

# Did Exposure to Soviet Communism Spur Pro-Social Preferences?

Joan Costa-Font, London School of Economics, CESifo, IZA  
Anna Nicińska, University of Warsaw

NBER Summer Institute  
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## Preview

We study the effect of exposure to communism (EC) on **pro-social preferences** in two realms

- private, such as preference for support to family members
- public, such as preference for income equality, generalized trust

We examine the effect of EC during '**impressionable years**' using DiD strategy comparing **EC in several Eastern European to Western Europe**.

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We examine the effect of EC during '**impressionable years**' using DiD strategy comparing **EC in several Eastern European to Western Europe**.

We find that *EC during people's impressionable years crowds out pro-social behaviours in the public realm* due to reduced confidence in public institutions, increased traditional gender roles and religiosity, and *crowds in pro-social behaviour in private realm*

# Research problem

## Background question

Are individual's social preferences endogenous to political regimes?

- The case of post-war Soviet communism
- Social preferences (oriented towards others) in public and private realm (Arendt 1958)
- We confirm previous findings with regards to total EC
- Privilege in communist societies reflected in '[internal family connections](#)' allowing access to education and elite positions

## More specifically...

- Did EC shape widely defined **pro-social** preferences?
- Certain periods of life seem to be particularly relevant for preference formation (**impressionable years**: ages 18-25)
- Communist countries were characterized by **different institutions**, but it is **unclear whether they persist after communism collapsed** in terms of cultural persistence

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## Research question

- If political regimes had no effect on individual preferences, difference between post-communist and other countries would not be **persistent**
- The **effect of EC** could take two forms:
  - **crowding in**: people internalize collectivism (pro-social preferences) in the public realm due to inertia or indoctrination (e.g., state control over schools, press, elections), and hence weaker family ties
  - **crowding out**: people can turn against collectivism (pro-social preferences) in the public realm and switch to stronger pro-social preferences in the private realm

## Related literature: Preferences

### Social formation of preferences

- Culture and institutions (Alesina and Guliano 2015; Butler and Fehr 2018; Shayo 2009)
  - Formal and informal institutions coevolve (Greif 2006; Schelling 2006)
  - Identity influences (Akerlof and Kranton 2010; Cooter 2000) survive the contemporaneous effect of institutions
- Reference point effects (Coppock and Green 2017)
- Life course perspective on individual behaviour (Elder et al. 2003; Osborne et al. 2011) Experiences in impressionable years are critical for shaping political beliefs (Giuliano and Spilimbergo 2013)



## Related literature: Communism

'Wall in the head' theory and indoctrination effect (Corneo and Gruner 2002; Alesina et al. 2001; Alesina and Fuchs-Schündeln 2007)

- Markets crowd out pro-social behaviours (Marx and Engels 1848; Sandel 2012)
- There is no evidence that communism made impact (Shiller et al. 1992)
  - Egalitarian alternatives to markets bring welfare effects depending on specific country institutions and underlying incentives (Besley 2013)

item Current literature strongly focuses on Germany (e.g. Alesina and Fuchs-Schündeln 2007; Campa and Serafinelli 2018)

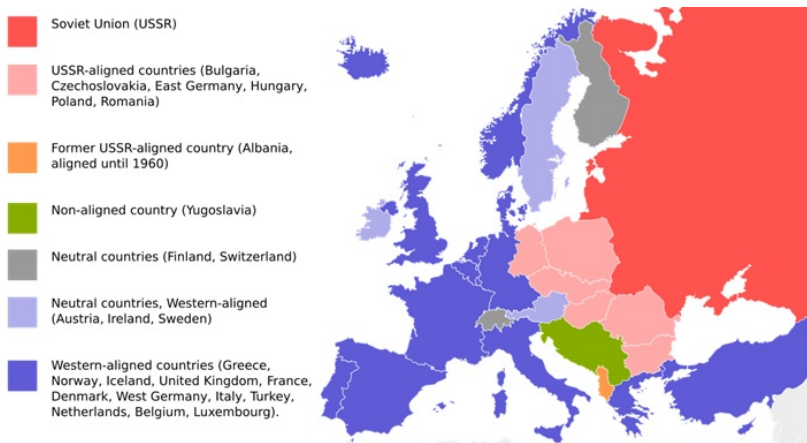
## Related literature: Social behaviour

### Factors shaping pro-social behaviour

- Private realm
  - Familiarism (Becker 2009) as a club good important for social inclusion and social esteem (Manzi et al. 2006)
  - Positive effects: strong family ties in less developed countries boost economic performance (Alesina and Giuliano 2010) and caregiving
  - 'Amoral familism' reduces generalized trust in society (Banfield 1967) and can have detrimental effects for society (Putnam 2001)
- Public realm
  - Preference for income redistribution (Alesina et al. 2001; Alesina and Fuchs-Schündeln 2007)
  - Strong 'bridging' social capital reduces transaction costs (Putnam 2001)

# Empirical strategy: Exogenous 'political regime' shock after the second world war

5 decades of communism in Europe allow for variation across cohorts



## Empirical strategy: Two data sources

### Generations and Gender Survey

#### GGG: familiarism, gender etc.

- 2 waves (2002-2013; 2006-2013) of panel data
- 10 post-communist countries (Bulgaria, Czech Republic, Estonia, Georgia, Germany, Hungary, Lithuania, Poland, Romania, Russia)
- 7 West-European countries (Austria, Belgium, France, Germany, Italy, Netherlands, Sweden)
- 167 thousand individuals

### World Values Survey

#### WVS: income equality, trust etc.

- 5 waves (1981-1984; 1989-1993; 1994-1998; 2005-2009; 2010-2014)
- wave 1 excluded
- cross-section series
- the same set of 10 post-communist countries
- set of control countries analogous to GGS (lack of Austria, Norway, and Belgium)
- 47 thousand individuals

## Empirical strategy: Identification

**Table 1.** Entry and exit into Soviet communism in selected post-communist countries

Entry					
Exit	1936	1947	1948	1949	1952
1989			Romania		Poland
1990	Lithuania	Bulgaria	Czech Republic	Germany	
	Georgia			Hungary	
1992	Estonia				
1995	Russia				

*Source:* Authors' own tabulation based on dates of socialist constitution and first free democratic elections

# Empirical strategy: Cohort variation in post-communist countries

**Table 2. Sample size by 5-year cohort group and country**

Birth cohort	Czech Republic		Estonia		Georgia		East Germany		West Germany		Hungary		Lithuania		Poland		Romania		Russia	
	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG	WVS	GGG
1990-94	0	0	100	0	162	0	53	0	64	0	30	0	0	0	82	774	90	0	160	0
1985-89	0	817	135	0	260	1,069	114	50	141	251	102	0	0	932	152	1,392	172	352	514	393
1980-84	22	1,044	121	574	228	1,605	129	148	122	512	90	1,963	0	973	173	1,577	285	591	421	1,323
1975-79	85	1,262	183	682	441	1,601	202	132	177	567	169	2,779	117	991	267	1,733	419	856	454	1,424
1970-74	127	1,259	192	717	549	1,709	211	137	276	666	183	2,287	89	967	223	1,583	406	1,092	622	1,495
1965-69	187	1,083	218	604	402	1,776	286	188	379	1,03	158	1,994	114	1,05	229	1,342	431	1,301	724	1,49
1960-64	167	1,061	209	580	487	1,995	325	263	306	1,112	115	1,898	108	1,081	273	1,442	394	912	855	1,836
1955-59	207	1,065	219	572	401	1,855	264	228	248	960	136	2,357	100	1,091	335	2,007	448	1,122	959	1,814
1950-54	243	1,121	234	512	379	1,472	304	245	250	786	174	2,496	78	934	330	2,305	432	1,315	851	1,749
1945-49	195	1,121	183	479	320	1,139	234	179	192	672	125	2,229	71	796	251	1,998	353	1,118	626	1,266
1940-44	194	955	165	411	245	1,011	280	231	226	802	120	2,048	71	883	177	1,224	295	889	473	972
1935-39	161	752	157	387	303	1,317	277	196	188	742	81	1,757	70	1,005	196	1,321	305	1,026	620	1,504
1930-34	193	686	105	379	194	860	161	142	106	483	61	1,46	84	739	167	787	247	870	409	1,024
1925-29	136	421	77	267	103	547	92	86	103	414	61	906	65	289	131	3	146	527	373	868
1920-24	99	0	40	27	63	0	54	1	58	0	30	0	31	0	61	0	64	0	168	50
1915-19	30	0	6	0	20	0	18	0	16	0	13	0	7	0	30	0	13	0	94	0
1910-14	19	0	0	0	10	0	8	0	8	0	7	0	4	0	21	0	6	0	58	0
1905-09	4	0	0	0	0	0	1	0	5	0	1	0	0	0	6	0	3	0	17	0
1900-04	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0

*Source:* Authors' own tabulations based on WVS waves 2-5 (release 2015\_04\_18) and GGS wave 1 (release 4.2) and 2 (release 1.3)

# Empirical strategy

$$Y_{it}^m = \beta_0 + \beta_{g1}EC_{git}^{tot} + \beta_{g2}EC_{git}^{imp,n} + \beta_1\sigma_t + \beta_1\theta_g + \beta_2c_{it} + \beta_3X_{it} + \epsilon_{it}$$

- **Extensive and intensive margin of pro-social preferences**
- **Communism effects:**
  - EC in impressionable years: intensive (dummy for EC in ages 18-25) and extensive margin
  - EC in total: total number of years under communism
- **Controls** (year, country, 5-year cohort groups) and:
  - 1 demographics (age, gender)
  - 2 income status (ability to make ends meet)
  - 3 education (highest education level attained)
- **Migrants** are excluded from the research sample

# Empirical strategy: Measures of pro-social preferences

## Private realm

### Particular familiarism

Internalized family support norms

- upwards care  
children should take care of their elderly parents
- upwards money  
children should provide financial help for their elderly parents
- downwards care  
grandparents should look after grandchildren
- downwards money  
parents should provide financial help to their adult children

### General familiarism

Task for society or task for family

- upwards care  
care for older persons in need of care
- upwards money  
financial support for older people below subsistence level
- downwards care  
care for pre-school children
- downwards money  
financial support for younger people who have children below subsistence level

## Public realm

### Social preferences

Generalized behaviours

- income equality  
incomes should be made more equal
- generalized trust  
most people can be trusted
- left-wing self-identification  
how would you place your views on a scale
- equality over freedom  
personal freedom more important than equality



## Baseline results: EC in impressionable years and social preferences

- Significant negative effect on both margins of the preferences for income equality (redistribution) and for equality over freedom, left-wing self-identification, and generalized trust [▶ more](#)
- EC in impressionable years reduced the preference for income equality by 2 pp, and for equality over freedom by 22 pp

# Results: Negative effects of EC in impressionable years on both margins of social preferences [▶ less](#)

**Table 3.** Effects of EC in impressionable years on social preferences

	Extensive Margin			Intensive Margin		
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY						
EC IMP	-0.0137 (0.0128)	-0.0179 (0.0127)	-0.0232* (0.0127)	-0.0976 (0.0730)	-0.125* (0.0724)	-0.161** (0.0723)
LEFT WING						
EC IMP	-0.0287* (0.0157)	-0.0337** (0.0156)	-0.0355** (0.0157)	-0.154** (0.0679)	-0.170** (0.0676)	-0.166** (0.0677)
GENERALIZED TRUST						
EC IMP	-0.0395*** (0.0120)	-0.0358*** (0.0120)	-0.0325*** (0.0119)	-	-	-
EQUALITY OVER FREEDOM						
EC IMP	-0.232** (0.100)	-0.217** (0.101)	-0.217** (0.101)	-0.471** (0.184)	-0.438** (0.187)	-0.438** (0.187)

Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18)

## Baseline results: EC in impressionable years and familiarism

- EC during impressionable years increases familiarist preferences

▶ more

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- Probability of agreement with statement that **the family rather than the state is responsible for care over older generations increased by 8 per cent** due to EC in impressionable years.
- Effect size: If we consider individuals exposed to communism in their last impressionable year, upwards care familiarism would be completely crowded out by communism after reaching age of 92, if communism did not collapse before

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- Effect size: If we consider individuals exposed to communism in their last impressionable year, upwards care familiarism would be completely crowded out by communism after reaching age of 92, if communism did not collapse before
- The effects of EC in impressionable years are **stronger for general than for particular familiarism** [▶ more](#)

# Results: Positive effects of EC in impressionable years on extensive margin of familiarity [▶ less](#)

**Table 4a.** Effects of EC in impressionable years on familiarity

	GENERAL			PARTICULAR		
	(1)	(2)	(3)	(1)	(2)	(3)
	UPWARDS CARE EXTENSIVE MARGIN					
EC IMP	0.0562*** (0.0051)	0.0567*** (0.0051)	0.0563*** (0.0051)	0.036*** (0.0081)	0.0356*** (0.0081)	0.0356*** (0.0081)
	DOWNWARDS CARE EXTENSIVE MARGIN					
EC IMP	0.0478*** (0.0073)	0.0479*** (0.0073)	0.050*** (0.0073)	0.0353*** (0.0076)	0.0350*** (0.0076)	0.0331*** (0.0076)
	UPWARDS MONEY EXTENSIVE MARGIN					
EC IMP	0.0293*** (0.0060)	0.0301*** (0.0060)	0.0284*** (0.0060)	0.0154** (0.0060)	0.0151** (0.0060)	0.0162** (0.0060)
	DOWNWARDS MONEY EXTENSIVE MARGIN					
EC IMP	0.0529*** (0.0072)	0.0533*** (0.0072)	0.0533*** (0.0072)	0.0128** (0.0052)	0.0126** (0.0052)	0.0133** (0.0052)

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3)

# Results: Positive effects of EC in impressionable years on intensive margin of familiarity [▶ less](#)

**Table 4b.** Effects of EC in impressionable years on familiarity

	GENERAL			PARTICULAR		
	(1)	(2)	(3)	(1)	(2)	(3)
	UPWARDS CARE INTENSIVE MARGIN					
EC IMP	0.154*** (0.0129)	0.155*** (0.0129)	0.154*** (0.0129)	0.0857*** (0.0178)	0.0845*** (0.0178)	0.0804*** (0.0178)
	DOWNWARDS CARE INTENSIVE MARGIN					
EC IMP	0.123*** (0.0153)	0.124*** (0.0153)	0.128*** (0.0153)	0.0706*** (0.0170)	0.0700*** (0.0170)	0.0654*** (0.0170)
	UPWARDS MONEY INTENSIVE MARGIN					
EC IMP	0.109*** (0.0140)	0.109*** (0.0140)	0.106*** (0.0139)	0.0484** (0.0195)	0.0462** (0.0194)	0.0489** (0.0194)
	DOWNWARDS MONEY INTENSIVE MARGIN					
EC IMP	0.123*** (0.0139)	0.124*** (0.0139)	0.125*** (0.0139)	0.0215 (0.0161)	0.0210 (0.0161)	0.0245 (0.0161)

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3)

Results: Effects of EC in total on top of EC in impressionable years for extensive margins of selected pro-social preferences

**Table 5.** Effects of EC in total on selected preferences

Extensive margin						
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY			PARTICULAR UPWARDS CARE			
EC TOT	0.0039*** (0.0004)	0.0033*** (0.0004)	0.0037*** (0.0004)	-0.0020*** (0.0003)	-0.0017*** (0.0003)	-0.0017*** (0.0003)
LEFT WING			PARTICULAR DOWNWARDS CARE			
EC TOT	0.0042*** (0.0005)	0.0038*** (0.0005)	0.0039*** (0.0005)	-0.0025*** (0.0003)	-0.0025*** (0.0003)	-0.0024*** (0.0003)
GENERALIZED TRUST			GENERAL DOWNWARDS CARE			
EC TOT	-0.0010** (0.0004)	-0.0006 (0.0004)	-0.0010** (0.0004)	0.0023*** (0.0002)	-0.0024*** (0.0002)	-0.0025*** (0.0002)
EQUALITY OVER FREEDOM			GENERAL DOWNWARDS MONEY			
EC TOT	0.00839** (0.00386)	0.00890** (0.00391)	0.00890** (0.00391)	-0.00282*** (0.000236)	-0.00268*** (0.000237)	-0.00271*** (0.000237)

Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18) and GGS wave 1 (release 4.2) and 2 (release 1.3)



## Threads to the identification

Effects remain when using:

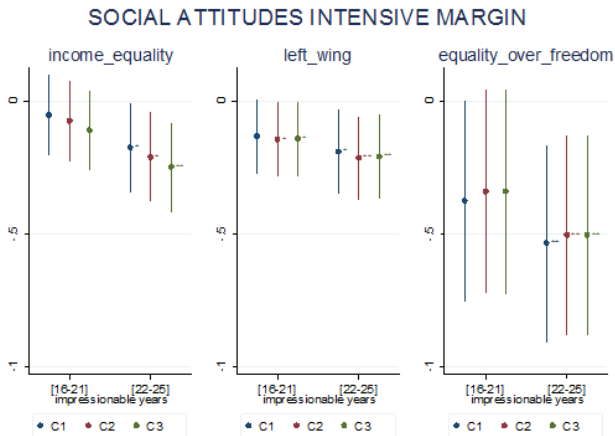
- alternative dates of **entry and exit** to communism
- experiences of **war and recession** in impressionable years
- **income** (with imputations for missing data) instead of ability to make ends meet
- alternative (1- and 10-year) **cohort grouping**
- **occupation**, also interacted with graduation age
- **age at the communism collapse** and **rural versus urban** area
- alternative **clusters** (country, wave, year)

## Robustness checks

Effects usually remain when using:

- alternative **control** groups
- **panel** random effects for familiarism
- **binary models** for dichotomized pro-social preferences
- sample selection correction with **propensity score** matching for social preferences
- sub-sample of **Eastern and Western Germany**
- **intensive margin** of EC in impressionable years

# Earlier and later impressionable years



Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18)

# Heterogeneity analysis

- demography
  - **crowding out of social preferences** stronger for men than women
  - **crowding in of familiarism** similar for men and women
  - **crowding in of familiarism** is driven by **cohorts** born in the 1950's and 1960's
- geography
  - heterogeneity in the **size of effects** for different **countries**
  - effects on **preferences for income equality and equality over freedom** stronger in **urban** than rural areas
  - effects on **familiarism** weaker in **urban** than rural areas
- history
  - distinction between **Prussia versus Habsburg empire and Russia** with respect to effects on preference for income equality
  - effects on preference for equality over freedom **strongest in historically orthodox** Christian countries

# Mechanisms

We find EC effects that might explain mechanisms leading to our results:

- EC reinforces **family ties** (family trust and importance)
- EC reduces confidence in state institutions (press, labour unions, political parties, police, courts)
- EC reduces **membership in organizations** (passive and active)
- EC enhances **ritual religiosity** (despite EC reduces spirituality)
- EC enhances **traditional gender roles** (female care-giver and male bread-winner)

## Discussion: Summary

EC in impressionable years influences both:

- 1 Private realm  
crowding in of pro-social preferences
- 2 Public realm  
crowding out of pro-social preferences

Mechanisms that might help to explain main results:

- Reduced confidence in public institutions such as press, labour unions, police and justice system
- Reinforced family ties and reduced equality with respect to gender roles in public and private realm

## Conclusion

Our results suggest that political regimes affect **individual's pro-social preferences**

EC in impressionable years leads to crowding-out of pro-social behaviours in public realm and crowding-in in private realm

### Contribution

- We confirm results found in previous studies on EC effects on pro-social behaviours
- We show the crucial and distinct role of impressionable years in preferences' formation
- We show that comparisons between Eastern and Western Germany fail to fully represent EC effects for all post-communist countries

## Discussion: Further analysis

- Other mechanisms
  - Outcomes using retrospective life histories from GGS and SHARE in currently drafted paper [▶ more](#)
  - Other social preferences using 'Life in Transition' survey
- Institutions (such as education system) or culture
  - Second generation migrants from post-communist countries to Western Europe using ESS
  - The other companion project of ours concerned with later-life well-being and effect of different regimes' education systems
- External validity
  - Differences between communist regimes





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## Did Communism Affect Individual Behaviours?

◀ BACK

Table A1. EC effects on outcomes

Internal Margin						
	(1)	(2)	(3)	(1)	(2)	(3)
	SAVING BEHAVIOUR			SELF-REPORTED HEALTH		
EC IMP	-0.0830*** (0.0286)	-0.0692** (0.0279)	-0.0663** (0.0279)	-0.0591*** (0.0206)	-0.0479** (0.0203)	-0.0391* (0.0203)
EC TOT	-0.00225*** (0.000843)	0.000625 (0.000824)	0.000279 (0.000827)	-0.00641*** (0.000673)	-0.00488*** (0.000668)	-0.00579*** (0.000667)
	INTENDED NUMBER OF CHILDREN			IMPORTANCE OF DEMOCRACY		
EC IMP	0.124*** (0.0392)	0.125*** (0.0392)	0.131*** (0.0394)	0.0871 (0.0743)	0.106 (0.0743)	0.131* (0.0740)
EC TOT	0.0307*** (0.00569)	0.0298*** (0.00564)	0.0290*** (0.00565)	-0.0141*** (0.00229)	-0.0128*** (0.00229)	-0.0156*** (0.00228)

Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18) and GGS wave 1 (release 4.2) and 2 (release 1.3) Notes: Savings - spent savings and borrowed money, spent some savings and borrowed money, just get by, save money; Children - 0, 1, 2, 3 or more; Health - 5 point scale, Democracy - 4 point scale. Robust standard errors in parentheses. \*\*\*  $p < 0.01$ , \*\*  $p < 0.05$ , \*  $p < 0.1$

# Social preferences: fixed communism entry and exit

◀ BACK

Table F5. Estimation results for social attitudes with fixed communism entry and exit dates.

	Extensive Margin			Intensive Margin		
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY						
EC in an impressionable year	-0.00757*** (0.00262)	-0.00875*** (0.00260)	-0.00825*** (0.00259)	-0.0361** (0.0142)	-0.0428*** (0.0141)	-0.0399*** (0.0141)
Years of EC	0.00524*** (0.000597)	0.00471*** (0.000593)	0.00491*** (0.000592)	0.0307*** (0.00322)	0.0276*** (0.00320)	0.0288*** (0.00319)
in total						
LEFT WING						
EC in an impressionable year	-0.0107*** (0.00295)	-0.0120*** (0.00293)	-0.0120*** (0.00293)	-0.0486*** (0.0126)	-0.0532*** (0.0126)	-0.0528*** (0.0126)
Years of EC	0.00587*** (0.000664)	0.00553*** (0.000663)	0.00557*** (0.000663)	0.0269*** (0.00283)	0.0256*** (0.00282)	0.0254*** (0.00282)
in total						
EQUALITY OVER FREEDOM *						
EC in an impressionable year	0.0105 (0.0131)	0.0107 (0.0131)	0.0107 (0.0131)	-0.0146 (0.0250)	-0.0154 (0.0251)	-0.0154 (0.0251)
Years of EC	0.0230* (0.0122)	0.0210* (0.0122)	0.0210* (0.0122)	-0.0354 (0.0232)	-0.0320 (0.0232)	-0.0320 (0.0232)
in total						
Demographic controls	yes	yes	yes	yes	yes	yes
Income controls	no	yes	yes	no	yes	yes
Education controls	no	no	yes	no	no	yes
Country effects	yes	yes	yes	yes	yes	yes
Year effects	yes	yes	yes	yes	yes	yes
Cohort effects	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18). Notes: Attitudes on: income

Familiarism: fixed communism entry and exit [◀ BACK](#)

Table F6. Estimation results for familiaristic attitudes with communism entry and exit dates.

[illegible]

*Source:* Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3). *Notes:* Particular familiarism: upwards care - "children should take responsibility for caring for their parents when they are old."

# Social preferences: recession in impressionable years ◀ BACK

Table G1. Estimation results for social attitudes controlling for the experience of recession in the impressionable years.

	Extensive Margin			Intensive Margin		
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY						
EC in an impressionable year	-0.0133 (0.0128)	-0.0176 (0.0127)	-0.0229* (0.0127)	-0.0932 (0.0730)	-0.121* (0.0725)	-0.157** (0.0724)
Years of EC in total	0.00388*** (0.000409)	0.00323*** (0.000408)	0.00372*** (0.000409)	0.0250*** (0.00229)	0.0212*** (0.00228)	0.0242*** (0.00228)
LEFT WING						
EC in an impressionable year	-0.0289* (0.0157)	-0.0339** (0.0156)	-0.0357** (0.0157)	-0.157** (0.0678)	-0.173** (0.0676)	-0.169** (0.0676)
Years of EC in total	0.00421*** (0.000491)	0.00375*** (0.000491)	0.00384*** (0.000493)	0.0195*** (0.00213)	0.0176*** (0.00213)	0.0173*** (0.00214)
EQUALITY OVER FREEDOM *						
EC in an impressionable year	-0.232** (0.100)	-0.217** (0.101)	-0.217** (0.101)	-0.471** (0.184)	-0.438** (0.187)	-0.438** (0.187)
Years of EC in total	0.00852** (0.00394)	0.00902** (0.00400)	0.00902** (0.00400)	0.0203*** (0.00748)	0.0217*** (0.00760)	0.0217*** (0.00760)
Demographic controls	yes	yes	yes	yes	yes	yes
Income controls	no	yes	yes	no	yes	yes
Education controls	no	no	yes	no	no	yes
Country effects	yes	yes	yes	yes	yes	yes
Year effects	yes	yes	yes	yes	yes	yes
Cohort effects	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18). Notes: Recession is conceptualized



Familiarism: recession in impressionable years [◀ BACK](#)

Table G2. Estimation results for familiaristic attitudes controlling for the experience of recession in the impressionable years.

	Extensive Margin						Intensive Margin					
	GENERAL			PARTICULAR			GENERAL			PARTICULAR		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE												
EC in an impressionable year	0.0376***	0.0389***	0.0391***	0.0305***	0.0321***	0.0305***	0.0879***	0.0910***	0.0902***	0.0712***	0.0758***	0.0729***
Years of EC	(0.00400)	(0.00400)	(0.00401)	(0.00610)	(0.00609)	(0.00611)	(0.00851)	(0.00850)	(0.00852)	(0.0133)	(0.0133)	(0.0133)
in total	0.00127***	0.00145***	0.00144***	-0.0020***	-0.0017***	-0.0017***	0.00234***	0.00273***	0.00273***	-0.00315***	-0.00238***	-0.00226***
	(0.000167)	(0.000167)	(0.000168)	(0.000235)	(0.000235)	(0.000235)	(0.000361)	(0.000361)	(0.000361)	(0.000528)	(0.000528)	(0.000529)
DOWNWARDS CARE												
EC in an impressionable year	-0.00678	-0.00687	-0.00777	0.0340***	0.0340***	0.0313***	-0.0118	-0.0124	-0.0140	0.0711***	0.0714***	0.0654***
Years of EC	(0.00539)	(0.00539)	(0.00539)	(0.00549)	(0.00549)	(0.00550)	(0.0108)	(0.0108)	(0.0109)	(0.0120)	(0.0119)	(0.0120)
in total	-0.000959***	-0.000977***	-0.00102***	-0.0023***	-0.0022***	-0.0022***	-0.00367***	-0.00375***	-0.00383***	-0.00607***	-0.00593***	-0.00573***
	(0.000195)	(0.000196)	(0.000196)	(0.000218)	(0.000218)	(0.000218)	(0.000410)	(0.000411)	(0.000412)	(0.000499)	(0.000499)	(0.000500)
UPWARDS MONEY												
EC in an impressionable year	0.0208***	0.0233***	0.0236***	0.0123***	0.0137***	0.0135***	0.0569***	0.0618***	0.0621***	0.0414***	0.0488***	0.0482***
Years of EC	(0.00488)	(0.00487)	(0.00488)	(0.00414)	(0.00414)	(0.00414)	(0.00914)	(0.00913)	(0.00914)	(0.0140)	(0.0139)	(0.0140)
in total	0.000424**	0.000726***	0.000737***	-0.0020***	-0.0018***	-0.0018***	0.00193***	0.00256***	0.00257***	-0.00682***	-0.00562***	-0.00569***
	(0.000201)	(0.000201)	(0.000201)	(0.000167)	(0.000167)	(0.000167)	(0.000402)	(0.000402)	(0.000402)	(0.000585)	(0.000583)	(0.000583)
DOWNWARDS MONEY												
EC in an impressionable year	0.00149	0.00271	0.00188	0.00741**	0.00842**	0.00793**	0.00547	0.00758	0.00601	0.0281**	0.0335**	0.0316**
Years of EC	(0.00537)	(0.00537)	(0.00538)	(0.00377)	(0.00376)	(0.00377)	(0.00997)	(0.00997)	(0.00998)	(0.0136)	(0.0135)	(0.0135)
in total	-0.00155***	-0.00139***	-0.00140***	-0.0025***	-0.0024***	-0.0024***	-0.00355***	-0.00327***	-0.00331***	-0.00928***	-0.00830***	-0.00835***
	(0.000200)	(0.000201)	(0.000201)	(0.000166)	(0.000166)	(0.000166)	(0.000381)	(0.000382)	(0.000382)	(0.000573)	(0.000572)	(0.000572)
Demographic controls	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Income controls	no	no	yes	no	no	yes	no	no	yes	no	no	yes
Education controls	no	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes
Country & cohort FE	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3). Notes: Recession is conceptualized as a year of negative GDP growth based on OECD (2019) indicators data.

# Social preferences: alternative control group [◀ BACK](#)

Table E1. The effects of exposure to communism (EC) on social attitudes using alternative control country groups.

		Extensive Margin			Intensive Margin		
		(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY							
EC in IY, excluding	- Italy	-0.0123 (0.0129)	-0.0163 (0.0128)	-0.0221* (0.0128)	-0.103 (0.0737)	-0.129* (0.0732)	-0.168** (0.0731)
	- Sweden	-0.0162 (0.0131)	-0.0176 (0.0130)	-0.0233* (0.0130)	-0.112 (0.0752)	-0.122 (0.0747)	-0.162** (0.0746)
Years of EC in total, excluding	- Italy	0.00391*** (0.000413)	0.00323*** (0.000412)	0.00371*** (0.000412)	0.0254*** (0.00231)	0.0215*** (0.00230)	0.0244*** (0.00230)
	- Sweden	0.00385*** (0.000429)	0.00325*** (0.000429)	0.00382*** (0.000430)	0.0261*** (0.00241)	0.0227*** (0.00240)	0.0262*** (0.00240)
LEFT WING							
EC in IY, excluding	- Italy	-0.0289* (0.0158)	-0.0343** (0.0158)	-0.0364** (0.0158)	-0.161** (0.0684)	-0.178*** (0.0682)	-0.175** (0.0683)
	- Sweden	-0.0330** (0.0162)	-0.0352** (0.0162)	-0.0362** (0.0162)	-0.145** (0.0697)	-0.150** (0.0696)	-0.146** (0.0696)
Years of EC in total, excluding	- Italy	0.00428*** (0.000495)	0.00382*** (0.000495)	0.00392*** (0.000497)	0.0199*** (0.00215)	0.0180*** (0.00215)	0.0178*** (0.00216)
	- Sweden	0.00433*** (0.000516)	0.00388*** (0.000517)	0.00389*** (0.000520)	0.0187*** (0.00221)	0.0170*** (0.00221)	0.0164*** (0.00222)
EQUALITY OVER FREEDOM *							
EC in IY, excluding	- Italy	-0.232** (0.1000)	-0.217** (0.101)	-0.217** (0.101)	-0.471** (0.184)	-0.438** (0.187)	-0.438** (0.187)
	- Sweden	-0.232** (0.1000)	-0.217** (0.101)	-0.217** (0.101)	-0.471** (0.184)	-0.438** (0.187)	-0.438** (0.187)

Familiarism: alternative control group [◀ BACK](#)

Table E2. The effects of exposure to communism (EC) in impressionable years (IY) on familiaristic attitudes using alternative control country groups.

	Extensive Margin						Intensive Margin					
	GENERAL			PARTICULAR			GENERAL			PARTICULAR		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE												
EC in IY, excluding - Italy	0.0628*** (0.00608)	0.0631*** (0.00608)	0.0630*** (0.00608)	0.0364*** (0.00806)	0.0360*** (0.00806)	0.0356*** (0.00807)	0.154*** (0.0129)	0.155*** (0.0129)	0.154*** (0.0129)	0.0857*** (0.0178)	0.0845*** (0.0178)	0.0804*** (0.0178)
- Sweden	0.0595*** (0.00619)	0.0599*** (0.00618)	0.0601*** (0.00619)	0.0316*** (0.00845)	0.0312*** (0.00844)	0.0307*** (0.00845)	0.148*** (0.0132)	0.149*** (0.0132)	0.149*** (0.0132)	0.0689*** (0.0184)	0.0679*** (0.0184)	0.0638*** (0.0184)
DOWNWARDS CARE												
EC in IY, excluding - Italy	0.0478*** (0.00730)	0.0479*** (0.00730)	0.0500*** (0.00730)	0.0353*** (0.00760)	0.0350*** (0.00760)	0.0331*** (0.00760)	0.123*** (0.0153)	0.124*** (0.0153)	0.128*** (0.0153)	0.0706*** (0.0170)	0.0700*** (0.0170)	0.0654*** (0.0170)
- Sweden	0.0438*** (0.00748)	0.0438*** (0.00748)	0.0457*** (0.00749)	0.0293*** (0.00774)	0.0290*** (0.00774)	0.0267*** (0.00774)	0.108*** (0.0157)	0.109*** (0.0157)	0.113*** (0.0157)	0.0583*** (0.0175)	0.0576*** (0.0175)	0.0520*** (0.0175)
UPWARDS MONEY												
EC in IY, excluding - Italy	0.0387*** (0.00697)	0.0391*** (0.00696)	0.0376*** (0.00696)	0.0154*** (0.00569)	0.0151*** (0.00569)	0.0162*** (0.00569)	0.109*** (0.0140)	0.109*** (0.0140)	0.106*** (0.0139)	0.0484** (0.0195)	0.0462** (0.0194)	0.0489** (0.0194)
- Sweden	0.0364*** (0.00716)	0.0367*** (0.00715)	0.0357*** (0.00715)	0.0107* (0.00598)	0.0106* (0.00598)	0.0116* (0.00598)	0.102*** (0.0144)	0.103*** (0.0144)	0.101*** (0.0144)	0.0230 (0.0204)	0.0213 (0.0203)	0.0240 (0.0203)
DOWNWARDS MONEY												
EC in IY, excluding - Italy	0.0529*** (0.00719)	0.0533*** (0.00720)	0.0533*** (0.00720)	0.0128** (0.00525)	0.0126** (0.00525)	0.0133** (0.00525)	0.123*** (0.0139)	0.124*** (0.0139)	0.125*** (0.0139)	0.0349* (0.0185)	0.0325* (0.0185)	0.0350* (0.0185)
- Sweden	0.0567*** (0.00732)	0.0570*** (0.00732)	0.0568*** (0.00733)	0.0103* (0.00543)	0.0102* (0.00543)	0.0108** (0.00543)	0.129*** (0.0142)	0.129*** (0.0142)	0.130*** (0.0142)	0.0195 (0.0191)	0.0170 (0.0191)	0.0197 (0.0191)
Demographic controls	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Income controls	no	no	yes	no	no	yes	no	no	yes	no	no	yes
Education controls	no	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes
Country effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Year effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Cohort effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3). Notes: IY - an impressionable years. Particular familiarism: upwards care - "children should

# Social preferences: propensity score matching ◀ BACK

## Table J1. Average treatment effect

	Extensive Margin		Intensive Margin	
	(1)	(2)	(1)	(2)
INCOME EQUALITY				
EC IMP	-0.0576316 (0.0099343)	-0.0408426 (0.0107512)	-0.538324 (0.0845202)	-0.4572473 (0.075982)
z-test	-5.80***	-3.80***	-6.37***	-6.02***
LEFT-WING				
EC IMP	0.0791387 (0.0103927)	0.0599137 (0.021754)	0.0559445 (0.0446092)	0.1052834 (0.0973395)
z-test	7.62***	2.75***	1.25	1.08
EQUALITY OVER FREEDOM				
EC IMP	-0.1158102 (0.03466551)	-0.4995824 (0.0374445)	-0.1613233 (0.06885366)	-0.9353518 (0.074442)
z-test	-0.33	-13.34***	-0.23	-12.56***

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3) Notes: Propensity score generated using dummy for being over thirty years old and NUTS-2 regional rate of employees or the self-employed in farmer and fishery occupations, byear, and (2) NUTS-2 regional rate

# Social preferences: Eastern vs Western Germany

[◀ BACK](#)

Table K1. Estimation results for social attitudes in Eastern and Western Germany.

	Extensive Margin			Intensive Margin		
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY						
EC in an	-0.0971**	-0.105**	-0.109***	-0.277	-0.327	-0.357*
impressible year	(0.0423)	(0.0422)	(0.0421)	(0.217)	(0.215)	(0.214)
Years of EC	0.00645***	0.00610***	0.00643***	0.0332***	0.0312***	0.0330***
in total	(0.00120)	(0.00120)	(0.00119)	(0.00614)	(0.00609)	(0.00608)
GENERALIZED TRUST (WVS)						
EC in an	-0.120***	-0.112**	-0.105**	-	-	-
impressible year	(0.0454)	(0.0451)	(0.0441)	-	-	-
Years of EC	-0.000830	-0.000695	-0.00129	-	-	-
in total	(0.00128)	(0.00128)	(0.00125)	-	-	-
LEFT WING						
EC in an	-0.0424	-0.0438	-0.0322	-0.347**	-0.341**	-0.283*
impressible year	(0.0427)	(0.0428)	(0.0426)	(0.170)	(0.170)	(0.167)
Years of EC	0.00553***	0.00539***	0.00506***	0.0262***	0.0256***	0.0233***
in total	(0.00123)	(0.00123)	(0.00122)	(0.00487)	(0.00488)	(0.00477)
Demographic controls	yes	yes	yes	yes	yes	yes
Income controls	no	yes	yes	no	yes	yes
Education controls	no	no	yes	no	no	yes
Country effects	yes	yes	yes	yes	yes	yes
Year effects	yes	yes	yes	yes	yes	yes
Cohort effects	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on WVS waves 2-5 (release 2015\_04\_18). Notes: Attitudes on: income

## Familiarism: Eastern vs Western Germany

◀ BACK

Table K2. Estimation results for familiaristic attitudes in Eastern and Western Germany.

	Extensive Margin						Intensive Margin					
	GENERAL			PARTICULAR			GENERAL			PARTICULAR		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE												
EC in an	0.00520	0.00991	0.00955	0.0721	0.0843	0.0859	0.0630	0.0681	0.0658	0.189	0.216	0.215
Impressionable year	(0.0463)	(0.0462)	(0.0463)	(0.0895)	(0.0899)	(0.0888)	(0.0871)	(0.0869)	(0.0869)	(0.179)	(0.176)	(0.176)
Years of EC	0.00135	0.00142	0.00146	-0.00238	-0.00254	-0.00252	0.000248	0.000483	0.000612	-0.00709	-0.00750	-0.00749
in total	(0.00125)	(0.00125)	(0.00125)	(0.00249)	(0.00247)	(0.00247)	(0.00237)	(0.00237)	(0.00237)	(0.00495)	(0.00488)	(0.00488)
DOWNWARDS CARE												
EC in an	0.121**	0.120**	0.117**	-0.00176	-5.31e-05	-0.00896	0.150	0.145	0.142	-0.0838	-0.0738	-0.0900
Impressionable year	(0.0501)	(0.0501)	(0.0500)	(0.103)	(0.103)	(0.103)	(0.0940)	(0.0942)	(0.0942)	(0.234)	(0.234)	(0.234)
Years of EC	-0.00202	-0.00207	-0.00195	-0.00323	-0.00332	-0.00292	-0.00292	-0.00291	-0.00270	-0.00454	-0.00497	-0.00425
in total	(0.00134)	(0.00134)	(0.00134)	(0.00284)	(0.00285)	(0.00284)	(0.00257)	(0.00257)	(0.00257)	(0.00657)	(0.00657)	(0.00656)
UPWARDS MONEY												
EC in an	0.0691	0.0746	0.0750	-0.0147	-0.0140	-0.0119	0.0685	0.0820	0.0828	0.405**	0.435***	0.436***
Impressionable year	(0.0549)	(0.0548)	(0.0547)	(0.0210)	(0.0212)	(0.0210)	(0.0986)	(0.0979)	(0.0976)	(0.167)	(0.164)	(0.164)
Years of EC	-0.00239	-0.00233	-0.00237	-0.000427	-0.000316	-0.000318	-0.00321	-0.00307	-0.00321	-0.0193***	-0.0191***	-0.0192***
in total	(0.00152)	(0.00151)	(0.00151)	(0.000699)	(0.000698)	(0.000694)	(0.00271)	(0.00270)	(0.00269)	(0.00463)	(0.00457)	(0.00456)
DOWNWARDS MONEY												
EC in an	0.0974*	0.100*	0.0971*	-0.0283	-0.0225	-0.0186	0.0851	0.0910	0.0859	0.487**	0.523**	0.519**
Impressionable year	(0.0528)	(0.0528)	(0.0528)	(0.0527)	(0.0533)	(0.0532)	(0.0922)	(0.0920)	(0.0920)	(0.209)	(0.207)	(0.207)
Years of EC	-0.00108	-0.00109	-0.00106	-0.000859	-0.000732	-0.000753	-0.000467	-0.000476	-0.000449	-0.0244***	-0.0244***	-0.0241***
in total	(0.00144)	(0.00143)	(0.00143)	(0.00152)	(0.00153)	(0.00153)	(0.00252)	(0.00252)	(0.00252)	(0.00586)	(0.00581)	(0.00581)
Demographic controls	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Income controls	no	no	yes	no	no	yes	no	no	yes	no	no	yes
Education controls	no	yes	yes	no	yes	yes	no	yes	yes	no	yes	yes
Country & cohort FE	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3). Notes: Particular familiarism: upwards care = "children should take responsibility for caring

# Social preferences: intensive margin of EC IMP [◀ BACK](#)

Table C3. Linear effects of EC in impressionable years and in total on social attitudes.

	Extensive Margin			Intensive Margin		
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY						
Years of EC in impressionable years	-0.00235 (0.00200)	-0.00314 (0.00198)	-0.00353* (0.00198)	-0.0215* (0.0114)	-0.0263** (0.0113)	-0.0291** (0.0113)
Years of EC in total	0.00405*** (0.000465)	0.00343*** (0.000464)	0.00387*** (0.000464)	0.0272*** (0.00262)	0.0237*** (0.00261)	0.0264*** (0.00261)
Lincom t-test	1.03	0.18	0.21	0.61	-0.28	-0.30
LEFT WING						
Years of EC in impressionable years	-0.00600** (0.00240)	-0.00697*** (0.00240)	-0.00714*** (0.00240)	-0.0318*** (0.0108)	-0.0353*** (0.0107)	-0.0347*** (0.0108)
Years of EC in total	0.00470*** (0.000554)	0.00429*** (0.000554)	0.00438*** (0.000555)	0.0223*** (0.00246)	0.0206*** (0.00246)	0.0204*** (0.00247)
Lincom t-test	-0.66	-1.37	-1.41	-1.08	-1.67*	-1.64
EQUALITY OVER FREEDOM <sup>a</sup>						
Years of EC in impressionable years	-0.00235 (0.00200)	-0.00314 (0.00198)	-0.00353* (0.00198)	-0.0384** (0.0187)	-0.0370** (0.0186)	-0.0370** (0.0186)
Years of EC in total	0.00405*** (0.000465)	0.00343*** (0.000464)	0.00387*** (0.000464)	0.0186** (0.00797)	0.0202** (0.00808)	0.0202** (0.00808)
Lincom t-test	-0.97	-0.89	-0.89	-0.96	-0.81	-0.81
Demographic controls	yes	yes	yes	yes	yes	yes
Income controls	no	yes	yes	no	yes	yes
Education controls	no	no	yes	no	no	yes
Country effects	yes	yes	yes	yes	yes	yes
Year effects	yes	yes	yes	yes	yes	yes
Cohort effects	yes	yes	yes	yes	yes	yes

Familiarism: intensive margin if EC IMP [◀ BACK](#)

Table C4. Linear effects of EC in impressionable years and in total on familiaristic attitudes.

	Extensive Margin					Intensive Margin				
	GENERAL		PARTICULAR			GENERAL		PARTICULAR		
	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(3)
UPWARDS CARE										
Years of EC in impressionable years	0.00987*** (0.00109)	0.00997*** (0.00109)	0.00993*** (0.00109)	0.00652*** (0.00138)	0.00654*** (0.00138)	0.00652*** (0.00138)	0.0265*** (0.00236)	0.0267*** (0.00236)	0.0160*** (0.00309)	0.0155*** (0.00310)
Years of EC in total	0.000367 (0.000260)	0.000576** (0.000260)	0.000567** (0.000260)	-0.00250*** (0.000354)	-0.00224*** (0.000354)	-0.00224*** (0.000354)	-0.000718 (0.000567)	-0.000274 (0.000567)	-0.00461*** (0.000795)	-0.00379*** (0.000796)
Lincom t-test	11.44***	11.79***	11.71***	3.59***	3.84***	3.81***	13.33***	13.67***	13.52***	4.94***
DOWNWARDS CARE										
Years of EC in impressionable years	0.00796*** (0.00124)	0.00796*** (0.00124)	0.00840*** (0.00124)	0.00297** (0.00131)	0.00296** (0.00131)	0.00278** (0.00131)	0.0210*** (0.00269)	0.0209*** (0.00269)	0.00573* (0.00301)	0.00571* (0.00301)
Years of EC in total	-0.00283*** (0.000290)	-0.00289*** (0.000291)	-0.00303*** (0.000292)	-0.00231*** (0.000327)	-0.00228*** (0.000327)	-0.00220*** (0.000327)	-0.00867*** (0.000629)	-0.00886*** (0.000629)	-0.00916*** (0.000630)	-0.00619*** (0.000759)
Lincom t-test	5.07***	5.00***	5.29***	0.62	0.64	0.54	5.57***	5.47***	-0.18	-0.16
UPWARDS MONEY										
Years of EC in impressionable years	0.00887*** (0.00126)	0.00906*** (0.00126)	0.00865*** (0.00126)	0.00183* (0.00102)	0.00187* (0.00102)	0.00214** (0.00102)	0.0251*** (0.00267)	0.0255*** (0.00266)	0.00642* (0.00352)	0.00661* (0.00351)
Years of EC in total	-0.00084*** (0.000312)	-0.000489 (0.000312)	-0.000425 (0.000312)	-0.00228*** (0.000267)	-0.00202*** (0.000267)	-0.00210*** (0.000267)	-0.00182*** (0.000647)	-0.00107* (0.000646)	-0.000981 (0.000645)	-0.00820*** (0.000917)
Lincom t-test	7.75***	8.29***	7.94***	-0.55	-0.18	0.05	10.65***	11.18***	10.79***	-0.62
DOWNWARDS MONEY										
Years of EC in impressionable years	0.00861*** (0.00123)	0.00868*** (0.00123)	0.00871*** (0.00123)	0.00231** (0.000970)	0.00236** (0.000970)	0.00250** (0.000972)	0.0180*** (0.00245)	0.0182*** (0.00245)	0.00652* (0.00336)	0.00668** (0.00335)
Years of EC in total	-0.00331*** (0.000296)	-0.00318*** (0.000297)	-0.00322*** (0.000297)	-0.00318*** (0.000267)	-0.00300*** (0.000267)	-0.00306*** (0.000266)	-0.00731*** (0.000583)	-0.00707*** (0.000584)	-0.0115*** (0.000892)	-0.0103*** (0.000890)
Lincom t-test	5.31***	5.51***	5.49***	-1.12	-0.82	-0.72	5.39***	5.56***	5.65***	-1.84
Demographic controls	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Income controls	no	no	yes	no	no	yes	no	no	yes	yes
Education controls	no	yes	yes	no	yes	yes	yes	yes	no	yes
Country effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Year effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Cohort effects	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

Source: Authors' own estimations based on GGS wave 1 (release 4.2) and 2 (release 1.3). Notes: EC - exposure to communism. Particular familiarism: upwards care - "children should



## Social preferences: gender differences

◀ BACK

		Extensive Margin			Intensive Margin		
		(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY							
EC in impressinable year	- women	-0.00954 (0.0154)	-0.00547 (0.0153)	0.000926 (0.0153)	-0.0137 (0.0895)	0.0112 (0.0890)	0.0537 (0.0888)
	- men	-0.0423*** (0.0163)	-0.0468*** (0.0162)	-0.0510*** (0.0162)	-0.231** (0.0943)	-0.262*** (0.0935)	-0.292*** (0.0933)
Years of EC in total	- women	0.00335*** (0.000464)	0.00262*** (0.000464)	0.00310*** (0.000464)	0.0236*** (0.00265)	0.0193*** (0.00264)	0.0223*** (0.00263)
	- men	0.00466*** (0.000493)	0.00408*** (0.000490)	0.00458*** (0.000490)	0.0279*** (0.00279)	0.0246*** (0.00278)	0.0277*** (0.00277)
LEFT WING							
EC in impressinable year	- women	0.0246 (0.0193)	0.0303 (0.0193)	0.0319* (0.0193)	0.131 (0.0816)	0.149* (0.0813)	0.143* (0.0813)
	- men	-0.0331* (0.0200)	-0.0374* (0.0199)	-0.0394** (0.0200)	-0.179** (0.0885)	-0.193** (0.0883)	-0.191** (0.0884)
Years of EC in total	- women	0.00382*** (0.000572)	0.00332*** (0.000573)	0.00341*** (0.000575)	0.0167*** (0.00246)	0.0146*** (0.00246)	0.0143*** (0.00247)
	- men	0.00468*** (0.000588)	0.00423*** (0.000588)	0.00434*** (0.000589)	0.0232*** (0.00262)	0.0214*** (0.00262)	0.0213*** (0.00263)
EQUALITY OVER FREEDOM *							
EC in impressinable year	- women	0.279** (0.120)	0.258** (0.124)	0.258** (0.124)	0.538** (0.216)	0.489** (0.222)	0.489** (0.222)
	- men	-0.163 (0.160)	-0.157 (0.156)	-0.157 (0.156)	-0.382 (0.301)	-0.376 (0.302)	-0.376 (0.302)
Years of EC in total	- women	0.00779** (0.00392)	0.00825** (0.00397)	0.00825** (0.00397)	0.0189** (0.00746)	0.0203*** (0.00755)	0.0203*** (0.00755)
	- men	0.00949** (0.00399)	0.0100** (0.00404)	0.0100** (0.00404)	0.0231*** (0.00757)	0.0246*** (0.00768)	0.0246*** (0.00768)

## Familiarism: gender differences

◀ BACK

Table D2. Gender heterogeneity exposure to communism (EC) effects for familiaristic attitudes.

		Extensive Margin						Intensive Margin					
		GENERAL			PARTICULAR			GENERAL			PARTICULAR		
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE													
EC in IV	-women	0.0482*** (0.0101)	0.0494*** (0.0100)	0.0499*** (0.00934)	0.0438*** (0.00692)	0.0447*** (0.00674)	0.0428*** (0.00668)	0.111*** (0.0213)	0.114*** (0.0210)	0.114*** (0.0204)	0.113*** (0.0208)	0.116*** (0.0204)	0.112*** (0.0209)
	-men	0.0402*** (0.0129)	0.0414*** (0.0128)	0.0389*** (0.0122)	0.0265* (0.0118)	0.0277** (0.0116)	0.0251* (0.0114)	0.103*** (0.0267)	0.106*** (0.0263)	0.0995*** (0.0244)	0.0602** (0.0207)	0.0639*** (0.0205)	0.0615*** (0.0210)
Years of EC in total	-women	0.00198** (0.000778)	0.00219** (0.000746)	0.00147** (0.000629)	-0.00200*** (0.000489)	-0.00174*** (0.000499)	-0.00175*** (0.000534)	0.00372* (0.00174)	0.00417** (0.00170)	0.00273 (0.00153)	-0.00378** (0.00118)	-0.00297** (0.00117)	-0.00209 (0.00116)
	-men	0.000496 (0.000596)	0.000689 (0.000564)	0.00147** (0.000649)	-0.00194** (0.000663)	-0.00173** (0.000655)	-0.00162** (0.000641)	0.000252 (0.00151)	0.000669 (0.00145)	0.00025 (0.00159)	-0.00246 (0.00144)	-0.00181 (0.00137)	-0.00233 (0.00140)
DOWNWARDS CARE													
EC in IV	-women	0.0108 (0.0152)	0.0107 (0.0150)	0.0102 (0.0140)	0.0396*** (0.00956)	0.0394*** (0.00941)	0.0353*** (0.0101)	0.0144 (0.0371)	0.0137 (0.0367)	0.0126 (0.0353)	0.0848*** (0.0246)	0.0844*** (0.0240)	0.0754** (0.0257)
	-men	0.00414 (0.0127)	0.00402 (0.0127)	-0.000519 (0.0117)	0.0501** (0.0147)	0.0502** (0.0144)	0.0426*** (0.0120)	0.0291 (0.0252)	0.0285 (0.0252)	0.0192 (0.0235)	0.107** (0.0352)	0.107** (0.0344)	0.0905** (0.0296)
Years of EC in total	-women	-0.000476 (0.000649)	-0.000521 (0.000671)	-0.00118 (0.000657)	-0.00174*** (0.000511)	-0.00169*** (0.000544)	-0.00239*** (0.000554)	-0.00253 (0.00148)	-0.00267 (0.00151)	-0.00402** (0.00150)	-0.00512*** (0.00111)	-0.00501*** (0.00119)	-0.00636*** (0.00109)
	-men	-0.00178** (0.000553)	-0.00182** (0.000572)	-0.00112* (0.000570)	-0.00370*** (0.000482)	-0.00368*** (0.000525)	-0.00610*** (0.000476)	-0.00634*** (0.00114)	-0.00483*** (0.00118)	-0.00925*** (0.00119)	-0.00920*** (0.00096)	-0.00920*** (0.000983)	-0.00700*** (0.000784)
UPWARDS MONEY													
EC in IV	-women	0.0282*** (0.00685)	0.0303*** (0.00664)	0.0308*** (0.00688)	0.0267** (0.00835)	0.0278*** (0.00842)	0.0276*** (0.00830)	0.0740*** (0.0191)	0.0782*** (0.0188)	0.0936*** (0.0205)	0.0936*** (0.0342)	0.0984*** (0.0336)	0.0973*** (0.0336)
	-men	0.0259 (0.0158)	0.0279 (0.0156)	0.0271* (0.0146)	0.03075 (0.00489)	0.030489 (0.00482)	0.03053 (0.00478)	0.0763* (0.0380)	0.0804* (0.0373)	0.0786* (0.0351)	0.0756 (0.0290)	0.0141 (0.0295)	0.0106 (0.0301)
Years of EC in total	-women	0.000993 (0.000721)	0.00133* (0.000694)	0.000713 (0.000585)	-0.00242*** (0.000581)	-0.00218*** (0.000555)	-0.00230*** (0.000525)	0.00291 (0.00161)	0.00362** (0.00155)	0.00234 (0.00136)	-0.00866** (0.00315)	-0.00723** (0.00301)	-0.00713** (0.00280)
	-men	-0.000357 (0.000638)	-2.89e-05 (0.000620)	0.000652 (0.000708)	-0.00194** (0.000614)	-0.00172** (0.000576)	-0.00162** (0.000576)	8.13e-05 (0.00164)	0.000766 (0.00158)	0.00211 (0.00175)	-0.00628* (0.00291)	-0.00504* (0.00273)	-0.00511 (0.00298)
DOWNWARDS MONEY													
EC in IV	-women	0.0218 (0.0176)	0.0228 (0.0176)	0.0218 (0.0176)	0.0169** (0.00626)	0.0176** (0.00634)	0.0172** (0.00632)	0.0397 (0.0409)	0.0415 (0.0406)	0.0398 (0.0404)	0.0778*** (0.0201)	0.0817*** (0.0190)	0.0797*** (0.0194)
	-men	0.0169 (0.0188)	0.0177 (0.0188)	0.0126 (0.0181)	0.00388 (0.00521)	0.00462 (0.00516)	0.00312 (0.00502)	0.0428 (0.0332)	0.0442 (0.0332)	0.0342 (0.0317)	0.00528 (0.0201)	0.0101 (0.0206)	0.00521 (0.0186)

Familiarism concerning care: cohort differences [◀ BACK](#)

Table D5a. Cohort heterogeneity in the effects of exposure to communism (EC) in impressionable years (IY) for familiarism (support with care).

		Extensive Margin						Intensive Margin					
		GENERAL			PARTICULAR			GENERAL			PARTICULAR		
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE													
EC in IY	- 1970-79	0.00629 (0.00958)	0.00702 (0.00958)	0.00720 (0.00954)	5.48e-05 (0.00673)	0.000909 (0.00663)	-5.82e-06 (0.00675)	0.0271 (0.0199)	0.0288 (0.0196)	0.0289 (0.0194)	-0.0139 (0.0242)	-0.0111 (0.0243)	-0.0130 (0.0240)
	- 1960-69	0.0336 (0.0357)	0.0301 (0.0358)	0.0316 (0.0353)	0.0186 (0.0538)	0.0118 (0.0548)	0.00913 (0.0575)	0.0379 (0.0756)	0.0313 (0.0751)	0.0337 (0.0737)	0.0660 (0.106)	0.0452 (0.107)	0.0385 (0.110)
	- 1950-59	0.0727 (0.0520)	0.0744 (0.0519)	0.0749 (0.0516)	0.0429 (0.0484)	0.0382 (0.0496)	0.0303 (0.0489)	0.196** (0.0836)	0.201** (0.0829)	0.199** (0.0840)	0.202** (0.0828)	0.189* (0.0882)	0.175* (0.0921)
	- 1940-49	0.157** (0.0661)	0.158** (0.0679)	0.153** (0.0660)	-0.0192 (0.0395)	-0.0224 (0.0392)	-0.0268 (0.0402)	0.231** (0.101)	0.234** (0.105)	0.216* (0.103)	0.0336 (0.131)	0.0245 (0.129)	0.0190 (0.135)
	- 1930-39	0.172*** (0.0253)	0.177*** (0.0247)	0.170*** (0.0240)	0.0286 (0.0470)	0.0305 (0.0461)	0.0323 (0.0461)	0.323*** (0.0583)	0.336*** (0.0572)	0.317*** (0.0572)	0.118 (0.111)	0.126 (0.110)	0.142 (0.118)
	- 1910-29	0.217* (0.106)	0.227** (0.102)	0.222** (0.0982)	-0.0665* (0.0342)	-0.0470 (0.0287)	-0.0398 (0.0264)	0.408 (0.250)	0.430 (0.243)	0.413 (0.236)	-0.168 (0.209)	-0.105 (0.195)	-0.0994 (0.201)
DOWNWARDS CARE													
EC in IY	- 1970-79	-0.00382 (0.0145)	-0.00427 (0.0145)	-0.00579 (0.0149)	-0.00266 (0.00901)	-0.00256 (0.00890)	-0.00355 (0.00892)	-0.0346 (0.0250)	-0.0356 (0.0254)	-0.0390 (0.0264)	-0.0154 (0.0178)	-0.0154 (0.0174)	-0.0183 (0.0174)
	- 1960-69	0.0212 (0.0264)	0.0228 (0.0270)	0.0232 (0.0251)	0.0480 (0.0457)	0.0462 (0.0467)	0.0370 (0.0482)	0.103 (0.0883)	0.108 (0.0883)	0.111 (0.0823)	0.125 (0.102)	0.121 (0.105)	0.100 (0.107)
	- 1950-59	0.0754 (0.0684)	0.0753 (0.0686)	0.0688 (0.0684)	0.0613 (0.0359)	0.0587 (0.0360)	0.0484 (0.0304)	0.373** (0.119)	0.373** (0.120)	0.359** (0.125)	0.188** (0.0625)	0.182** (0.0624)	0.161** (0.0529)
	- 1940-49	0.0930 (0.0970)	0.0940 (0.0971)	0.0968 (0.0971)	0.0174 (0.0381)	0.0145 (0.0381)	0.0185 (0.0435)	0.196 (0.277)	0.198 (0.278)	0.203 (0.282)	0.0889 (0.0990)	0.0835 (0.0976)	0.100 (0.118)
	- 1930-39	0.0871 (0.0730)	0.0873 (0.0736)	0.0907 (0.0711)	-0.0309 (0.0616)	-0.0336 (0.0610)	-0.0204 (0.0607)	0.134 (0.196)	0.134 (0.198)	0.139 (0.195)	-0.0238 (0.138)	-0.0282 (0.135)	0.0143 (0.138)
	- 1910-29	0.127 (0.0800)	0.124 (0.0818)	0.138 (0.0768)	-0.0959 (0.0673)	-0.0942 (0.0721)	-0.0573 (0.0961)	0.277 (0.263)	0.269 (0.267)	0.295 (0.259)	-0.282** (0.0996)	-0.277** (0.109)	-0.188 (0.174)

Familiarism concerning money: cohort differences [◀ BACK](#)

Table D5b. Cohort heterogeneity in the effects of exposure to communism (EC) in impressionable years (IV) for familiarism (support with money).

		Extensive Margin					Intensive Margin						
		GENERAL			PARTICULAR		GENERAL			PARTICULAR			
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS MONEY													
EC in IV	- 1970-79	-0.000942 (0.0109)	0.000746 (0.0111)	0.00206 (0.0110)	-0.00956 (0.00769)	-0.00859 (0.00746)	-0.00929 (0.00761)	0.00198 (0.0211)	0.00556 (0.0214)	0.00817 (0.0210)	-0.0756** (0.0256)	-0.0699** (0.0245)	-0.0728** (0.0249)
	- 1960-69	-0.00295 (0.0326)	-0.0105 (0.0323)	-0.00721 (0.0305)	0.0279 (0.0264)	0.0224 (0.0264)	0.0217 (0.0263)	-0.00999 (0.0653)	-0.0261 (0.0646)	-0.0173 (0.0634)	0.0996 (0.102)	0.0632 (0.0989)	0.0613 (0.0974)
	- 1950-59	0.120** (0.0443)	0.122** (0.0443)	0.129** (0.0437)	0.0958*** (0.0237)	0.0937*** (0.0252)	0.0913*** (0.0250)	0.257** (0.0961)	0.261** (0.0956)	0.273** (0.0947)	0.407*** (0.121)	0.388** (0.124)	0.381** (0.123)
	- 1940-49	0.00295 (0.0474)	0.00585 (0.0478)	-0.00197 (0.0477)	0.00249 (0.0508)	0.00318 (0.0505)	0.00543 (0.0504)	0.102 (0.106)	0.106 (0.107)	0.0798 (0.106)	0.118 (0.216)	0.113 (0.212)	0.128 (0.212)
	- 1930-39	0.0246 (0.0386)	0.0342 (0.0366)	0.0226 (0.0357)	0.000620 (0.0488)	0.00614 (0.0480)	0.00950 (0.0486)	0.108 (0.0757)	0.127 (0.0732)	0.0916 (0.0695)	0.0225 (0.197)	0.0462 (0.190)	0.0700 (0.192)
	- 1910-29	0.0514 (0.0637)	0.0696 (0.0591)	0.0571 (0.0595)	-0.0331 (0.0493)	-0.0140 (0.0464)	-0.00497 (0.0426)	0.212* (0.113)	0.249** (0.108)	0.212* (0.106)	-0.256 (0.284)	-0.145 (0.260)	-0.114 (0.249)
DOWNWARDS MONEY													
EC in IV	- 1970-79	-0.0225* (0.0108)	-0.0222* (0.0107)	-0.0226* (0.0109)	-0.00775 (0.00461)	-0.00706 (0.00436)	-0.00744 (0.00448)	-0.0397 (0.0259)	-0.0392 (0.0256)	-0.0402 (0.0265)	-0.0450* (0.0206)	-0.0402* (0.0202)	-0.0426* (0.0196)
	- 1960-69	0.0337 (0.0533)	0.0327 (0.0530)	0.0323 (0.0538)	-0.00600 (0.0160)	-0.00964 (0.0158)	-0.0104 (0.0159)	0.0910 (0.108)	0.0896 (0.108)	0.0888 (0.107)	0.0174 (0.0859)	-0.0125 (0.0829)	-0.0153 (0.0818)
	- 1950-59	0.0440 (0.105)	0.0462 (0.104)	0.0420 (0.106)	0.0871*** (0.0225)	0.0856*** (0.0240)	0.0830*** (0.0239)	0.193 (0.193)	0.198 (0.192)	0.186 (0.194)	0.315*** (0.0964)	0.297** (0.0948)	0.285** (0.0974)
	- 1940-49	-0.0442 (0.0913)	-0.0409 (0.0912)	-0.0422 (0.0929)	-0.0181 (0.0463)	-0.0172 (0.0456)	-0.0185 (0.0456)	-0.0522 (0.223)	-0.0453 (0.223)	-0.0492 (0.227)	0.0551 (0.203)	0.0477 (0.199)	0.0511 (0.200)
	- 1930-39	0.0205 (0.0898)	0.0257 (0.0893)	0.0218 (0.0865)	-0.0182 (0.0598)	-0.0141 (0.0587)	-0.0149 (0.0590)	0.0357 (0.173)	0.0457 (0.173)	0.0371 (0.168)	-0.0869 (0.200)	-0.0707 (0.195)	-0.0591 (0.195)
	- 1910-29	0.0719 (0.125)	0.0790 (0.125)	0.0853 (0.115)	-0.0460 (0.0293)	-0.0320 (0.0294)	-0.0259 (0.0280)	0.177 (0.265)	0.190 (0.265)	0.205 (0.245)	-0.348 (0.218)	-0.255 (0.195)	-0.227 (0.190)

## Social preferences: country differences ◀ BACK

	Extensive Margin			Intensive Margin		
	(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY						
EC in impressionable year - Russia	0.00129 (0.0309)	0.0111 (0.0309)	0.0176 (0.0309)	0.00672 (0.191)	0.0585 (0.190)	0.0931 (0.191)
- Germany	-0.0440 (0.0419)	-0.0519 (0.0419)	-0.0465 (0.0418)	-0.0634 (0.234)	-0.113 (0.233)	-0.0828 (0.232)
- Poland	-0.00902 (0.0453)	-0.0170 (0.0451)	-0.0260 (0.0450)	0.105 (0.272)	0.0530 (0.271)	-0.000566 (0.272)
- uprisings	0.0692* (0.0382)	0.0723* (0.0379)	0.0479 (0.0377)	0.314 (0.224)	0.333 (0.222)	0.185 (0.221)
- former USSR	0.0493 (0.0337)	0.0347 (0.0336)	0.0184 (0.0336)	0.216 (0.204)	0.127 (0.204)	0.0224 (0.203)
- Baltic countries	-0.0416 (0.0371)	-0.0156 (0.0368)	0.000125 (0.0368)	-0.101 (0.210)	0.0445 (0.208)	0.129 (0.207)
LEFT WING						
EC in impressionable year - Russia	0.0184 (0.0457)	0.0175 (0.0457)	0.0199 (0.0456)	0.0103 (0.193)	0.0139 (0.193)	0.0146 (0.193)
- Germany	0.0675 (0.0455)	0.0650 (0.0454)	0.0648 (0.0454)	0.342* (0.194)	0.331* (0.193)	0.338* (0.193)
- Poland	-0.0331 (0.0551)	-0.0382 (0.0551)	-0.0406 (0.0552)	0.249 (0.246)	0.227 (0.245)	0.243 (0.245)
- uprisings	0.0521 (0.0458)	0.0551 (0.0455)	0.0510 (0.0455)	0.212 (0.194)	0.224 (0.193)	0.236 (0.193)
- former USSR	0.0463 (0.0420)	0.0384 (0.0418)	0.0350 (0.0418)	0.414** (0.194)	0.379** (0.193)	0.392** (0.193)
- Baltic countries	-0.0284 (0.0462)	-0.00749 (0.0460)	-0.00492 (0.0460)	0.0287 (0.194)	0.124 (0.193)	0.122 (0.193)
EQUALITY OVER FREEDOM *						
EC in impressionable year - Russia	-0.413*** (0.0926)	-0.391*** (0.0966)	-0.401*** (0.0948)	-0.733*** (0.176)	-0.666*** (0.182)	-0.688*** (0.178)
- uprising	-0.169 (0.119)	-0.159 (0.120)	-0.160 (0.121)	-0.334 (0.218)	-0.309 (0.222)	-0.312 (0.224)

Familiarism concerning care: country differences ◀ BACK

Table D11a. Country heterogeneity in the effects of exposure to communism (EC) in impressionable years (IY) for familiarism (support with care).

		Extensive Margin						Intensive Margin					
		GENERAL			PARTICULAR			GENERAL			PARTICULAR		
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE													
EC in IY	- Russia	-0.00921** (0.00369)	-0.00750* (0.00378)	-0.00694 (0.00439)	-0.00126 (0.00403)	0.00112 (0.00405)	0.00735* (0.00382)	-0.0293 (0.0229)	-0.0258 (0.0233)	-0.0231 (0.0243)	0.0231 (0.0172)	0.0305 (0.0171)	0.0378* (0.0199)
	- Germany	-0.0824*** (0.0101)	-0.0763*** (0.00998)	-0.0803*** (0.00961)	0.00356 (0.0164)	0.0105 (0.0173)	0.0117 (0.0181)	-0.115* (0.0594)	-0.102 (0.0578)	-0.110* (0.0575)	-0.00264 (0.0152)	0.0207 (0.0128)	0.0307* (0.0157)
	- Poland	0.00293 (0.0148)	0.00581 (0.0152)	0.00816 (0.0147)	0.00722 (0.00806)	0.0109 (0.00785)	0.00963 (0.00792)	-0.00517 (0.0189)	0.000557 (0.0193)	0.00351 (0.0179)	-0.0370 (0.0212)	-0.0255 (0.0204)	-0.0255 (0.0194)
	- uprising	-0.0432 (0.0266)	-0.0414 (0.0264)	-0.0423 (0.0247)	0.0127 (0.0123)	0.0152 (0.0130)	0.0184 (0.0134)	-0.0892 (0.0546)	-0.0858 (0.0538)	-0.0887 (0.0506)	-0.00911 (0.0196)	-0.00182 (0.0219)	0.0123 (0.0253)
	- former USSR	0.0370*** (0.00533)	0.0395*** (0.00545)	0.0381*** (0.00489)	0.0262*** (0.00451)	0.0299*** (0.00501)	0.0275*** (0.00635)	0.0907*** (0.0238)	0.0951*** (0.0236)	0.0891*** (0.0239)	0.00505 (0.0228)	0.0162 (0.0231)	0.0184 (0.0306)
	- Baltic	0.0341* (0.0176)	0.0346* (0.0173)	0.0350* (0.0175)	-0.0577*** (0.00908)	-0.0574*** (0.00822)	-0.0568*** (0.00806)	0.0555 (0.0464)	0.0565 (0.0456)	0.0578 (0.0455)	-0.0814** (0.0255)	-0.0804*** (0.0228)	-0.0859*** (0.0254)
DOWNWARDS CARE													
EC in IY	- Russia	-0.0729** (0.0235)	-0.0736** (0.0236)	-0.0682** (0.0227)	-0.0337** (0.0116)	-0.0331** (0.0116)	-0.0232* (0.0121)	-0.169** (0.0552)	-0.171** (0.0551)	-0.159** (0.0540)	-0.0444 (0.0381)	-0.0431 (0.0380)	-0.0218 (0.0385)
	- Germany	0.0159 (0.0211)	0.0136 (0.0209)	0.0125 (0.0196)	-0.00824 (0.0108)	-0.00628 (0.0120)	-0.00487 (0.0145)	-0.00863 (0.0653)	-0.0155 (0.0646)	-0.0193 (0.0610)	-0.0378* (0.0200)	-0.0332 (0.0250)	-0.0267 (0.0321)
	- Poland	0.0239 (0.0136)	0.0229 (0.0138)	0.0195 (0.0129)	0.00183 (0.0130)	0.00267 (0.0134)	0.00440 (0.0149)	0.0741** (0.0309)	0.0711** (0.0310)	0.0630* (0.0308)	0.0257 (0.0238)	0.0278 (0.0254)	0.0337 (0.0294)
	- uprising	-0.0604* (0.0280)	-0.0606* (0.0280)	-0.0645** (0.0275)	-0.00109 (0.0129)	-0.000100 (0.0133)	0.00919 (0.0159)	-0.170* (0.0893)	-0.171* (0.0894)	-0.180* (0.0881)	-0.0950** (0.0335)	-0.0926** (0.0351)	-0.0676 (0.0417)
	- former USSR	0.0456 (0.0259)	0.0453 (0.0259)	0.0423 (0.0244)	0.0181* (0.0101)	0.0189* (0.0103)	0.0205 (0.0135)	0.138** (0.0455)	0.136** (0.0451)	0.127** (0.0410)	-0.00240 (0.0177)	-0.000191 (0.0193)	0.00846 (0.0293)
	- Baltic	-0.0746* (0.0359)	-0.0747* (0.0363)	-0.0699* (0.0350)	-0.0345** (0.0133)	-0.0346** (0.0131)	-0.0366** (0.0129)	-0.182** (0.0766)	-0.182** (0.0773)	-0.171** (0.0748)	-0.0948*** (0.0295)	-0.0949*** (0.0294)	-0.102*** (0.0309)

# Familiarism concerning money: country differences

[← BACK](#)

Table D11b. Country heterogeneity in the effects of exposure to communism (EC) in impressionable years (IY) for familiarism (support with money).

		Extensive Margin					Intensive Margin							
		GENERAL			PARTICULAR		GENERAL			PARTICULAR				
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	
UPWARDS MONEY														
EC in IY	- Russia	-0.0323 (0.0235)	-0.0298 (0.0232)	-0.0329 (0.0237)	0.00386 (0.00996)	0.00579 (0.0101)	0.00827 (0.00981)	-0.0630 (0.0436)	-0.0575 (0.0430)	-0.0630 (0.0437)	0.0676 (0.0377)	0.0798* (0.0375)	0.0869** (0.0365)	
	- Germany	-0.0281* (0.0135)	-0.0181 (0.0132)	-0.0225 (0.0127)	-0.0421** (0.0143)	-0.0375** (0.0151)	-0.0401** (0.0161)	-0.0950 (0.0550)	-0.0736 (0.0531)	-0.0870 (0.0543)	0.350*** (0.0640)	0.382*** (0.0652)	0.380*** (0.0675)	
	- Poland	-0.0176 (0.0162)	-0.0133 (0.0167)	-0.00914 (0.0169)	0.00282 (0.0101)	0.00596 (0.0101)	0.00451 (0.0102)	-0.0168 (0.0176)	-0.00743 (0.0178)	-0.000324 (0.0162)	-0.00456 (0.0432)	0.0147 (0.0423)	0.0108 (0.0400)	
	- uprising	-0.0709*** (0.0218)	-0.0685** (0.0214)	-0.0707*** (0.0195)	-0.00543 (0.00771)	-0.00368 (0.00795)	-0.00324 (0.00842)	-0.130* (0.0614)	-0.124* (0.0605)	-0.132** (0.0564)	0.0439 (0.0427)	0.0555 (0.0406)	0.0616 (0.0401)	
	- former USSR	0.0173 (0.00951)	0.0210* (0.00996)	0.0175 (0.0111)	-0.0137 (0.0131)	-0.0108 (0.0131)	-0.0105 (0.0130)	0.0777*** (0.0224)	0.0856*** (0.0224)	0.0740*** (0.0223)	-0.106** (0.0460)	-0.0878* (0.0445)	-0.0838* (0.0425)	
	- Baltic	-0.00891 (0.0169)	-0.00811 (0.0161)	-0.0103 (0.0163)	-0.000134 (0.0216)	0.000362 (0.0207)	0.00199 (0.0203)	-0.0270 (0.0360)	-0.0255 (0.0343)	-0.0288 (0.0340)	0.0134 (0.0697)	0.0158 (0.0645)	0.0176 (0.0647)	
	DOWNWARDS MONEY													
	EC in IY	- Russia	-0.0445*** (0.00861)	-0.0438*** (0.00889)	-0.0386*** (0.00942)	0.00778 (0.0170)	0.00908 (0.0171)	0.0111 (0.0168)	-0.102** (0.0378)	-0.101** (0.0383)	-0.0900** (0.0384)	0.0492 (0.0406)	0.0594 (0.0415)	0.0677 (0.0411)
		- Germany	-0.0445** (0.0163)	-0.0408** (0.0150)	-0.0394** (0.0143)	-0.0230 (0.0230)	-0.0198 (0.0237)	-0.0225 (0.0243)	-0.154*** (0.0377)	-0.148*** (0.0355)	-0.148*** (0.0332)	0.575*** (0.0269)	0.604*** (0.0276)	0.599*** (0.0306)
		- Poland	0.0375** (0.0145)	0.0389** (0.0139)	0.0395** (0.0142)	-0.00813 (0.0135)	-0.00566 (0.0135)	-0.00690 (0.0136)	0.0550* (0.0282)	0.0576* (0.0271)	0.0561* (0.0282)	-0.0300 (0.0323)	-0.0126 (0.0319)	-0.0183 (0.0300)
- uprising		-0.00494 (0.0342)	-0.00458 (0.0340)	-0.00659 (0.0347)	0.00227 (0.00880)	0.00370 (0.00898)	0.00251 (0.00886)	-0.0379 (0.0367)	-0.0372 (0.0360)	-0.0450 (0.0382)	0.0664 (0.0442)	0.0770 (0.0429)	0.0772* (0.0418)	
- former USSR		0.0640*** (0.0126)	0.0654*** (0.0119)	0.0599*** (0.0128)	-0.0146 (0.0146)	-0.0125 (0.0146)	-0.0132 (0.0143)	0.130*** (0.0252)	0.133*** (0.0244)	0.120*** (0.0269)	-0.0657 (0.0372)	-0.0504 (0.0364)	-0.0503 (0.0342)	
- Baltic		-0.118** (0.0403)	-0.118** (0.0401)	-0.115** (0.0385)	0.00615 (0.0280)	0.00655 (0.0273)	0.00809 (0.0269)	-0.264*** (0.0801)	-0.263*** (0.0798)	-0.255*** (0.0778)	0.0538 (0.0695)	0.0555 (0.0652)	0.0596 (0.0651)	

## Social preferences: regional differences

◀ BACK

		Extensive Margin			Intensive Margin		
		(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY							
EC in impressinable year	- urban	0.0104 (0.0320)	-0.00893 (0.0319)	-0.00688 (0.0318)	0.200 (0.195)	0.0864 (0.194)	0.101 (0.193)
	- rural	0.0481** (0.0240)	0.0330 (0.0239)	0.0340 (0.0239)	0.444*** (0.147)	0.356** (0.147)	0.362** (0.147)
fears of EC in total	- urban	0.00384*** (0.000834)	0.00406*** (0.000830)	0.00335*** (0.000829)	0.0266*** (0.00509)	0.0279*** (0.00506)	0.0236*** (0.00505)
	- rural	0.00145** (0.000634)	0.00198*** (0.000633)	0.00177*** (0.000633)	0.0121*** (0.00389)	0.0153*** (0.00389)	0.0141*** (0.00389)
LEFT WING							
EC in impressinable year	- urban	0.0378 (0.0438)	0.0303 (0.0437)	0.0300 (0.0437)	0.200 (0.195)	0.172 (0.194)	0.177 (0.194)
	- rural	0.0357 (0.0341)	0.0322 (0.0340)	0.0322 (0.0340)	0.217 (0.152)	0.209 (0.152)	0.213 (0.152)
fears of EC in total	- urban	0.000776 (0.00114)	0.000960 (0.00114)	0.000844 (0.00114)	0.00190 (0.00511)	0.00297 (0.00510)	0.00340 (0.00511)
	- rural	0.000839 (0.000890)	0.00123 (0.000890)	0.00120 (0.000890)	0.00113 (0.00393)	0.00293 (0.00393)	0.00307 (0.00393)
EQUALITY OVER FREEDOM *							
EC in impressinable year	- urban	0.0647 (0.203)	0.0521 (0.201)	0.0462 (0.200)	0.0104 (0.388)	-0.00850 (0.385)	-0.0214 (0.384)
	- rural	-0.231** (0.0999)	-0.217** (0.101)	-0.219** (0.102)	-0.470** (0.184)	-0.439** (0.186)	-0.444** (0.188)



## Familiarism: regional differences

← BACK

Table D8. Region heterogeneity exposure to communism (EC) effects for familiaristic attitudes.

		Extensive Margin						Intensive Margin					
		GENERAL			PARTICULAR			GENERAL			PARTICULAR		
		(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)	(1)	(2)	(3)
UPWARDS CARE													
EC in IY	- urban	0.0851*** (0.0120)	0.0857*** (0.0121)	0.0866*** (0.0120)	0.0187 (0.0140)	0.0186 (0.0145)	0.0164 (0.0133)	0.192*** (0.0228)	0.193*** (0.0226)	0.194*** (0.0227)	0.0319 (0.0374)	0.0314 (0.0391)	0.0171 (0.0358)
	- rural	0.0569*** (0.0144)	0.0571*** (0.0144)	0.0571*** (0.0140)	0.0405*** (0.0113)	0.0399*** (0.0113)	0.0393*** (0.0112)	0.144*** (0.0341)	0.145*** (0.0339)	0.144*** (0.0332)	0.0992*** (0.0263)	0.0975*** (0.0263)	0.0940*** (0.0262)
Years of EC in total	- urban	0.000427 (0.000760)	0.000704 (0.000722)	0.000627 (0.000704)	-0.000688 (0.000570)	-0.000336 (0.000584)	-0.000287 (0.000558)	0.000227 (0.00177)	0.000817 (0.00170)	0.000646 (0.00164)	-0.000128 (0.00143)	0.000966 (0.00142)	0.00180 (0.00127)
	- rural	0.00101 (0.000781)	0.00122 (0.000738)	0.00115 (0.000737)	-0.00239*** (0.000677)	-0.00212** (0.000674)	-0.00207** (0.000681)	0.00123 (0.00191)	0.00167 (0.00185)	0.00155 (0.00186)	-0.00423** (0.00156)	-0.00339* (0.00151)	-0.00312* (0.00148)
DOWNWARDS CARE													
EC in IY	- urban	0.0654*** (0.0198)	0.0656*** (0.0197)	0.0695*** (0.0198)	0.0490** (0.0172)	0.0488** (0.0172)	0.0463** (0.0180)	0.157** (0.0508)	0.157** (0.0505)	0.165** (0.0511)	0.0829* (0.0378)	0.0826* (0.0378)	0.0744* (0.0411)
	- rural	0.0418** (0.0170)	0.0420** (0.0170)	0.0438** (0.0164)	0.0309** (0.0124)	0.0305** (0.0125)	0.0291** (0.0124)	0.112** (0.0446)	0.112** (0.0446)	0.116** (0.0435)	0.0663** (0.0245)	0.0656** (0.0248)	0.0625** (0.0248)
Years of EC in total	- urban	-0.00254** (0.000827)	-0.00263** (0.000845)	-0.00298** (0.000811)	-0.00263*** (0.000505)	-0.00259*** (0.000492)	-0.00256*** (0.000522)	-0.00755*** (0.00189)	-0.00780*** (0.00191)	-0.00856*** (0.00189)	-0.00653*** (0.00103)	-0.00643*** (0.000974)	-0.00616*** (0.00109)
	- rural	-0.00228** (0.000677)	-0.00234*** (0.000696)	-0.00242** (0.000697)	-0.00251*** (0.000602)	-0.00247*** (0.000639)	-0.00247*** (0.000634)	-0.00735*** (0.00150)	-0.00744*** (0.00154)	-0.00761*** (0.00152)	-0.00674*** (0.00107)	-0.00666*** (0.00114)	-0.00662*** (0.00113)
UPWARDS MONEY													
EC in IY	- urban	0.0627*** (0.0103)	0.0633*** (0.00968)	0.0621*** (0.0103)	0.00466 (0.0147)	0.00451 (0.0143)	0.00616 (0.0143)	0.158*** (0.0195)	0.159*** (0.0186)	0.157*** (0.0188)	0.0111 (0.0487)	0.00971 (0.0464)	0.00990 (0.0465)
	- rural	0.0323* (0.0148)	0.0326* (0.0145)	0.0313* (0.0147)	0.0181* (0.00804)	0.0177* (0.00797)	0.0187** (0.00784)	0.0959** (0.0370)	0.0962** (0.0362)	0.0933** (0.0365)	0.0567* (0.0301)	0.0537 (0.0296)	0.0556* (0.0293)
Years of EC in total	- urban	-0.000878 (0.000498)	-0.000409 (0.000507)	-0.000318 (0.000552)	-0.00171* (0.000823)	-0.00137 (0.000781)	-0.00150* (0.000767)	-0.000675 (0.00118)	0.000322 (0.00113)	0.000403 (0.00118)	-0.00523 (0.00315)	-0.00323 (0.00291)	-0.00327 (0.00287)
	- rural	0.000272 (0.000625)	0.000632 (0.000599)	0.000579 (0.000621)	-0.00243*** (0.000567)	-0.00217*** (0.000537)	-0.00219*** (0.000524)	0.00105 (0.00151)	0.00181 (0.00145)	0.00167 (0.00150)	-0.00880*** (0.00263)	-0.00727** (0.00242)	-0.00724** (0.00239)
DOWNWARDS MONEY													
EC in IY	- urban	0.0591 (0.0331)	0.0594 (0.0332)	0.0615* (0.0326)	0.00278 (0.00793)	0.00268 (0.00762)	0.00403 (0.00758)	0.138* (0.0660)	0.138* (0.0661)	0.145** (0.0655)	-0.00456 (0.0412)	-0.00611 (0.0388)	-0.00462 (0.0390)
	- rural	0.0509** (0.0227)	0.0513** (0.0227)	0.0513** (0.0220)	0.0153** (0.00562)	0.0150** (0.00562)	0.0154** (0.00532)	0.118** (0.0523)	0.119** (0.0524)	0.120** (0.0512)	0.0434 (0.0240)	0.0402 (0.0236)	0.0416 (0.0230)

Social preferences: historical differences [◀ BACK](#)

		Extensive Margin			Intensive Margin		
		(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY							
EC in impressinable year - Russian		0.0305 (0.0253)	0.0281 (0.0252)	0.0188 (0.0251)	0.0883 (0.152)	0.0676 (0.151)	0.000615 (0.151)
- Prussian		-0.0282 (0.0386)	-0.0341 (0.0386)	-0.0317 (0.0385)	-0.0310 (0.218)	-0.0668 (0.217)	-0.0542 (0.217)
- Habsburg		0.0662* (0.0358)	0.0711** (0.0356)	0.0466 (0.0355)	0.299 (0.210)	0.330 (0.209)	0.181 (0.208)
Years of EC in total	- Russian	-0.00192** (0.000813)	-0.00160** (0.000808)	-0.000951 (0.000810)	-0.00776 (0.00492)	-0.00589 (0.00489)	-0.00155 (0.00490)
	- Prussian	0.000729 (0.00117)	0.00149 (0.00118)	0.00150 (0.00117)	0.00293 (0.00673)	0.00741 (0.00672)	0.00763 (0.00672)
	- Habsburg	-0.00234** (0.00119)	-0.00186 (0.00118)	-0.000862 (0.00118)	-0.0104 (0.00710)	-0.00780 (0.00707)	-0.00182 (0.00705)
LEFT WING							
EC in impressinable year - Russian		0.0577* (0.0317)	0.0569* (0.0315)	0.0547* (0.0316)	0.371*** (0.143)	0.371*** (0.142)	0.376*** (0.143)
- Prussian		0.0786* (0.0419)	0.0779* (0.0419)	0.0773* (0.0419)	0.343* (0.178)	0.340* (0.178)	0.344* (0.178)
- Habsburg		0.0674 (0.0430)	0.0721* (0.0429)	0.0681 (0.0429)	0.195 (0.181)	0.213 (0.180)	0.221 (0.180)
Years of EC in total	- Russian	-0.00293*** (0.000990)	-0.00268*** (0.000986)	-0.00255** (0.000990)	-0.0212*** (0.00474)	-0.0201*** (0.00471)	-0.0202*** (0.00473)
	- Prussian	-0.00182 (0.00129)	-0.00136 (0.00129)	-0.00134 (0.00129)	-0.0163*** (0.00572)	-0.0143** (0.00570)	-0.0143** (0.00570)
	- Habsburg	0.000800 (0.00142)	0.00115 (0.00142)	0.00131 (0.00142)	0.00166 (0.00623)	0.00326 (0.00621)	0.00284 (0.00623)

Social preferences: religious differences [◀ BACK](#)

		Extensive Margin			Intensive Margin		
		(1)	(2)	(3)	(1)	(2)	(3)
INCOME EQUALITY							
EC in impressinable year - orthodox		-0.0132 (0.0139)	-0.0182 (0.0138)	-0.0234* (0.0138)	-0.117 (0.0804)	-0.151* (0.0797)	-0.189** (0.0796)
- catholic		0.00803 (0.0282)	0.00553 (0.0281)	-0.0125 (0.0281)	0.130 (0.167)	0.115 (0.167)	0.00958 (0.167)
- protestant		-0.0889** (0.0356)	-0.0980*** (0.0357)	-0.0880** (0.0356)	-0.301 (0.190)	-0.356* (0.189)	-0.296 (0.189)
Years of EC in total	- orthodox	0.00383*** (0.000444)	0.00302*** (0.000443)	0.00362*** (0.000445)	0.0247*** (0.00251)	0.0200*** (0.00250)	0.0237*** (0.00251)
	- catholic	0.00357*** (0.00105)	0.00237** (0.00105)	0.00345*** (0.00105)	0.0142** (0.00614)	0.00711 (0.00613)	0.0134** (0.00612)
	- protestant	0.00604*** (0.00101)	0.00568*** (0.00101)	0.00570*** (0.00101)	0.0323*** (0.00537)	0.0304*** (0.00536)	0.0304*** (0.00535)
LEFT WING							
EC in impressinable year - orthodox		-0.0259 (0.0175)	-0.0311* (0.0175)	-0.0330* (0.0175)	-0.0940 (0.0752)	-0.111 (0.0749)	-0.109 (0.0750)
- catholic		-0.100*** (0.0345)	-0.104*** (0.0346)	-0.108*** (0.0346)	-0.413*** (0.150)	-0.423*** (0.150)	-0.409*** (0.151)
- protestant		-0.000822 (0.0367)	-0.00692 (0.0367)	-0.00653 (0.0368)	-0.107 (0.148)	-0.129 (0.148)	-0.125 (0.148)
Years of EC in total	- orthodox	0.00363*** (0.000545)	0.00310*** (0.000545)	0.00323*** (0.000548)	0.0193*** (0.00241)	0.0172*** (0.00240)	0.0169*** (0.00242)
	- catholic	0.00556*** (0.00127)	0.00473*** (0.00127)	0.00494*** (0.00127)	0.0246*** (0.00551)	0.0211*** (0.00551)	0.0205*** (0.00553)
	- protestant	0.00405*** (0.00105)	0.00368*** (0.00105)	0.00370*** (0.00105)	0.0184*** (0.00423)	0.0169*** (0.00423)	0.0167*** (0.00422)