Did Exposure to Communism Spur Pro-Social Behaviour?

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NBER Summer Institute
Political Economy

July 16, 2019

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**' separately from other life periods using DiD strategy. We **compare the differential EC in several Eastern European countries using Western Europe as control**, adjusting for observables.

We find that EC during people's impressionable years *crowds out pro-social behaviours from public realm* due to reduced confidence in public institutions, increased patriarchy and religiosity, and crowding-in in private realm

Total exposure to communism is consitent with previous evidence

Research problem

Background question

Are individual's social preferences (and behaviours) endogenous to political regimes?

- The case of post-war Soviet communism
- Social preferences (oriented towards others)
- Unexplored pro-social behaviours towards family members (e.g., **familiarism**)
- Privilege 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**: youth and young adulthood)
- Preferences both in public and private realms, characterized respectively by equality and inequality according to Arendt (1958)
- Communist countries were characterized by **different institutions**, but it is unclear whether they persist after communism collapsed in terms of cultural persistence

Research question

- If political regimes had no effect on individual preferences, differences between post-communist and other countries would be absent, yet evidence so far suggests they are **persistent**
- The **effect of EC** is hard to predict:
  - people can turn strongly against collectivism (pro-social preferences) in the public realm and switch to stronger pro-social preferences in the private realm (crowding out)
  - people internalize that collectivism (pro-social preferences) in public life is essential (crowding in) due to inertia or indoctrination, and the role of family should remain weak

  Indoctrination effects result from state control over school, press, or state television
- These effects should be more important at **impressionable years** (ages 18-25)

Related literature: Preferences

Social formation of preferences

- Culture and institutions (Alesina and Guliano 2015; Butler and Fehr 2018; Shayo 2009)
  - Formal and informal institutions (Greif 2006; Schelling 2006)
  - Identity influences (Akerlof and Kranton 2010; Cooter 2000) survive the contemporanous 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; Sears and Funk 1999; Prior 2010; Pop-Eleches and Tucker 2011)

Related literature: Communism

Communism repercussions in theoretical and empirical literature

- Markets crowd out pro-social behaviours (Marx and Engels 1848; Sandel 2012)
  - Communism seems to have made impact (Basu et al. 2005; Tommaso et al. 2007; Shleifer and Treisman 2005) but evidence is not there (Shiller et al. 1992)
  - Egalitarian alternatives to markets bring welfare effects depending on specific country institutions and undelying incentives (Besley 2013)
- 'Wall in the head' theory and indoctrination effect (Corneo and Gruner 2002; Alesina et al. 2001; Alesina and Fuchs-Schündeln 2007)
- 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)
  - Strong family ties in less developed countries boost economic performance (Alesina and Guliano 2010)
  - 'Amoral familism' reduces generalized trust in society (Banfield 1967)
  - Too strong 'bonding' social capital can have dertimental 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: Two data sources

Generations and Gender Survey

GGS: 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

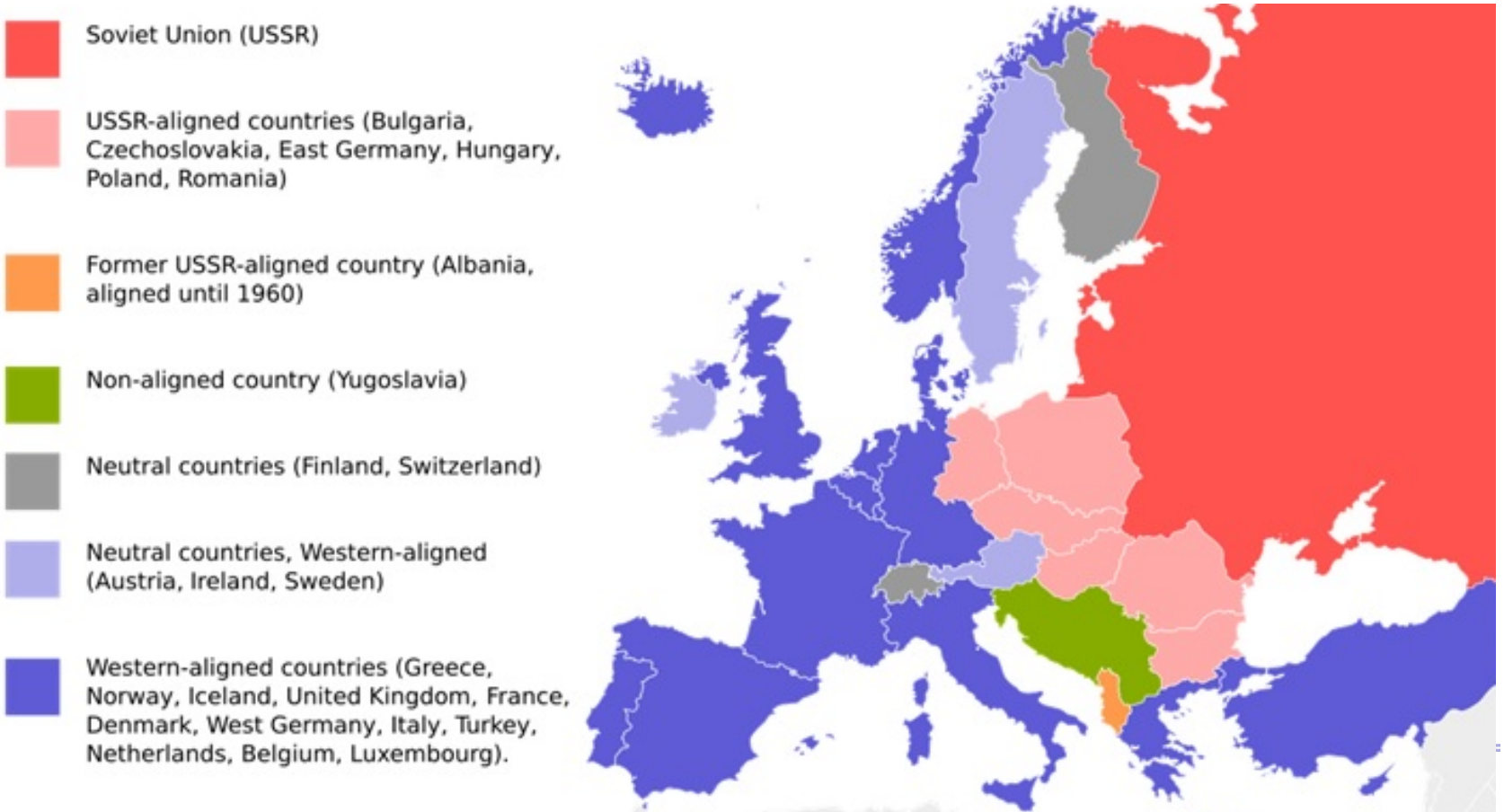
World Values Survey

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: Exogenous 'political regime' shock after the second world war

5 decades of communism in Europe allow for variation across cohorts



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

	Czech Republic		Estonia		Georgia		East Germany		West Germany		Hungary		Lithuania		Poland		Romania		Russia	
Birth cohort	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS	WVS	GGS
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

$$Y_{it}^{m} = \beta_0 + \beta_{g1} EC_{git}^{tot} + \beta_{g2} EC_{git}^{imp,n} + \beta_1 \sigma_t + \beta_1 \theta_g + \beta_2 c_{it} + \beta_3 X_{it} + \epsilon_{it}$$

- **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 familarism

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 subsitence level
- downwards care
  care for pre-school children
- downwards money
  financial support for younger people who have children below subsitence level

Public realm

Social attitudes

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

Results: Effects of EC in total for extensive margins of some 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***	0.0033***	0.0037***	-0.0020***	-0.0017***	-0.0017***
	(0.0004)	(0.0004)	(0.0004)	(0.0003)	(0.0003)	(0.0003)
	LEFT WING			PARTICULAR DOWNWARDS CARE		
EC TOT	0.0042***	0.0038***	0.0039***	-0.0025***	-0.0025***	-0.0024***
	(0.0005)	(0.0005)	(0.0005)	(0.0003)	(0.0003)	(0.0003)
	GENERALIZED TRUST			GENERAL DOWNWARDS CARE		
EC TOT	-0.0010**	-0.0006	-0.0010**	0.0023***	-0.0024***	-0.0025***
	(0.0004)	(0.0004)	(0.0004)	(0.0002)	(0.0002)	(0.0002)
	EQUALITY OVER FREEDOM			GENERAL DOWNWARDS MONEY		
EC TOT	0.00839**	0.00890**	0.00890**	-0.00282***	-0.00268***	-0.00271***
	(0.00386)	(0.00391)	(0.00391)	(0.000236)	(0.000237)	(0.000237)

Source: Authors' own estimations based onWVS 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:

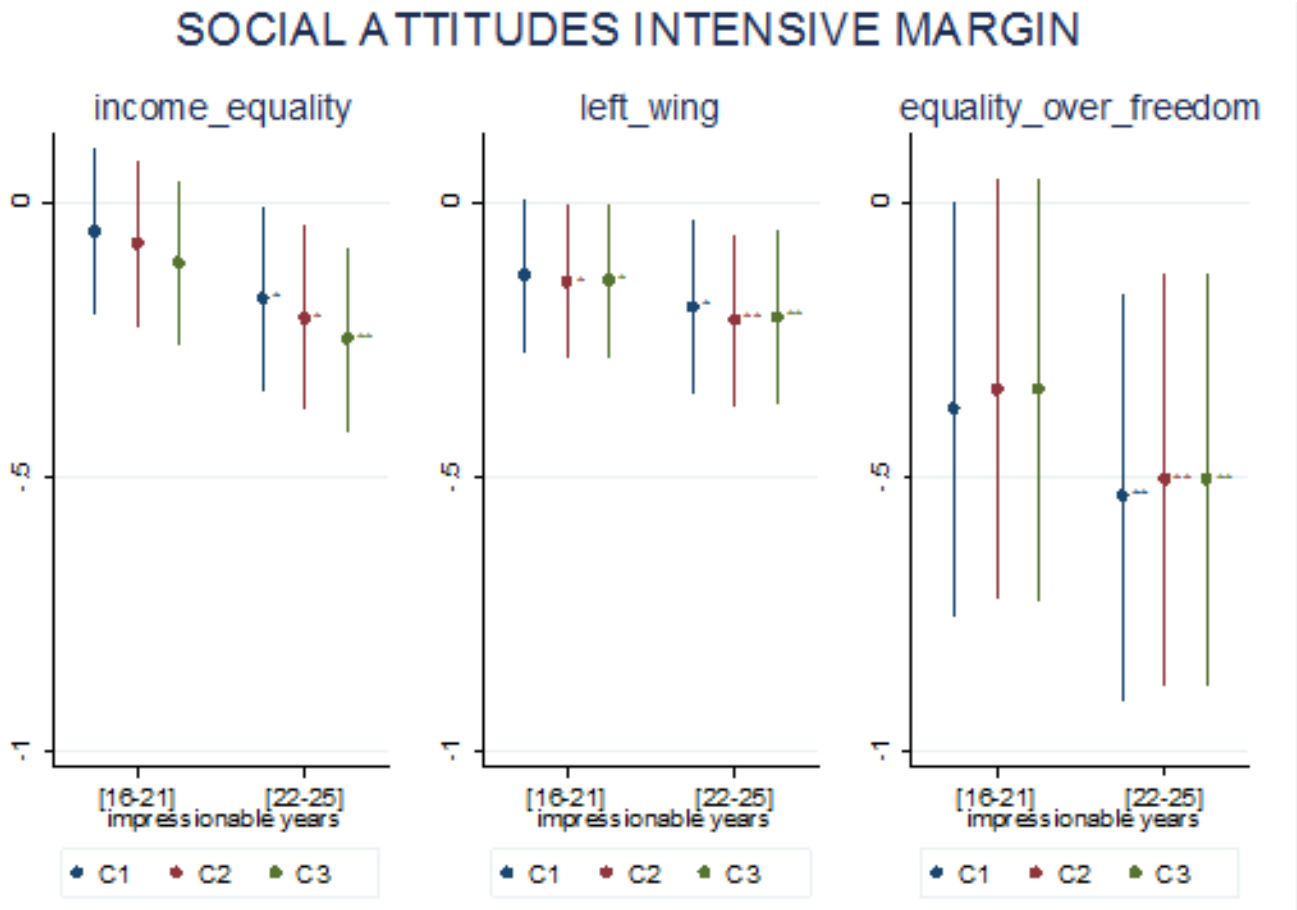
- alternative dates of **entry and exit to communism**
- experiences of **war and recession in impressionable years**
- **income** (with imputations for missing data) instead of ability to make ends meet
- alternative (1- and 10-year) **cohort grouping**
- **occupation**, also interacted with graduation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

Robustness checks

Effects usually remain when using:

- alernative control **groups**
- **panel fixed 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 onWVS waves 2-5 (release 2015_04_18)

Heterogeneity analysis

- demography
  - **crowding out of social perferences 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)

More mechanisms are studied in a paper '*Did Communism Affect Individual Behaviours?*' concerned with the impact of communism on a larger set of health and social behaviour outcomes being currently drafted by our team

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 army, 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 shaping 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

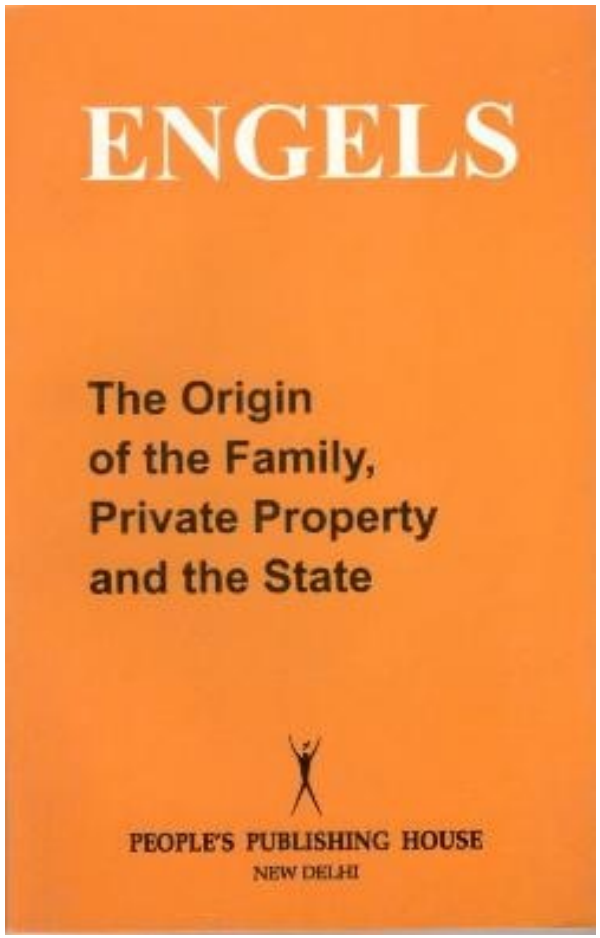
Contribution

- 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
  - Other social preferences using 'Life in transition' survey
- Institutions (such as education or health care systems) or culture
  - Migrants from communist to capitalist countries and second generation migrants might exert similarities to citizens of communist countries
  - Migrants from capitalist to post-communist countries might acquire preferences similar to those of citizens of communist countries
- External validity
  - Differences in communisms and other political regimes

So...


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Thank you for your attention

We are looking for your feedback

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***	-0.0692**	-0.0663**	-0.0591***	-0.0479**	-0.0391*
	(0.0286)	(0.0279)	(0.0279)	(0.0206)	(0.0203)	(0.0203)
EC TOT	-0.00225***	0.000625	0.000279	-0.00641***	-0.00488***	-0.00579***
	(0.000843)	(0.000824)	(0.000827)	(0.000673)	(0.000668)	(0.000667)
	INTENDED NUMBER OF CHILDREN			IMPORTANCE OF DEMOCRACY		
EC IMP	0.124***	0.125***	0.131***	0.0871	0.106	0.131*
	(0.0392)	(0.0392)	(0.0394)	(0.0743)	(0.0743)	(0.0740)
EC TOT	0.0307***	0.0298***	0.0290***	-0.0141***	-0.0128***	-0.0156***
	(0.00569)	(0.00564)	(0.00565)	(0.00229)	(0.00229)	(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	-0.00757***	-0.00875***	-0.00825***	-0.0361**	-0.0428***	-0.0399***
impressionable year	(0.00262)	(0.00260)	(0.00259)	(0.0142)	(0.0141)	(0.0141)
Years of EC	0.00524***	0.00471***	0.00491***	0.0307***	0.0276***	0.0288***
in total	(0.000597)	(0.000593)	(0.000592)	(0.00322)	(0.00320)	(0.00319)
	LEFT WING					
EC in an	-0.0107***	-0.0120***	-0.0120***	-0.0486***	-0.0532***	-0.0528***
impressionable year	(0.00295)	(0.00293)	(0.00293)	(0.0126)	(0.0126)	(0.0126)
Years of EC	0.00587***	0.00553***	0.00557***	0.0269***	0.0256***	0.0254***
in total	(0.000664)	(0.000663)	(0.000663)	(0.00283)	(0.00282)	(0.00282)
	EQUALITY OVER FREEDOM					
EC in an	0.0105	0.0107	0.0107	-0.0146	-0.0154	-0.0154
impressionable year	(0.0131)	(0.0131)	(0.0131)	(0.0250)	(0.0251)	(0.0251)
Years of EC	0.0230*	0.0210*	0.0210*	-0.0354	-0.0320	-0.0320
in total	(0.0122)	(0.0122)	(0.0122)	(0.0232)	(0.0232)	(0.0232)
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

Familarism: fixed communism entry and exit

BACK

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

	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	0.00845***	0.00850***	0.00854***	0.00631***	0.00633***	0.00638***	0.0249***	0.0249***	0.0249***	0.0162***	0.0162***	0.0156***
	(0.00133)	(0.00133)	(0.00133)	(0.00163)	(0.00163)	(0.00163)	(0.00287)	(0.00287)	(0.00287)	(0.00366)	(0.00366)	(0.00367)
Years of EC in total	0.000733**	0.000938***	0.000908***	-0.0026***	-0.0023***	-0.0023***	-0.000206	0.000257	0.000205	-0.00489***	-0.00398***	-0.00380***
	(0.000329)	(0.000329)	(0.000329)	(0.000423)	(0.000423)	(0.000424)	(0.000710)	(0.000710)	(0.000710)	(0.000959)	(0.000959)	(0.000960)
	DOWNWARDS CARE											
EC in an impressionable year	0.00905***	0.00908***	0.00944***	0.00384**	0.00389**	0.00362**	0.0252***	0.0252***	0.0259***	0.00670*	0.00679*	0.00595*
	(0.00147)	(0.00147)	(0.00147)	(0.00154)	(0.00154)	(0.00154)	(0.00325)	(0.00325)	(0.00325)	(0.00362)	(0.00362)	(0.00361)
Years of EC in total	-0.00316***	-0.00320***	-0.00330***	-0.0025***	-0.0024***	-0.0023***	-0.00979***	-0.00991***	-0.0101***	-0.00617***	-0.00605***	-0.00575***
	(0.000353)	(0.000353)	(0.000354)	(0.000400)	(0.000400)	(0.000400)	(0.000780)	(0.000780)	(0.000781)	(0.000943)	(0.000945)	(0.000944)
	UPWARDS MONEY											
EC in an impressionable year	0.0105***	0.0105***	0.0103***	0.00206*	0.00202*	0.00228*	0.0273***	0.0274***	0.0271***	0.00912**	0.00904**	0.00958**
	(0.00155)	(0.00154)	(0.00154)	(0.00122)	(0.00122)	(0.00122)	(0.00331)	(0.00330)	(0.00330)	(0.00426)	(0.00424)	(0.00424)
Years of EC in total	-0.00124***	-0.000859**	-0.000855**	-0.0023***	-0.0020***	-0.0021***	-0.00214***	-0.00135	-0.00140*	-0.00834***	-0.00685***	-0.00695***
	(0.000391)	(0.000391)	(0.000391)	(0.000321)	(0.000321)	(0.000321)	(0.000822)	(0.000821)	(0.000821)	(0.00112)	(0.00111)	(0.00111)
	DOWNWARDS MONEY											
EC in an impressionable year	0.0126***	0.0126***	0.0127***	0.00347***	0.00348***	0.00364***	0.0255***	0.0254***	0.0258***	0.0128***	0.0129***	0.0134***
	(0.00143)	(0.00143)	(0.00143)	(0.00111)	(0.00111)	(0.00111)	(0.00289)	(0.00289)	(0.00289)	(0.00392)	(0.00391)	(0.00391)
Years of EC in total	-0.00446***	-0.00426***	-0.00429***	-0.0034***	-0.0032***	-0.0032***	-0.00934***	-0.00900***	-0.00913***	-0.0125***	-0.0113***	-0.0115***
	(0.000357)	(0.000358)	(0.000358)	(0.000310)	(0.000310)	(0.000309)	(0.000710)	(0.000711)	(0.000711)	(0.00105)	(0.00105)	(0.00105)
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 for their parents when

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	-0.0133	-0.0176	-0.0229*	-0.0932	-0.121*	-0.157**
impressionable year	(0.0128)	(0.0127)	(0.0127)	(0.0730)	(0.0725)	(0.0724)
Years of EC	0.00388***	0.00323***	0.00372***	0.0250***	0.0212***	0.0242***
in total	(0.000409)	(0.000408)	(0.000409)	(0.00229)	(0.00228)	(0.00228)
	LEFT WING					
EC in an	-0.0289*	-0.0339**	-0.0357**	-0.157**	-0.173**	-0.169**
impressionable year	(0.0157)	(0.0156)	(0.0157)	(0.0678)	(0.0676)	(0.0676)
Years of EC	0.00421***	0.00375***	0.00384***	0.0195***	0.0176***	0.0173***
in total	(0.000491)	(0.000491)	(0.000493)	(0.00213)	(0.00213)	(0.00214)
	EQUALITY OVER FREEDOM					
EC in an	-0.232**	-0.217**	-0.217**	-0.471**	-0.438**	-0.438**
impressionable year	(0.100)	(0.101)	(0.101)	(0.184)	(0.187)	(0.187)
Years of EC	0.00852**	0.00902**	0.00902**	0.0203***	0.0217***	0.0217***
in total	(0.00394)	(0.00400)	(0.00400)	(0.00748)	(0.00760)	(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

Familarism: 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***
	(0.00400)	(0.00400)	(0.00401)	(0.00610)	(0.00609)	(0.00611)	(0.00851)	(0.00850)	(0.00852)	(0.0133)	(0.0133)	(0.0133)
Years of EC in total	0.00127***	0.00145***	0.00144***	-0.0020***	-0.0017***	-0.0017***	0.00234***	0.00272***	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***
	(0.00539)	(0.00539)	(0.00539)	(0.00549)	(0.00549)	(0.00550)	(0.0108)	(0.0108)	(0.0109)	(0.0120)	(0.0119)	(0.0120)
Years of EC 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***
	(0.00488)	(0.00487)	(0.00488)	(0.00414)	(0.00414)	(0.00414)	(0.00914)	(0.00913)	(0.00914)	(0.0140)	(0.0139)	(0.0140)
Years of EC 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**
	(0.00537)	(0.00537)	(0.00538)	(0.00377)	(0.00376)	(0.00377)	(0.00997)	(0.00997)	(0.00998)	(0.0136)	(0.0135)	(0.0135)
Years of EC 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	-0.0163	-0.0221*	-0.103	-0.129*	-0.168**
		(0.0129)	(0.0128)	(0.0128)	(0.0737)	(0.0732)	(0.0731)
	- Sweden	-0.0162	-0.0176	-0.0233*	-0.112	-0.122	-0.162**
		(0.0131)	(0.0130)	(0.0130)	(0.0752)	(0.0747)	(0.0746)
Years of EC in total, excluding	- Italy	0.00391***	0.00323***	0.00371***	0.0254***	0.0215***	0.0244***
		(0.000413)	(0.000412)	(0.000412)	(0.00231)	(0.00230)	(0.00230)
	- Sweden	0.00385***	0.00325***	0.00382***	0.0261***	0.0227***	0.0262***
		(0.000429)	(0.000429)	(0.000430)	(0.00241)	(0.00240)	(0.00240)
		LEFT WING					
EC in IY, excluding	- Italy	-0.0289*	-0.0343**	-0.0364**	-0.161**	-0.178***	-0.175**
		(0.0158)	(0.0158)	(0.0158)	(0.0684)	(0.0682)	(0.0683)
	- Sweden	-0.0330**	-0.0352**	-0.0362**	-0.145**	-0.150**	-0.146**
		(0.0162)	(0.0162)	(0.0162)	(0.0697)	(0.0696)	(0.0696)
Years of EC in total, excluding	- Italy	0.00428***	0.00382***	0.00392***	0.0199***	0.0180***	0.0178***
		(0.000495)	(0.000495)	(0.000497)	(0.00215)	(0.00215)	(0.00216)
	- Sweden	0.00433***	0.00388***	0.00389***	0.0187***	0.0170***	0.0164***
		(0.000516)	(0.000517)	(0.000520)	(0.00221)	(0.00221)	(0.00222)
		EQUALITY OVER FREEDOM [a]					
EC in IY, excluding	- Italy	-0.232**	-0.217**	-0.217**	-0.471**	-0.438**	-0.438**
		(0.1000)	(0.101)	(0.101)	(0.184)	(0.187)	(0.187)
	- Sweden	-0.232**	-0.217**	-0.217**	-0.471**	-0.438**	-0.438**
		(0.1000)	(0.101)	(0.101)	(0.184)	(0.187)	(0.187)

Familarism: 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***	0.0631***	0.0630***	0.0364***	0.0360***	0.0356***	0.154***	0.155***	0.154***	0.0857***	0.0845***	0.0804***
	(0.00608)	(0.00608)	(0.00608)	(0.00806)	(0.00806)	(0.00807)	(0.0129)	(0.0129)	(0.0129)	(0.0178)	(0.0178)	(0.0178)
- Sweden	0.0595***	0.0599***	0.0601***	0.0316***	0.0312***	0.0307***	0.148***	0.149***	0.149***	0.0689***	0.0679***	0.0638***
	(0.00619)	(0.00618)	(0.00619)	(0.00845)	(0.00844)	(0.00845)	(0.0132)	(0.0132)	(0.0132)	(0.0184)	(0.0184)	(0.0184)
	DOWNWARDS CARE											
EC in IY, excluding – Italy	0.0478***	0.0479***	0.0500***	0.0353***	0.0350***	0.0331***	0.123***	0.124***	0.128***	0.0706***	0.0700***	0.0654***
	(0.00730)	(0.00730)	(0.00730)	(0.00760)	(0.00760)	(0.00760)	(0.0153)	(0.0153)	(0.0153)	(0.0170)	(0.0170)	(0.0170)
- Sweden	0.0438***	0.0438***	0.0457***	0.0293***	0.0290***	0.0267***	0.108***	0.109***	0.113***	0.0583***	0.0576***	0.0520***
	(0.00748)	(0.00748)	(0.00749)	(0.00774)	(0.00774)	(0.00774)	(0.0157)	(0.0157)	(0.0157)	(0.0175)	(0.0175)	(0.0175)
	UPWARDS MONEY											
EC in IY, excluding - Italy	0.0387***	0.0391***	0.0376***	0.0154***	0.0151***	0.0162***	0.109***	0.109***	0.106***	0.0484**	0.0462**	0.0489**
	(0.00697)	(0.00696)	(0.00696)	(0.00569)	(0.00569)	(0.00569)	(0.0140)	(0.0140)	(0.0139)	(0.0195)	(0.0194)	(0.0194)
- Sweden	0.0364***	0.0367***	0.0357***	0.0107*	0.0106*	0.0116*	0.102***	0.103***	0.101***	0.0230	0.0213	0.0240
	(0.00716)	(0.00715)	(0.00715)	(0.00598)	(0.00598)	(0.00598)	(0.0144)	(0.0144)	(0.0144)	(0.0204)	(0.0203)	(0.0203)
	DOWNWARDS MONEY											
EC in IY, excluding - Italy	0.0529***	0.0533***	0.0533***	0.0128**	0.0126**	0.0133**	0.123***	0.124***	0.125***	0.0349*	0.0325*	0.0350*
	(0.00719)	(0.00720)	(0.00720)	(0.00525)	(0.00525)	(0.00525)	(0.0139)	(0.0139)	(0.0139)	(0.0185)	(0.0185)	(0.0185)
- Sweden	0.0567***	0.0570***	0.0568***	0.0103*	0.0102*	0.0108**	0.129***	0.129***	0.130***	0.0195	0.0170	0.0197
	(0.00732)	(0.00732)	(0.00733)	(0.00543)	(0.00543)	(0.00543)	(0.0142)	(0.0142)	(0.0142)	(0.0191)	(0.0191)	(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	-0.0408426	-0.538324	-0.4572473
	(0.0099343)	(0.0107512)	(0.0845202)	(0.075982)
z-test	-5.80***	-3.80***	-6.37***	-6.02***
			LEFT-WING	
EC IMP	0.0791387	0 .0599137	0.0559445	0. 1052834
	(0.0103927)	(0. 021754)	(0.0446092)	(0.0973395)
z-test	7.62***	2.75***	1.25	1.08
			EQUALITY OVER FREEDOM	
EC IMP	-0.1158102	-0.4995824	-0.1613233	-0.9353518
	(0.03466551)	(0.0374445)	(0.06885366)	(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*
impressionable 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**	-	-	-
impressionable 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*
impressionable 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

Familarism: 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 impressionable year	0.00520	0.00991	0.00955	0.0721	0.0843	0.0859	0.0630	0.0681	0.0658	0.189	0.216	0.215
	(0.0463)	(0.0462)	(0.0463)	(0.0895)	(0.0889)	(0.0888)	(0.0871)	(0.0869)	(0.0869)	(0.179)	(0.176)	(0.176)
Years of EC in total	0.00135	0.00142	0.00146	-0.00238	-0.00254	-0.00252	0.000248	0.000483	0.000612	-0.00709	-0.00750	-0.00749
	(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 impressionable year	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
	(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 in total	-0.00202	-0.00207	-0.00195	-0.00323	-0.00332	-0.00292	-0.00292	-0.00291	-0.00270	-0.00454	-0.00497	-0.00425
	(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 impressionable year	0.0691	0.0746	0.0750	-0.0147	-0.0140	-0.0119	0.0685	0.0820	0.0828	0.405**	0.435***	0.436***
	(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 in total	-0.00239	-0.00233	-0.00237	-0.000427	-0.000316	-0.000318	-0.00321	-0.00307	-0.00321	-0.0193***	-0.0191***	-0.0192***
	(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 impressionable year	0.0974*	0.100*	0.0971*	-0.0283	-0.0225	-0.0186	0.0851	0.0910	0.0859	0.487**	0.523**	0.519**
	(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 in total	-0.00108	-0.00109	-0.00106	-0.000859	-0.000732	-0.000753	-0.000467	-0.000476	-0.000449	-0.0244***	-0.0244***	-0.0241***
	(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	-0.00314	-0.00353*	-0.0215*	-0.0263**	-0.0291**
	(0.00200)	(0.00198)	(0.00198)	(0.0114)	(0.0113)	(0.0113)
Years of EC in total	0.00405***	0.00343***	0.00387***	0.0272***	0.0237***	0.0264***
	(0.000465)	(0.000464)	(0.000464)	(0.00262)	(0.00261)	(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**	-0.00697***	-0.00714***	-0.0318***	-0.0353***	-0.0347***
	(0.00240)	(0.00240)	(0.00240)	(0.0108)	(0.0107)	(0.0108)
Years of EC in total	0.00470***	0.00429***	0.00438***	0.0223***	0.0206***	0.0204***
	(0.000554)	(0.000554)	(0.000555)	(0.00246)	(0.00246)	(0.00247)
Lincom t-test	-0.66	-1.37	-1.41	-1.08	-1.67*	-1.64
			EQUALITY OVER FREEDOM [a]			
Years of EC in impressionable years	-0.00235	-0.00314	-0.00353*	-0.0384**	-0.0370**	-0.0370**
	(0.00200)	(0.00198)	(0.00198)	(0.0187)	(0.0186)	(0.0186)
Years of EC in total	0.00405***	0.00343***	0.00387***	0.0186**	0.0202**	0.0202**
	(0.000465)	(0.000464)	(0.000464)	(0.00797)	(0.00808)	(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

Familarism: 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)	(1)	(2)	(3)
	UPWARDS CARE											
Years of EC in impressionable years	0.00987***	0.00997***	0.00993***	0.00652***	0.00654***	0.00652***	0.0265***	0.0267***	0.0265***	0.0160***	0.0161***	0.0155***
	(0.00109)	(0.00109)	(0.00109)	(0.00138)	(0.00138)	(0.00138)	(0.00236)	(0.00236)	(0.00236)	(0.00309)	(0.00309)	(0.00310)
Years of EC in total	0.000367	0.000576**	0.000567**	-0.00250***	-0.00224***	-0.00224***	-0.000718	-0.000274	-0.000286	-0.00461***	-0.00379***	-0.00356***
	(0.000260)	(0.000260)	(0.000260)	(0.000354)	(0.000354)	(0.000354)	(0.000567)	(0.000567)	(0.000567)	(0.000795)	(0.000796)	(0.000797)
Lincom t-test	11.44***	11.79***	11.71***	3.59***	3.84***	3.81***	13.33***	13.67***	13.52***	4.57***	4.94***	4.78***
	DOWNWARDS CARE											
Years of EC in impressionable years	0.00796***	0.00796***	0.00840***	0.00297**	0.00296**	0.00278**	0.0210***	0.0209***	0.0219***	0.00573*	0.00571*	0.00531*
	(0.00124)	(0.00124)	(0.00124)	(0.00131)	(0.00131)	(0.00131)	(0.00269)	(0.00269)	(0.00269)	(0.00301)	(0.00301)	(0.00301)
Years of EC in total	-0.00283***	-0.00289***	-0.00303***	-0.00231***	-0.00228***	-0.00220***	-0.00867***	-0.00886***	-0.00916***	-0.00619***	-0.00611***	-0.00590***
	(0.000290)	(0.000291)	(0.000292)	(0.000327)	(0.000327)	(0.000327)	(0.000629)	(0.000629)	(0.000630)	(0.000759)	(0.000760)	(0.000761)
Lincom t-test	5.07***	5.00***	5.29***	0.62	0.64	0.54	5.57***	5.47***	5.74***	-0.18	-0.16	-0.24
	UPWARDS MONEY											
Years of EC in impressionable years	0.00887***	0.00906***	0.00865***	0.00183*	0.00187*	0.00214**	0.0251***	0.0255***	0.0246***	0.00642*	0.00661*	0.00737**
	(0.00126)	(0.00126)	(0.00126)	(0.00102)	(0.00102)	(0.00102)	(0.00267)	(0.00266)	(0.00267)	(0.00352)	(0.00351)	(0.00352)
Years of EC in total	-0.00084***	-0.000489	-0.000425	-0.00228***	-0.00202***	-0.00210***	-0.00182***	-0.00107*	-0.000981	-0.00820***	-0.00670***	-0.00686***
	(0.000312)	(0.000312)	(0.000312)	(0.000267)	(0.000267)	(0.000267)	(0.000647)	(0.000646)	(0.000645)	(0.000917)	(0.000913)	(0.000913)
Lincom t-test	7.75***	8.29***	7.94***	-0.55	-0.18	0.05	10.65***	11.18***	10.79***	-0.62	-0.03	0.18
	DOWNWARDS MONEY											
Years of EC in impressionable years	0.00861***	0.00868***	0.00871***	0.00231**	0.00236**	0.00250**	0.0180***	0.0182***	0.0185***	0.00652*	0.00668**	0.00730**
	(0.00123)	(0.00123)	(0.00123)	(0.000970)	(0.000970)	(0.000972)	(0.00245)	(0.00245)	(0.00245)	(0.00336)	(0.00335)	(0.00336)
Years of EC in total	-0.00331***	-0.00318***	-0.00322***	-0.00318***	-0.00300***	-0.00306***	-0.00731***	-0.00707***	-0.00723***	-0.0115***	-0.0103***	-0.0105***
	(0.000296)	(0.000297)	(0.000297)	(0.000267)	(0.000267)	(0.000266)	(0.000583)	(0.000584)	(0.000584)	(0.000892)	(0.000890)	(0.000889)
Lincom t-test	5.31***	5.51***	5.49***	-1.12	-0.82	-0.72	5.39***	5.56***	5.65***	-1.84	-1.33	-1.17
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*: 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	-0.00547	0.000926	-0.0137	0.0112	0.0537
		(0.0154)	(0.0153)	(0.0153)	(0.0895)	(0.0890)	(0.0888)
	-men	-0.0423***	-0.0468***	-0.0510***	-0.231**	-0.262***	-0.292***
		(0.0163)	(0.0162)	(0.0162)	(0.0943)	(0.0935)	(0.0933)
Years of EC in total	- women	0.00335***	0.00262***	0.00310***	0.0236***	0.0193***	0.0223***
		(0.000464)	(0.000464)	(0.000464)	(0.00265)	(0.00264)	(0.00263)
	- men	0.00466***	0.00408***	0.00458***	0.0279***	0.0246***	0.0277***
		(0.000493)	(0.000490)	(0.000490)	(0.00279)	(0.00278)	(0.00277)
		LEFT WING					
EC in impressinable year	- women	0.0246	0.0303	0.0319*	0.131	0.149*	0.143*
		(0.0193)	(0.0193)	(0.0193)	(0.0816)	(0.0813)	(0.0813)
	-men	-0.0331*	-0.0374*	-0.0394**	-0.179**	-0.193**	-0.191**
		(0.0200)	(0.0199)	(0.0200)	(0.0885)	(0.0883)	(0.0884)
Years of EC in total	- women	0.00382***	0.00332***	0.00341***	0.0167***	0.0146***	0.0143***
		(0.000572)	(0.000573)	(0.000575)	(0.00246)	(0.00246)	(0.00247)
	- men	0.00468***	0.00423***	0.00434***	0.0232***	0.0214***	0.0213***
		(0.000588)	(0.000588)	(0.000589)	(0.00262)	(0.00262)	(0.00263)
		EQUALITY OVER FREEDOM [a]					
EC in impressinable year	- women	0.279**	0.258**	0.258**	0.538**	0.489**	0.489**
		(0.120)	(0.124)	(0.124)	(0.216)	(0.222)	(0.222)
	-men	-0.163	-0.157	-0.157	-0.382	-0.376	-0.376
		(0.160)	(0.156)	(0.156)	(0.301)	(0.302)	(0.302)
Years of EC in total	- women	0.00779**	0.00825**	0.00825**	0.0189**	0.0203***	0.0203***
		(0.00392)	(0.00397)	(0.00397)	(0.00746)	(0.00755)	(0.00755)
	- men	0.00949**	0.0100**	0.0100**	0.0231***	0.0246***	0.0246***
		(0.00399)	(0.00404)	(0.00404)	(0.00757)	(0.00768)	(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 IY	-women	0.0482***	0.0494***	0.0499***	0.0438***	0.0447***	0.0428***	0.111***	0.114***	0.114***	0.113***	0.116***	0.112***
		(0.0101)	(0.0100)	(0.00934)	(0.00692)	(0.00674)	(0.00668)	(0.0213)	(0.0210)	(0.0204)	(0.0208)	(0.0204)	(0.0209)
	-men	0.0402***	0.0414***	0.0389***	0.0265*	0.0277**	0.0251*	0.103***	0.106***	0.0995***	0.0602**	0.0639**	0.0615**
		(0.0129)	(0.0128)	(0.0122)	(0.0118)	(0.0116)	(0.0114)	(0.0267)	(0.0263)	(0.0244)	(0.0207)	(0.0205)	(0.0210)
Years of EC in total	- women	0.00198**	0.00219**	0.00147**	-0.00200***	-0.00174***	-0.00175***	0.00372*	0.00417**	0.00273	-0.00378**	-0.00297**	-0.00209
		(0.000778)	(0.000746)	(0.000629)	(0.000489)	(0.000499)	(0.000534)	(0.00174)	(0.00170)	(0.00153)	(0.00118)	(0.00117)	(0.00116)
	- men	0.000496	0.000689	0.00147**	-0.00194**	-0.00173**	-0.00162**	0.000252	0.000669	0.00225	-0.00246	-0.00181	-0.00233
		(0.000596)	(0.000564)	(0.000649)	(0.000663)	(0.000655)	(0.000641)	(0.00151)	(0.00145)	(0.00159)	(0.00144)	(0.00137)	(0.00140)
		DOWNWARDS CARE											
EC in IY	-women	0.0108	0.0107	0.0102	0.0396***	0.0394***	0.0353***	0.0144	0.0137	0.0126	0.0848***	0.0844***	0.0754**
		(0.0152)	(0.0150)	(0.0140)	(0.00956)	(0.00941)	(0.0101)	(0.0371)	(0.0367)	(0.0353)	(0.0246)	(0.0240)	(0.0257)
	-men	0.00414	0.00402	-0.000519	0.0501***	0.0502***	0.0426***	0.0291	0.0285	0.0192	0.107**	0.107***	0.0905**
		(0.0127)	(0.0127)	(0.0117)	(0.0147)	(0.0144)	(0.0120)	(0.0252)	(0.0252)	(0.0235)	(0.0352)	(0.0344)	(0.0296)
Years of EC in total	- women	-0.000476	-0.000521	-0.00118	-0.00174***	-0.00169***	-0.00239***	-0.00253	-0.00267	-0.00402**	-0.00512***	-0.00501***	-0.00636***
		(0.000649)	(0.000671)	(0.000657)	(0.000511)	(0.000544)	(0.000554)	(0.00148)	(0.00151)	(0.00150)	(0.00111)	(0.00119)	(0.00109)
	- men	-0.00178**	-0.00182**	-0.00112*	-0.00370***	-0.00368***	-0.00263***	-0.00610***	-0.00624***	-0.00483***	-0.00925***	-0.00920***	-0.00700***
		(0.000553)	(0.000572)	(0.000570)	(0.000482)	(0.000525)	(0.000476)	(0.00114)	(0.00118)	(0.00119)	(0.000896)	(0.000983)	(0.000784)
		UPWARDS MONEY											
EC in IY	-women	0.0282***	0.0303***	0.0308***	0.0267**	0.0278***	0.0276***	0.0740***	0.0782***	0.0789***	0.0926**	0.0984**	0.0973**
		(0.00685)	(0.00664)	(0.00688)	(0.00835)	(0.00842)	(0.00830)	(0.0191)	(0.0188)	(0.0205)	(0.0342)	(0.0336)	(0.0336)
	-men	0.0259	0.0279	0.0271*	0.00375	0.00489	0.00353	0.0763*	0.0804*	0.0786*	0.00756	0.0141	0.0106
		(0.0158)	(0.0156)	(0.0146)	(0.00489)	(0.00482)	(0.00478)	(0.0380)	(0.0373)	(0.0351)	(0.0290)	(0.0295)	(0.0301)
Years of EC in total	- women	0.000993	0.00133*	0.000713	-0.00242***	-0.00218***	-0.00230***	0.00291	0.00362**	0.00234	-0.00866**	-0.00723**	-0.00713**
		(0.000721)	(0.000694)	(0.000585)	(0.000581)	(0.000555)	(0.000525)	(0.00161)	(0.00155)	(0.00136)	(0.00315)	(0.00301)	(0.00280)
	- men	-0.000357	-2.89e-05	0.000652	-0.00194**	-0.00172**	-0.00162**	8.13e-05	0.000766	0.00211	-0.00628*	-0.00504*	-0.00511
		(0.000638)	(0.000620)	(0.000708)	(0.000614)	(0.000576)	(0.000614)	(0.00164)	(0.00158)	(0.00175)	(0.00291)	(0.00273)	(0.00298)
		DOWNWARDS MONEY											
EC in IY	-women	0.0218	0.0228	0.0218	0.0169**	0.0176**	0.0172**	0.0397	0.0415	0.0398	0.0778***	0.0817***	0.0797***
		(0.0176)	(0.0176)	(0.0176)	(0.00626)	(0.00634)	(0.00632)	(0.0409)	(0.0406)	(0.0404)	(0.0201)	(0.0190)	(0.0194)
	-men	0.0169	0.0177	0.0126	0.00388	0.00462	0.00312	0.0428	0.0442	0.0342	0.00528	0.0101	0.00521
		(0.0188)	(0.0188)	(0.0181)	(0.00521)	(0.00516)	(0.00502)	(0.0332)	(0.0332)	(0.0317)	(0.0201)	(0.0206)	(0.0186)

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

Familiarism concerning money: cohort differences

BACK

Table D5b. Cohort 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	- 1970-79	-0.000942	0.000746	0.00206	-0.00956	-0.00859	-0.00929	0.00198	0.00556	0.00817	-0.0756**	-0.0699**	-0.0728**
		(0.0109)	(0.0111)	(0.0110)	(0.00769)	(0.00746)	(0.00761)	(0.0211)	(0.0214)	(0.0210)	(0.0256)	(0.0245)	(0.0249)
	- 1960-69	-0.00295	-0.0105	-0.00721	0.0279	0.0224	0.0217	-0.00999	-0.0261	-0.0173	0.0996	0.0632	0.0613
		(0.0326)	(0.0323)	(0.0305)	(0.0264)	(0.0264)	(0.0263)	(0.0653)	(0.0646)	(0.0634)	(0.102)	(0.0989)	(0.0974)
	- 1950-59	0.120**	0.122**	0.129**	0.0958***	0.0937***	0.0913***	0.257**	0.261**	0.273**	0.407***	0.388**	0.381**
		(0.0443)	(0.0443)	(0.0437)	(0.0237)	(0.0252)	(0.0250)	(0.0961)	(0.0956)	(0.0947)	(0.121)	(0.124)	(0.123)
	- 1940-49	0.00295	0.00585	-0.00197	0.00249	0.00318	0.00543	0.102	0.106	0.0798	0.118	0.113	0.128
		(0.0474)	(0.0478)	(0.0477)	(0.0508)	(0.0505)	(0.0504)	(0.106)	(0.107)	(0.106)	(0.216)	(0.212)	(0.212)
	- 1930-39	0.0246	0.0342	0.0226	0.000620	0.00614	0.00950	0.108	0.127	0.0916	0.0225	0.0462	0.0700
		(0.0386)	(0.0366)	(0.0357)	(0.0488)	(0.0480)	(0.0486)	(0.0757)	(0.0732)	(0.0695)	(0.197)	(0.190)	(0.192)
	- 1910-29	0.0514	0.0696	0.0571	-0.0331	-0.0140	-0.00497	0.212*	0.249**	0.212*	-0.256	-0.145	-0.114
		(0.0637)	(0.0591)	(0.0595)	(0.0493)	(0.0464)	(0.0426)	(0.113)	(0.108)	(0.106)	(0.284)	(0.260)	(0.249)
		DOWNWARDS MONEY											
EC in IY	- 1970-79	-0.0225*	-0.0222*	-0.0226*	-0.00775	-0.00706	-0.00744	-0.0397	-0.0392	-0.0402	-0.0450*	-0.0402*	-0.0426*
		(0.0108)	(0.0107)	(0.0109)	(0.00461)	(0.00436)	(0.00448)	(0.0259)	(0.0256)	(0.0265)	(0.0206)	(0.0202)	(0.0196)
	- 1960-69	0.0337	0.0327	0.0323	-0.00600	-0.00964	-0.0104	0.0910	0.0896	0.0888	0.0174	-0.0125	-0.0153
		(0.0533)	(0.0530)	(0.0538)	(0.0160)	(0.0158)	(0.0159)	(0.108)	(0.108)	(0.107)	(0.0859)	(0.0829)	(0.0818)
	- 1950-59	0.0440	0.0462	0.0420	0.0871***	0.0856***	0.0830***	0.193	0.198	0.186	0.315***	0.297**	0.285**
		(0.105)	(0.104)	(0.106)	(0.0225)	(0.0240)	(0.0239)	(0.193)	(0.192)	(0.194)	(0.0964)	(0.0948)	(0.0974)
	- 1940-49	-0.0442	-0.0409	-0.0422	-0.0181	-0.0172	-0.0185	-0.0522	-0.0453	-0.0492	0.0551	0.0477	0.0511
		(0.0913)	(0.0912)	(0.0929)	(0.0463)	(0.0456)	(0.0456)	(0.223)	(0.223)	(0.227)	(0.203)	(0.199)	(0.200)
	- 1930-39	0.0205	0.0257	0.0218	-0.0182	-0.0141	-0.0149	0.0357	0.0457	0.0371	-0.0869	-0.0707	-0.0591
		(0.0898)	(0.0893)	(0.0865)	(0.0598)	(0.0587)	(0.0590)	(0.173)	(0.173)	(0.168)	(0.200)	(0.195)	(0.195)
	- 1910-29	0.0719	0.0790	0.0853	-0.0460	-0.0320	-0.0259	0.177	0.190	0.205	-0.348	-0.255	-0.227
		(0.125)	(0.125)	(0.115)	(0.0293)	(0.0294)	(0.0280)	(0.265)	(0.265)	(0.245)	(0.218)	(0.195)	(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	0.0111	0.0176	0.00672	0.0585	0.0931
	(0.0309)	(0.0309)	(0.0309)	(0.191)	(0.190)	(0.191)
- Germany	-0.0440	-0.0519	-0.0465	-0.0634	-0.113	-0.0828
	(0.0419)	(0.0419)	(0.0418)	(0.234)	(0.233)	(0.232)
- Poland	-0.00902	-0.0170	-0.0260	0.105	0.0530	-0.000566
	(0.0453)	(0.0451)	(0.0450)	(0.272)	(0.271)	(0.272)
- uprisings	0.0692*	0.0723*	0.0479	0.314	0.333	0.185
	(0.0382)	(0.0379)	(0.0377)	(0.224)	(0.222)	(0.221)
- former USSR	0.0493	0.0347	0.0184	0.216	0.127	0.0224
	(0.0337)	(0.0336)	(0.0336)	(0.204)	(0.204)	(0.203)
- Baltic countries	-0.0416	-0.0156	0.000125	-0.101	0.0445	0.129
	(0.0371)	(0.0368)	(0.0368)	(0.210)	(0.208)	(0.207)
			LEFT WING			
EC in impressionable year - Russia	0.0184	0.0175	0.0199	0.0103	0.0139	0.0146
	(0.0457)	(0.0457)	(0.0456)	(0.193)	(0.193)	(0.193)
- Germany	0.0675	0.0650	0.0648	0.342*	0.331*	0.338*
	(0.0455)	(0.0454)	(0.0454)	(0.194)	(0.193)	(0.193)
- Poland	-0.0331	-0.0382	-0.0406	0.249	0.227	0.243
	(0.0551)	(0.0551)	(0.0552)	(0.246)	(0.245)	(0.245)
- uprisings	0.0521	0.0551	0.0510	0.212	0.224	0.236
	(0.0458)	(0.0455)	(0.0455)	(0.194)	(0.193)	(0.193)
- former USSR	0.0463	0.0384	0.0350	0.414**	0.379**	0.392**
	(0.0420)	(0.0418)	(0.0418)	(0.194)	(0.193)	(0.193)
- Baltic countries	-0.0284	-0.00749	-0.00492	0.0287	0.124	0.122
	(0.0462)	(0.0460)	(0.0460)	(0.194)	(0.193)	(0.193)
			EQUALITY OVER FREEDOM [a]			
EC in impressionable year - Russia	-0.413***	-0.391***	-0.401***	-0.733***	-0.666***	-0.688***
	(0.0926)	(0.0966)	(0.0948)	(0.176)	(0.182)	(0.178)
- uprising	-0.169	-0.159	-0.160	-0.334	-0.309	-0.312
	(0.119)	(0.120)	(0.121)	(0.218)	(0.222)	(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**	-0.00750*	-0.00694	-0.00126	0.00112	0.00735*	-0.0293	-0.0258	-0.0231	0.0231	0.0305	0.0378*
		(0.00369)	(0.00378)	(0.00439)	(0.00403)	(0.00405)	(0.00382)	(0.0229)	(0.0233)	(0.0243)	(0.0172)	(0.0171)	(0.0199)
	- Germany	-0.0824***	-0.0763***	-0.0803***	0.00356	0.0105	0.0117	-0.115*	-0.102	-0.110*	-0.00264	0.0207	0.0307*
		(0.0101)	(0.00998)	(0.00961)	(0.0164)	(0.0173)	(0.0181)	(0.0594)	(0.0578)	(0.0575)	(0.0152)	(0.0128)	(0.0157)
	- Poland	0.00293	0.00581	0.00816	0.00722	0.0109	0.00963	-0.00517	0.000557	0.00351	-0.0370	-0.0255	-0.0255
		(0.0148)	(0.0152)	(0.0147)	(0.00806)	(0.00785)	(0.00792)	(0.0189)	(0.0193)	(0.0179)	(0.0212)	(0.0204)	(0.0194)
	- uprising	-0.0432	-0.0414	-0.0423	0.0127	0.0152	0.0184	-0.0892	-0.0858	-0.0887	-0.00911	-0.00182	0.0123
		(0.0266)	(0.0264)	(0.0247)	(0.0123)	(0.0130)	(0.0134)	(0.0546)	(0.0538)	(0.0506)	(0.0196)	(0.0219)	(0.0253)
	- former USSR	0.0370***	0.0395***	0.0381***	0.0262***	0.0299***	0.0275***	0.0907***	0.0951***	0.0891***	0.00505	0.0162	0.0184
		(0.00533)	(0.00545)	(0.00489)	(0.00451)	(0.00501)	(0.00635)	(0.0238)	(0.0236)	(0.0239)	(0.0228)	(0.0231)	(0.0306)
	- Baltic	0.0341*	0.0346*	0.0350*	-0.0577***	-0.0574***	-0.0568***	0.0555	0.0565	0.0578	-0.0814**	-0.0804***	-0.0859***
		(0.0176)	(0.0173)	(0.0175)	(0.00908)	(0.00822)	(0.00806)	(0.0464)	(0.0456)	(0.0455)	(0.0255)	(0.0228)	(0.0254)
		DOWNWARDS CARE											
EC in IY	- Russia	-0.0729**	-0.0736**	-0.0682**	-0.0337**	-0.0331**	-0.0232*	-0.169**	-0.171**	-0.159**	-0.0444	-0.0431	-0.0218
		(0.0235)	(0.0236)	(0.0227)	(0.0116)	(0.0116)	(0.0121)	(0.0552)	(0.0551)	(0.0540)	(0.0381)	(0.0380)	(0.0385)
	- Germany	0.0159	0.0136	0.0125	-0.00824	-0.00628	-0.00487	-0.00863	-0.0155	-0.0193	-0.0378*	-0.0332	-0.0267
		(0.0211)	(0.0209)	(0.0196)	(0.0108)	(0.0120)	(0.0145)	(0.0653)	(0.0646)	(0.0610)	(0.0200)	(0.0250)	(0.0321)
	- Poland	0.0239	0.0229	0.0195	0.00183	0.00267	0.00440	0.0741**	0.0711**	0.0630*	0.0257	0.0278	0.0337
		(0.0136)	(0.0138)	(0.0129)	(0.0130)	(0.0134)	(0.0149)	(0.0309)	(0.0310)	(0.0308)	(0.0238)	(0.0254)	(0.0294)
	- uprising	-0.0604*	-0.0606*	-0.0645**	-0.00109	-0.000100	0.00919	-0.170*	-0.171*	-0.180*	-0.0950**	-0.0926**	-0.0676
		(0.0280)	(0.0280)	(0.0275)	(0.0129)	(0.0133)	(0.0159)	(0.0893)	(0.0894)	(0.0881)	(0.0335)	(0.0351)	(0.0417)
	- former USSR	0.0456	0.0453	0.0423	0.0181*	0.0189*	0.0205	0.138**	0.136**	0.127**	-0.00240	-0.000191	0.00846
		(0.0259)	(0.0259)	(0.0244)	(0.0101)	(0.0103)	(0.0135)	(0.0455)	(0.0451)	(0.0410)	(0.0177)	(0.0193)	(0.0293)
	- Baltic	-0.0746*	-0.0747*	-0.0699*	-0.0345**	-0.0346**	-0.0366**	-0.182**	-0.182**	-0.171**	-0.0948***	-0.0949***	-0.102***
		(0.0359)	(0.0363)	(0.0350)	(0.0133)	(0.0131)	(0.0129)	(0.0766)	(0.0773)	(0.0748)	(0.0295)	(0.0294)	(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	-0.0298	-0.0329	0.00386	0.00579	0.00827	-0.0630	-0.0575	-0.0630	0.0676	0.0798*	0.0869**
		(0.0235)	(0.0232)	(0.0237)	(0.00996)	(0.0101)	(0.00981)	(0.0436)	(0.0430)	(0.0437)	(0.0377)	(0.0375)	(0.0365)
	- Germany	-0.0281*	-0.0181	-0.0225	-0.0421**	-0.0375**	-0.0401**	-0.0950	-0.0736	-0.0870	0.350***	0.382***	0.380***
		(0.0135)	(0.0132)	(0.0127)	(0.0143)	(0.0151)	(0.0161)	(0.0550)	(0.0531)	(0.0543)	(0.0640)	(0.0652)	(0.0675)
	- Poland	-0.0176	-0.0133	-0.00914	0.00282	0.00596	0.00451	-0.0168	-0.00743	-0.000324	-0.00456	0.0147	0.0108
		(0.0162)	(0.0167)	(0.0169)	(0.0101)	(0.0101)	(0.0102)	(0.0176)	(0.0178)	(0.0162)	(0.0432)	(0.0423)	(0.0400)
	- uprising	-0.0709***	-0.0685**	-0.0707***	-0.00543	-0.00368	-0.00324	-0.130*	-0.124*	-0.132**	0.0439	0.0555	0.0616
		(0.0218)	(0.0214)	(0.0195)	(0.00771)	(0.00795)	(0.00842)	(0.0614)	(0.0605)	(0.0564)	(0.0427)	(0.0406)	(0.0401)
	- former USSR	0.0173	0.0210*	0.0175	-0.0137	-0.0108	-0.0105	0.0777***	0.0856***	0.0740***	-0.106**	-0.0878*	-0.0838*
		(0.00951)	(0.00996)	(0.0111)	(0.0131)	(0.0131)	(0.0130)	(0.0224)	(0.0224)	(0.0223)	(0.0460)	(0.0445)	(0.0425)
	- Baltic	-0.00891	-0.00811	-0.0103	-0.000134	0.000362	0.00199	-0.0270	-0.0255	-0.0288	0.0134	0.0158	0.0176
		(0.0169)	(0.0161)	(0.0163)	(0.0216)	(0.0207)	(0.0203)	(0.0360)	(0.0343)	(0.0340)	(0.0697)	(0.0645)	(0.0647)
		DOWNWARDS MONEY											
EC in IY	- Russia	-0.0445***	-0.0438***	-0.0386***	0.00778	0.00908	0.0111	-0.102**	-0.101**	-0.0900**	0.0492	0.0594	0.0677
		(0.00861)	(0.00889)	(0.00942)	(0.0170)	(0.0171)	(0.0168)	(0.0378)	(0.0383)	(0.0384)	(0.0406)	(0.0415)	(0.0411)
	- Germany	-0.0445**	-0.0408**	-0.0394**	-0.0230	-0.0198	-0.0225	-0.154***	-0.148***	-0.148***	0.575***	0.604***	0.599***
		(0.0163)	(0.0150)	(0.0143)	(0.0230)	(0.0237)	(0.0243)	(0.0377)	(0.0355)	(0.0332)	(0.0269)	(0.0276)	(0.0306)
	- Poland	0.0375**	0.0389**	0.0395**	-0.00813	-0.00566	-0.00690	0.0550*	0.0576*	0.0561*	-0.0300	-0.0126	-0.0183
		(0.0145)	(0.0139)	(0.0142)	(0.0135)	(0.0135)	(0.0136)	(0.0282)	(0.0271)	(0.0282)	(0.0323)	(0.0319)	(0.0300)
	- uprising	-0.00494	-0.00458	-0.00659	0.00227	0.00370	0.00251	-0.0379	-0.0372	-0.0450	0.0664	0.0770	0.0772*
		(0.0342)	(0.0340)	(0.0347)	(0.00880)	(0.00898)	(0.00886)	(0.0367)	(0.0360)	(0.0382)	(0.0442)	(0.0429)	(0.0418)
	- former USSR	0.0640***	0.0654***	0.0599***	-0.0146	-0.0125	-0.0132	0.130***	0.133***	0.120***	-0.0657	-0.0504	-0.0503
		(0.0126)	(0.0119)	(0.0128)	(0.0146)	(0.0146)	(0.0143)	(0.0252)	(0.0244)	(0.0269)	(0.0372)	(0.0364)	(0.0342)
	- Baltic	-0.118**	-0.118**	-0.115**	0.00615	0.00655	0.00809	-0.264***	-0.263***	-0.255***	0.0538	0.0555	0.0596
		(0.0403)	(0.0401)	(0.0385)	(0.0280)	(0.0273)	(0.0269)	(0.0801)	(0.0798)	(0.0778)	(0.0695)	(0.0652)	(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	-0.00893	-0.00688	0.200	0.0864	0.101
		(0.0320)	(0.0319)	(0.0318)	(0.195)	(0.194)	(0.193)
	- rural	0.0481**	0.0330	0.0340	0.444***	0.356**	0.362**
		(0.0240)	(0.0239)	(0.0239)	(0.147)	(0.147)	(0.147)
Years of EC in total	- urban	0.00384***	0.00406***	0.00335***	0.0266***	0.0279***	0.0236***
		(0.000834)	(0.000830)	(0.000829)	(0.00509)	(0.00506)	(0.00505)
	- rural	0.00145**	0.00198***	0.00177***	0.0121***	0.0153***	0.0141***
		(0.000634)	(0.000633)	(0.000633)	(0.00389)	(0.00389)	(0.00389)
		LEFT WING					
EC in impressinable year	- urban	0.0378	0.0303	0.0300	0.200	0.172	0.177
		(0.0438)	(0.0437)	(0.0437)	(0.195)	(0.194)	(0.194)
	- rural	0.0357	0.0322	0.0322	0.217	0.209	0.213
		(0.0341)	(0.0340)	(0.0340)	(0.152)	(0.152)	(0.152)
Years of EC in total	- urban	0.000776	0.000960	0.000844	0.00190	0.00297	0.00340
		(0.00114)	(0.00114)	(0.00114)	(0.00511)	(0.00510)	(0.00511)
	- rural	0.000839	0.00123	0.00120	0.00113	0.00293	0.00307
		(0.000890)	(0.000890)	(0.000890)	(0.00393)	(0.00393)	(0.00393)
		EQUALITY OVER FREEDOM					
EC in impressinable year	- urban	0.0647	0.0521	0.0462	0.0104	-0.00850	-0.0214
		(0.203)	(0.201)	(0.200)	(0.388)	(0.385)	(0.384)
	- rural	-0.231**	-0.217**	-0.219**	-0.470**	-0.439**	-0.444**
		(0.0999)	(0.101)	(0.102)	(0.184)	(0.186)	(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***	0.0857***	0.0866***	0.0187	0.0186	0.0164	0.192***	0.193***	0.194***	0.0319	0.0314	0.0171
		(0.0120)	(0.0121)	(0.0120)	(0.0140)	(0.0145)	(0.0133)	(0.0228)	(0.0226)	(0.0227)	(0.0374)	(0.0391)	(0.0358)
	- rural	0.0569***	0.0571***	0.0571***	0.0405***	0.0399***	0.0393***	0.144***	0.145***	0.144***	0.0992***	0.0975***	0.0940***
		(0.0144)	(0.0144)	(0.0140)	(0.0113)	(0.0113)	(0.0112)	(0.0341)	(0.0339)	(0.0332)	(0.0263)	(0.0263)	(0.0262)
Years of EC in total	- urban	0.000427	0.000704	0.000627	-0.000688	-0.000336	-0.000287	0.000227	0.000817	0.000646	-0.000128	0.000966	0.00180
		(0.000760)	(0.000722)	(0.000704)	(0.000570)	(0.000584)	(0.000558)	(0.00177)	(0.00170)	(0.00164)	(0.00143)	(0.00142)	(0.00127)
	- rural	0.00101	0.00122	0.00115	-0.00239***	-0.00212**	-0.00207**	0.00123	0.00167	0.00155	-0.00423**	-0.00339*	-0.00312*
		(0.000781)	(0.000738)	(0.000737)	(0.000677)	(0.000674)	(0.000681)	(0.00191)	(0.00185)	(0.00186)	(0.00156)	(0.00151)	(0.00148)
		DOWNWARDS CARE											
EC in IY	- urban	0.0654***	0.0656***	0.0695***	0.0490**	0.0488**	0.0463**	0.157**	0.157**	0.165**	0.0829*	0.0826*	0.0744*
		(0.0198)	(0.0197)	(0.0198)	(0.0172)	(0.0172)	(0.0180)	(0.0508)	(0.0505)	(0.0511)	(0.0378)	(0.0378)	(0.0411)
	- rural	0.0418**	0.0420**	0.0438**	0.0309**	0.0305**	0.0291**	0.112**	0.112**	0.116**	0.0663**	0.0656**	0.0625**
		(0.0170)	(0.0170)	(0.0164)	(0.0124)	(0.0125)	(0.0124)	(0.0446)	(0.0446)	(0.0435)	(0.0245)	(0.0248)	(0.0248)
Years of EC in total	- urban	-0.00254**	-0.00263**	-0.00298***	-0.00263***	-0.00259***	-0.00256***	-0.00755***	-0.00780***	-0.00856***	-0.00653***	-0.00643***	-0.00616***
		(0.000827)	(0.000845)	(0.000811)	(0.000505)	(0.000492)	(0.000522)	(0.00189)	(0.00191)	(0.00189)	(0.00103)	(0.000974)	(0.00109)
	- rural	-0.00228***	-0.00234***	-0.00242***	-0.00251***	-0.00247***	-0.00247***	-0.00725***	-0.00744***	-0.00761***	-0.00674***	-0.00666***	-0.00662***
		(0.000677)	(0.000696)	(0.000697)	(0.000602)	(0.000639)	(0.000634)	(0.00150)	(0.00154)	(0.00152)	(0.00107)	(0.00114)	(0.00113)
		UPWARDS MONEY											
EC in IY	- urban	0.0627***	0.0633***	0.0621***	0.00466	0.00451	0.00616	0.158***	0.159***	0.157***	0.0111	0.00971	0.00990
		(0.0103)	(0.00968)	(0.0103)	(0.0147)	(0.0143)	(0.0143)	(0.0195)	(0.0186)	(0.0188)	(0.0487)	(0.0464)	(0.0465)
	- rural	0.0323*	0.0326*	0.0313*	0.0181*	0.0177*	0.0187**	0.0959**	0.0962**	0.0933**	0.0567*	0.0537	0.0556*
		(0.0148)	(0.0145)	(0.0147)	(0.00804)	(0.00797)	(0.00784)	(0.0370)	(0.0362)	(0.0365)	(0.0301)	(0.0296)	(0.0293)
Years of EC in total	- urban	-0.000878	-0.000409	-0.000318	-0.00171*	-0.00137	-0.00150*	-0.000675	0.000322	0.000403	-0.00523	-0.00323	-0.00327
		(0.000498)	(0.000507)	(0.000552)	(0.000823)	(0.000781)	(0.000767)	(0.00118)	(0.00113)	(0.00118)	(0.00315)	(0.00291)	(0.00287)
	- rural	0.000272	0.000632	0.000579	-0.00243***	-0.00217***	-0.00219***	0.00105	0.00181	0.00167	-0.00880***	-0.00727**	-0.00724**
		(0.000625)	(0.000599)	(0.000621)	(0.000567)	(0.000537)	(0.000524)	(0.00151)	(0.00145)	(0.00150)	(0.00263)	(0.00242)	(0.00239)
		DOWNWARDS MONEY											
EC in IY	- urban	0.0591	0.0594	0.0615*	0.00278	0.00268	0.00403	0.138*	0.138*	0.145**	-0.00456	-0.00611	-0.00462
		(0.0331)	(0.0332)	(0.0326)	(0.00793)	(0.00762)	(0.00758)	(0.0660)	(0.0661)	(0.0655)	(0.0412)	(0.0388)	(0.0390)
	- rural	0.0509**	0.0513**	0.0513**	0.0153**	0.0150**	0.0154**	0.118**	0.119**	0.120**	0.0434	0.0402	0.0416
		(0.0227)	(0.0227)	(0.0220)	(0.00562)	(0.00562)	(0.00532)	(0.0523)	(0.0524)	(0.0512)	(0.0240)	(0.0236)	(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	0.0281	0.0188	0.0883	0.0676	0.000615
		(0.0253)	(0.0252)	(0.0251)	(0.152)	(0.151)	(0.151)
	- Prussian	-0.0282	-0.0341	-0.0317	-0.0310	-0.0668	-0.0542
		(0.0386)	(0.0386)	(0.0385)	(0.218)	(0.217)	(0.217)
	- Habsburg	0.0662*	0.0711**	0.0466	0.299	0.330	0.181
		(0.0358)	(0.0356)	(0.0355)	(0.210)	(0.209)	(0.208)
Years of EC in total	- Russian	-0.00192**	-0.00160**	-0.000951	-0.00776	-0.00589	-0.00155
		(0.000813)	(0.000808)	(0.000810)	(0.00492)	(0.00489)	(0.00490)
	- Prussian	0.000729	0.00149	0.00150	0.00293	0.00741	0.00763
		(0.00117)	(0.00118)	(0.00117)	(0.00673)	(0.00672)	(0.00672)
	- Habsburg	-0.00234**	-0.00186	-0.000862	-0.0104	-0.00780	-0.00182
		(0.00119)	(0.00118)	(0.00118)	(0.00710)	(0.00707)	(0.00705)
		LEFT WING					
EC in impressinable year	- Russian	0.0577*	0.0569*	0.0547*	0.371***	0.371***	0.376***
		(0.0317)	(0.0315)	(0.0316)	(0.143)	(0.142)	(0.143)
	- Prussian	0.0786*	0.0779*	0.0773*	0.343*	0.340*	0.344*
		(0.0419)	(0.0419)	(0.0419)	(0.178)	(0.178)	(0.178)
	- Habsburg	0.0674	0.0721*	0.0681	0.195	0.213	0.221
		(0.0430)	(0.0429)	(0.0429)	(0.181)	(0.180)	(0.180)
Years of EC in total	- Russian	-0.00293***	-0.00268***	-0.00255**	-0.0212***	-0.0201***	-0.0202***
		(0.000990)	(0.000986)	(0.000990)	(0.00474)	(0.00471)	(0.00473)
	- Prussian	-0.00182	-0.00136	-0.00134	-0.0163***	-0.0143**	-0.0143**
		(0.00129)	(0.00129)	(0.00129)	(0.00572)	(0.00570)	(0.00570)
	- Habsburg	0.000800	0.00115	0.00131	0.00166	0.00326	0.00284
		(0.00142)	(0.00142)	(0.00142)	(0.00623)	(0.00621)	(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	-0.0182	-0.0234*	-0.117	-0.151*	-0.189**
		(0.0139)	(0.0138)	(0.0138)	(0.0804)	(0.0797)	(0.0796)
	- catholic	0.00803	0.00553	-0.0125	0.130	0.115	0.00958
		(0.0282)	(0.0281)	(0.0281)	(0.167)	(0.167)	(0.167)
	- protestant	-0.0889**	-0.0980***	-0.0880**	-0.301	-0.356*	-0.296
		(0.0356)	(0.0357)	(0.0356)	(0.190)	(0.189)	(0.189)
Years of EC in total	- orthodox	0.00383***	0.00302***	0.00362***	0.0247***	0.0200***	0.0237***
		(0.000444)	(0.000443)	(0.000445)	(0.00251)	(0.00250)	(0.00251)
	- catholic	0.00357***	0.00237**	0.00345***	0.0142**	0.00711	0.0134**
		(0.00105)	(0.00105)	(0.00105)	(0.00614)	(0.00613)	(0.00612)
	- protestant	0.00604***	0.00568***	0.00570***	0.0323***	0.0304***	0.0304***
		(0.00101)	(0.00101)	(0.00101)	(0.00537)	(0.00536)	(0.00535)
				LEFT WING			
EC in impressinable year	– orthodox	-0.0259	-0.0311*	-0.0330*	-0.0940	-0.111	-0.109
		(0.0175)	(0.0175)	(0.0175)	(0.0752)	(0.0749)	(0.0750)
	- catholic	-0.100***	-0.104***	-0.108***	-0.413***	-0.423***	-0.409***
		(0.0345)	(0.0346)	(0.0346)	(0.150)	(0.150)	(0.151)
	- protestant	-0.000822	-0.00692	-0.00653	-0.107	-0.129	-0.125
		(0.0367)	(0.0367)	(0.0368)	(0.148)	(0.148)	(0.148)
Years of EC in total	- orthodox	0.00363***	0.00310***	0.00323***	0.0193***	0.0172***	0.0169***
		(0.000545)	(0.000545)	(0.000548)	(0.00241)	(0.00240)	(0.00242)
	- catholic	0.00556***	0.00473***	0.00494***	0.0246***	0.0211***	0.0205***
		(0.00127)	(0.00127)	(0.00127)	(0.00551)	(0.00551)	(0.00553)
	- protestant	0.00405***	0.00368***	0.00370***	0.0184***	0.0169***	0.0167***
		(0.00105)	(0.00105)	(0.00105)	(0.00423)	(0.00423)	(0.00422)