
p17f_PO_3 (Feelings towards Jerónimo de Sousa):
p17g_PO_3 (Feelings towards Inês Sousa Real):
p17h_PO_3 (Feelings towards Francisco Rodrigues dos Santos):
p17i_PO_3 (Feelings towards Rui Tavares):

Minimum: 0. Maximum: 100

0 = 0 Unfavourable feelings
15 = 15
30 = 30
40 = 40
50 = 50 Indifferent
60 = 60
70 = 70
85 = 85
100 = 100 Favourable feelings
.a = [DK]
.z = [NA: not in wave]

rotP41_2 (Rotation to p41a / p41b):
rotP41_3 (Rotation to p41a / p41b):

Minimum: 1. Maximum: 2

1 = p41a / p41b
2 = p41b / p41a
.c = [NA]
.z = [NA: not in wave]

p17a1_PO_1 (António Costa hopeful):
p17a2_PO_1 (António Costa proud):
p17a3_PO_1 (António Costa angry):
p17a4_PO_1 (António Costa fearful):
p17a5_PO_1 (António Costa indifferent):
p17a6_PO_1 (António Costa disgusted):
p17b1_PO_1 (Rui Rio hopeful):
p17b2_PO_1 (Rui Rio proud):
p17b3_PO_1 (Rui Rio angry):
p17b4_PO_1 (Rui Rio fearful):
p17b5_PO_1 (Rui Rio indifferent):
p17b6_PO_1 (Rui Rio disgusted):
p17c1_PO_1 (João Cotrim de Figueiredo hopeful):
p17c2_PO_1 (João Cotrim de Figueiredo proud):
p17c3_PO_1 (João Cotrim de Figueiredo angry):
p17c4_PO_1 (João Cotrim de Figueiredo fearful):
p17c5_PO_1 (João Cotrim de Figueiredo indifferent):
p17c6_PO_1 (João Cotrim de Figueiredo disgusted):
p17d1_PO_1 (Catarina Martins hopeful):
p17d2_PO_1 (Catarina Martins proud):
p17d3_PO_1 (Catarina Martins angry):
p17d4_PO_1 (Catarina Martins fearful):
p17d5_PO_1 (Catarina Martins indifferent):
p17d6_PO_1 (Catarina Martins disgusted):
p17e1_PO_1 (André Ventura hopeful):
p17e2_PO_1 (André Ventura proud):
p17e3_PO_1 (André Ventura angry):
p17e4_PO_1 (André Ventura fearful):
p17e5_PO_1 (André Ventura indifferent):
p17e6_PO_1 (André Ventura disgusted):
p17f1_PO_1 (Jerónimo de Sousa hopeful):
p17f2_PO_1 (Jerónimo de Sousa proud):
p17f3_PO_1 (Jerónimo de Sousa angry):
p17f4_PO_1 (Jerónimo de Sousa fearful):
p17f5_PO_1 (Jerónimo de Sousa indifferent):
p17f6_PO_1 (Jerónimo de Sousa disgusted):
p17h1_PO_1 (Francisco Rodrigues dos Santos hopeful):
p17h2_PO_1 (Francisco Rodrigues dos Santos proud):
p17h3_PO_1 (Francisco Rodrigues dos Santos angry):
p17h4_PO_1 (Francisco Rodrigues dos Santos fearful):
p17h5_PO_1 (Francisco Rodrigues dos Santos indifferent):
p17h6_PO_1 (Francisco Rodrigues dos Santos disgusted):
p17a1_PO_2 (António Costa hopeful):
p17a2_PO_2 (António Costa proud):
p17a3_PO_2 (António Costa angry):

p17a4_PO_2 (António Costa fearful):
p17a5_PO_2 (António Costa indifferent):
p17a6_PO_2 (António Costa disgusted):
p17b1_PO_2 (Rui Rio hopeful):
p17b2_PO_2 (Rui Rio proud):
p17b3_PO_2 (Rui Rio angry):
p17b4_PO_2 (Rui Rio fearful):
p17b5_PO_2 (Rui Rio indifferent):
p17b6_PO_2 (Rui Rio disgusted):
p17c1_PO_2 (João Cotrim de Figueiredo hopeful):
p17c2_PO_2 (João Cotrim de Figueiredo proud):
p17c3_PO_2 (João Cotrim de Figueiredo angry):
p17c4_PO_2 (João Cotrim de Figueiredo fearful):
p17c5_PO_2 (João Cotrim de Figueiredo indifferent):
p17c6_PO_2 (João Cotrim de Figueiredo disgusted):
p17d1_PO_2 (Catarina Martins hopeful):
p17d2_PO_2 (Catarina Martins proud):
p17d3_PO_2 (Catarina Martins angry):
p17d4_PO_2 (Catarina Martins fearful):
p17d5_PO_2 (Catarina Martins indifferent):
p17d6_PO_2 (Catarina Martins disgusted):
p17e1_PO_2 (André Ventura hopeful):
p17e2_PO_2 (André Ventura proud):
p17e3_PO_2 (André Ventura angry):
p17e4_PO_2 (André Ventura fearful):
p17e5_PO_2 (André Ventura indifferent):
p17e6_PO_2 (André Ventura disgusted):
p17f1_PO_2 (Jerónimo de Sousa hopeful):
p17f2_PO_2 (Jerónimo de Sousa proud):
p17f3_PO_2 (Jerónimo de Sousa angry):
p17f4_PO_2 (Jerónimo de Sousa fearful):
p17f5_PO_2 (Jerónimo de Sousa indifferent):
p17f6_PO_2 (Jerónimo de Sousa disgusted):
p17h1_PO_2 (Francisco Rodrigues dos Santos hopeful):
p17h2_PO_2 (Francisco Rodrigues dos Santos proud):
p17h3_PO_2 (Francisco Rodrigues dos Santos angry):
p17h4_PO_2 (Francisco Rodrigues dos Santos fearful):
p17h5_PO_2 (Francisco Rodrigues dos Santos indifferent):
p17h6_PO_2 (Francisco Rodrigues dos Santos disgusted):
p17a1_PO_3 (António Costa hopeful):
p17a2_PO_3 (António Costa proud):
p17a3_PO_3 (António Costa angry):
p17a4_PO_3 (António Costa fearful):
p17a5_PO_3 (António Costa indifferent):
p17a6_PO_3 (António Costa disgusted):
p17b1_PO_3 (Rui Rio hopeful):

p17b2_PO_3 (Rui Rio proud):
p17b3_PO_3 (Rui Rio angry):
p17b4_PO_3 (Rui Rio fearful):
p17b5_PO_3 (Rui Rio indifferent):
p17b6_PO_3 (Rui Rio disgusted):
p17c1_PO_3 (João Cotrim de Figueiredo hopeful):
p17c2_PO_3 (João Cotrim de Figueiredo proud):
p17c3_PO_3 (João Cotrim de Figueiredo angry):
p17c4_PO_3 (João Cotrim de Figueiredo fearful):
p17c5_PO_3 (João Cotrim de Figueiredo indifferent):
p17c6_PO_3 (João Cotrim de Figueiredo disgusted):
p17d1_PO_3 (Catarina Martins hopeful):
p17d2_PO_3 (Catarina Martins proud):
p17d3_PO_3 (Catarina Martins angry):
p17d4_PO_3 (Catarina Martins fearful):
p17d5_PO_3 (Catarina Martins indifferent):
p17d6_PO_3 (Catarina Martins disgusted):
p17e1_PO_3 (André Ventura hopeful):
p17e2_PO_3 (André Ventura proud):
p17e3_PO_3 (André Ventura angry):
p17e4_PO_3 (André Ventura fearful):
p17e5_PO_3 (André Ventura indifferent):
p17e6_PO_3 (André Ventura disgusted):
p17f1_PO_3 (Jerónimo de Sousa hopeful):
p17f2_PO_3 (Jerónimo de Sousa proud):
p17f3_PO_3 (Jerónimo de Sousa angry):
p17f4_PO_3 (Jerónimo de Sousa fearful):
p17f5_PO_3 (Jerónimo de Sousa indifferent):
p17f6_PO_3 (Jerónimo de Sousa disgusted):
p17g1_PO_3 (Inês Sousa Real hopeful):
p17g2_PO_3 (Inês Sousa Real proud):
p17g3_PO_3 (Inês Sousa Real angry):
p17g4_PO_3 (Inês Sousa Real fearful):
p17g5_PO_3 (Inês Sousa Real indifferent):
p17g6_PO_3 (Inês Sousa Real disgusted):
p17h1_PO_3 (Francisco Rodrigues dos Santos hopeful):
p17h2_PO_3 (Francisco Rodrigues dos Santos proud):
p17h3_PO_3 (Francisco Rodrigues dos Santos angry):
p17h4_PO_3 (Francisco Rodrigues dos Santos fearful):
p17h5_PO_3 (Francisco Rodrigues dos Santos indifferent):
p17h6_PO_3 (Francisco Rodrigues dos Santos disgusted):
p17i1_PO_3 (Rui Tavares hopeful):
p17i2_PO_3 (Rui Tavares proud):
p17i3_PO_3 (Rui Tavares angry):
p17i4_PO_3 (Rui Tavares fearful):
p17i5_PO_3 (Rui Tavares indifferent):

p17i6_PO_3 (Rui Tavares disgusted):
Minimum: 1. Maximum: 5
1 = Always
2 = Most of the time
3 = About half of the time
4 = Occasionally
5 = Never
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p18a_2 (Trust your family):
p18b_2 (Trust your neighbours):
p18c_2 (Trust people you know):
p18d_2 (Trust people you meet 1st time):
p18e_2 (Trust social media contacts):
p18f_2 (Trust people of another religion):
p18a_3 (Trust your family):
p18b_3 (Trust your neighbours):
p18c_3 (Trust people you know):
p18d_3 (Trust people you meet 1st time):
p18e_3 (Trust social media contacts):
p18f_3 (Trust people of another religion):
p18g_3 (Scientists and the scientific community):
Minimum: 0. Maximum: 10
0 = 0 I don't trust them at all
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Complete trust
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p19a_PO_1 (Trust the Portuguese Parliament):
p19b_PO_1 (Trust the Portuguese government):
p19c_PO_1 (Trust the municipal government):
p19e_PO_1 (Trust politicians in Portugal):
p19f_PO_1 (Trust political parties in Portugal):
p19g_PO_1 (Trust the Portuguese police):

p19h_PO_1 (Trust the Portuguese army):
p19i_PO_1 (Trust the Portuguese judicial system):
p19a_PO_2 (Trust the Portuguese Parliament):
p19b_PO_2 (Trust the Portuguese government):
p19c_PO_2 (Trust the municipal government):
p19e_PO_2 (Trust politicians in Portugal):
p19f_PO_2 (Trust political parties in Portugal):
p19g_PO_2 (Trust the Portuguese police):
p19h_PO_2 (Trust the Portuguese army):
p19i_PO_2 (Trust the Portuguese judicial system):
p19a_PO_3 (Trust the Portuguese Parliament):
p19b_PO_3 (Trust the Portuguese government):
p19c_PO_3 (Trust the municipal government):
p19e_PO_3 (Trust politicians in Portugal):
p19f_PO_3 (Trust political parties in Portugal):
p19g_PO_3 (Trust the Portuguese police):
p19h_PO_3 (Trust the Portuguese army):
p19i_PO_3 (Trust the Portuguese judicial system):
Minimum: 0. Maximum: 10

0 = 0 I don't trust it at all
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Complete trust
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p20a_1 (People can be trusted):
p20a_2 (People can be trusted):
p20a_3 (People can be trusted):
Minimum: 0. Maximum: 10

0 = 0 You can never be too careful
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7

8 = 8
9 = 9
10 = 10 Most people can be trusted
.a = [DK]
.z = [NA: not in wave]

p20b_1 (People are honest):
p20b_2 (People are honest):
p20b_3 (People are honest):
Minimum: 0. Maximum: 10
0 = 0 Most people would try to take advantage of me
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Most people would be honest with me
.a = [DK]
.z = [NA: not in wave]

p20c_1 (People help others):
p20c_2 (People help others):
p20c_3 (People help others):
Minimum: 0. Maximum: 10
0 = 0 Most of the time people look out for themselves
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Most of the time people try to help others
.a = [DK]
.z = [NA: not in wave]

pcontrol2_1 (Control questions):
pcontrol2_3 (Control questions):
Minimum: 1. Maximum: 3
1 = Yes

2 = No
3 = Other (Please Specify):
.z = [NA: not in wave]

p21a_1 (Print newspapers political news source):
p21b_1 (Online newspapers political news source):
p21c_1 (Radio political news source):
p21d_1 (Magazines political news source):
p21e_1 (Blogs political news source):
p21f_1 (Television political news source):
p21g_1 (Social media political news source):
p21a_3 (Print newspapers political news source):
p21b_3 (Online newspapers political news source):
p21c_3 (Radio political news source):
p21d_3 (Magazines political news source):
p21e_3 (Blogs political news source):
p21f_3 (Television political news source):
p21g_3 (Social media political news source):
Minimum: 0. Maximum: 8
0 = Never
1 = Less than once a month
2 = Once a month
3 = Several times a month
4 = Once a week
5 = Several times a week
6 = Every day
7 = Several times a day
.a = [DK]
.z = [NA: not in wave]

p21h_1 (Print newspapers trust):
p21i_1 (Online newspapers trust):
p21j_1 (Radio trust):
p21k_1 (Magazines trust):
p21l_1 (Blogs trust):
p21m_1 (Television trust):
p21n_1 (Social media trust):
p21h_3 (Print newspapers trust):
p21i_3 (Online newspapers trust):
p21j_3 (Radio trust):
p21k_3 (Magazines trust):
p21l_3 (Blogs trust):
p21m_3 (Television trust):
p21n_3 (Social media trust):
Minimum: 0. Maximum: 10
0 = 0 I don’t trust it at all

1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Completely trust
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p21o_1 (Most trusted newspaper):
p21o_3 (Most trusted newspaper):
Minimum: 1. Maximum: 1
1 = 1
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p22a_1 (Talk about politics with family frequency):
p22a_3 (Talk about politics with family frequency):
Minimum: 0. Maximum: 6
0 = Never
1 = Less than once a month
2 = Once a month
3 = Several times a month
4 = Once a week
5 = Several times a week
6 = Every day
.a = [DK]
.z = [NA: not in wave]

p22b_1 (Agree about politics with family frequency):
p22c_1 (Disagree with political views of family frequency):
p22b_3 (Agree about politics with family frequency):
p22c_3 (Disagree with political views of family frequency):
Minimum: 0. Maximum: 3
0 = Never
1 = Occasionally
2 = Usually
3 = Always
.a = [DK]
.c = [NA]

.z = [NA: not in wave]

p22d_1 (Family party support):
p22d_3 (Family party support):
Minimum: 0. Maximum: 3
0 = Do not support any party
1 = Support a different party than yours
2 = Divide their support among different parties
3 = Support the same party as you
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p23a_1 (Talk about politics with friends frequency):
p23a_3 (Talk about politics with friends frequency):
Minimum: 0. Maximum: 6
0 = Never
1 = Less than once a month
2 = Once a month
3 = Several times a month
4 = Once a week
5 = Several times a week
6 = Every day
.a = [DK]
.z = [NA: not in wave]

p23b_1 (Agree about politics with friends frequency):
p23c_1 (Disagree with political views of friends frequency):
p23b_3 (Agree about politics with friends frequency):
p23c_3 (Disagree with political views of friends frequency):
Minimum: 0. Maximum: 3
0 = Never
1 = Occasionally
2 = Usually
3 = Always
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p23d_1 (Friends party support):
p23d_3 (Friends party support):
Minimum: 0. Maximum: 3
0 = Do not support any party
1 = Support a different party than yours
2 = Divide their support among different parties
3 = Support the same party as you

.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p24a_1 (Account on Twitter):
p24b_1 (Account on Facebook):
p24c_1 (Account on TikTok):
p24d_1 (Account on LinkedIn):
p24e_1 (Account on Instagram):
p24f_1 (Account on Twitch):
p24g_1 (Account on Snapchat):
p24h_1 (Account on YouTube):
p24i_1 (Account on WhatsApp):
p24j_1 (Account on Telegram):
p24k_1 (Account on other social media):
p24l_1 (Account on other messaging system):
p24a_3 (Account on Twitter):
p24b_3 (Account on Facebook):
p24c_3 (Account on TikTok):
p24d_3 (Account on LinkedIn):
p24e_3 (Account on Instagram):
p24f_3 (Account on Twitch):
p24g_3 (Account on Snapchat):
p24h_3 (Account on YouTube):
p24i_3 (Account on WhatsApp):
p24j_3 (Account on Telegram):
p24k_3 (Account on other social media):
p24l_3 (Account on other messaging system):
Minimum: 1. Maximum: 2
1 = Yes
2 = No
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p25a_1 (Share political issues on social media frequency):
p25a_3 (Share political issues on social media frequency):
Minimum: 0. Maximum: 6
0 = Never
1 = Less than once a month
2 = Once a month
3 = Several times a month
4 = Once a week
5 = Several times a week
6 = Every day
.a = [DK]

.b = [DA]
.c = [NA]
.z = [NA: not in wave]

p25b_1 (Agree about politics on social media frequency):
p25c_1 (Disagree with political views on social media frequency):
p25b_3 (Agree about politics on social media frequency):
p25c_3 (Disagree with political views on social media frequency):
Minimum: 0. Maximum: 3
0 = Never
1 = Occasionally
2 = Usually
3 = Always
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p25d_1 (Social media party support):
p25d_3 (Social media party support):
Minimum: 0. Maximum: 3
0 = Don't support any party
1 = Support a different party than yours
2 = Divide their support among different parties
3 = Support the same party as you
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p26a_1 (Close network political views on social media frequency):
p26b_1 (Peers and colleagues political views on social media frequency):
p26c_1 (Parties and candidates political views on social media frequency):
p26d_1 (Main media outlets political views on social media frequency):
p26e_1 (Journalists political views on social media frequency):
p26f_1 (Influencers political views on social media frequency):
p26a_3 (Close network political views on social media frequency):
p26b_3 (Peers and colleagues political views on social media frequency):
p26c_3 (Parties and candidates political views on social media frequency):
p26d_3 (Main media outlets political views on social media frequency):
p26e_3 (Journalists political views on social media frequency):
p26f_3 (Influencers political views on social media frequency):
Minimum: 1. Maximum: 6
1 = Every day or almost every day
2 = Several days a week
3 = Only on weekends
4 = From time to time
5 = Never or hardly ever

6 = I don't follow these profiles
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p27a_1 (Close network social media information trust):
p27b_1 (Peers and colleagues social media information trust):
p27c_1 (Parties and candidates social media information trust):
p27d_1 (Main media outlets social media information trust):
p27e_1 (Journalists social media information trust):
p27f_1 (Influencers social media information trust):
p27a_3 (Close network social media information trust):
p27b_3 (Peers and colleagues social media information trust):
p27c_3 (Parties and candidates social media information trust):
p27d_3 (Main media outlets social media information trust):
p27e_3 (Journalists social media information trust):
p27f_3 (Influencers social media information trust):
Minimum: 1. Maximum: 4
1 = Completely
2 = Somewhat
3 = A little
4 = Not at all
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p28a_1 (Share political issues on messaging services frequency):
p28a_3 (Share political issues on messaging services frequency):
Minimum: 0. Maximum: 6
0 = Never
1 = Less than once a month
2 = Once a month
3 = Several times a month
4 = Once a week
5 = Several times a week
6 = Every day
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p28b_1 (Agree about politics on messaging services frequency):
p28c_1 (Disagree with political views on messaging services frequency):
p28b_3 (Agree about politics on messaging services frequency):
p28c_3 (Disagree with political views on messaging services frequency):
Minimum: 0. Maximum: 3
0 = Never

1 = Occasionally
2 = Usually
3 = Always
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p28d_1 (Messaging services party support):
p28d_3 (Messaging services party support):
Minimum: 0. Maximum: 3
0 = Don’t support any party
1 = Support a different party than yours
2 = Divide their support among different parties
3 = Support the same party as you
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p29a_1 (Close network messaging services political information frequency):
p29b_1 (Peers and colleagues messaging services political information frequency):
p29a_3 (Close network messaging services political information frequency):
p29b_3 (Peers and colleagues messaging services political information frequency):
Minimum: 1. Maximum: 6
1 = Every day or almost every day
2 = Several days a week
3 = Only on weekends
4 = From time to time
5 = Never or hardly ever
6 = I don't follow these profiles
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p30a_1 (Close network messaging services information trust):
p30b_1 (Peers and colleagues messaging services information trust):
p30a_3 (Close network messaging services information trust):
p30b_3 (Peers and colleagues messaging services information trust):
Minimum: 1. Maximum: 4
1 = Completely
2 = Somewhat
3 = A little
4 = Not at all
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p31a_1 (Fake news on mainstream media frequency):
p31b_1 (Fake news on social media frequency):
p31c_1 (Fake news on messaging apps frequency):
p31d_1 (Fake news in face-to-face conversations frequency):
p31a_2 (Fake news on mainstream media frequency):
p31b_2 (Fake news on social media frequency):
p31c_2 (Fake news on messaging apps frequency):
p31d_2 (Fake news in face-to-face conversations frequency):
p31a_3 (Fake news on mainstream media frequency):
p31b_3 (Fake news on social media frequency):
p31c_3 (Fake news on messaging apps frequency):
p31d_3 (Fake news in face-to-face conversations frequency):
Minimum: 1. Maximum: 5
1 = Never
2 = Rarely
3 = Sometimes
4 = Often
5 = Always
.a = [DK]
.z = [NA: not in wave]

p32a_1 (Cut off contact on social media for political reasons):
p32b_1 (Didn't publish political content on social media to avoid conflict):
p32c_1 (Trolling/bullying in political conversation on social media):
p32a_2 (Cut off contact on social media for political reasons):
p32b_2 (Didn't publish political content on social media to avoid conflict):
p32c_2 (Trolling/bullying in political conversation on social media):
p32a_3 (Cut off contact on social media for political reasons):
p32b_3 (Didn't publish political content on social media to avoid conflict):
p32c_3 (Trolling/bullying in political conversation on social media):
Minimum: 1. Maximum: 2
1 = Yes
2 = No
.a = [DK]
.z = [NA: not in wave]

p33_1 (Close to political party):
p33_2 (Close to political party):
p33_3 (Close to political party):
Minimum: 1. Maximum: 2
1 = Yes
2 = No
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p33a_PO_1 (Closest political party):
p33a_PO_2 (Closest political party):
p33a_PO_3 (Closest political party):
Minimum: 1. Maximum: 11
1 = PS (Partido Socialista)
2 = PSD (Partido Social Democrata)
3 = BE (Bloco de Esquerda)
4 = PCP (Partido Comunista Português)
5 = IL (Iniciativa Liberal)
6 = Chega
7 = PEV (Partido Ecologista "Os Verdes)
8 = PAN (Pessoas- Animais-Natureza)
9 = CDS-PP (Centro Democrático Social – Partido Popular)
10 = LIVRE
11 = Others
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p33b_1 (Level of closeness to political party):
p33b_2 (Level of closeness to political party):
p33b_3 (Level of closeness to political party):
Minimum: 0. Maximum: 3
0 = Not at all close
1 = Not very close
2 = Somewhat close
3 = Very close
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

p33c_1 (Self-identify with political party):
p33d_1 (Interest in public opinion of party):
p33e_1 (Insulted at party-criticism):
p33f_1 (Identify with party supporters):
p33g_1 (Importance of party-standing in opinion polls):
p33h_1 (Connection with party supporters):
p33i_1 (Political party as "my party"):
p33j_1 (Importance of party praise):
p33c_2 (Self-identify with political party):
p33d_2 (Interest in public opinion of party):
p33e_2 (Insulted at party-criticism):
p33f_2 (Identify with party supporters):
p33g_2 (Importance of party-standing in opinion polls):
p33h_2 (Connection with party supporters):
p33i_2 (Political party as "my party"):

p33j_2 (Importance of party praise):
p33c_3 (Self-identify with political party):
p33d_3 (Interest in public opinion of party):
p33e_3 (Insulted at party-criticism):
p33f_3 (Identify with party supporters):
p33g_3 (Importance of party-standing in opinion polls):
p33h_3 (Connection with party supporters):
p33i_3 (Political party as "my party"):
p33j_3 (Importance of party praise):
Minimum: 0. Maximum: 10

0 = 0 Completely disagree
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Completely agree
.a = [DK]
.b = [DA]
.c = [NA]
.z = [NA: not in wave]

p34a_1 (Signing a petition):
p34b_1 (Boycotting products):
p34c_1 (Displaying campaign propaganda):
p34d_1 (Participating in demonstrations):
p34e_1 (Participating in political rallies):
p34f_1 (Contacting a politician online):
p34g_1 (Posting political opinions on social media):
p34a_3 (Signing a petition):
p34b_3 (Boycotting products):
p34c_3 (Displaying campaign propaganda):
p34d_3 (Participating in demonstrations):
p34e_3 (Participating in political rallies):
p34f_3 (Contacting a politician online):
p34g_3 (Posting political opinions on social media):
Minimum: 1. Maximum: 2

1 = Yes
2 = No
.a = [DK]
.z = [NA: not in wave]

p35_1 (Probability to vote in upcoming general elections):
p35_3 (Probability to vote in upcoming general elections):
Minimum: 0. Maximum: 10
0 = 0 Would definitely not go to vote
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Would definitely go to vote
.a = [DK]
.z = [NA: not in wave]

p36a_PO_1 (Probability to vote PS):
p36b_PO_1 (Probability to vote PSD):
p36c_PO_1 (Probability to vote BE):
p36d_PO_1 (Probability to vote CDU (PCP-PEV)):
p36e_PO_1 (Probability to vote IL):
p36f_PO_1 (Probability to vote Chega):
p36g_PO_1 (Probability to vote PAN):
p36h_PO_1 (Probability to vote CDS-PP):
p36i_PO_1 (Probability to vote Livre):
p36a_PO_2 (Probability to vote PS):
p36b_PO_2 (Probability to vote PSD):
p36c_PO_2 (Probability to vote BE):
p36d_PO_2 (Probability to vote CDU (PCP-PEV)):
p36e_PO_2 (Probability to vote IL):
p36f_PO_2 (Probability to vote Chega):
p36g_PO_2 (Probability to vote PAN):
p36h_PO_2 (Probability to vote CDS-PP):
p36i_PO_2 (Probability to vote Livre):
p36a_PO_3 (Probability to vote PS):
p36b_PO_3 (Probability to vote PSD):
p36c_PO_3 (Probability to vote BE):
p36d_PO_3 (Probability to vote CDU (PCP-PEV)):
p36e_PO_3 (Probability to vote IL):
p36f_PO_3 (Probability to vote Chega):
p36g_PO_3 (Probability to vote PAN):
p36h_PO_3 (Probability to vote CDS-PP):
p36i_PO_3 (Probability to vote Livre):
Minimum: 0. Maximum: 10
0 = 0 Not at all likely

1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 Extremely likely
.a = [DK]
.z = [NA: not in wave]

p37_PO_1 (Preferred party for upcoming election):
p37_PO_2 (Preferred party for upcoming election):
p37_PO_3 (Preferred party for upcoming election):
Minimum: 1. Maximum: 24
1 = PS (Partido Socialista)
2 = PSD (Partido Social Democrata)
3 = BE (Bloco de Esquerda)
4 = CDU (Coligação Democrática Unitária)
5 = IL (Iniciativa Liberal)
6 = Chega
7 = PAN (Pessoas- Animais-Natureza)
8 = CDS-PP (Centro Democrático Social – Partido Popular)
9 = Livre
10 = Other
20 = Blank vote
21 = I would not vote
22 = I do not have the right to vote
23 = I don't know
24 = I prefer not to say
.a = [DK]
.z = [NA: not in wave]

p38a_PO_1 (The Minister of Defence in Portugal is João Gomes Cravinho):
p38b_PO_1 (The Portuguese Parliament has 175 deputies):
p38c_PO_1 (A person must be 25 or older to stand as a candidate in the Portuguese general election):
p38d_PO_1 (Pedro Marques is a member of the Portuguese Government):
p38e_PO_1 (The current government is a minority government formed by the PS):
p38a_PO_3 (The Minister of Defence in Portugal is João Gomes Cravinho):
p38b_PO_3 (The Portuguese Parliament has 175 deputies):
p38c_PO_3 (A person must be 25 or older to stand as a candidate in the Portuguese general election):
p38d_PO_3 (Pedro Marques is a member of the Portuguese Government):
p38e_PO_3 (The current government is a minority government formed by the PS):

Minimum: 1. Maximum: 777

1 = true

2 = false

777 = Time used

.a = [DK]

.b = [DA]

.z = [NA: not in wave]

p38a_PO_1_autoNext (AutoNext_The Minister of Defence in Portugal is João Gomes Cravinho):

p38b_PO_1_autoNext (AutoNext_The Portuguese Parliament has 175 deputies):

p38c_PO_1_autoNext (AutoNext_A person must be 25 years of age or older to stand as a candidate in the Portuguese general election):

p38d_PO_1_autoNext (AutoNext_Pedro Marques is a member of the Portuguese Government):

p38e_PO_1_autoNext (AutoNext_The current government is a minority government formed by the PS):

p38a_PO_3_autoNext (AutoNext_The Minister of Defence in Portugal is João Gomes Cravinho):

p38b_PO_3_autoNext (AutoNext_The Portuguese Parliament has 175 deputies):

p38c_PO_3_autoNext (AutoNext_A person must be 25 years of age or older to stand as a candidate in the Portuguese general election):

p38d_PO_3_autoNext (AutoNext_Pedro Marques is a member of the Portuguese Government):

p38e_PO_3_autoNext (AutoNext_The current government is a minority government formed by the PS):

Minimum: 1. Maximum: 2

1 = Yes

2 = No

.b = [DA]

.z = [NA: not in wave]

p39a_2 (Politicians should listen to the people):

p39b_2 (Politicians are too busy):

p39c_2 (The will of the people is the priority):

p39d_2 (The government is self-interested):

p39e_2 (The government helps people):

p39f_2 (There is corruption in the government):

p39g_2 (Political views define a person):

p39h_2 (Political views don’t define a person):

p39i_2 (People with other political views are misinformed):

p39a_3 (Politicians should listen to the people):

p39b_3 (Politicians are too busy):

p39c_3 (The will of the people is the priority):

p39d_3 (The government is self-interested):

p39e_3 (The government helps people):

p39f_3 (There is corruption in the government):

p39g_3 (Political views define a person):

p39h_3 (Political views don’t define a person):

p39i_3 (People with other political views are misinformed):

Minimum: 1. Maximum: 5

1 = Strongly agree
2 = Somewhat agree
3 = Neither agree nor disagree
4 = Somewhat disagree
5 = Strongly disagree
.a = [DK]
.b = [DA]
.z = [NA: not in wave]

p40_PO_2 (Disliked parties):

p40_PO_3 (Disliked parties):

Minimum: 1. Maximum: 24

1 = PS (Partido Socialista)
2 = PSD (Partido Social Democrata)
3 = BE (Bloco de Esquerda)
4 = CDU (Coligação Democrática Unitária)
5 = IL (Iniciativa Liberal)
6 = Chega
7 = PAN (Pessoas- Animais-Natureza)
8 = CDS-PP (Centro Democrático Social – Partido Popular)
9 = Livre
10 = Other
20 = Blank vote
21 = I would not vote
22 = I do not have the right to vote
23 = I don't know
24 = I prefer not to say
.a = [DK]
.z = [NA: not in wave]

MOST_LIKED_SHOW_p42p43p44_a_3 (MOST-LIKED PARTY SELECTED IN p16_2):

Minimum: 1. Maximum: 9

1 = PSD (Partido Social Democrata)
2 = PS (Partido Socialista)
3 = IL (Iniciativa Liberal)
4 = BE (Bloco de Esquerda)
5 = Chega
6 = CDU (PCP-PEV)
7 = PAN (Pessoas- Animais-Natureza)
8 = CDS-PP (Centro Democrático Social – Partido Popular)
9 = Livre
.c = [NA]
.z = [NA: not in wave]

LEAST_LIKED_SHOW_p42p43p44_b_3 (LEAST-LIKED PARTY SELECTED IN p40_3 OR IN p16_2):

Minimum: 1. Maximum: 10

1 = PSD (Partido Social Democrata)
2 = PS (Partido Socialista)
3 = IL (Iniciativa Liberal)
4 = BE (Bloco de Esquerda)
5 = Chega
6 = CDU (PCP-PEV)
7 = PAN (Pessoas- Animais-Natureza)
8 = CDS-PP (Centro Democrático Social – Partido Popular)
9 = Livre
10 = [Other p40_PO_3]
.c = [NA]
.z = [NA: not in wave]

MODERATE_SHOW_p42p43p44_c_3 (RANDOM PARTY WITHIN MODERATE RANGES IN p16_2):

Minimum: 1. Maximum: 9

1 = PSD (Partido Social Democrata)
2 = PS (Partido Socialista)
3 = IL (Iniciativa Liberal)
4 = BE (Bloco de Esquerda)
5 = Chega
6 = CDU (PCP-PEV)
7 = PAN (Pessoas- Animais-Natureza)
8 = CDS-PP (Centro Democrático Social – Partido Popular)
9 = Livre
.c = [NA]
.z = [NA: not in wave]

rotP42_3 (Rotation to p42a / p42b / p42c):

Minimum: 1. Maximum: 6

1 = p42a_p42b_p42c
2 = p42a_p42c_p42b
3 = p42b_p42a_p42c
4 = p42b_p42c_p42a
5 = p42c_p42a_p42b
6 = p42c_p42b_p42a
.c = [NA]
.z = [NA: not in wave]

p42a_3 (Child marriage in-party):

p42b_3 (Child marriage out-party):

p42c_3 (Child marriage other party):

Minimum: 0. Maximum: 10

0 = 0 I would be displeased
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5 It would make no difference
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 I would be pleased
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

rotP43_3 (Rotation to p43a / p43b / p43c):
Minimum: 1. Maximum: 6
1 = p43a_p43b_p43c
2 = p43a_p43c_p43b
3 = p43b_p43a_p43c
4 = p43b_p43c_p43a
5 = p43c_p43a_p43b
6 = p43c_p43b_p43a
.c = [NA]
.z = [NA: not in wave]

p43a_3 (Hire in-party member):
p43b_3 (Hire out-party member):
p43c_3 (Hire other party member):
Minimum: 0. Maximum: 10
0 = 0 I would be displeased
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5 It would make no difference
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 I would be pleased
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

rotP44_3 (Rotation to p44a / p44b / p44c):
Minimum: 1. Maximum: 6
1 = p44a_p44b_p44c
2 = p44a_p44c_p44b
3 = p44b_p44a_p44c
4 = p44b_p44c_p44a
5 = p44c_p44a_p44b
6 = p44c_p44b_p44a
.c = [NA]
.z = [NA: not in wave]

p44a_3 (In-party friendship):
p44b_3 (Out-party friendship):
p44c_3 (Other party friendship):
Minimum: 0. Maximum: 10
0 = 0 I would be displeased
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5 It would make no difference
6 = 6
7 = 7
8 = 8
9 = 9
10 = 10 I would be pleased
.a = [DK]
.c = [NA]
.z = [NA: not in wave]

Experimental Categorical Variables

esmP1a_1 (Following political accounts on Twitter):
Minimum: 1. Maximum: 2
1 = Yes
2 = No

esmP0a_1 (Treatment option):
Minimum: 0. Maximum: 1
0 = OPTION A
1 = OPTION B

esmP0b_1 (Participation in experiment):
Minimum: 1. Maximum: 2

1 = Yes, I want to participate

2 = No, I do not want to participate

esmP0c_1 (List of Twitter accounts):

Minimum: 0. Maximum: 1

0 = OPTION C (Lista A)

1 = OPTION D (Lista A)

esmP2_1_1 (Political accounts followed on Twitter 1):

Minimum: 0. Maximum: 209210

0 = Following no political account

201 = (PS) António Costa

202 = (BE) Catarina Martins

203 = PARTIDO SOCIAL DEMOCRATA Rui Rio

204 = PARTIDO COMUNISTA PORTUGUÊS

205 = CENTRO DEMOCRÁTICO SOCIAL

206 = PARTIDO ECOLOGISTA “OS VERDES”

207 = PAN - Pessoas-Animais-Natureza

208 = INICIATIVA LIBERAL João Cotrim Figueiredo

209 = CHEGA André Ventura

210 = LIVRE Rui Tavares

201202 = (PS) António Costa + (BE) Catarina Martins

201203 = (PS) António Costa + PARTIDO SOCIAL DEMOCRATA Rui Rio

201204 = (PS) António Costa + PARTIDO COMUNISTA PORTUGUÊS

201205 = (PS) António Costa + CENTRO DEMOCRÁTICO SOCIAL

201206 = (PS) António Costa + PARTIDO ECOLOGISTA “OS VERDES”

201207 = (PS) António Costa + PAN - Pessoas-Animais-Natureza

201208 = (PS) António Costa + INICIATIVA LIBERAL João Cotrim Figueiredo

201209 = (PS) António Costa + CHEGA André Ventura

201210 = (PS) António Costa + LIVRE Rui Tavares

202203 = (BE) Catarina Martins + PARTIDO SOCIAL DEMOCRATA Rui Rio

202204 = (BE) Catarina Martins + PARTIDO COMUNISTA PORTUGUÊS

202205 = (BE) Catarina Martins + CENTRO DEMOCRÁTICO SOCIAL

202206 = (BE) Catarina Martins + PARTIDO ECOLOGISTA “OS VERDES”

202207 = (BE) Catarina Martins + PAN - Pessoas-Animais-Natureza

202208 = (BE) Catarina Martins + INICIATIVA LIBERAL João Cotrim Figueiredo

202209 = (BE) Catarina Martins + CHEGA André Ventura

202210 = (BE) Catarina Martins + LIVRE Rui Tavares

203204 = PARTIDO SOCIAL DEMOCRATA Rui Rio + PARTIDO COMUNISTA PORTUGUÊS

203205 = PARTIDO SOCIAL DEMOCRATA Rui Rio + CENTRO DEMOCRÁTICO SOCIAL

203206 = PARTIDO SOCIAL DEMOCRATA Rui Rio + PARTIDO ECOLOGISTA “OS VERDES”

203207 = PARTIDO SOCIAL DEMOCRATA Rui Rio + PAN - Pessoas-Animais-Natureza

203208 = PARTIDO SOCIAL DEMOCRATA Rui Rio + INICIATIVA LIBERAL João Cotrim Figueiredo

203209 = PARTIDO SOCIAL DEMOCRATA Rui Rio + CHEGA André Ventura

203210 = PARTIDO SOCIAL DEMOCRATA Rui Rio + LIVRE Rui Tavares

204205 = PARTIDO COMUNISTA PORTUGUÊS + CENTRO DEMOCRÁTICO SOCIAL

204206 = PARTIDO COMUNISTA PORTUGUÊS + PARTIDO ECOLOGISTA "OS VERDES"

204207 = PARTIDO COMUNISTA PORTUGUÊS + PAN - Pessoas-Animais-Natureza

204208 = PARTIDO COMUNISTA PORTUGUÊS + INICIATIVA LIBERAL João Cotrim Figueiredo

204209 = PARTIDO COMUNISTA PORTUGUÊS + CHEGA André Ventura

204210 = PARTIDO COMUNISTA PORTUGUÊS + LIVRE Rui Tavares

205206 = CENTRO DEMOCRÁTICO SOCIAL + PARTIDO ECOLOGISTA "OS VERDES"

205207 = CENTRO DEMOCRÁTICO SOCIAL + PAN - Pessoas-Animais-Natureza

205208 = CENTRO DEMOCRÁTICO SOCIAL + INICIATIVA LIBERAL João Cotrim Figueiredo

205209 = CENTRO DEMOCRÁTICO SOCIAL + CHEGA André Ventura

205210 = CENTRO DEMOCRÁTICO SOCIAL + LIVRE Rui Tavares

206207 = PARTIDO ECOLOGISTA "OS VERDES" + PAN - Pessoas-Animais-Natureza

206208 = PARTIDO ECOLOGISTA "OS VERDES" + INICIATIVA LIBERAL João Cotrim Figueiredo

206209 = PARTIDO ECOLOGISTA "OS VERDES" + CHEGA André Ventura

206210 = PARTIDO ECOLOGISTA "OS VERDES" + LIVRE Rui Tavares

207208 = PAN - Pessoas-Animais-Natureza + INICIATIVA LIBERAL João Cotrim Figueiredo

207209 = PAN - Pessoas-Animais-Natureza + CHEGA André Ventura

207210 = PAN - Pessoas-Animais-Natureza + LIVRE Rui Tavares

208209 = INICIATIVA LIBERAL João Cotrim Figueiredo + CHEGA André Ventura

208210 = INICIATIVA LIBERAL João Cotrim Figueiredo + LIVRE Rui Tavares

209210 = CHEGA André Ventura + LIVRE Rui Tavares

.c = [NA]

.y = [NA: control group]

esmP2_1_2 (Political accounts followed on Twitter 2):

Minimum: 0. Maximum: 212213

0 = Following no political account

211 = Governo Português

212 = Governo Regional da Madeira

213 = Direcção Geral de Saúde

211212 = Governo Português + Governo Regional da Madeira

211213 = Governo Português + Direcção Geral de Saúde

212213 = Governo Regional da Madeira + Direcção Geral de Saúde

.c = [NA]

.y = [NA: control group]

esmP3_1 (Previously followed account):

Minimum: 1. Maximum: 3

1 = I was already following both of them

2 = I started following it/them after I was asked

3 = I was already following one of them. Which one?

.a = [DK]

.c = [NA]

.y = [NA: control group]

esmP4_PO_1 (Discussed topics):

Minimum: 1. Maximum: 79

1 = Issues related to the Covid-19 Pandemic

2 = Issues related to the Covid-19 vaccination campaign

3 = Issues related to the management of European funding (the so-called ussedr problems)

4 = Issues related to political conflict between parties or between government and opposition

5 = Issues related to the economic situation in Portugal

6 = Issues related to the social situation in Portugal

7 = Issues related to immigration in Portugal

9 = Other current issues

12 = Issues related to the Covid-19 Pandemic + Covid-19 vaccination campaign

13 = Issues related to the Covid-19 Pandemic + management of European funding (the so-called ussedr problems)

14 = Issues related to the Covid-19 Pandemic + political conflict between parties or between government and opposition

15 = Issues related to the Covid-19 Pandemic + economic situation in Portugal

16 = Issues related to the Covid-19 Pandemic + social situation in Portugal

17 = Issues related to the Covid-19 Pandemic + immigration in Portugal

19 = Issues related to the Covid-19 Pandemic + Other current issues

23 = Issues related to the Covid-19 vaccination campaign + management of European funding (the so-called ussedr problems)

24 = Issues related to the Covid-19 vaccination campaign + political conflict between parties or between government and opposition

25 = Issues related to the Covid-19 vaccination campaign + economic situation in Portugal

26 = Issues related to the Covid-19 vaccination campaign + social situation in Portugal

27 = Issues related to the Covid-19 vaccination campaign + immigration in Portugal

29 = Issues related to the Covid-19 vaccination campaign + Other current issues

34 = Issues related to the management of European funding (the so-called ussedr problems) + political conflict between parties or between government and opposition

35 = Issues related to the management of European funding (the so-called ussedr problems) + economic situation in Portugal

36 = Issues related to the management of European funding (the so-called ussedr problems) + social situation in Portugal

37 = Issues related to the management of European funding (the so-called ussedr problems) + immigration in Portugal

39 = Issues related to the management of European funding (the so-called ussedr problems) + Other current issues

45 = Issues related to political conflict between parties or between government and opposition + economic situation in Portugal

46 = Issues related to political conflict between parties or between government and opposition + social situation in Portugal

47 = Issues related to political conflict between parties or between government and opposition + immigration in Portugal

49 = Issues related to political conflict between parties or between government and

opposition + Other current issues
56 = Issues related to the economic situation in Portugal + social situation in Portugal
57 = Issues related to the economic situation in Portugal + immigration in Portugal
59 = Issues related to the economic situation in Portugal + Other current issues
67 = Issues related to the social situation in Portugal + immigration in Portugal
69 = Issues related to the social situation in Portugal + Other current issues
79 = Issues related to immigration in Portugal + Other current issues
.c = [NA]
.y = [NA: control group]

esmP5_1 (Agreement with opinions):
Minimum: 1. Maximum: 5
1 = Strongly agree
2 = Somewhat agree
3 = Neither agree nor disagree
4 = Somewhat disagree
5 = Strongly disagree
.a = [DK]
.c = [NA]
.y = [NA: control group]

esmP6_1 (Tone of opinions):
Minimum: 1. Maximum: 6911
0 = None of the above
1 = Interesting
2 = Depressing
3 = Intolerant
4 = Optimistic
5 = Thoughtful
6 = Boring
7 = Disrespectful
8 = Informative
9 = Passionate
10 = Violent
11 = Incomprehensible
12 = Interesting + Depressing
13 = Interesting + Intolerant
14 = Interesting + Optimistic
15 = Interesting + Thoughtful
16 = Interesting + Boring
17 = Interesting + Disrespectful
18 = Interesting + Informative
19 = Interesting + Passionate
110 = Interesting + Violent
111 = Interesting + Incomprehensible
23 = Depressing + Intolerant

24 = Depressing + Optimistic
25 = Depressing + Thoughtful
26 = Depressing + Boring
27 = Depressing + Disrespectful
28 = Depressing + Informative
29 = Depressing + Passionate
210 = Depressing + Violent
211 = Depressing + Incomprehensible
34 = Intolerant + Optimistic
35 = Intolerant + Thoughtful
36 = Intolerant + Boring
37 = Intolerant + Disrespectful
38 = Intolerant + Informative
39 = Intolerant + Passionate
310 = Intolerant + Violent
311 = Intolerant + Incomprehensible
45 = Optimistic + Thoughtful
46 = Optimistic + Boring
47 = Optimistic + Disrespectful
48 = Optimistic + Informative
49 = Optimistic + Passionate
410 = Optimistic + Violent
411 = Optimistic + Incomprehensible
56 = Thoughtful + Boring
57 = Thoughtful + Disrespectful
58 = Thoughtful + Informative
59 = Thoughtful + Passionate
510 = Thoughtful + Violent
511 = Thoughtful + Incomprehensible
67 = Boring + Disrespectful
68 = Boring + Informative
69 = Boring + Passionate
610 = Boring + Violent
611 = Boring + Incomprehensible
78 = Disrespectful + Informative
79 = Disrespectful + Passionate
710 = Disrespectful + Violent
711 = Disrespectful + Incomprehensible
89 = Informative + Passionate
810 = Informative + Violent
811 = Informative + Incomprehensible
910 = Passionate + Violent
911 = Passionate + Incomprehensible
1011 = Violent + Incomprehensible
125 = Interesting + Depressing + Thoughtful
126 = Interesting + Depressing + Boring

137 = Interesting + Intolerant + Disrespectful
138 = Interesting + Intolerant + Informative
139 = Interesting + Intolerant + Passionate
145 = Interesting + Optimistic + Thoughtful
148 = Interesting + Optimistic + Informative
149 = Interesting + Optimistic + Passionate
156 = Interesting + Thoughtful + Boring
158 = Interesting + Thoughtful + Informative
1511 = Interesting + Thoughtful + Incomprehensible
167 = Interesting + Boring + Disrespectful
168 = Interesting + Boring + Informative
178 = Interesting + Disrespectful + Informative
189 = Interesting + Informative + Passionate
235 = Depressing + Intolerant + Thoughtful
237 = Depressing + Intolerant + Disrespectful
2311 = Depressing + Intolerant + Incomprehensible
257 = Depressing + Thoughtful + Disrespectful
2511 = Depressing + Thoughtful + Incomprehensible
268 = Depressing + Boring + Informative
269 = Depressing + Boring + Passionate
2610 = Depressing + Boring + Violent
2611 = Depressing + Boring + Incomprehensible
2711 = Depressing + Disrespectful + Incomprehensible
21011 = Depressing + Violent + Incomprehensible
358 = Intolerant + Thoughtful + Informative
359 = Intolerant + Thoughtful + Passionate
3610 = Intolerant + Boring + Violent
3711 = Intolerant + Disrespectful + Incomprehensible
3811 = Intolerant + Informative + Incomprehensible
458 = Optimistic + Thoughtful + Informative
459 = Optimistic + Thoughtful + Passionate
4510 = Optimistic + Thoughtful + Violent
469 = Optimistic + Boring + Passionate
489 = Optimistic + Informative + Passionate
4911 = Optimistic + Passionate + Incomprehensible
568 = Thoughtful + Boring + Informative
5611 = Thoughtful + Boring + Incomprehensible
578 = Thoughtful + Disrespectful + Informative
589 = Thoughtful + Informative + Passionate
5910 = Thoughtful + Passionate + Violent
6711 = Boring + Disrespectful + Incomprehensible
6911 = Boring + Passionate + Incomprehensible
.c = [NA]
.y = [NA: control group]

esmP7_1 (Trust in account):

Minimum: 1. Maximum: 4
1 = Highly trust
2 = Somewhat trust
3 = Somewhat mistrust
4 = Highly distrust
.a = [DK]
.c = [NA]
.y = [NA: control group]

esmP9_2 (Trust game knowledge 1):
esmP9_1_2 (Trust game knowledge 1 - Loop 1):
esmP9_2_2 (Trust game knowledge 1 - Loop 2):
esmP9_3_2 (Trust game knowledge 1 - Loop 3):
esmP9_4_2 (Trust game knowledge 1 - Loop 4):
esmP9_5_2 (Trust game knowledge 1 - Loop 5):
Minimum: 1. Maximum: 2
1 = Correct
2 = Incorrect
.c = [NA]
.z = [NA: not in wave]

esmP10_2 (Trust game knowledge 2):
esmP10_1_2 (Trust game knowledge 2 - Loop 1):
esmP10_2_2 (Trust game knowledge 2 - Loop 2):
esmP10_3_2 (Trust game knowledge 2 - Loop 3):
esmP10_4_2 (Trust game knowledge 2 - Loop 4):
esmP10_5_2 (Trust game knowledge 2 - Loop 5):
Minimum: 1. Maximum: 2
1 = Correct
2 = Incorrect
.c = [NA]
.z = [NA: not in wave]

esmP0c_2 (Participation in trust game):
Minimum: 1. Maximum: 2
1 = Yes, I want to participate
2 = No, I do not want to participate
.c = [NA]
.z = [NA: not in wave]

esmP11_2 (Points given to player 2):
Minimum: 0. Maximum: 5
0 = 0
1 = 1
2 = 2
3 = 3

4 = 4
5 = 5
.a = [DK]
.c = [NA]
.y = [NA: control group]
.z = [NA: not in wave]

esmP12_2 (Polarization (Chile, Portugal)):
Minimum: 1. Maximum: 5
1 = Jump to GAME 2
2 = Jump to POLARIZING treatment
3 = Jump to UNIFYING treatment
4 = Jump to POPULIST treatment
5 = Jump to NON-POPULIST treatment
.c = [NA]
.y = [NA: control group]
.z = [NA: not in wave]

GAME_SHOW_2 (Question show in GAME 2):
Minimum: 1. Maximum: 2
1 = GAME (2) (1)
2 = GAME (2) (2)
.c = [NA]
.z = [NA: not in wave]

esmP12_1_PO_3 (Task 1_Neighbour preference):
esmP12_2_PO_3 (Task 2_Neighbour preference):
esmP12_3_PO_3 (Task 3_Neighbour preference):
esmP12_4_PO_3 (Task 4_Neighbour preference):
esmP12_5_PO_3 (Task 5_Neighbour preference):
esmP12_6_PO_3 (Task 6_Neighbour preference):
esmP12_7_PO_3 (Task 7_Neighbour preference):
esmP12_8_PO_3 (Task 8_Neighbour preference):
esmP12_9_PO_3 (Task 9_Neighbour preference):
esmP12_10_PO_3 (Task 10_Neighbour preference):
esmP12_11_PO_3 (Task 11_Neighbour preference):
esmP12_12_PO_3 (Task 12_Neighbour preference):
Minimum: 1. Maximum: 2
1 = Neighbour A
2 = Neighbour B
.a = [DK]
.b = [DA]
.c = [NA]
.z = [NA: not in wave]

esmP12a_1_A_PO_3 (Territorial identity preference_Task 1_Neighbour_A):

esmP12a_1_B_PO_3 (Territorial identity preference_Task 1_Neighbour_B):
esmP12a_2_A_PO_3 (Territorial identity preference_Task 2_Neighbour_A):
esmP12a_2_B_PO_3 (Territorial identity preference_Task 2_Neighbour_B):
esmP12a_3_A_PO_3 (Territorial identity preference_Task 3_Neighbour_A):
esmP12a_3_B_PO_3 (Territorial identity preference_Task 3_Neighbour_B):
esmP12a_4_A_PO_3 (Territorial identity preference_Task 4_Neighbour_A):
esmP12a_4_B_PO_3 (Territorial identity preference_Task 4_Neighbour_B):
esmP12a_5_A_PO_3 (Territorial identity preference_Task 5_Neighbour_A):
esmP12a_5_B_PO_3 (Territorial identity preference_Task 5_Neighbour_B):
esmP12a_6_A_PO_3 (Territorial identity preference_Task 6_Neighbour_A):
esmP12a_6_B_PO_3 (Territorial identity preference_Task 6_Neighbour_B):
esmP12a_7_A_PO_3 (Territorial identity preference_Task 7_Neighbour_A):
esmP12a_7_B_PO_3 (Territorial identity preference_Task 7_Neighbour_B):
esmP12a_8_A_PO_3 (Territorial identity preference_Task 8_Neighbour_A):
esmP12a_8_B_PO_3 (Territorial identity preference_Task 8_Neighbour_B):
esmP12a_9_A_PO_3 (Territorial identity preference_Task 9_Neighbour_A):
esmP12a_9_B_PO_3 (Territorial identity preference_Task 9_Neighbour_B):
esmP12a_10_A_PO_3 (Territorial identity preference_Task 10_Neighbour_A):
esmP12a_10_B_PO_3 (Territorial identity preference_Task 10_Neighbour_B):
esmP12a_11_A_PO_3 (Territorial identity preference_Task 11_Neighbour_A):
esmP12a_11_B_PO_3 (Territorial identity preference_Task 11_Neighbour_B):
esmP12a_12_A_PO_3 (Territorial identity preference_Task 12_Neighbour_A):
esmP12a_12_B_PO_3 (Territorial identity preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 3

1 = From Alentejo
2 = From the North
3 = From Lisbon
.z = [NA: not in wave]

esmP12b_1_A_PO_3 (Ideology preference_Task 1_Neighbour_A):
esmP12b_1_B_PO_3 (Ideology preference_Task 1_Neighbour_B):
esmP12b_2_A_PO_3 (Ideology preference_Task 2_Neighbour_A):
esmP12b_2_B_PO_3 (Ideology preference_Task 2_Neighbour_B):
esmP12b_3_A_PO_3 (Ideology preference_Task 3_Neighbour_A):
esmP12b_3_B_PO_3 (Ideology preference_Task 3_Neighbour_B):
esmP12b_4_A_PO_3 (Ideology preference_Task 4_Neighbour_A):
esmP12b_4_B_PO_3 (Ideology preference_Task 4_Neighbour_B):
esmP12b_5_A_PO_3 (Ideology preference_Task 5_Neighbour_A):
esmP12b_5_B_PO_3 (Ideology preference_Task 5_Neighbour_B):
esmP12b_6_A_PO_3 (Ideology preference_Task 6_Neighbour_A):
esmP12b_6_B_PO_3 (Ideology preference_Task 6_Neighbour_B):
esmP12b_7_A_PO_3 (Ideology preference_Task 7_Neighbour_A):
esmP12b_7_B_PO_3 (Ideology preference_Task 7_Neighbour_B):
esmP12b_8_A_PO_3 (Ideology preference_Task 8_Neighbour_A):
esmP12b_8_B_PO_3 (Ideology preference_Task 8_Neighbour_B):
esmP12b_9_A_PO_3 (Ideology preference_Task 9_Neighbour_A):

esmP12b_9_B_PO_3 (Ideology preference_Task 9_Neighbour_B):
esmP12b_10_A_PO_3 (Ideology preference_Task 10_Neighbour_A):
esmP12b_10_B_PO_3 (Ideology preference_Task 10_Neighbour_B):
esmP12b_11_A_PO_3 (Ideology preference_Task 11_Neighbour_A):
esmP12b_11_B_PO_3 (Ideology preference_Task 11_Neighbour_B):
esmP12b_12_A_PO_3 (Ideology preference_Task 12_Neighbour_A):
esmP12b_12_B_PO_3 (Ideology preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 3

1 = Center
2 = Right
3 = Left
.z = [NA: not in wave]

esmP12c_1_A_PO_3 (Immigration preference_Task 1_Neighbour_A):
esmP12c_1_B_PO_3 (Immigration preference_Task 1_Neighbour_B):
esmP12c_2_A_PO_3 (Immigration preference_Task 2_Neighbour_A):
esmP12c_2_B_PO_3 (Immigration preference_Task 2_Neighbour_B):
esmP12c_3_A_PO_3 (Immigration preference_Task 3_Neighbour_A):
esmP12c_3_B_PO_3 (Immigration preference_Task 3_Neighbour_B):
esmP12c_4_A_PO_3 (Immigration preference_Task 4_Neighbour_A):
esmP12c_4_B_PO_3 (Immigration preference_Task 4_Neighbour_B):
esmP12c_5_A_PO_3 (Immigration preference_Task 5_Neighbour_A):
esmP12c_5_B_PO_3 (Immigration preference_Task 5_Neighbour_B):
esmP12c_6_A_PO_3 (Immigration preference_Task 6_Neighbour_A):
esmP12c_6_B_PO_3 (Immigration preference_Task 6_Neighbour_B):
esmP12c_7_A_PO_3 (Immigration preference_Task 7_Neighbour_A):
esmP12c_7_B_PO_3 (Immigration preference_Task 7_Neighbour_B):
esmP12c_8_A_PO_3 (Immigration preference_Task 8_Neighbour_A):
esmP12c_8_B_PO_3 (Immigration preference_Task 8_Neighbour_B):
esmP12c_9_A_PO_3 (Immigration preference_Task 9_Neighbour_A):
esmP12c_9_B_PO_3 (Immigration preference_Task 9_Neighbour_B):
esmP12c_10_A_PO_3 (Immigration preference_Task 10_Neighbour_A):
esmP12c_10_B_PO_3 (Immigration preference_Task 10_Neighbour_B):
esmP12c_11_A_PO_3 (Immigration preference_Task 11_Neighbour_A):
esmP12c_11_B_PO_3 (Immigration preference_Task 11_Neighbour_B):
esmP12c_12_A_PO_3 (Immigration preference_Task 12_Neighbour_A):
esmP12c_12_B_PO_3 (Immigration preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 2

1 = Born outside Portugal
2 = Born in Portugal
.z = [NA: not in wave]

esmP12e_1_A_PO_3 (Sexuality preference_Task 1_Neighbour_A):
esmP12e_1_B_PO_3 (Sexuality preference_Task 1_Neighbour_B):
esmP12e_2_A_PO_3 (Sexuality preference_Task 2_Neighbour_A):
esmP12e_2_B_PO_3 (Sexuality preference_Task 2_Neighbour_B):

esmP12e_3_A_PO_3 (Sexuality preference_Task 3_Neighbour_A):
esmP12e_3_B_PO_3 (Sexuality preference_Task 3_Neighbour_B):
esmP12e_4_A_PO_3 (Sexuality preference_Task 4_Neighbour_A):
esmP12e_4_B_PO_3 (Sexuality preference_Task 4_Neighbour_B):
esmP12e_5_A_PO_3 (Sexuality preference_Task 5_Neighbour_A):
esmP12e_5_B_PO_3 (Sexuality preference_Task 5_Neighbour_B):
esmP12e_6_A_PO_3 (Sexuality preference_Task 6_Neighbour_A):
esmP12e_6_B_PO_3 (Sexuality preference_Task 6_Neighbour_B):
esmP12e_7_A_PO_3 (Sexuality preference_Task 7_Neighbour_A):
esmP12e_7_B_PO_3 (Sexuality preference_Task 7_Neighbour_B):
esmP12e_8_A_PO_3 (Sexuality preference_Task 8_Neighbour_A):
esmP12e_8_B_PO_3 (Sexuality preference_Task 8_Neighbour_B):
esmP12e_9_A_PO_3 (Sexuality preference_Task 9_Neighbour_A):
esmP12e_9_B_PO_3 (Sexuality preference_Task 9_Neighbour_B):
esmP12e_10_A_PO_3 (Sexuality preference_Task 10_Neighbour_A):
esmP12e_10_B_PO_3 (Sexuality preference_Task 10_Neighbour_B):
esmP12e_11_A_PO_3 (Sexuality preference_Task 11_Neighbour_A):
esmP12e_11_B_PO_3 (Sexuality preference_Task 11_Neighbour_B):
esmP12e_12_A_PO_3 (Sexuality preference_Task 12_Neighbour_A):
esmP12e_12_B_PO_3 (Sexuality preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 3

1 = Man-and-woman
2 = Man-and-man
3 = Woman-and-woman
.z = [NA: not in wave]

esmP12f_1_A_PO_3 (Party support preference_Task 1_Neighbour_A):
esmP12f_1_B_PO_3 (Party support preference_Task 1_Neighbour_B):
esmP12f_2_A_PO_3 (Party support preference_Task 2_Neighbour_A):
esmP12f_2_B_PO_3 (Party support preference_Task 2_Neighbour_B):
esmP12f_3_A_PO_3 (Party support preference_Task 3_Neighbour_A):
esmP12f_3_B_PO_3 (Party support preference_Task 3_Neighbour_B):
esmP12f_4_A_PO_3 (Party support preference_Task 4_Neighbour_A):
esmP12f_4_B_PO_3 (Party support preference_Task 4_Neighbour_B):
esmP12f_5_A_PO_3 (Party support preference_Task 5_Neighbour_A):
esmP12f_5_B_PO_3 (Party support preference_Task 5_Neighbour_B):
esmP12f_6_A_PO_3 (Party support preference_Task 6_Neighbour_A):
esmP12f_6_B_PO_3 (Party support preference_Task 6_Neighbour_B):
esmP12f_7_A_PO_3 (Party support preference_Task 7_Neighbour_A):
esmP12f_7_B_PO_3 (Party support preference_Task 7_Neighbour_B):
esmP12f_8_A_PO_3 (Party support preference_Task 8_Neighbour_A):
esmP12f_8_B_PO_3 (Party support preference_Task 8_Neighbour_B):
esmP12f_9_A_PO_3 (Party support preference_Task 9_Neighbour_A):
esmP12f_9_B_PO_3 (Party support preference_Task 9_Neighbour_B):
esmP12f_10_A_PO_3 (Party support preference_Task 10_Neighbour_A):
esmP12f_10_B_PO_3 (Party support preference_Task 10_Neighbour_B):

esmP12f_11_A_PO_3 (Party support preference_Task 11_Neighbour_A):
esmP12f_11_B_PO_3 (Party support preference_Task 11_Neighbour_B):
esmP12f_12_A_PO_3 (Party support preference_Task 12_Neighbour_A):
esmP12f_12_B_PO_3 (Party support preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 9

1 = PS
2 = PSD
3 = PCP
4 = Chega
5 = Bloco de Esquerda
6 = Iniciativa Liberal
7 = PAN
8 = Livre
9 = CDS
.z = [NA: not in wave]

esmP12g_1_A_PO_3 (Education preference_Task 1_Neighbour_A):
esmP12g_1_B_PO_3 (Education preference_Task 1_Neighbour_B):
esmP12g_2_A_PO_3 (Education preference_Task 2_Neighbour_A):
esmP12g_2_B_PO_3 (Education preference_Task 2_Neighbour_B):
esmP12g_3_A_PO_3 (Education preference_Task 3_Neighbour_A):
esmP12g_3_B_PO_3 (Education preference_Task 3_Neighbour_B):
esmP12g_4_A_PO_3 (Education preference_Task 4_Neighbour_A):
esmP12g_4_B_PO_3 (Education preference_Task 4_Neighbour_B):
esmP12g_5_A_PO_3 (Education preference_Task 5_Neighbour_A):
esmP12g_5_B_PO_3 (Education preference_Task 5_Neighbour_B):
esmP12g_6_A_PO_3 (Education preference_Task 6_Neighbour_A):
esmP12g_6_B_PO_3 (Education preference_Task 6_Neighbour_B):
esmP12g_7_A_PO_3 (Education preference_Task 7_Neighbour_A):
esmP12g_7_B_PO_3 (Education preference_Task 7_Neighbour_B):
esmP12g_8_A_PO_3 (Education preference_Task 8_Neighbour_A):
esmP12g_8_B_PO_3 (Education preference_Task 8_Neighbour_B):
esmP12g_9_A_PO_3 (Education preference_Task 9_Neighbour_A):
esmP12g_9_B_PO_3 (Education preference_Task 9_Neighbour_B):
esmP12g_10_A_PO_3 (Education preference_Task 10_Neighbour_A):
esmP12g_10_B_PO_3 (Education preference_Task 10_Neighbour_B):
esmP12g_11_A_PO_3 (Education preference_Task 11_Neighbour_A):
esmP12g_11_B_PO_3 (Education preference_Task 11_Neighbour_B):
esmP12g_12_A_PO_3 (Education preference_Task 12_Neighbour_A):
esmP12g_12_B_PO_3 (Education preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 2

1 = Basic education
2 = University education
.z = [NA: not in wave]

esmP12h_1_A_PO_3 (Environmentalism preference_Task 1_Neighbour_A):

esmP12h_1_B_PO_3 (Environmentalism preference_Task 1_Neighbour_B):
esmP12h_2_A_PO_3 (Environmentalism preference_Task 2_Neighbour_A):
esmP12h_2_B_PO_3 (Environmentalism preference_Task 2_Neighbour_B):
esmP12h_3_A_PO_3 (Environmentalism preference_Task 3_Neighbour_A):
esmP12h_3_B_PO_3 (Environmentalism preference_Task 3_Neighbour_B):
esmP12h_4_A_PO_3 (Environmentalism preference_Task 4_Neighbour_A):
esmP12h_4_B_PO_3 (Environmentalism preference_Task 4_Neighbour_B):
esmP12h_5_A_PO_3 (Environmentalism preference_Task 5_Neighbour_A):
esmP12h_5_B_PO_3 (Environmentalism preference_Task 5_Neighbour_B):
esmP12h_6_A_PO_3 (Environmentalism preference_Task 6_Neighbour_A):
esmP12h_6_B_PO_3 (Environmentalism preference_Task 6_Neighbour_B):
esmP12h_7_A_PO_3 (Environmentalism preference_Task 7_Neighbour_A):
esmP12h_7_B_PO_3 (Environmentalism preference_Task 7_Neighbour_B):
esmP12h_8_A_PO_3 (Environmentalism preference_Task 8_Neighbour_A):
esmP12h_8_B_PO_3 (Environmentalism preference_Task 8_Neighbour_B):
esmP12h_9_A_PO_3 (Environmentalism preference_Task 9_Neighbour_A):
esmP12h_9_B_PO_3 (Environmentalism preference_Task 9_Neighbour_B):
esmP12h_10_A_PO_3 (Environmentalism preference_Task 10_Neighbour_A):
esmP12h_10_B_PO_3 (Environmentalism preference_Task 10_Neighbour_B):
esmP12h_11_A_PO_3 (Environmentalism preference_Task 11_Neighbour_A):
esmP12h_11_B_PO_3 (Environmentalism preference_Task 11_Neighbour_B):
esmP12h_12_A_PO_3 (Environmentalism preference_Task 12_Neighbour_A):
esmP12h_12_B_PO_3 (Environmentalism preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 2
1 = Recycler
2 = Non-recycler
.z = [NA: not in wave]

esmP12i_1_A_PO_3 (Pet ownership preference_Task 1_Neighbour_A):
esmP12i_1_B_PO_3 (Pet ownership preference_Task 1_Neighbour_B):
esmP12i_2_A_PO_3 (Pet ownership preference_Task 2_Neighbour_A):
esmP12i_2_B_PO_3 (Pet ownership preference_Task 2_Neighbour_B):
esmP12i_3_A_PO_3 (Pet ownership preference_Task 3_Neighbour_A):
esmP12i_3_B_PO_3 (Pet ownership preference_Task 3_Neighbour_B):
esmP12i_4_A_PO_3 (Pet ownership preference_Task 4_Neighbour_A):
esmP12i_4_B_PO_3 (Pet ownership preference_Task 4_Neighbour_B):
esmP12i_5_A_PO_3 (Pet ownership preference_Task 5_Neighbour_A):
esmP12i_5_B_PO_3 (Pet ownership preference_Task 5_Neighbour_B):
esmP12i_6_A_PO_3 (Pet ownership preference_Task 6_Neighbour_A):
esmP12i_6_B_PO_3 (Pet ownership preference_Task 6_Neighbour_B):
esmP12i_7_A_PO_3 (Pet ownership preference_Task 7_Neighbour_A):
esmP12i_7_B_PO_3 (Pet ownership preference_Task 7_Neighbour_B):
esmP12i_8_A_PO_3 (Pet ownership preference_Task 8_Neighbour_A):
esmP12i_8_B_PO_3 (Pet ownership preference_Task 8_Neighbour_B):
esmP12i_9_A_PO_3 (Pet ownership preference_Task 9_Neighbour_A):
esmP12i_9_B_PO_3 (Pet ownership preference_Task 9_Neighbour_B):

esmP12i_10_A_PO_3 (Pet ownership preference_Task 10_Neighbour_A):
esmP12i_10_B_PO_3 (Pet ownership preference_Task 10_Neighbour_B):
esmP12i_11_A_PO_3 (Pet ownership preference_Task 11_Neighbour_A):
esmP12i_11_B_PO_3 (Pet ownership preference_Task 11_Neighbour_B):
esmP12i_12_A_PO_3 (Pet ownership preference_Task 12_Neighbour_A):
esmP12i_12_B_PO_3 (Pet ownership preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 2
1 = Pet owner
2 = Non-pet owner
.z = [NA: not in wave]

esmP12j_1_A_PO_3 (Religion preference_Task 1_Neighbour_A):
esmP12j_1_B_PO_3 (Religion preference_Task 1_Neighbour_B):
esmP12j_2_A_PO_3 (Religion preference_Task 2_Neighbour_A):
esmP12j_2_B_PO_3 (Religion preference_Task 2_Neighbour_B):
esmP12j_3_A_PO_3 (Religion preference_Task 3_Neighbour_A):
esmP12j_3_B_PO_3 (Religion preference_Task 3_Neighbour_B):
esmP12j_4_A_PO_3 (Religion preference_Task 4_Neighbour_A):
esmP12j_4_B_PO_3 (Religion preference_Task 4_Neighbour_B):
esmP12j_5_A_PO_3 (Religion preference_Task 5_Neighbour_A):
esmP12j_5_B_PO_3 (Religion preference_Task 5_Neighbour_B):
esmP12j_6_A_PO_3 (Religion preference_Task 6_Neighbour_A):
esmP12j_6_B_PO_3 (Religion preference_Task 6_Neighbour_B):
esmP12j_7_A_PO_3 (Religion preference_Task 7_Neighbour_A):
esmP12j_7_B_PO_3 (Religion preference_Task 7_Neighbour_B):
esmP12j_8_A_PO_3 (Religion preference_Task 8_Neighbour_A):
esmP12j_8_B_PO_3 (Religion preference_Task 8_Neighbour_B):
esmP12j_9_A_PO_3 (Religion preference_Task 9_Neighbour_A):
esmP12j_9_B_PO_3 (Religion preference_Task 9_Neighbour_B):
esmP12j_10_A_PO_3 (Religion preference_Task 10_Neighbour_A):
esmP12j_10_B_PO_3 (Religion preference_Task 10_Neighbour_B):
esmP12j_11_A_PO_3 (Religion preference_Task 11_Neighbour_A):
esmP12j_11_B_PO_3 (Religion preference_Task 11_Neighbour_B):
esmP12j_12_A_PO_3 (Religion preference_Task 12_Neighbour_A):
esmP12j_12_B_PO_3 (Religion preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 5
1 = Catholic
2 = Muslim
3 = Protestant
4 = Jewish
5 = No religion
.z = [NA: not in wave]

esmP12k_1_A_PO_3 (Politicisation preference_Task 1_Neighbour_A):
esmP12k_1_B_PO_3 (Politicisation preference_Task 1_Neighbour_B):
esmP12k_2_A_PO_3 (Politicisation preference_Task 2_Neighbour_A):

esmP12k_2_B_PO_3 (Politicisation preference_Task 2_Neighbour_B):
esmP12k_3_A_PO_3 (Politicisation preference_Task 3_Neighbour_A):
esmP12k_3_B_PO_3 (Politicisation preference_Task 3_Neighbour_B):
esmP12k_4_A_PO_3 (Politicisation preference_Task 4_Neighbour_A):
esmP12k_4_B_PO_3 (Politicisation preference_Task 4_Neighbour_B):
esmP12k_5_A_PO_3 (Politicisation preference_Task 5_Neighbour_A):
esmP12k_5_B_PO_3 (Politicisation preference_Task 5_Neighbour_B):
esmP12k_6_A_PO_3 (Politicisation preference_Task 6_Neighbour_A):
esmP12k_6_B_PO_3 (Politicisation preference_Task 6_Neighbour_B):
esmP12k_7_A_PO_3 (Politicisation preference_Task 7_Neighbour_A):
esmP12k_7_B_PO_3 (Politicisation preference_Task 7_Neighbour_B):
esmP12k_8_A_PO_3 (Politicisation preference_Task 8_Neighbour_A):
esmP12k_8_B_PO_3 (Politicisation preference_Task 8_Neighbour_B):
esmP12k_9_A_PO_3 (Politicisation preference_Task 9_Neighbour_A):
esmP12k_9_B_PO_3 (Politicisation preference_Task 9_Neighbour_B):
esmP12k_10_A_PO_3 (Politicisation preference_Task 10_Neighbour_A):
esmP12k_10_B_PO_3 (Politicisation preference_Task 10_Neighbour_B):
esmP12k_11_A_PO_3 (Politicisation preference_Task 11_Neighbour_A):
esmP12k_11_B_PO_3 (Politicisation preference_Task 11_Neighbour_B):
esmP12k_12_A_PO_3 (Politicisation preference_Task 12_Neighbour_A):
esmP12k_12_B_PO_3 (Politicisation preference_Task 12_Neighbour_B):
Minimum: 1. Maximum: 2

1 = Keeps their political views to themself
2 = Is outwardly political
.z = [NA: not in wave]

esmP19_2 (Points given to player 3):
esmP20_2 (Points given to player 4):
Minimum: 0. Maximum: 5

0 = 0
1 = 1
2 = 2
3 = 3
4 = 4
5 = 5
.a = [DK]
.c = [NA]
.y = [NA: control group]
.z = [NA: not in wave]

esmP22_2 (Trust game knowledge 3):
esmP22_1_2 (Trust game knowledge 3 - Loop 1):
Minimum: 1. Maximum: 3

1 = 3
2 = 6
3 = 11

.a = [DK]
.c = [NA]
.y = [NA: control group]
.z = [NA: not in wave]

met2a (IE on Windows computer):
met2b (Chrome on Windows computer):
met2c (Firefox on Windows computer):
met2d (Edge, Opera, others, on Windows computer):
met3a (IE on Apple computer):
met3b (Safari on Apple computer):
met3c (Chrome on Apple computer):
met3d (Firefox on Apple computer):
met3e (Edge, Opera, others, on Apple computer):
met4a (Chrome on Android device):
met4b (Samsung browser on Android device):
met4c (Firefox on Android device):
met4d (Edge, Opera, others on Android device):
met5a_1 (Twitter):
met5b_1 (Facebook):
met5c_PO_1 (Sapo):
met5d_PO_1 (Publico):
met5e_PO_1 (tvi24):
met5f_PO_1 (RTP):
met5g_PO_1 (Diário de Notícias):
met5h_PO_1 (Correio da Manhã):
met5i_PO_1 (Observador):
met5j_PO_1 (Jornal de Noticias):
met5k_PO_1 (Noticias ao Minuto):
met5l_PO_1 (Expresso):
met5a_3 (Twitter):
met5b_3 (Facebook):
met5c_PO_3 (Sapo):
met5d_PO_3 (Publico):
met5e_PO_3 (tvi24):
met5f_PO_3 (RTP):
met5g_PO_3 (Diário de Notícias):
met5h_PO_3 (Correio da Manhã):
met5i_PO_3 (Observador):
met5j_PO_3 (Jornal de Noticias):
met5k_PO_3 (Noticias ao Minuto):
met5l_PO_3 (Expresso):
Minimum: 1. Maximum: 2
1 = Yes
2 = No
.a = [DK]

.c = [NA]

8. Polarization Indices

We propose a set of individual indicators of affective and ideological polarization departing from the initial work of Wagner (2020). The affective polarization indices are based on sentiments towards party voters and party leaders, while the ideological polarization indicators are based on the placement of respondents and political parties on the left-right scale.
All these indicators are weighted by party size. The proportion of votes received by a political party is strongly related to its relevance in the party system and its capacity to influence the formation of government. Therefore, it is reasonable to argue that it matters more if the disliked voters or leaders belong to large parties than if they belong to small parties.

Affective polarization indices

Weighted mean distance from most-liked voters/leader

Based on Wagner (2020), affective polarization is measured, first, as the weighted mean distance from most-liked voters' group or party leader. This measure requires positive identification with one specific group of voters or one specific leader, and it captures how much an individual on average dislikes other voters or leaders compared to their preferred voters' group or leader. The general formula is as follows:

$$\text{WAPD}_i = \sqrt{\sum_{g=1}^{g} v_g * (Like_{gi} - Like_{max,i})^2} \quad (1)$$

where *g* is the out-group (voters or leaders), *i* the individual respondent, $Like_{max,i}$ is the like-dislike score assigned to the most liked voters' group or leader (in-group), $Like_{gi}$ is the like-dislike score assigned to each out-group *g* by individual respondent *i*, and v_g is the size of each voters' party or leader's party. The size is measured as the normalised (average) vote intention of each out-party.[1] This normalised proportion of votes is calculated over the total number of predicted votes received by the considered parties minus the predicted votes received by the party of the preferred group of voters or the party of the preferred leader.

This index is computed, respectively, for the main voters' groups and party leaders of the different countries included in the project, using feeling thermometer scales which range from 0 to 100, where 0 means "unfavourable feelings" and 100 means "favourable feelings". These scales have been rescaled to range from 0 to 10. The index is calculated for all respondents who declare a level of affect for at least two voters' groups or leaders.

In the event that some respondents assign their highest like-dislike score to more than one group of voters or leader, we need to identify to which of these voters or leaders the respondents feel closest. To do so, we assign the preferred voters' group/leader to these respondents based, first, on party identification. For those who do not identify with any of these parties, we use voting intention for the upcoming national elections. The remaining respondents who cannot be attributed to a specific preferred group are discarded from the index calculation.

[1] For more details about the weights, see the section "Weights".

The main advantage of WAPD is that it clearly distinguishes between in-groups and out-groups, and it directly measures the difference in feelings between them. Moreover, as described below, this index allows us to separately analyse in-group like and out-group dislike, which is theoretically relevant (e.g. Gidron, Adams and Horne 2020). However, the index also has some limitations. Since WAPD requires each respondent to have a specific preferred group of voters or party leader, it may be problematic in multiparty contexts where identification with more than one party or leader is usual. Moreover, current trends in various party systems in the form of increasing levels of electoral volatility, number of independent voters, and surge of new challenging parties may weaken the validity of this measure.

Departing from WAPD, we break down affective polarization into its in-group and out-group components:

a) In-voters/leader like

This index simply measures the feelings thermometer scores towards the most-liked voters' group or leader:

$$\text{InLike}_i = Like_{max,\,i} \quad (2)$$

The index ranges from unfavourable feelings to favourable feelings.

b) Out-voters/leader dislike

This index measures the weighted mean unfavourable feelings towards the voters' groups or leaders that are not the most liked one (out-groups). The general formula is as follows:

$$\text{OutDislike}_i = \sum_{g=1}^{g}(v_g * Dislike_{gi}) \quad (3)$$

where *g* is the out-group (voters' group or leader), *i* the individual respondent, $Dislike_{gi}$ the (reversed) feeling thermometer rating assigned to each out-group *g* by individual respondent *i*, and v_g is the normalised vote intenton of each out-party (calculated over the total number of predicted votes received by the selected out-parties).[2] Given that the thermometer feeling scales are reversed, the index ranges from favourable feelings to unfavourable feelings.

Weighted spread of like-dislike scores towards voters/leaders

The second index, which is also based on Wagner (2020), measures affective polarization as the weighted spread of like-dislike scores towards voters or leaders. It captures the extent to which affect is spread out across the various voters' groups and leaders in a given party system. The general formula is as follows:

$$\text{WAPS}_i = \sqrt{\sum_{g=1}^{g} v_g * (Like_{gi} - \overline{Like}_i)^2} \quad (4.1)$$

where *g* is the group (voters' group or leader), *i* the individual respondent, $\overline{Like_i}$ is the respondent's average like-dislike score, $Like_{gi}$ is the like-dislike score assigned to each group *g* by individual respondent *i*, and v_g is the size of each voters' party or leader's

[2] For more details about the weights, see the section "Weights".

party. The size of a party is measured as the normalised (average) vote intention of each party.[3]

The average like-dislike score is also weighted by party size:

$$\overline{Like_i} = \sum_{g=1}^{g}(v_g * Like_{gi}) \quad (4.2)$$

This index is measured, respectively, for the main voters' groups and party leaders of the different countries. As in the previous index, like-dislike feelings towards voters and leaders are operationalised using feeling thermometer scales, which range from 0 ("unfavourable feelings") to 100 ("favourable feelings"). However, these scales have been rescaled to range from 0 to 10. Finally, this index is calculated for all respondents who declare a level of affect for at least two voters' groups or leaders.

Contrasting with WAPD, the WAPS index recognises that individuals may not have a single positive party identification, and thus it takes into account all respondents who express feelings of like-dislike towards voters and leaders. Moreover, this spread measure is also better suited to capture opposition between blocs of partisans or party leaders rather than between single voters' groups or leaders, something relevant in multi-party settings (Wagner 2020). By contrast, the main disadvantage of this measure is that it does not allow us to disentangle affective polarization between its in-group and out-group components.

Highest like-dislike score towards voters/leaders

Finally, we also built a variable that captures the maximum level of affect that each respondent assigns to a voters' group or party leader. Notice that this variable is equal to the in-group like one, with the difference that it also includes the respondents to whom we are not able to attribute a specific preferred group (and, hence, who are not included in the WAPD index, although they are in the WAPS index). As argued by Wagner (2020), by including this variable in a model as a control variable, we prevent affective polarization from acting as a proxy for simply liking a leader or voters' group.

Ideological polarization indices

Weighted perceived ideological polarization

Following Wagner (2020), the first ideological polarization index is the weighted perceived level of ideological polarization between parties. The formula is as follows:

$$\text{WPIP}_i = \sqrt{\sum_{p=1}^{p} v_p * (IdPosition_{pi} - \overline{IdPosition_i})^2} \quad (5.1)$$

where *p* is the political party, *i* is the individual respondent, $IdPosition_{pi}$ is the left-right position of party *p* assigned by respondent *i*, $\overline{IdPosition_i}$ is the respondent's average ideological position of political parties, and v_p is the size of each party, measured as the vote intention of each party.[4]

[3] For more details about the weights, see the section "Weights".
[4] For more details about the weights, see the section "Weights".

The average ideological position of political parties is also weighted by party size:

$$\overline{IdPosition_i} = \sum_{p=1}^{p}(v_p * IdPosition_{pi}) \quad (5.2)$$

The index includes the ideological position of the main parties of the different countries in the project. The scales that measure the ideological position of each party (according to respondents' views) range from 0 ("Left") to 10 ("Right"). Finally, this index is calculated for all respondents who attribute an ideological position to at least two parties.

Ideological extremism

We measure ideological extremism by simply taking the absolute difference between respondents' ideological self-placement and the average ideology of respondents for each panel wave. The formula of the index is as follows:

$$IE_i = \sqrt{(Ideol_i - \overline{Ideol})^2} \quad (6)$$

where *i* is the individual respondent, $\mathrm{Ideol_i}$ is the reported self-ideological position of respondent *i*, and $\overline{\mathrm{Ideol}}$ is the average ideology of respondents. The ideological self-placement scale ranges from 0 ("Left") to 10 ("Right").

List of Polarization Variables

WAPSV_1/2/3: Weighted spread of like-dislike score for voters

Included feeling scales: voters of PS, PDS, IL, BE, Chega, CDU, PAN, CDS and Livre

Weights: (Weighted) mean vote intention

WAPDV_1/2/3: Weighted mean distance from most liked group of voters

Included feeling scales: voters of PS, PDS, IL, BE, Chega, CDU, PAN, CDS and Livre

Weights: (Weighted) mean vote intention

APpsV_1/2/3: Weighted mean distance from most-liked voters (PS voters)
APpsdV_1/2/3: Weighted mean distance from most-liked voters (PSD voters)
APbeV_1/2/3: Weighted mean distance from most-liked voters (BE voters)
APcduV_1/2/3: Weighted mean distance from most-liked voters (CDU voters)
APcdsV_1/2/3: Weighted mean distance from most-liked voters (CDS voters)
APpanV_1/2/3: Weighted mean distance from most-liked voters (PAN voters)
APchegaV_1/2/3: Weighted mean distance from most-liked voters (Chega voters)
APilV_1/2/3: Weighted mean distance from most-liked voters (IL voters)
APlivreV_1/2/3: Weighted mean distance from most-liked voters (Livre voters)

InLikeV_1/2/3: In-voters like

OutDislikeV_1/2/3: Out-voters dislike

MaxV_1/2/3: Maximum level of affect for voters' groups

maxVoters_1/2/3: In-groups (respondents are classified based on their most liked group of voters, party identification and vote intention)

WAPSL_1/2/3: Weighted spread of like-dislike score for leaders

Included feeling scales: Costa (PS); Rio (PSD); Cotrim (IL); Martins (BE); Ventura (Chega); De Sousa (CDU); Silva (PAN); DosSantos (CDS); Tavares (Livre)

Weights: (Weighted) mean vote intention

WAPDL_1/2/3: Weighted mean distance from most liked leader

Included feeling scales: Costa (PS); Rio (PSD); Cotrim (IL); Martins (BE); Ventura (Chega); De Sousa (CDU); Silva (PAN); DosSantos (CDS); Tavares (Livre)

Weights: (Weighted) mean vote intention

APcosta_1/2/3: Weighted mean distance from most-liked leader (Costa)
APrio_1/2/3: Weighted mean distance from most-liked leader (Rio)
APmartins_1/2/3: Weighted mean distance from most-liked leader (Martins)
APdesousa_1/2/3: Weighted mean distance from most-liked leader (De Sousa)
APdossantos_1/2/3: Weighted mean distance from most-liked leader (Dos Santos)
APsilva_1/2/3: Weighted mean distance from most-liked leader (Silva)
APventura_1/2/3: Weighted mean distance from most-liked leader (Ventura)
APcotrim_1/2/3: Weighted mean distance from most-liked leader (Cotrim)
APtavares_1/2/3: Weighted mean distance from most-liked leader (Tavares)

InLikeL_1/2/3: In-leader like

OutDislikeL_1/2/3: Out-leader dislike

MaxL_1/2/3: Maximum level of affect for a leader

maxLeader_1/2/3: In-groups (respondents are classified based on their most liked leader, party identification and vote intention)

WPIP_1/2/3: Weighted perceived ideological polarization

Included parties: PS, PSD, BE, CDU [mean ideological position of PC and PEV weighted by their seats in the parliament], CDS, IL, PAN, Chega and Livre

Weights: (Weighted) mean vote intention

IE_1/2/3: Ideological extremism

Weights

We weight each party, leader or voters' group by the weighted mean voting intention estimate of each party. Specifically, we proceed as follows per each panel wave:

1- We use the list of electoral polls for the next national election collected by Wikipedia.

2- We consider all the electoral polls performed 90 days before the first day of the wave's fieldwork.

3- We calculate the mean voting intention estimate of each relevant party, weighted by three different factors (this is a free adaptation of the general rules described in El País: https://elpais.com/especiales/2019/elecciones-generales/encuestas-electorales/):

Weights by date. We assign more weight to the most recent polls by applying the following exponential formula:

Date weight = 1.01228161^t

where t is the number of days of the considered period, so that it ranges from 0 (which corresponds to the poll conducted 90 days before the first day of the wave's fieldwork) to 90 (which corresponds to the poll conducted on the first day of the wave's fieldwork).
According to the formula, the voting intention in a poll conducted at t=0 is multiplied by 1, while the voting intention in a poll conducted at t=90 is multiplied by 3.

Weights by repeated polls. We assign less weight to the repeated polls from the same polling firm. Concretely, the most recent poll of each firm is multiplied by 1, while the rest of polls from the same firm are multiplied by 0.6.

Weights by sample size. The idea is that the polls with a higher sample size receive more weight, although following a decreasing trend. We establish two thresholds, based on the following formula (López-Roldán and Fachelli 2015: 22):

n = (x P x Q)/()

where n is the sample size, z is the number of deviation units that implies the adopted confidence level, P is the proportion of individuals who have a given characteristic, Q is the proportion of individuals who do not have this characteristic, and e is the sampling error.
Assuming a confidence level of 95% (z=1.96) and a situation of maximum indeterminacy (P=Q=50%), we calculated n if e=3% and e=2%:

n = (x 50 x 50)/() = 1067.11

n = (x 50 x 50)/() = 2401

Given that, all the polls that have 1067 respondents or less are multiplied by 0.6; the polls that have between 1068 and 2400 respondents are multiplied by 1; and those that have 2401 respondents or more are multiplied by 1.2. The

polls that have an unknown sample size are multiplied by 0.6.

Finally, the **total weights** are calculated: Total weights = weights by date x weights by repeated polls x weights by sample size.

In the second wave of Portugal, the results of the local elections are included in the calculation of the voting intention estimate with a weight of 5. In the third wave, we select the single poll performed between the first day of the study's fieldwork (21 March 2022) and the previous Portuguese legislative election (30 January 2022). The poll is weighted as described previously, and the electoral results of the legislative election are included in the calculus with a weight of 5. In this way, we 'update' the results of the national election in January with the poll taken some weeks later.

References

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