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Civic and Political Engagement during the Multifaceted COVID-19 Crisis

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Appendix:

Civic and Political Engagement during the Multifaceted COVID-19 Crisis

Endre Borbáth, Sophia Hunger, Swen Hutter, Ioana-Elena Oana

Swiss Political Science Review

Note: The data that support the findings of this study are openly available in the Harvard Dataverse at "Replication Data for: Civic and Political Engagement during the Multifaceted COVID-19 Crisis", <https://doi.org/10.7910/DVN/YNBJWK>, Harvard Dataverse, V1, UNF:6:tYEIQBz8uWIfvpLy0PdQ6Q== [fileUNF].

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A1: Wording of the main items used in the analysis

Participation

Due to the Coronavirus pandemic and its social, economic and political impact, have you undertaken any of the following activities?

1. No
2. Yes, once
3. Yes, sometimes
4. Yes, often
- 99 DK

(LIST) [RANDOMIZE ITEMS 1 TO 7]

1. helped in the neighborhood
2. donated money or material resources (e.g. food)
3. signed a petition/collection of signatures
4. contacted a politician at federal, state or local level
5. posted or shared something about politics on the Internet, for example on blogs, by e-mail, or in social media such as Facebook or Twitter
6. taken part in a public demonstration
7. become politically involved in a different way

Threat perception

How much of a threat, if any, is the Coronavirus outbreak for...:

Not a threat at all												A major threat
0	1	2	3	4	5	6	7	8	9	10		10

(LIST) [RANDOMIZE ITEMS 1 TO 4]

1. The health of the [NATIONALITY] population as a whole
2. Your personal health
3. [COUNTRY]'s economy
4. Your household financial situation.

Left-right self-placement

In political matters, people sometimes talk of “left” and “right”. How would you place your views on this scale, where 0 means left and 10 means right?

Left												Right
0	1	2	3	4	5	6	7	8	9	10		10

- 98 I prefer not to say
99 DK

A2: Descriptive statistics

Table 1: descriptive statistics for variables

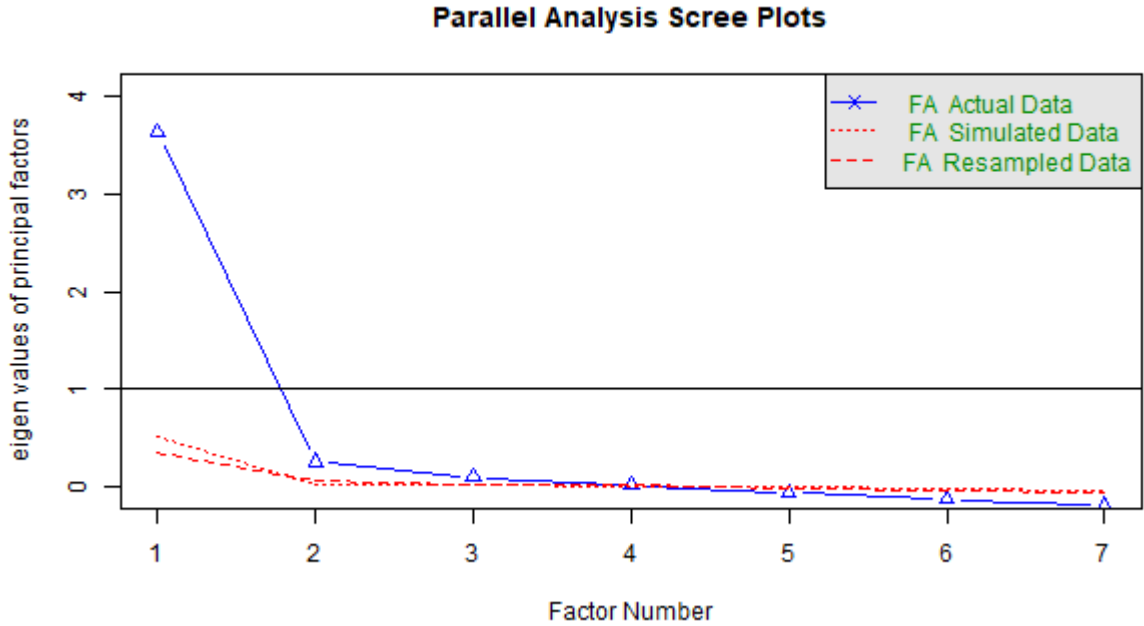
Threat for individ. economic situation	
minimum	0
median (IQR)	5.00 (3.00, 7.00)
mean (sd)	5.10 (3.04)
maximum	10
Threat for individ. health	
minimum	0
median (IQR)	5.00 (3.00, 7.00)
mean (sd)	5.36 (2.83)
maximum	10
Societal health threat	
0	1,981 (30)
1	4,718 (70)
Societal economic threat	
0	792 (12)
1	5,907 (88)
Satisfaction with the gov. crisis handling	
minimum	0
median (IQR)	6.00 (3.00, 8.00)
mean (sd)	5.33 (3.05)
maximum	10
Age	
minimum	18
median (IQR)	50.00 (36.00, 63.00)
mean (sd)	49.52 (16.34)
maximum	95
Gender	
Male	3,288 (49)
Female	3,411 (51)
Children	
minimum	0
median (IQR)	0.00 (0.00, 1.00)
mean (sd)	0.46 (0.89)
maximum	6
Education	
lower than tertiary	4,462 (67)
tertiary	2,237 (33)
Economic situation	
minimum	1
median (IQR)	2.00 (1.00, 3.00)
mean (sd)	2.10 (0.90)
maximum	4
Extreme left	
minimum	0
median (IQR)	0.00 (0.00, 0.00)
mean (sd)	0.08 (0.27)
maximum	1
Extreme right	
minimum	0

median (IQR)	0.00 (0.00, 0.00)
mean (sd)	0.08 (0.27)
maximum	1
Political interest	
minimum	1
median (IQR)	3.00 (2.00, 3.00)
mean (sd)	2.76 (0.88)
maximum	4
Trust in national government	
minimum	0
median (IQR)	5.00 (2.00, 7.00)
mean (sd)	4.78 (3.07)
maximum	10

A3: Exploratory factor analysis of the participation items

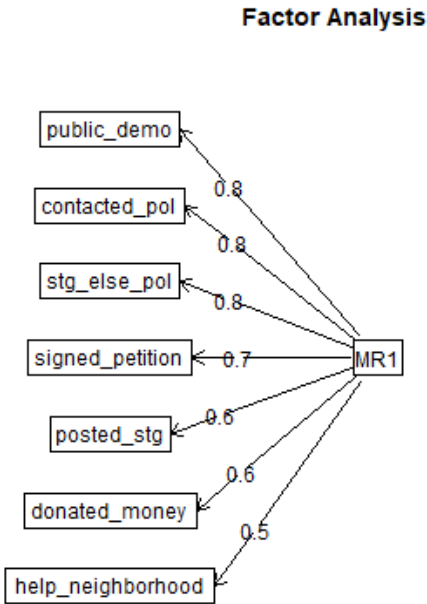
We used a Polychoric Correlation Matrix to calculate the factor structure and account for the participation measures not being continuous (4 point scales). The procedure yields a one factor solution:

Figure 1: Parallel Analysis Scree plots



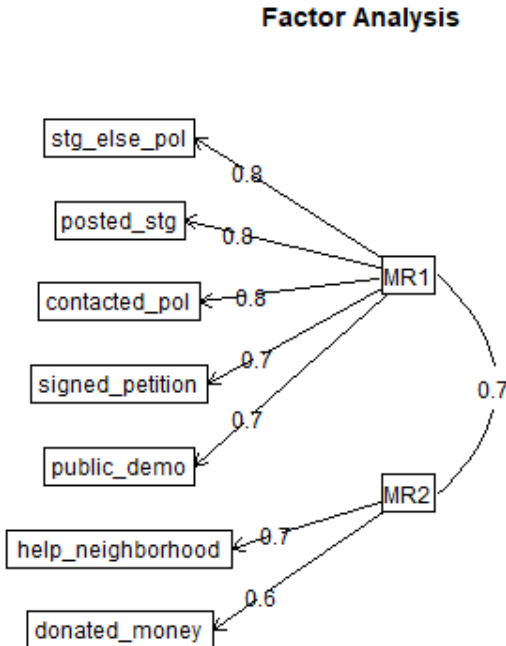
The factor solution it yields is composed from all engagement items and explains 0.52 proportion of the total variance with an eigenvalue of 3.64.

Figure 2: One factor solution



To examine the clustering between the different items we generate a two factors solution. In this case, the first factor explains 0.43, the second factor explains 0.16 proportion of the variance. The first factor has an eigenvalue of 2.98, the second factor has an eigenvalue of 1.1.

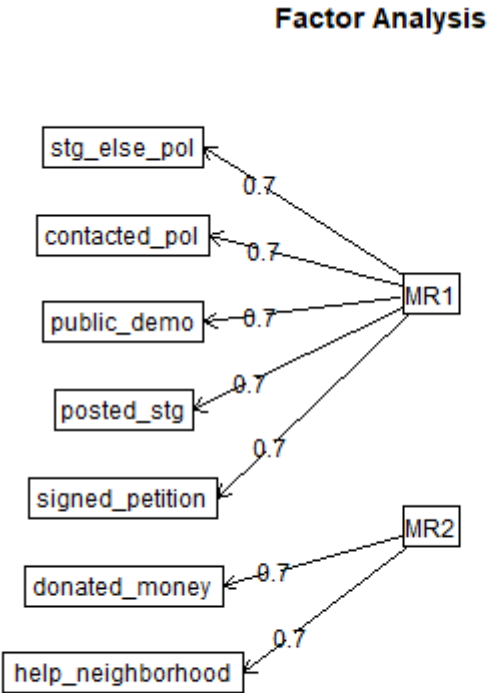
Figure 3: Two factor solution



The solution generates a “political engagement” factor composed of the items attending public demonstrations, signing petitions, contacting a politician, posting something on the internet and being otherwise politically active, and a “social engagement” factor composed of the items helping in the neighborhood and donating money. From all items, donating money fits the least, but has a loading of 0.6, well above conventional thresholds.

The correlation coefficient between the two factors is 0.7. When we force the procedure to yield orthogonal factors (varimax rotation), the first factor explains 0.37 and the second factor explains 0.21 percent of the variance with an eigenvalue of 2.6 and respectively 1.48. In this solution all items load to the same extent (0.7).

Figure 4: Two factor solution with orthogonal factors (varimax rotation)



A4: Country specific analysis

Table 1: Overview over direction and statistical significance of independent variables by country

Variable/DV	Civic	Political	Demonstration	Civic - regular	Political - regular	Demo - regular
Ego. Health threat	SE*, NL*		SE*, NL*			FR*
Soc. Health threat	UK*, SE*					
Ego. Eco. threat	SE*, NL*, FR*	SE*, NL*, DE*, FR*	SE*, NL*, FR*	NL*	SE*, NL*	UK*, NL*
Soc. Eco. Threat	DE, FR	DE, FR, ES	SE*, NL, DE, FR, ES	FR	FR	FR
Extreme left	UK	DE*			UK*, ES*	
Extreme right			SE*	ES*	NL, ES*	NL*, DE*
age	UK*, NL,	NL, FR	SE,		UK, FR	SE
age^2	NL*		SE*			SE*
gender	UK*	UK*, ES*	UK, NL, IT, DE	UK*		
children	SE*, NL*, DE*, ES*	UK*, SE*, NL*, ES*	UK*, SE*, NL*, IT*, DE*, FR*, ES*	NL*, DE*, ES*	SE*, NL*, DE*	SE*, NL*, DE*
education	UK*, NL*		SE*		IT*	
economic situation		SE*, IT*	IT*		UK*	
political interest	UK*, SE*, FR*NL*, IT*, ES*	UK*, SE*, NL*, FR*IT*, DE*, ES*	NL*, IT*, FR*, ES*	UK*, SE*, NL*, FR*,	UK*, SE*, NL*, FR*IT*, DE*, ES*	NL*, IT*, FR*, ES*
trust in government	IT*	UK	SE*, NL*	IT*		SE*, IT*
government dissatisfaction		SE*, NL*, DE*	DE*	NL,	UK*, SE*, DE*	

Note: * indicates a positive direction, while no suffix signals a negative direction of the independent variable's effect in a specific country

Table 2: Table for all countries
(models includes country fixed effects, which are not displayed here)

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.16*** (0.04)	0.17* (0.08)	0.13 (0.07)	0.02* (0.01)	-0.08 (0.06)	-0.06** (0.02)
age	-0.01** (0.00)	-0.01** (0.00)	0.00 (0.00)	-0.00*** (0.00)	-0.00** (0.00)	0.00 (0.00)
age^2	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00** (0.00)	0.00* (0.00)	-0.00 (0.00)
gender	-0.03*** (0.01)	0.04* (0.02)	0.03** (0.01)	-0.00 (0.00)	0.02 (0.01)	0.03* (0.01)
children	0.05*** (0.01)	0.04*** (0.01)	0.04*** (0.01)	0.01*** (0.00)	0.02*** (0.01)	0.02** (0.01)
education	0.02* (0.01)	0.01 (0.01)	0.06*** (0.02)	0.00 (0.00)	0.01* (0.01)	0.02*** (0.01)
economic situation	0.02*** (0.00)	0.03** (0.01)	0.02** (0.01)	0.00 (0.00)	0.01*** (0.00)	0.00 (0.01)
extreme left	0.01 (0.01)	0.12** (0.04)	-0.00 (0.03)	0.01 (0.01)	0.11*** (0.02)	0.04* (0.02)
extreme right	0.04*** (0.01)	-0.02 (0.03)	-0.02 (0.01)	0.02 (0.01)	0.03 (0.03)	0.04** (0.01)
political interest	0.02* (0.01)	0.14*** (0.01)	0.07*** (0.02)	0.01*** (0.00)	0.09*** (0.01)	0.03*** (0.01)
trust in government	0.01*** (0.00)	-0.01 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)
government dissatisfaction	0.00 (0.00)	0.02* (0.01)	0.00 (0.00)	-0.00 (0.00)	0.01*** (0.00)	0.00 (0.00)
indiv. economic threat	0.04*** (0.01)	0.08*** (0.02)	0.07*** (0.02)	0.01*** (0.00)	0.05*** (0.01)	0.04*** (0.01)
indiv. health threat	0.03*** (0.01)	0.02*** (0.00)	0.04* (0.02)	0.01 (0.00)	-0.00 (0.01)	0.00 (0.01)
soc. economic threat	-0.10*** (0.02)	-0.06* (0.03)	-0.06* (0.03)	-0.02* (0.01)	-0.03* (0.02)	-0.02 (0.02)
soc. health threat	-0.01** (0.00)	0.03 (0.02)	0.05** (0.01)	-0.00 (0.00)	0.01 (0.01)	0.01 (0.01)
AIC	2253.87	9034.20	9438.56	-9296.18	4451.55	4363.06
BIC	2369.64	9149.97	9554.33	-9180.41	4567.32	4478.83
Log Likelihood	-1109.93	-	-	4665.09	-2208.78	-2164.53
Deviance	541.79	1490.73	1583.49	96.62	752.16	742.28
Num. obs.	6699	6699	6699	6699	6699	6699

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 1: Odds ratios of main variables for the UK

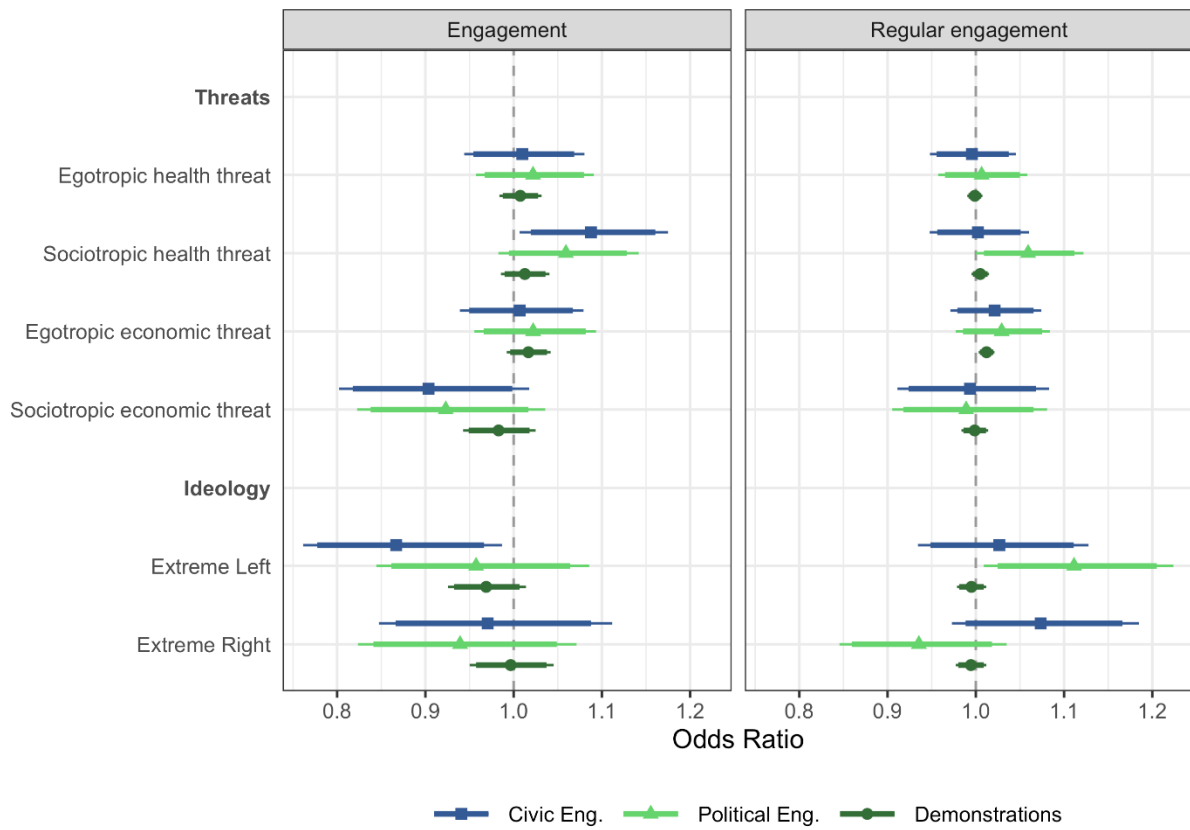


Table 3 models for the UK

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.07 (0.06)	0.25 (0.16)	-0.11 (0.17)	0.01 (0.02)	-0.04 (0.12)	-0.12 (0.12)
age	-0.00 (0.00)	-0.00 (0.01)	0.01* (0.01)	-0.00 (0.00)	-0.01* (0.00)	0.00 (0.00)
age^2	0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
gender	-0.03** (0.01)	0.12*** (0.03)	0.09** (0.03)	-0.01 (0.00)	0.02 (0.02)	0.05* (0.02)
children	0.01 (0.01)	0.04* (0.02)	0.05** (0.02)	0.00 (0.00)	-0.01 (0.01)	0.00 (0.01)
education	-0.00 (0.01)	-0.02 (0.03)	0.11*** (0.03)	0.00 (0.00)	0.00 (0.02)	0.01 (0.02)
economic situation	0.01 (0.01)	0.00 (0.02)	0.01 (0.02)	-0.00 (0.00)	0.03* (0.02)	0.01 (0.02)
extreme left	-0.03 (0.02)	-0.04 (0.06)	-0.14* (0.07)	-0.00 (0.01)	0.11* (0.05)	0.03 (0.05)
extreme right	-0.00 (0.02)	-0.06 (0.07)	-0.03 (0.07)	-0.01 (0.01)	-0.07 (0.05)	0.07 (0.05)
political interest	0.00 (0.01)	0.16*** (0.02)	0.12*** (0.02)	0.00 (0.00)	0.11*** (0.01)	0.04** (0.01)
trust in government	0.00 (0.00)	-0.02* (0.01)	0.00 (0.01)	-0.00 (0.00)	-0.01 (0.01)	0.00 (0.01)
government dissatisfaction	0.00 (0.00)	0.00 (0.01)	-0.00 (0.01)	-0.00 (0.00)	0.01* (0.01)	0.00 (0.01)
indiv. economic threat	0.02 (0.01)	0.02 (0.03)	0.01 (0.04)	0.01** (0.00)	0.03 (0.03)	0.02 (0.03)
indiv. health threat	0.01 (0.01)	0.02 (0.03)	0.01 (0.03)	-0.00 (0.00)	0.01 (0.03)	-0.00 (0.02)
soc. economic threat	-0.02 (0.02)	-0.08 (0.06)	-0.10 (0.06)	-0.00 (0.01)	-0.01 (0.05)	-0.01 (0.04)
soc. health threat	0.01 (0.01)	0.06 (0.04)	0.08* (0.04)	0.00 (0.01)	0.06 (0.03)	0.00 (0.03)
AIC	-718.76	1333.27	1397.40	-2764.20	800.10	748.26
BIC	-635.13	1416.90	1481.03	-2680.56	883.73	831.89
Log Likelihood	376.38	-649.63	-681.70	1399.10	-383.05	-357.13
Deviance	27.49	208.86	222.52	3.64	123.32	117.16
Num. obs.	1012	1012	1012	1012	1012	1012

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 2: Odds ratios of main variables for Sweden

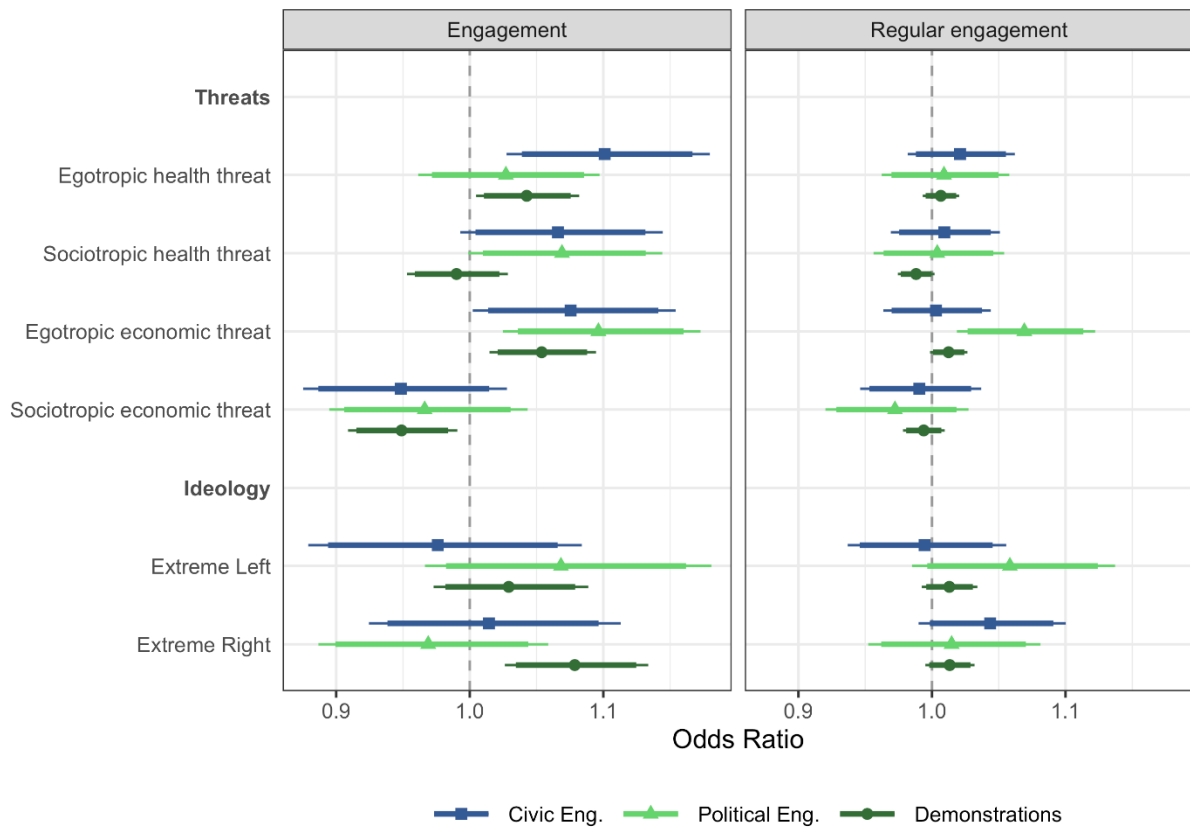


Table 4 models for Sweden

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.32*** (0.09)	-0.27 (0.16)	-0.08 (0.17)	0.04 (0.03)	-0.32** (0.12)	-0.01 (0.10)
age	-0.02*** (0.00)	-0.00 (0.01)	0.01 (0.01)	-0.00** (0.00)	0.00 (0.00)	0.00 (0.00)
age^2	0.00*** (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00** (0.00)	-0.00 (0.00)	-0.00 (0.00)
gender	-0.02 (0.02)	0.01 (0.03)	0.04 (0.03)	0.00 (0.01)	-0.02 (0.02)	0.02 (0.02)
children	0.04*** (0.01)	0.06*** (0.02)	0.09*** (0.02)	0.02*** (0.00)	0.03** (0.01)	0.01 (0.01)
education	0.03* (0.02)	0.01 (0.03)	0.06 (0.03)	-0.00 (0.01)	-0.01 (0.02)	0.01 (0.02)
economic situation	0.02 (0.01)	0.06*** (0.02)	0.01 (0.02)	-0.00 (0.00)	0.02 (0.01)	0.01 (0.01)
extreme left	0.03 (0.03)	0.07 (0.05)	-0.02 (0.05)	0.01 (0.01)	0.06 (0.04)	-0.01 (0.03)
extreme right	0.08** (0.03)	-0.03 (0.05)	0.01 (0.05)	0.01 (0.01)	0.01 (0.03)	0.04 (0.03)
political interest	0.01 (0.01)	0.16*** (0.02)	0.07*** (0.02)	0.00 (0.00)	0.10*** (0.01)	0.03* (0.01)
trust in government	0.01*** (0.00)	0.01 (0.01)	0.01 (0.01)	0.00* (0.00)	0.01 (0.01)	-0.00 (0.00)
government dissatisfaction	0.00 (0.00)	0.02* (0.01)	-0.00 (0.01)	0.00 (0.00)	0.02** (0.01)	-0.00 (0.00)
indiv. economic threat	0.05** (0.02)	0.09** (0.03)	0.07* (0.04)	0.01 (0.01)	0.07** (0.02)	0.00 (0.02)
indiv. health threat	0.04* (0.02)	0.03 (0.03)	0.10** (0.04)	0.01 (0.01)	0.01 (0.02)	0.02 (0.02)
soc. economic threat	-0.05* (0.02)	-0.03 (0.04)	-0.05 (0.04)	-0.01 (0.01)	-0.03 (0.03)	-0.01 (0.02)
soc. health threat	-0.01 (0.02)	0.07 (0.03)	0.06 (0.04)	-0.01 (0.01)	0.00 (0.02)	0.01 (0.02)
AIC	113.12	1259.79	1349.04	-1883.60	598.96	230.53
BIC	196.42	1343.09	1432.33	-1800.31	682.26	313.82
Log Likelihood	-39.56	-612.90	-657.52	958.80	-282.48	-98.26
Deviance	62.80	199.53	218.31	8.39	102.49	70.70
Num. obs.	992	992	992	992	992	992

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 3: Odds ratios of main variables for the Netherlands

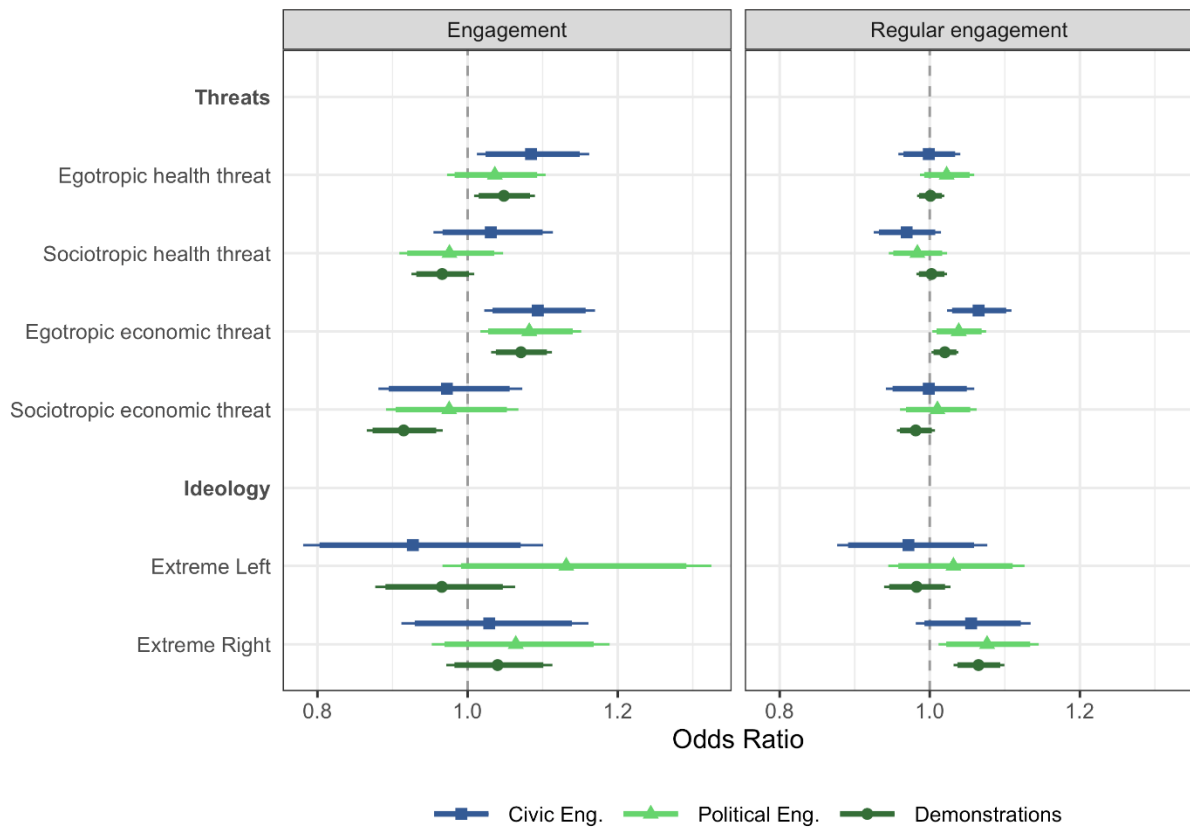


Table 5 models for the Netherlands

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.13 (0.09)	0.28 (0.15)	0.38* (0.16)	0.03 (0.04)	-0.13 (0.08)	0.03 (0.10)
age	-0.00 (0.00)	-0.01** (0.00)	-0.01* (0.01)	-0.00 (0.00)	-0.00 (0.00)	-0.00 (0.00)
age^2	0.00 (0.00)	0.00 (0.00)	0.00* (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
gender	-0.06** (0.02)	-0.04 (0.03)	-0.01 (0.03)	-0.00 (0.01)	0.01 (0.02)	-0.02 (0.02)
children	0.06*** (0.01)	0.04* (0.02)	0.05** (0.02)	0.02*** (0.00)	0.03** (0.01)	0.04*** (0.01)
education	0.02 (0.02)	-0.01 (0.03)	0.09** (0.03)	0.01 (0.01)	0.01 (0.02)	0.03 (0.02)
economic situation	0.01 (0.01)	0.03 (0.02)	-0.02 (0.02)	-0.00 (0.01)	0.02 (0.01)	0.00 (0.01)
extreme left	-0.03 (0.05)	0.12 (0.08)	-0.08 (0.09)	-0.02 (0.02)	0.03 (0.04)	-0.03 (0.05)
extreme right	0.04 (0.03)	0.06 (0.06)	0.03 (0.06)	0.06*** (0.02)	0.07* (0.03)	0.05 (0.04)
political interest	0.04** (0.01)	0.14*** (0.02)	0.10*** (0.02)	0.01** (0.01)	0.07*** (0.01)	0.06*** (0.01)
trust in government	0.01* (0.01)	0.00 (0.01)	0.01 (0.01)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.01)
government dissatisfaction	0.00 (0.01)	0.02* (0.01)	-0.01 (0.01)	-0.00 (0.00)	0.00 (0.01)	-0.01* (0.01)
indiv. economic threat	0.07*** (0.02)	0.08* (0.03)	0.09** (0.03)	0.02* (0.01)	0.04* (0.02)	0.06** (0.02)
indiv. health threat	0.05* (0.02)	0.04 (0.03)	0.08* (0.04)	0.00 (0.01)	0.02 (0.02)	-0.00 (0.02)
soc. economic threat	-0.09** (0.03)	-0.02 (0.05)	-0.03 (0.05)	-0.02 (0.01)	0.01 (0.03)	-0.00 (0.03)
soc. health threat	-0.03 (0.02)	-0.02 (0.04)	0.03 (0.04)	0.00 (0.01)	-0.02 (0.02)	-0.03 (0.02)
AIC	207.32	1209.25	1382.88	-1337.31	20.42	339.77
BIC	291.04	1292.97	1466.59	-1253.59	104.14	423.49
Log Likelihood	-86.66	-587.63	-674.44	685.65	6.79	-152.88
Deviance	70.27	188.21	223.25	15.39	58.48	80.05
Num. obs.	1017	1017	1017	1017	1017	1017

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 4: Odds ratios of main variables for Italy

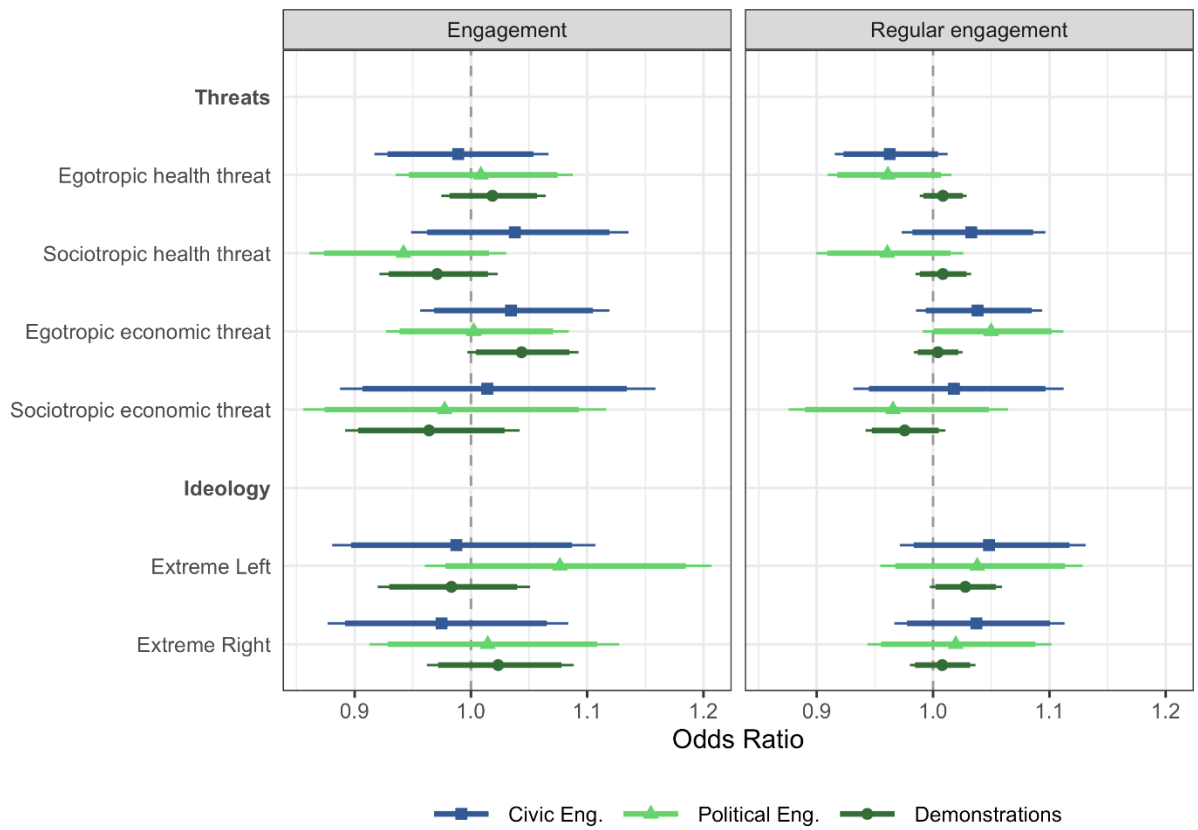


Table 6 models for Italy

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.02 (0.10)	0.34 (0.18)	0.25 (0.18)	-0.03 (0.05)	0.15 (0.13)	0.04 (0.12)
age	-0.00 (0.00)	-0.01 (0.01)	-0.00 (0.01)	-0.00 (0.00)	-0.01 (0.00)	-0.01 (0.00)
age^2	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)
gender	-0.04* (0.02)	0.01 (0.03)	0.01 (0.03)	-0.01 (0.01)	0.01 (0.02)	0.02 (0.02)
children	0.05*** (0.01)	0.02 (0.02)	0.02 (0.02)	0.01 (0.01)	0.02 (0.01)	0.01 (0.01)
education	-0.01 (0.03)	0.07 (0.05)	0.01 (0.05)	0.01 (0.01)	0.09** (0.03)	0.02 (0.03)
economic situation	0.02* (0.01)	0.04* (0.02)	0.01 (0.02)	0.00 (0.00)	0.01 (0.01)	0.01 (0.01)
extreme left	-0.02 (0.03)	0.07 (0.06)	-0.01 (0.06)	0.03 (0.02)	0.04 (0.04)	0.05 (0.04)
extreme right	0.02 (0.03)	0.01 (0.05)	-0.03 (0.05)	0.01 (0.01)	0.02 (0.04)	0.04 (0.04)
political interest	0.03** (0.01)	0.14*** (0.02)	0.09*** (0.02)	0.01* (0.01)	0.07*** (0.01)	0.02 (0.01)
trust in government	0.01 (0.00)	0.01 (0.01)	0.02** (0.01)	0.00* (0.00)	0.00 (0.01)	0.01* (0.01)
government dissatisfaction	0.00 (0.00)	0.01 (0.01)	0.00 (0.01)	0.00 (0.00)	0.00 (0.01)	0.01 (0.01)
indiv. economic threat	0.04 (0.02)	0.00 (0.04)	0.03 (0.04)	0.00 (0.01)	0.05 (0.03)	0.04 (0.03)
indiv. health threat	0.02 (0.02)	0.01 (0.04)	-0.01 (0.04)	0.01 (0.01)	-0.04 (0.03)	-0.04 (0.03)
soc. economic threat	-0.04 (0.04)	-0.02 (0.07)	0.01 (0.07)	-0.02 (0.02)	-0.04 (0.05)	0.02 (0.05)
soc. health threat	-0.03 (0.03)	-0.06 (0.05)	0.04 (0.05)	0.01 (0.01)	-0.04 (0.03)	0.03 (0.03)
AIC	273.93	1261.87	1266.20	-1179.35	692.68	518.04
BIC	355.93	1343.87	1348.20	-1097.36	774.67	600.04
Log Likelihood	-119.97	-613.94	-616.10	606.68	-329.34	-242.02
Deviance	69.31	203.08	204.04	14.26	109.31	90.40
Num. obs.	919	919	919	919	919	919

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 5: Odds ratios of main variables for Germany

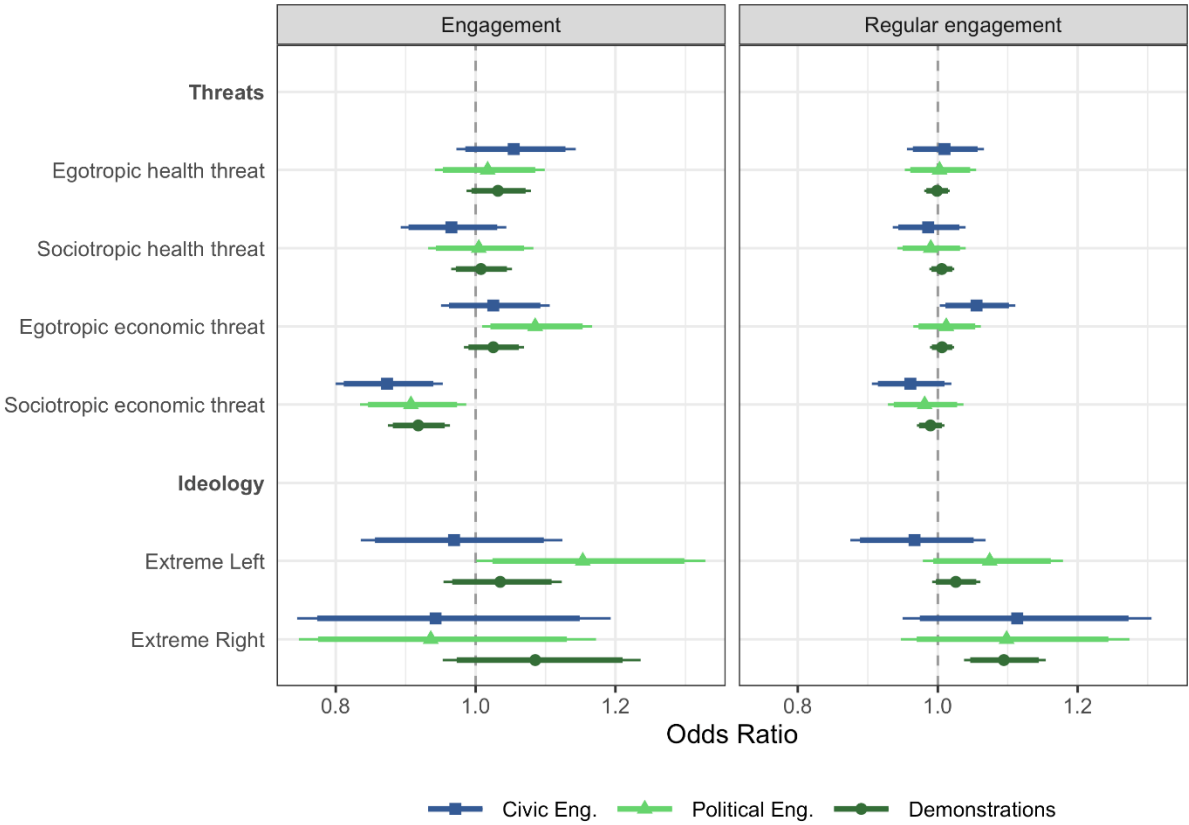


Table 7 models for Germany

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.21*	0.11	0.19	0.02	0.00	-0.13
	(0.10)	(0.17)	(0.18)	(0.04)	(0.11)	(0.12)
age	-0.01	-0.01	0.01	-0.00	-0.01	0.01
	(0.00)	(0.01)	(0.01)	(0.00)	(0.00)	(0.00)
age^2	0.00	0.00	-0.00	0.00	0.00	-0.00
	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
gender	-0.05**	0.05	0.01	0.00	-0.00	-0.01
	(0.02)	(0.03)	(0.03)	(0.01)	(0.02)	(0.02)
children	0.04**	0.03	0.05*	0.01*	0.03*	0.05***
	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)
education	-0.00	-0.02	0.03	0.00	-0.01	0.01
	(0.02)	(0.04)	(0.04)	(0.01)	(0.02)	(0.03)
economic situation	0.02	0.03	-0.00	0.00	0.02	-0.02
	(0.01)	(0.02)	(0.02)	(0.00)	(0.01)	(0.01)
extreme left	0.03	0.14*	-0.03	0.03	0.07	-0.03
	(0.04)	(0.07)	(0.08)	(0.02)	(0.05)	(0.05)
extreme right	0.08	-0.07	-0.06	0.09***	0.09	0.11
	(0.07)	(0.11)	(0.12)	(0.03)	(0.08)	(0.08)
political interest	-0.01	0.11***	0.04	0.00	0.07***	-0.00
	(0.01)	(0.02)	(0.02)	(0.01)	(0.01)	(0.02)
trust in government	0.01	0.01	0.01	-0.00	-0.00	0.01
	(0.00)	(0.01)	(0.01)	(0.00)	(0.01)	(0.01)
government dissatisfaction	0.01*	0.03***	-0.00	-0.00	0.01*	0.01
	(0.01)	(0.01)	(0.01)	(0.00)	(0.01)	(0.01)
indiv. economic threat	0.02	0.08*	0.02	0.01	0.01	0.05*
	(0.02)	(0.04)	(0.04)	(0.01)	(0.02)	(0.03)
indiv. health threat	0.03	0.02	0.05	-0.00	0.00	0.01
	(0.02)	(0.04)	(0.04)	(0.01)	(0.03)	(0.03)
soc. economic threat	-0.09***	-0.10*	-0.14**	-0.01	-0.02	-0.04
	(0.02)	(0.04)	(0.04)	(0.01)	(0.03)	(0.03)
soc. health threat	0.01	0.00	-0.04	0.01	-0.01	-0.01
	(0.02)	(0.04)	(0.04)	(0.01)	(0.03)	(0.03)
AIC	239.80	1231.53	1314.51	-1367.82	476.70	604.23
BIC	321.52	1313.24	1396.23	-1286.10	558.42	685.95
Log Likelihood	-102.90	-598.76	-640.25	700.91	-221.35	-285.12
Deviance	65.81	197.12	216.07	11.12	85.53	98.48
Num. obs.	904	904	904	904	904	904

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 6: Odds ratios of main variables for France

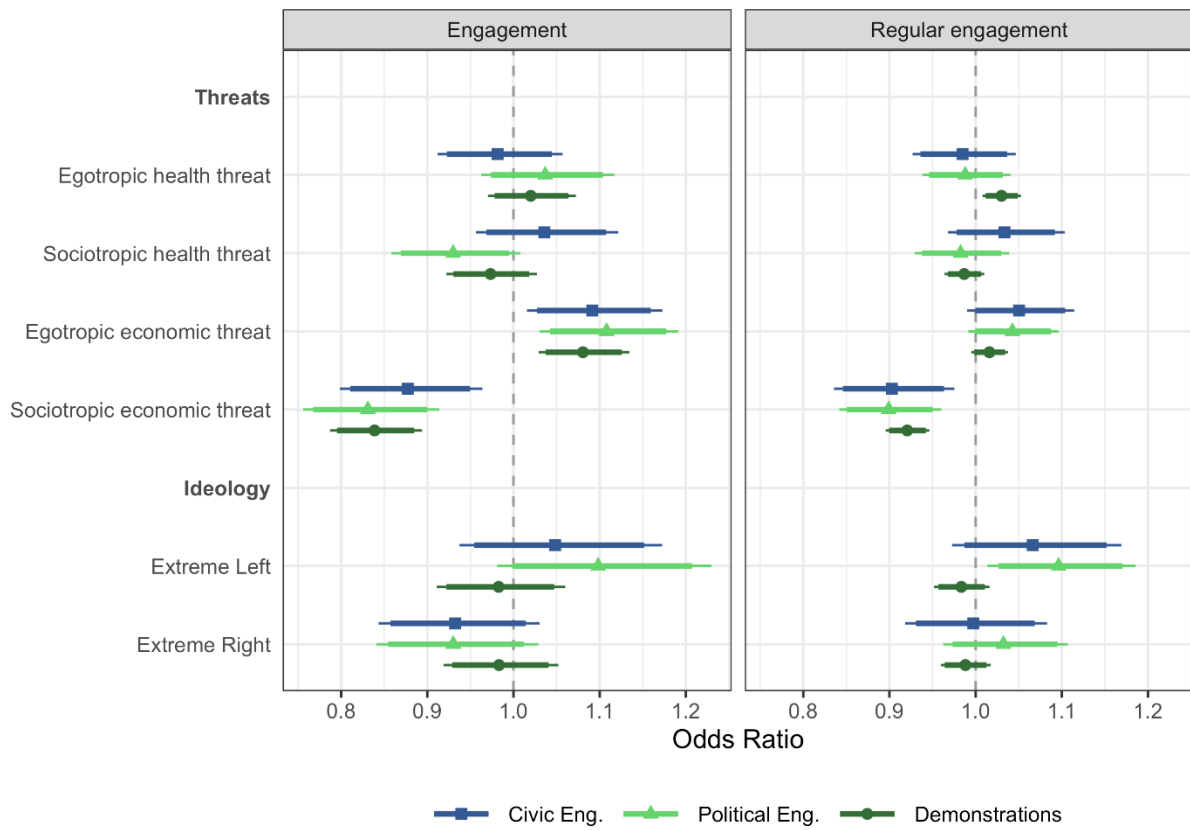


Table 8 models for France

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.24* (0.11)	0.61*** (0.17)	0.36* (0.17)	0.06 (0.05)	0.13 (0.12)	-0.14 (0.14)
age	-0.01 (0.00)	-0.01* (0.01)	0.00 (0.01)	-0.00 (0.00)	-0.01* (0.00)	0.00 (0.01)
age^2	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
gender	-0.00 (0.02)	0.05 (0.03)	0.04 (0.03)	0.00 (0.01)	0.04 (0.02)	0.07* (0.03)
children	0.03** (0.01)	0.02 (0.02)	0.00 (0.02)	0.00 (0.00)	0.02 (0.01)	-0.00 (0.01)
education	-0.00 (0.02)	0.04 (0.04)	0.03 (0.04)	-0.02 (0.01)	0.03 (0.03)	0.02 (0.03)
economic situation	0.00 (0.01)	-0.00 (0.02)	0.02 (0.02)	0.01 (0.01)	-0.01 (0.01)	0.02 (0.02)
extreme left	-0.02 (0.04)	0.09 (0.06)	0.05 (0.06)	-0.02 (0.02)	0.09* (0.04)	0.06 (0.05)
extreme right	-0.02 (0.03)	-0.07 (0.05)	-0.07 (0.05)	-0.01 (0.01)	0.03 (0.04)	-0.00 (0.04)
political interest	0.05*** (0.01)	0.14*** (0.02)	0.07*** (0.02)	0.02** (0.01)	0.10*** (0.01)	0.03* (0.02)
trust in government	0.01 (0.01)	-0.01 (0.01)	0.01 (0.01)	0.00 (0.00)	-0.01 (0.01)	0.01 (0.01)
government dissatisfaction	0.01 (0.01)	0.01 (0.01)	-0.00 (0.01)	-0.00 (0.00)	0.01 (0.01)	0.01 (0.01)
indiv. economic threat	0.08** (0.02)	0.10** (0.04)	0.09* (0.04)	0.02 (0.01)	0.04 (0.03)	0.05 (0.03)
indiv. health threat	0.02 (0.03)	0.04 (0.04)	-0.02 (0.04)	0.03** (0.01)	-0.01 (0.03)	-0.02 (0.03)
soc. economic threat	-0.18*** (0.03)	-0.19*** (0.05)	-0.13** (0.05)	-0.08*** (0.01)	-0.11** (0.03)	-0.10** (0.04)
soc. health threat	-0.03 (0.03)	-0.07 (0.04)	0.04 (0.04)	-0.01 (0.01)	-0.02 (0.03)	0.03 (0.03)
AIC	513.81	1239.81	1225.80	-1014.58	575.04	868.91
BIC	595.66	1321.66	1307.65	-932.73	656.89	950.75
Log Likelihood	-239.91	-602.91	-595.90	524.29	-270.52	-417.45
Deviance	89.94	199.55	196.50	16.80	96.19	132.81
Num. obs.	911	911	911	911	911	911

*** p < 0.001; ** p < 0.01; * p < 0.05

Figure 7: Odds ratios of main variables for Spain

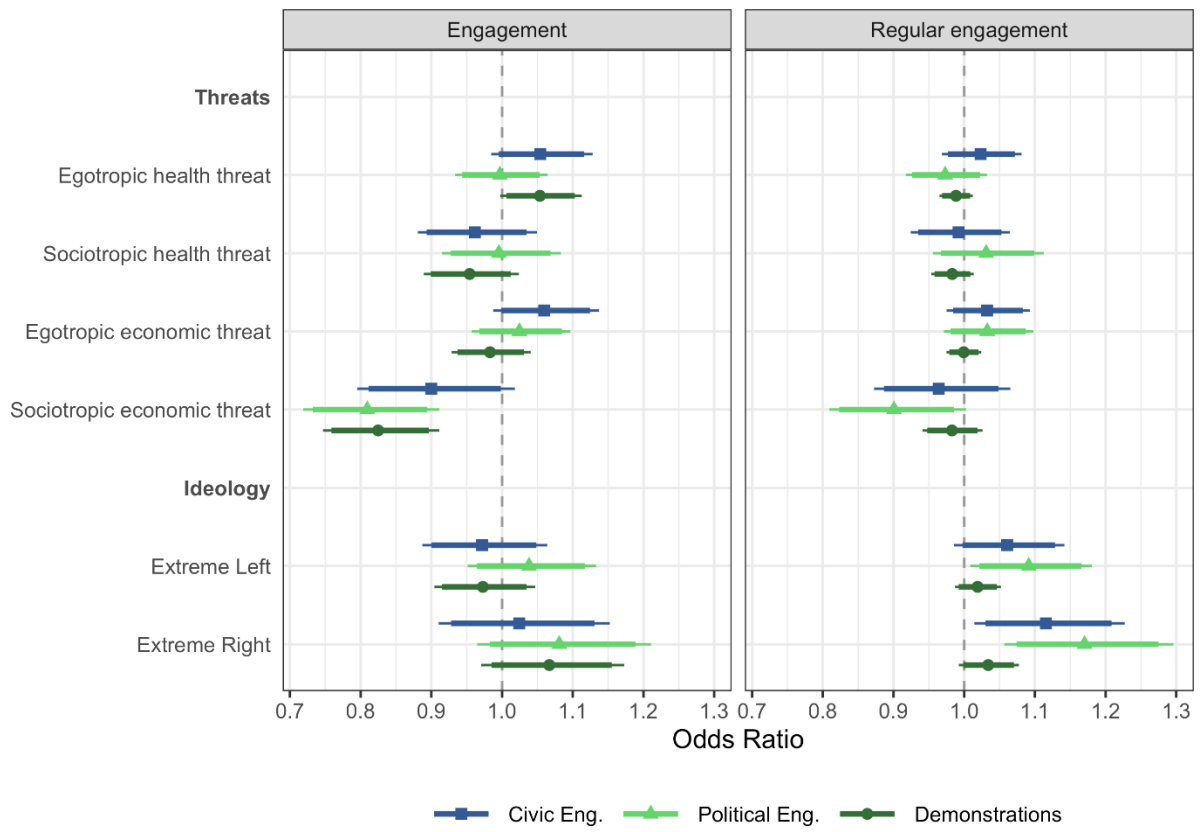


Table 9 models for Spain

	Demonstration	Political	Civic	Demonstration - regular	Political - regular	Civic - regular
intercept	0.27 (0.15)	0.46** (0.18)	0.42* (0.18)	0.07 (0.06)	-0.04 (0.16)	0.07 (0.15)
age	-0.00 (0.01)	-0.01 (0.01)	0.00 (0.01)	-0.00 (0.00)	-0.01 (0.01)	0.00 (0.01)
age^2	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)	0.00 (0.00)	0.00 (0.00)	-0.00 (0.00)
gender	-0.01 (0.03)	0.06* (0.03)	0.05 (0.03)	-0.00 (0.01)	0.06* (0.03)	0.05 (0.03)
children	0.06*** (0.01)	0.04* (0.02)	0.03 (0.02)	0.01 (0.01)	0.03 (0.02)	0.04** (0.01)
education	0.04 (0.03)	0.05 (0.03)	0.04 (0.03)	0.00 (0.01)	0.02 (0.03)	0.03 (0.03)
economic situation	0.01 (0.02)	0.02 (0.02)	0.02 (0.02)	-0.00 (0.01)	-0.00 (0.02)	-0.01 (0.02)
extreme left	-0.03 (0.04)	0.04 (0.04)	-0.03 (0.05)	0.02 (0.02)	0.09* (0.04)	0.06 (0.04)
extreme right	0.06 (0.05)	0.08 (0.06)	0.02 (0.06)	0.03 (0.02)	0.16** (0.05)	0.11* (0.05)
political interest	0.05*** (0.01)	0.14*** (0.02)	0.04* (0.02)	0.02* (0.01)	0.12*** (0.02)	0.01 (0.01)
trust in government	0.01 (0.01)	0.01 (0.01)	0.01 (0.01)	0.00 (0.00)	0.01 (0.01)	-0.00 (0.01)
government dissatisfaction	0.00 (0.01)	0.00 (0.01)	0.00 (0.01)	-0.00 (0.00)	0.01 (0.01)	-0.01 (0.01)
indiv. economic threat	-0.02 (0.03)	0.02 (0.03)	0.06 (0.04)	-0.00 (0.01)	0.03 (0.03)	0.03 (0.03)
indiv. health threat	0.05 (0.03)	-0.00 (0.03)	0.05 (0.03)	-0.01 (0.01)	-0.03 (0.03)	0.02 (0.03)
soc. economic threat	-0.19*** (0.05)	-0.21*** (0.06)	-0.11 (0.06)	-0.02 (0.02)	-0.10 (0.05)	-0.04 (0.05)
soc. health threat	-0.05 (0.04)	-0.00 (0.04)	-0.04 (0.04)	-0.02 (0.02)	0.03 (0.04)	-0.01 (0.04)
AIC	848.36	1188.21	1259.74	-727.70	988.51	856.13
BIC	930.81	1270.66	1342.20	-645.25	1070.96	938.58
Log Likelihood	-407.18	-577.11	-612.87	380.85	-477.26	-411.06
Deviance	130.27	186.72	201.42	24.53	151.12	131.35
Num. obs.	944	944	944	944	944	944

*** p < 0.001; ** p < 0.01; * p < 0.05

A5: Additional figures and tables

Figure 1: Level of engagement across countries

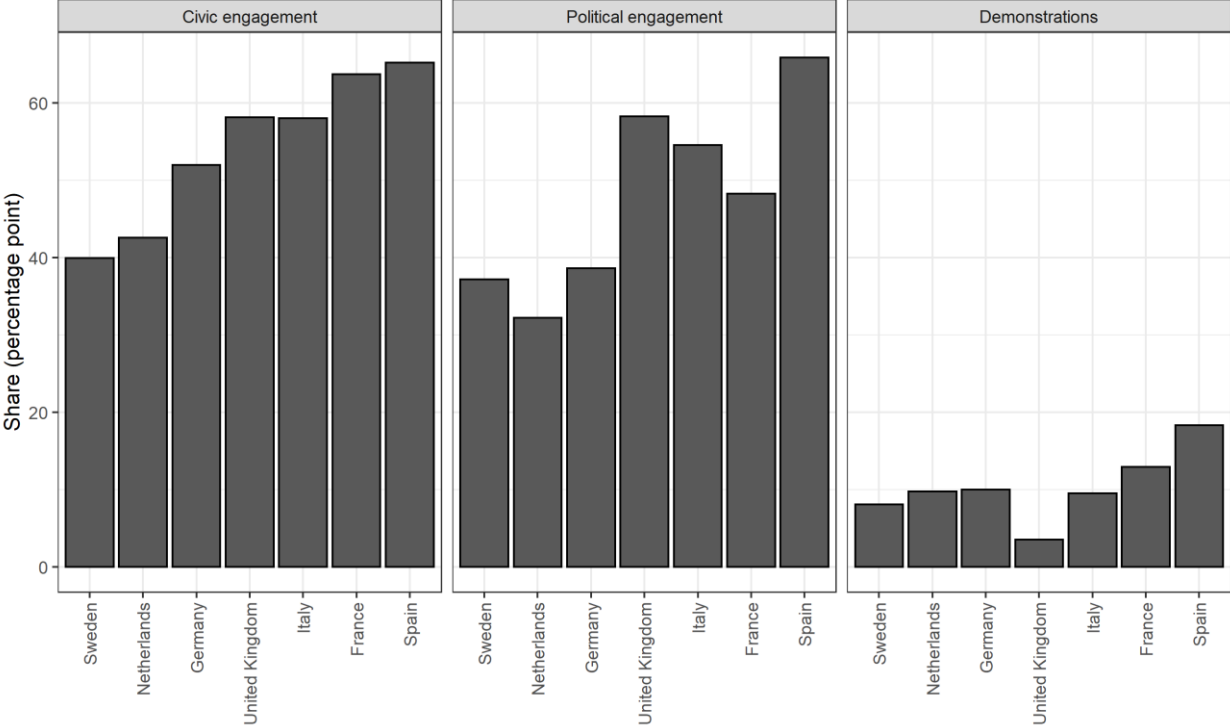


Table 1: Level of engagement by form and country

Country	Indicator	Overall engagement share	Regular engagement share
France	Contacted a pol.	14.7	2.4
	Donated money	28.9	4.7
	Help in neighborhood	59.3	15.5
	Other political	18.6	3.4
	Posted on the Internet	31.5	8
	Public demonstration	13	1.9
	Signed a petition	32.8	7.1
Germany	Contacted a pol.	12.5	2.4
	Donated money	27	4.3
	Help in neighborhood	44.9	10.2
	Other political	16	3.3
	Posted on the Internet	24.4	6.6
	Public demonstration	10	1.8
	Signed a petition	25.5	5
Italy	Contacted a pol.	15.5	2
	Donated money	45.3	6
	Help in neighborhood	37.6	7.2
	Other political	13.5	2.7
	Posted on the Internet	42.6	11.5
	Public demonstration	9.5	1.4
	Signed a petition	29.1	5
Netherlands	Contacted a pol.	10	1.9
	Donated money	28.6	4.7
	Help in neighborhood	34.4	6.9
	Other political	17.2	3.3
	Posted on the Internet	20.2	3.3
	Public demonstration	9.8	1.5
	Signed a petition	22.8	3.8
Spain	Contacted a pol.	15.4	2.2
	Donated money	43.8	7.9
	Help in neighborhood	56	13
	Other political	18.3	4.2
	Posted on the Internet	48.7	16
	Public demonstration	18.3	2.5
	Signed a petition	43.9	10.8
Sweden	Contacted a pol.	11.9	1.7
	Donated money	23.2	2.8
	Help in neighborhood	31.9	6.6
	Other political	15.1	4.1
	Posted on the Internet	29.2	9.1
	Public demonstration	8.1	1.2
	Signed a petition	20.2	3.9
United Kingdom	Contacted a pol.	15.5	2.3
	Donated money	41.4	7.7
	Help in neighborhood	39.2	8.2
	Other political	13.5	2.9
	Posted on the Internet	41.6	12.6
	Public demonstration	3.6	0.6
	Signed a petition	41.3	8.8

Table 2: Sample Size

Country	Sample size
France	1033
Germany	1036
Italy	1067
Netherlands	1103
Spain	1061
Sweden	1110
United Kingdom	1169