

# Geographic sorting and aversion to breaking rules

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## ONLINE APPENDIX

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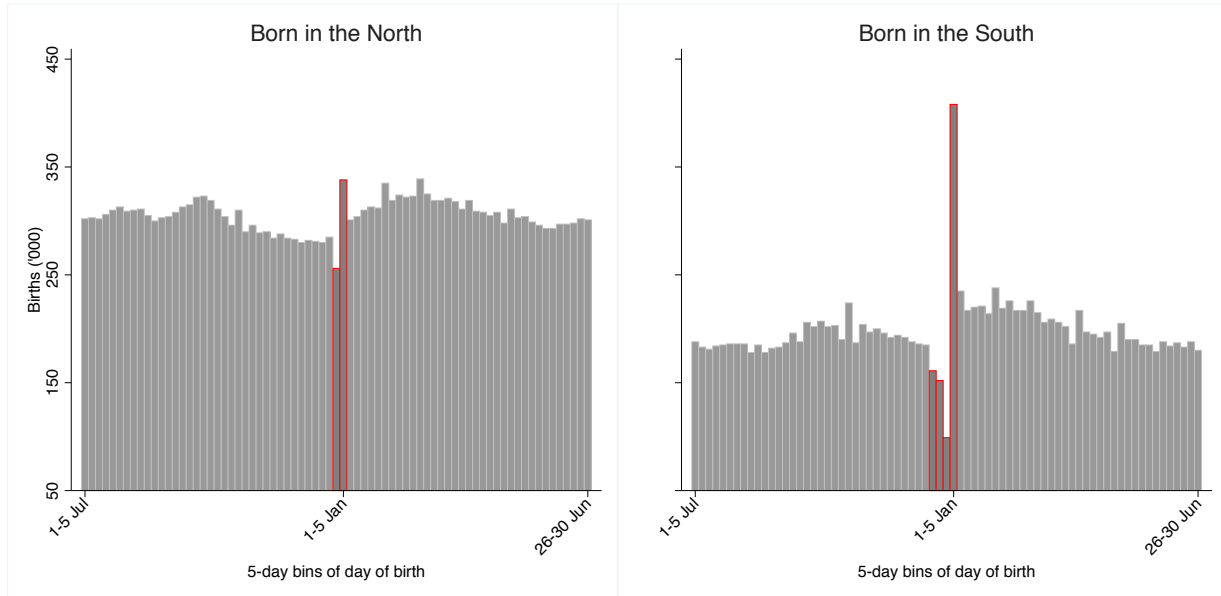
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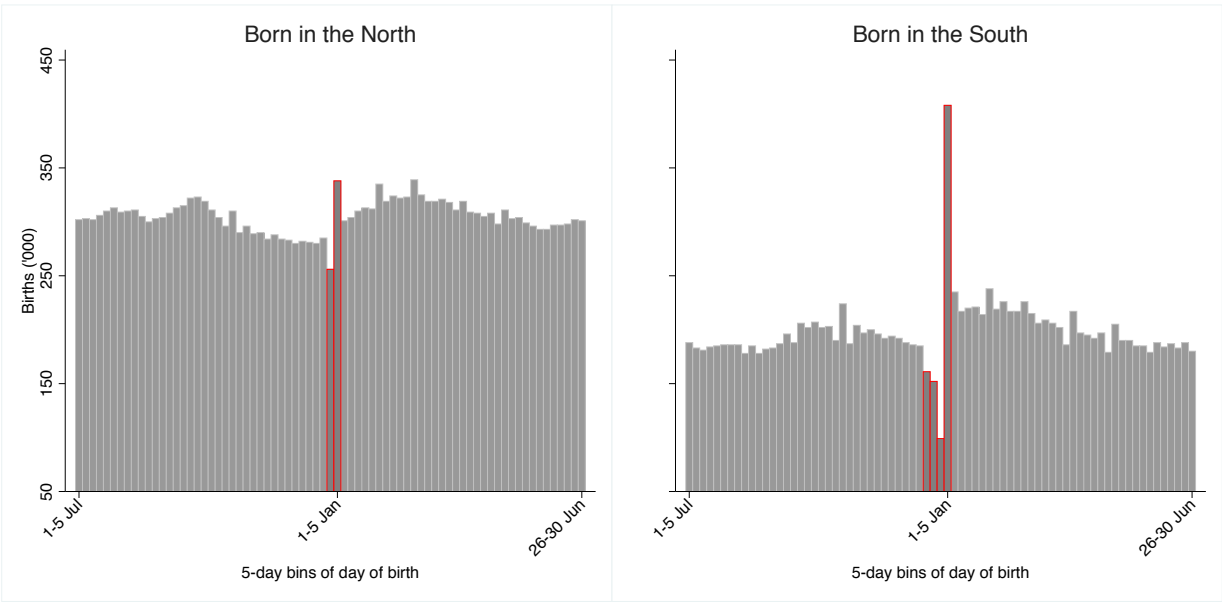
## Online Appendix to Section 2

Figure A-1: The distribution of birth dates over the days of a calendar year - 2001 Census



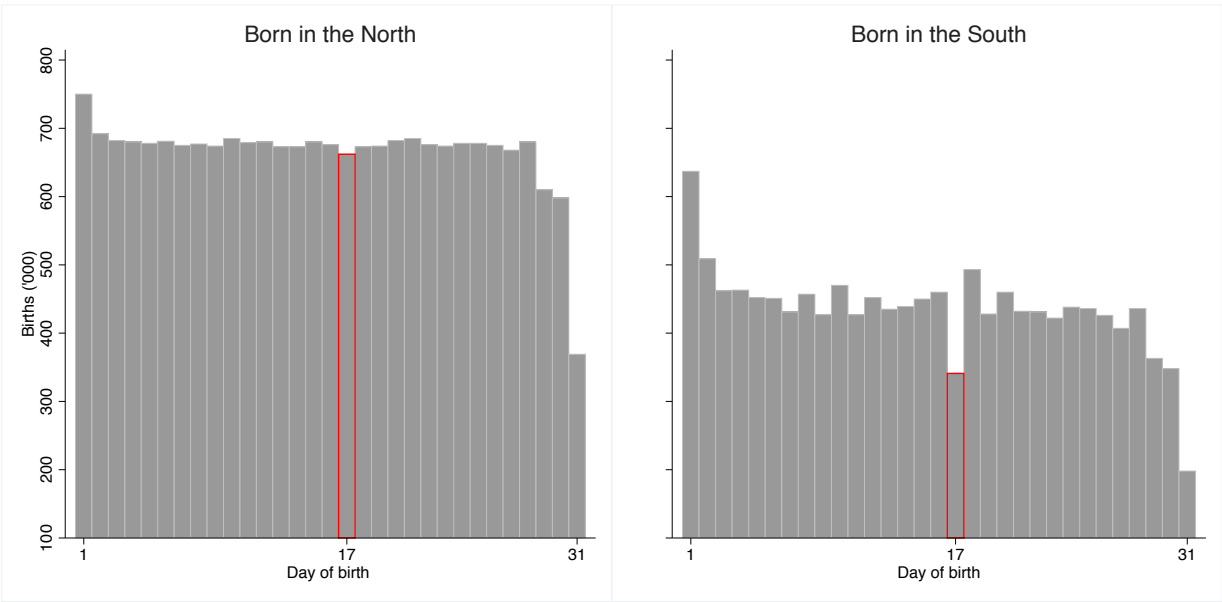
**Note:** Note: restricted Census 2011 data, with exact birth date for the 1920-1970 cohorts. The figure plots the total births by day of the year, grouped in 5-day bins. The South is defined as the localities that between 1816 and 1861 were part of the “Kingdom of the two Sicilies”. See Figure ?? and footnote ?? for further details

Figure A-2: The distribution of birth dates over the days of a calendar year - 2011 Census



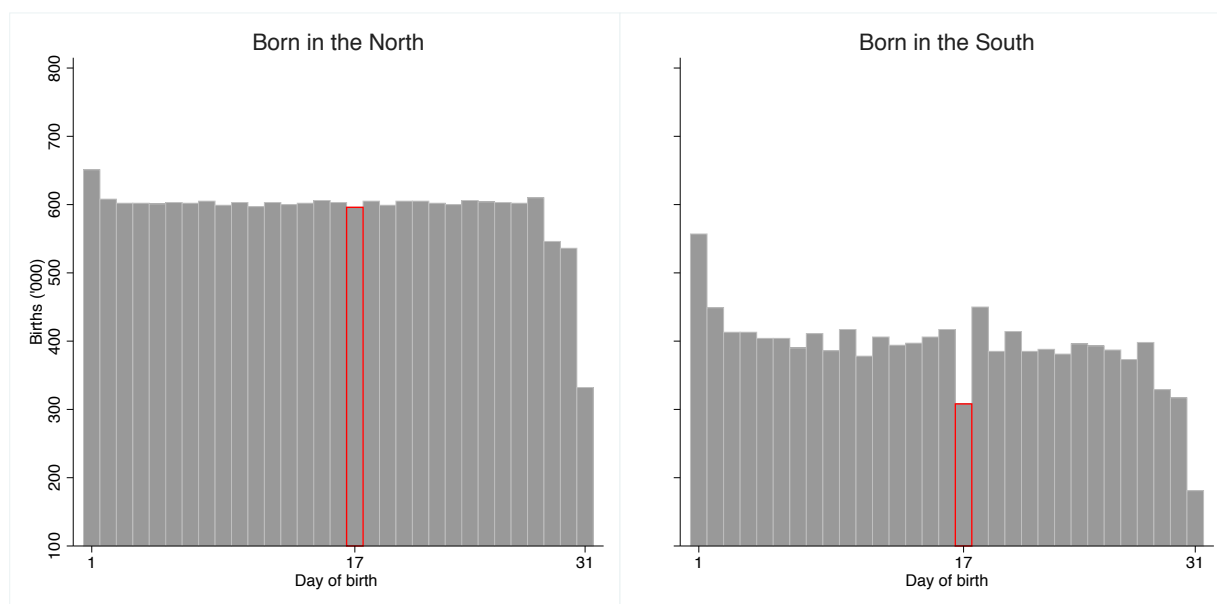
**Note:** Note: restricted Census 2011 data, with exact birth date for the 1920-1970 cohorts. The figure plots the total births by day of the year, grouped in 5-day bins. The South is defined as the localities that between 1816 and 1861 were part of the “Kingdom of the two Sicilies”. See Figure ?? and footnote ?? for further details

Figure A-3: The distribution of birthdays over the days of a calendar month - 2001 Census



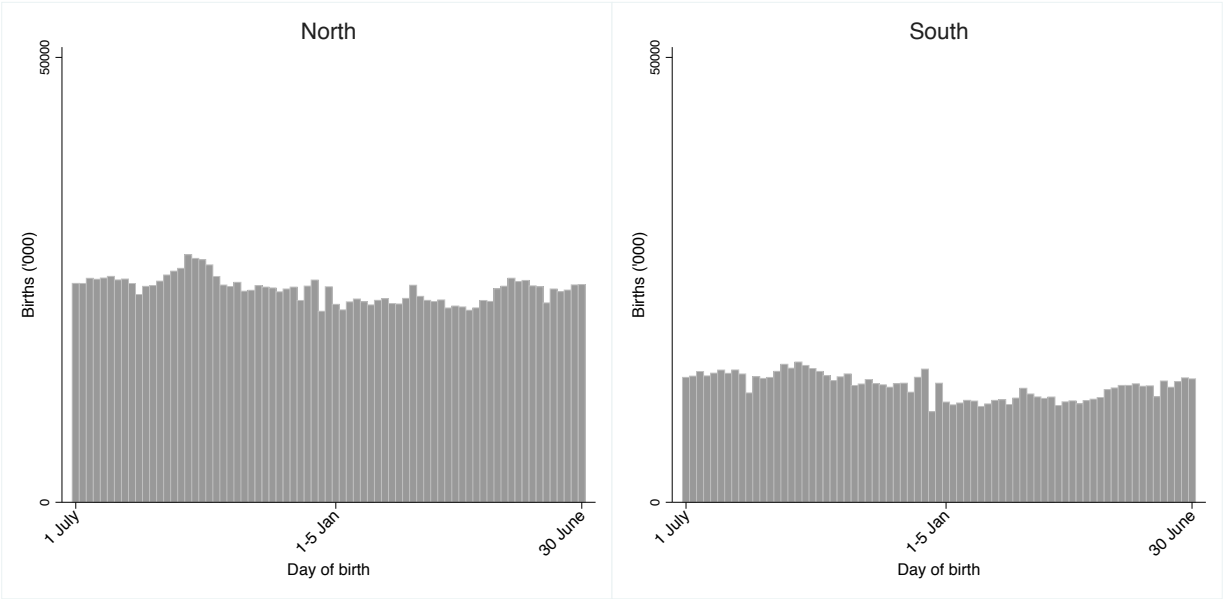
**Note:** Note: restricted Census 2001 data, with exact birth date for the 1920-1970 cohorts. The figure plots the total births by day of the calendar month. The South is defined as the localities that between 1816 and 1861 were part of the “Kingdom of the two Sicilies”. See Figure ?? and footnote ?? for further details.

Figure A-4: The distribution of birthdays over the days of a calendar month - 2011 Census



**Note:** Note: restricted Census 2011 data, with exact birth date for the 1920-1970 cohorts. The figure plots the total births by day of the calendar month. The South is defined as the localities that between 1816 and 1861 were part of the “Kingdom of the two Sicilies”. See Figure ?? and footnote ?? for further details.

Figure A-5: North-South differences in JBD cheating - elementary school in academic year 2015/16



**Note:** Pupils enrolled in elementary school in academic year 2015/16

Figure A-6: JBD and education of the child

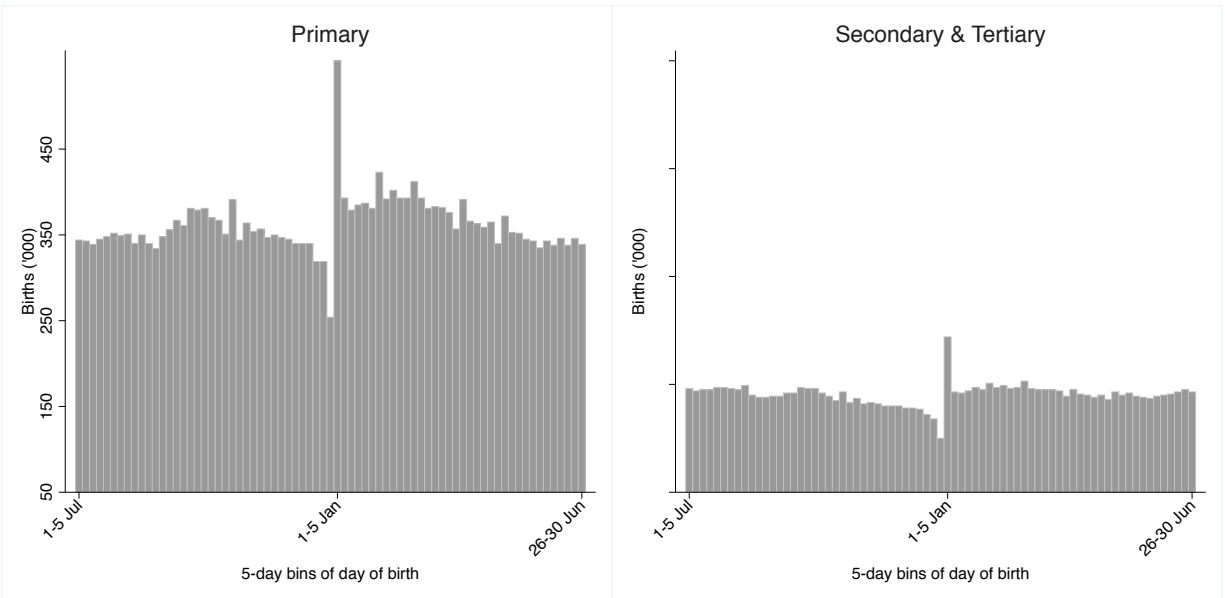


Figure A-7: 17BD and education of the child

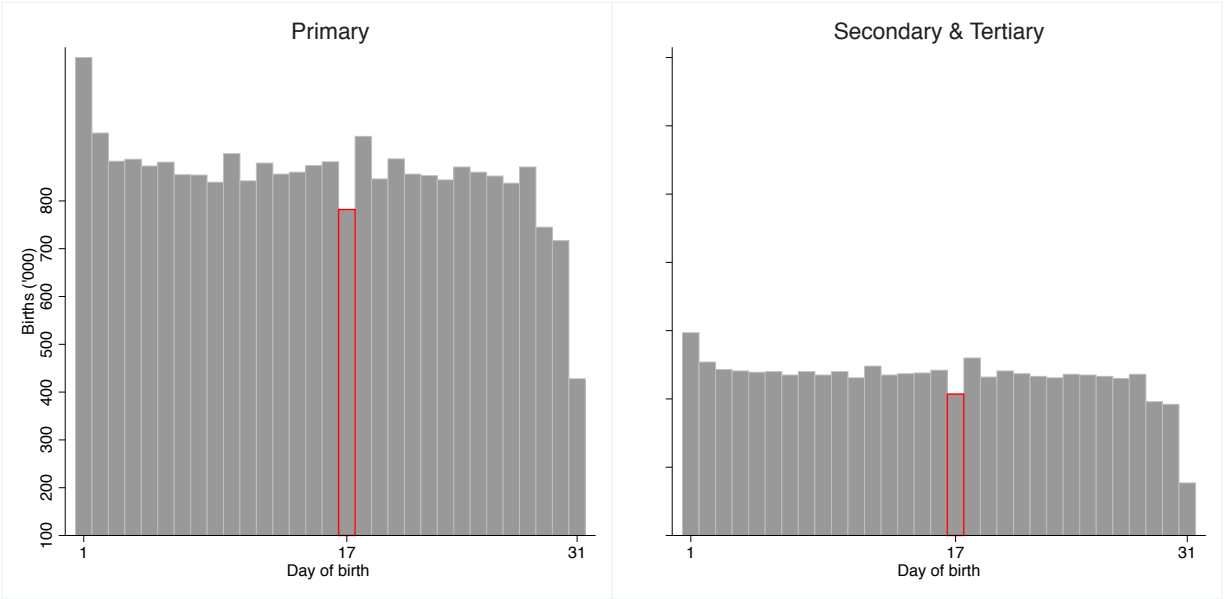


Figure A-8: JBD and gender of the child

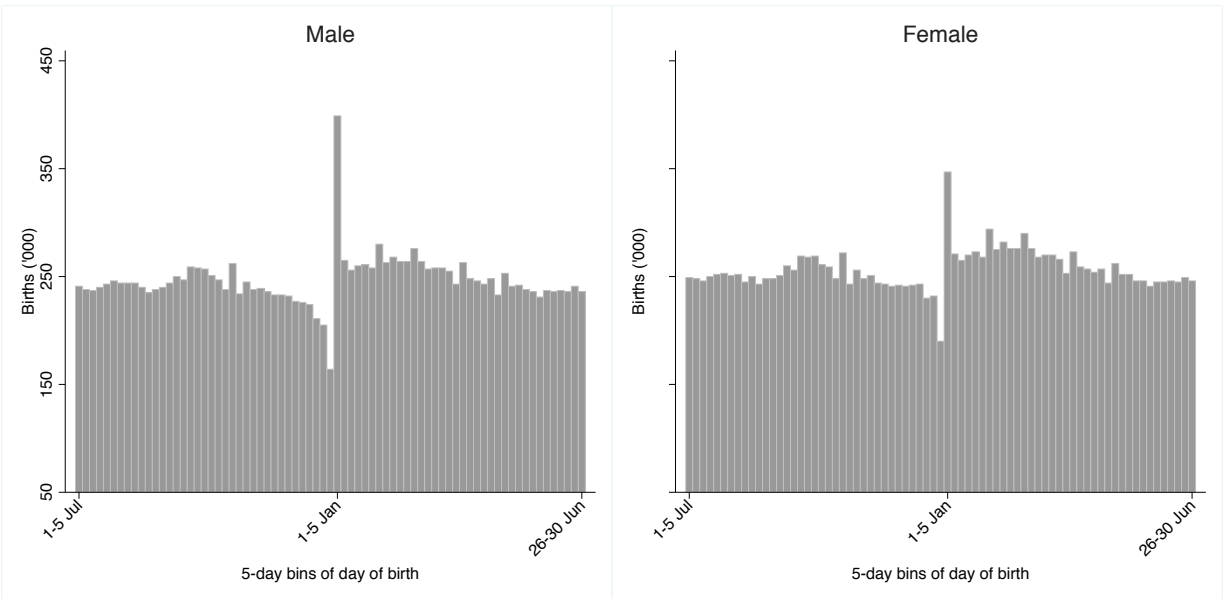
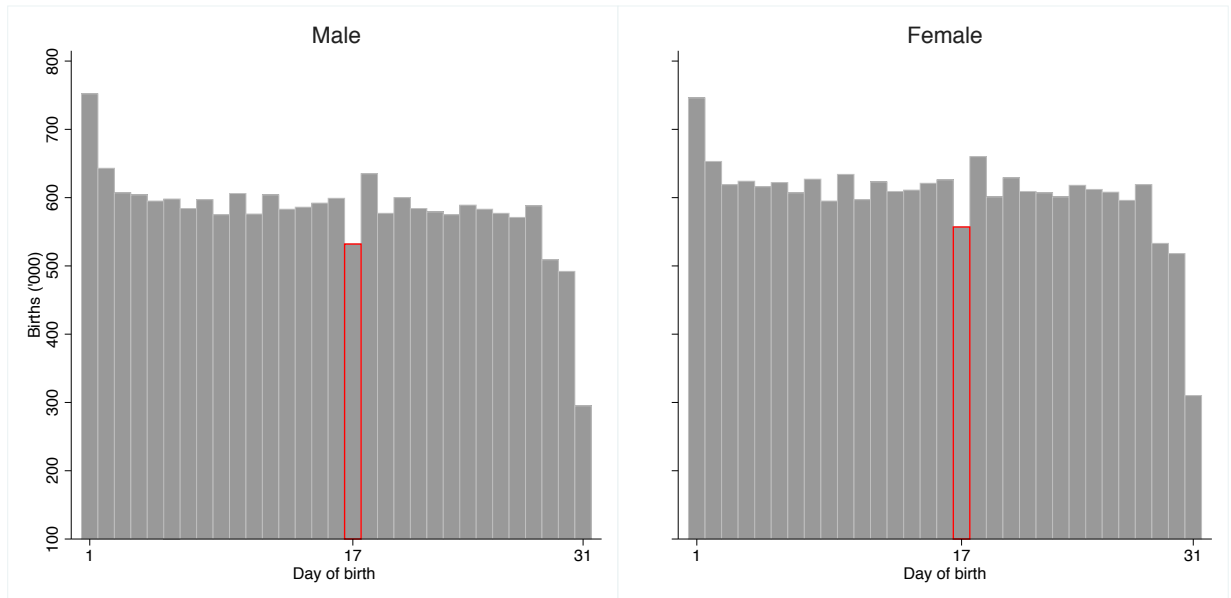


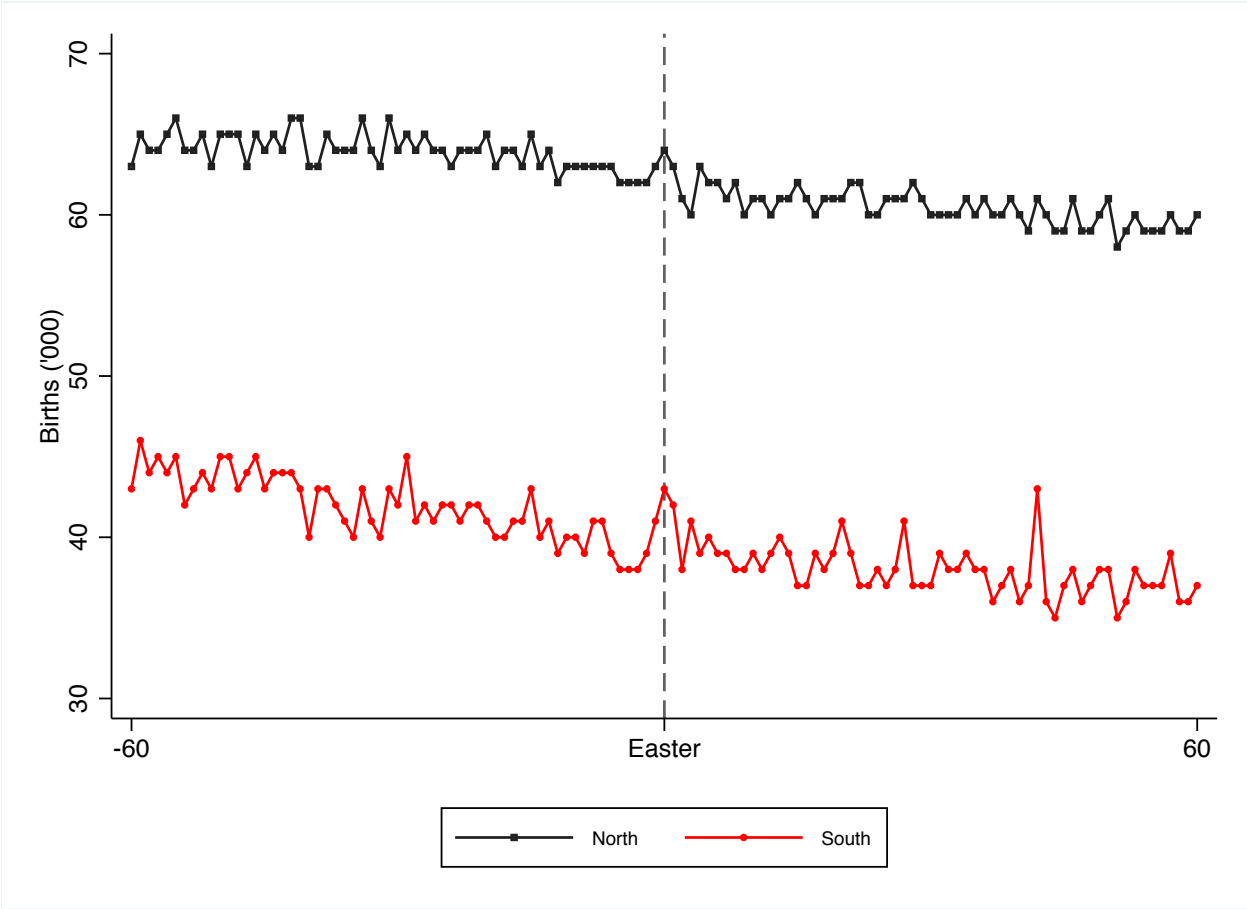


Figure A-9: 17BD and gender of the child



# Online Appendix to Section 3

Figure A-10: BD Cheating around Easter day



# Online Appendix to Section 7

Table A-1: ABR drain and Vote Counting Rate for the 2016 referendum

Log(Vote Counting Productivity) - Referendum 2016 December				
VARIABLES	(1)	(2)	(3)	(4)
ABR Drain (standardized)	-0.040**	-0.037**	-0.025**	-0.023**
	(0.015)	(0.014)	(0.011)	(0.011)
Brain Drain (standardized)	-0.009	-0.010	-0.004	-0.008
	(0.023)	(0.021)	(0.020)	(0.014)
ABR 1920		-0.130	-0.087	-0.125
		(0.082)	(0.073)	(0.093)
Share Illiterates 1921		0.117	0.299	-0.128
		(0.194)	(0.182)	(0.185)
Employment Rate 1936				0.125
				(0.395)
Agriculture Emp. Share 1936				0.713**
				(0.324)
Manufacture Emp. Share 1936				0.899*
				(0.454)
Population 1921				0.000
				(0.000)
Population density 1921				-0.000
				(0.000)
Rock slide risk medium				-0.000
				(0.000)
Rock slide risk low				-0.000
				(0.000)
Rock slide risk high				0.000
				(0.000)
Flood risk high				0.002**
				(0.001)
Flood risk medium				-0.005***
				(0.001)
Flood risk low				0.003**
				(0.001)
Vulcanic risk				0.128**
				(0.052)
Seismic Risk				-0.274
				(0.346)
High Mountains				-0.060
				(0.039)
Low Mountains				-0.021
				(0.041)
Coastal				0.015
				(0.051)
Observations	305	305	305	305
R-squared	0.020	0.037	0.192	0.300
Region FE	No	Yes	Yes	Yes
Initial Period Controls	No	No	Yes	Yes
Employment and Geography Controls	No	No	No	Yes
Drain mean	-0.002	-0.002	-0.002	-0.002
Drain S.D.	0.034	0.034	0.034	0.034
Outcome Levels Mean	187.330	187.330	187.330	187.330
Outcome Levels S.D.	41.957	41.957	41.957	41.957
Oster $\delta$ for ABR drain		5.158	3.666	3.245

Note: indicate here depvar

Table A-2: ABR drain and Vote Counting Rate for the 2016 referendum - Including North

Log(Vote Counting Productivity) - Referendum 2016 December				
VARIABLES	(1)	(2)	(3)	(4)
ABR Drain (standardized)	-0.055*** (0.017)	-0.043*** (0.015)	-0.029** (0.011)	-0.029** (0.012)
Brain Drain (standardized)	-0.022 (0.023)	-0.005 (0.021)	-0.005 (0.020)	-0.010 (0.015)
Observations	343	343	343	343
R-squared	0.033	0.168	0.387	0.459
Region FE	No	Yes	Yes	Yes
Initial Period Controls	No	No	Yes	Yes
Employment and Geography Controls	No	No	No	Yes
Drain mean	-0.002	-0.002	-0.002	-0.002
Drain S.D.	0.032	0.032	0.032	0.032
Outcome Levels Mean	194.009	194.009	194.009	194.009
Outcome Levels S.D.	45.861	45.861	45.861	45.861
Oster $\delta$ for ABR drain		5.882	2.851	2.903

Note: indicate here depvar

Table A-3: ABR drain and Firm Labor Productivity

Firm value added per worker				
VARIABLES	(1)	(2)	(3)	(4)
ABR Drain (standardized)	-0.017** (0.008)	-0.016* (0.009)	-0.014** (0.007)	-0.014* (0.007)
Brain Drain (standardized)	0.007 (0.010)	0.010 (0.011)	0.002 (0.008)	0.003 (0.008)
ABR 1920		-0.117* (0.060)	0.066 (0.049)	-0.010 (0.052)
Share Illiterates 1921		0.038 (0.123)	0.074 (0.101)	0.184* (0.101)
Log of capital per worker			0.122*** (0.004)	0.122*** (0.004)
Years of educ. in SLL			0.263* (0.137)	0.056 (0.140)
Employment Rate 1936				-0.064 (0.198)
Agriculture Emp. Share 1936				-0.165 (0.218)
Manufacture Emp. Share 1936				0.105 (0.305)
Population 1921				0.000 (0.000)
Population density 1921				-0.000 (0.000)
Rock slide risk medium				-0.000 (0.000)
Rock slide risk low				-0.000 (0.000)
Rock slide risk high				0.000 (0.000)
Flood risk high				0.001 (0.001)
Flood risk medium				0.003 (0.002)
Flood risk low				-0.003** (0.002)
Vulcanic risk				0.157** (0.078)
Seismic Risk				-0.058 (0.148)
High Mountains				-0.007 (0.025)
Low Mountains				0.066** (0.031)
Costal				0.027 (0.022)
Observations	187,389	187,389	187,389	187,389
R-squared	0.001	0.002	0.280	0.284
Initial Period Controls	No	yes	Yes	Yes
Region FE	No	No	Yes	Yes
Industry FE	No	No	Yes	Yes
Capital Controls	No	No	Yes	Yes
Employment and Geography Controls	No	No	No	Yes
Drain mean	0.003	0.003	0.003	0.003
Drain S.D.	0.015	0.015	0.015	0.015
Outcome Levels Mean	25.107	25.107	25.107	25.107
Outcome Levels S.D.	18.619	18.619	18.619	18.619
Oster $\delta$ for ABR drain		22.68	43.93	-44.65

Note:

Table A-4: ABR drain and Firm Labor Productivity - Including North

VARIABLES	Firm value added per worker			
	(1)	(2)	(3)	(4)
ABR Drain (standardized)	-0.017** (0.009)	-0.015* (0.009)	-0.015** (0.007)	-0.015** (0.007)
Brain Drain (standardized)	-0.001 (0.011)	0.012 (0.011)	0.002 (0.008)	0.002 (0.008)
Observations	415,907	415,907	415,907	415,907
R-squared	0.001	0.012	0.287	0.290
Initial Period Controls	No	yes	Yes	Yes
Region FE	No	No	Yes	Yes
Industry FE	No	No	Yes	Yes
Capital Controls	No	No	Yes	Yes
Employment and Geography Controls	No	No	No	Yes
Drain mean	0.001	0.001	0.001	0.001
Drain S.D.	0.011	0.011	0.011	0.011
Outcome Levels Mean	29.658	29.658	29.658	29.658
Outcome Levels S.D.	22.607	22.607	22.607	22.607
Oster $\delta$ for ABR drain		28.81	-13.15	-11.04

Note: