Frédéric Gonthier

When Gen Xers and Millennials catch up. Religiosity and generational gaps in social altruism

Ente di afferenza:
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RELIGIOUS CHANGE AND THE SHAPING OF SOLIDARITY

AND SOCIAL PARTICIPATION IN A TROUBLED EUROPE

FRÉDÉRIC GONTHIER

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Religiosity and generational gaps in social altruism

Supplementary materials

TAB. 1. Variable and descriptive statistics

Variable (variable and question in the EVS 2008 dataset[1])	Description	Mean	SD	% (weighted[2])
Solidarity (v290 to v294 – Q84A to Q84E)	To what extent do you feel concerned about the living conditions of…?			
	- Elderly people in (country)	3.92	0.95	
	- Unemployed people in (country)	3.44	1.05	
	- Immigrants in (country)	2.71	1.13	
	- Sick and disabled people in (country)	3.79	0.98	
	- Children in poor families in (country)	3.89	0.95	
	1. Not at all			
	2. Not so much			
	3. To a certain extent			
	4. Much			
	5. Very much			
Cohorts (cohort, derived from age)	1. Silent Generation (≤1945)			21.2
	2. Baby Boomers (1946-1959)			22.5
	3. Generation X (1960-1980)			39.9
	4. Generation Y (>1980)			16.5
Religious belief (additive index - Q30A to Q30E) Syntax: gen belief =(v119+v120+ V121+v122+v123)/5	Do you believe in…?			
	- God	0.72	.40	
	- Life after death	0.45	.49	
	- Hell	0.36	.49	
	- Heaven	0.44	.49	
	- Sin	0.59	.48	
	0. No & DKNA			Min=0
	1. Yes			Max=1
Religious denomination (religdenom, v106-Q23a)	Do you belong to a religious denomination?			
	1. (Roman) Catholics			26
	2. Protestants			10.3
	3. Muslims			9.2
	4. Orthodox			22.9
	5. Another religion			3.5
	6. No religion & DKNA			28
Church attendance (religattendance, v109-Q25)	Apart from weddings, funerals and christenings, about how often do you attend religious services these days?			
	1. Never, practically never			33.4
	2. Less often			9
	3. Once a year			7.1
	4. Only on specific holy days			24.2
	5. Once a month			10.4
	6. Once a week			11.8
	7. More than once a week			4.1
Belonging to religious organisations (belongreligorg, v105-Q23)	Do you belong to church or religious organisations?			
	1. Not mentioned			93

	2. Mentioned			7
Gender (v302 - Q86)	1. Women 2. Men			52.3 47.7
Age (age)	Year of birth	46.6	17.6	Min=17 Max=90
Educational level (ISCED-code one digit; educ, v336 – Q110)	1. Pre- primary education or no education 2. Primary education or first stage of secondary 3. Lower secondary or second stage 4. (Upper) secondary education 5. Post- secondary non- tertiary education 6. First stage of tertiary education 7. Second stage of tertiary education			3.7 8.8 15.5 43.7 3.9 23.7 .6
Monthly household income (in purchasing power parity) (income-V353mm-Q125)	1. <€150 2. €150-300 3. €300-500 4. €500-1000 5. €1,000-1,500 6. €1,500-2,000 7. €2,000-2,500 8. €2,500-3,000 9. €3,000-5,000 10. €5,000-7,500 11. €7,500-10,000 12. >€10,000			10.5 11.9 16.9 17.2 11.4 8.2 6.9 5.5 7.6 2.8 .9 .5
Economic insecurity (additive index – Q121 & Q123) Syntax: gen ecoinsecurity=(v349+ V351)	Are you yourself gainfully employed at the moment or not? During the last five years, have you experienced a continuous period of unemployment longer than 3 months? During the last five years, have you been dependent on social security at any time? 0. No 1. Yes	0.42	0.73	Min=0 Max=3
Social capital (additive index – Q5aA to Q5aD & Q5aF to Q5aN) Syntax: gen socialcapital=(v10+ +v11+v12+v13+v15+v16+v17+v18 +v19+v20+v21+v22+v23)/13	Do you belong to…? - Social welfare services for elderly, handicapped or deprived people - Education, arts, music or cultural activities - Trade unions - Political parties or groups - Local community action on issues like poverty, employment, housing, racial equality - Third world development or human rights - Conservation, the environment, ecology, animal rights - Professional associations - Youth work (e.g. scouts, guides, youth clubs etc.) - Sports or recreation - Women's groups - Peace movement - Voluntary organisations concerned with health 0. Not mentioned	0.04	0.09	Min=0

	1. Mentioned			Max=1
Human Development Index (HDI)	Countries' scores in 2008 (source: UNDP)	0.82	0.07	Min=0.65
				Max=0.95

STATA COMMANDS

Figure 1: sem (socialaltruismcfa -> children,) (socialaltruismcfa -> sick,) (socialaltruismcfa -> elderly,) (socialaltruismcfa -> unemployed,) (socialaltruismcfa -> immigrants,), standardized latent(socialaltruismcfa) cov(e.sick*e.unemployed e.elderly*e.unemployed e.unemployed*e.immigrants) nocapslatent

estat gof, stats(all)

estat mindices

estat eqgof

predict socialaltruismcfaindex, latent

gen socialaltruism= (socialaltruismcfaindex + 2.479185) / (2.4791852+ 1.142737)

Figure 2: graph bar socialaltruism , over (country)

Figure 3 – age cohort: margins, over(generation) plot

Figure 3 – age: margins, over(age) plot

Figure 4 – religious belief: margins generation, at(belief=(0 .2 .4 .6 .8 1)) atmeans plot

Figure 4 – church attendance: margins generation, at(religattendance=(0 .1666667 .3333333 .5 .6666667 .8333333 1)) atmeans plot

Model 1: xtmixed   socialaltruism , || country :   , variance

Model 2: xtmixed   socialaltruism ib1.generation c.IDH08, || country :   , variance

Model 3: xtmixed   socialaltruism ib1.generation age agesquare c.HDI , || country :   , variance

Model 4: xtmixed   socialaltruism ib1.generation age agesquare gender educ income ecoinsecurity socialcapital c. HDI , || country :   , variance

Model 5: xtmixed   socialaltruism ib1.generation age agesquare gender educ income ecoinsecurity socialcapital belief religattendance i.religdenom belongreligorg c.HDI , || country :   , variance

Model 6: xtmixed   socialaltruism ib1.generation age agesquare gender educ income ecoinsecurity socialcapital belief religattendance i.religdenom belongreligorg i.generation#c.belief c.HDI , || country :   , variance

Model 7: xtmixed   socialaltruism ib1.generation age agesquare gender educ income ecoinsecurity socialcapital belief religattendance i.religdenom belongreligorg i.generation3#c.religattendance c.IDH08 , || country :   , variance