SUPPLEMENTAL MATERIAL

Appendix 1 - Political election results, 2008-2018

This section provides the full descriptive and correlation analysis underlying the summary presented in Section 5.2 of the main text. The analysis explores how abstention and party support relate to one another and how these electoral outcomes vary across provinces over time. It also documents the relationships among the socio-economic, demographic, and security-related variables that form the basis of the structural factors examined later in the paper.

We put forward three working hypotheses to interpret the correlations among electoral outcomes. First, when the vote shares of two parties are positively correlated across provinces, this may suggest that the two parties draw support from socio-territorial contexts with similar characteristics, indicating a degree of complementarity in their appeal. Second, a negative correlation indicates that the two parties are competing for the same electorate, so that gains for one imply losses for the other. Third, weak or insignificant correlations suggest that the parties rely on structurally distinct territorial constituencies, shaped by specific local political cultures or context-specific conditions.

The correlations across the three elections (2008, 2013, and 2018) show both continuity and important shifts. In 2008, abstention was negatively correlated with support for both the PD and Lega, suggesting that these parties mobilized voters who might otherwise have abstained. Support for FI, in contrast, was positively associated with abstention, indicating a weaker mobilization capacity or a greater appeal among voters already less engaged in the electoral process. PD and FI were negatively correlated, consistent with their ideological and territorial differences, and Lega and FI also displayed a significant negative correlation, pointing to competition within the center-right bloc. PD and Lega did not exhibit a significant correlation, implying distinct socio-territorial support bases.

In 2013, the entrance of the Movimento 5 Stelle (M5S) reshaped these relationships. The negative correlations between abstention and both PD and Lega persisted, although they weakened. FI and M5S were not correlated, indicating that the rise of M5S did not primarily come at the expense of FI's electorate. Lega did not appear correlated with either PD or FI at this time, suggesting a temporary decline in its territorial anchoring. A significant negative correlation emerged between Lega and M5S, indicating growing competition between these two parties, particularly in regions undergoing socio-economic strain.

By 2018, the correlation structure underwent a marked realignment. All pairwise correlations became statistically significant. Abstention remained negatively associated with PD and Lega, but became positively correlated with both FI and M5S. This suggests that FI and M5S drew support from provinces characterized by greater electoral disengagement, while PD and Lega retained stronger bases in more politically mobilized territories. The negative correlation between PD and FI persisted, while PD and M5S also became negatively correlated, highlighting competition for voters disillusioned with mainstream center-left representation.

Meanwhile, Lega and M5S displayed a strong negative correlation, reflecting their direct competition for anti-establishment voters — a central dynamic of the 2018 election.

These descriptive associations reveal a consistent pattern: electoral disengagement and populist support tend to coincide in structurally disadvantaged territories, while mainstream parties retain stronger support in more stable socio-economic environments.

(Tables A1.1–A1.5 and Figures A1.1–A1.11 follow)

Table A1.1 - Political elections 2008, 2013, and 2018: Descriptive statistics

	No.	Mean	Std. Dev.	Min.	1st Quartile	Median	3rd Quartile	Max
Abstention	330	26.9	6.53	14.7	22.1	26.2	30.9	44.1
Extreme left	330	.703	.498	0	.39	.63	1	3.28
Center-left	330	23.8	9.79	6.52	16.4	22.7	29.5	53.4
Liberals	330	2.99	3.16	0	.31	1.9	5.07	16.3
Center-right	330	28.6	10.2	6.35	20	26.5	36.2	55.6
Extreme right	330	1.36	.79	.31	.79	1.12	1.75	3.88
Partito Democratico	330	18.9	8.21	0	12.9	17.9	23.6	44.3
Forza Italia	330	17.6	8.73	0	10.6	15.1	25	43.3
Lega	330	6.93	7.67	0	.17	3.73	12.6	29
Movimento 5 Stelle	330	13.5	10.4	0	0	16.6	20.9	33.4

Notes. The total number of voters who abstained or did not cast a valid vote (abstention) and the total number of valid votes obtained by each party or political area are expressed in percentage points as a share of citizens entitled to vote.

Table A1.2 - Political elections 2018: Descriptive statistics

	No.	Mean	Std. Dev.	Min.	1st Quartile	Median	3rd Quartile	Max
Abstention	110	29.7	5.66	21.7	25.2	28.2	33.7	43.3
Extreme left	110	1.03	.528	.3	.62	.92	1.35	3.28
Center-left	110	15	5.37	6.52	11.1	14.5	17.5	36.9
Liberals	110	1.87	.76	0	1.32	1.91	2.32	4.03
Center-right	110	25.5	6.79	10.3	20.2	24.4	30.5	40.8
Extreme right	110	1.08	.355	.38	.84	1.02	1.28	2.56
Partito Democratico	110	12.4	4.68	0	8.84	12.2	14.9	27.7
Forza Italia	110	9.43	2.35	0	7.87	9.26	10.8	14.6
Lega	110	12.3	7.12	1.82	4.78	12.6	18.1	28.4
Movimento 5 Stelle	110	21.8	5.66	8.32	16.9	20.5	26.8	33.4

Notes. The total number of voters who abstained or did not cast a valid vote (abstention) and the total number of valid votes obtained by each party or political area are expressed in percentage points as a share of citizens entitled to vote.

Table A1.3 - Political elections 2008: Correlation matrix

2008	Abstention	Extreme left	Center-left	Liberals	Center-right	Extreme right	PD	Forza Italia	Lega
Abstention	1.000***	-0.452***	-0.453***	-0.013	-0.207	-0.585***	-0.457***	0.273***	-0.559***
	(0.000)	(0.000)	(0.000)	(0.897)	(0.031)	(0.000)	(0.000)	(0.004)	(0.000)
Extreme left	-0.452***	1.000***	0.604***	0.436***	-0.333***	0.580***	0.718***	-0.103	-0.097
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.284)	(0.318)
Center-left	-0.453***	0.604***	1.000***	0.232	-0.770***	0.315***	0.853***	-0.447***	-0.274***
	(0.000)	(0.000)	(0.000)	(0.015)	(0.000)	(0.001)	(0.000)	(0.000)	(0.004)
Liberals	-0.013	0.436***	0.232	1.000***	-0.258***	0.308***	0.248***	-0.083	-0.161
	(0.897)	(0.000)	(0.015)	(0.000)	(0.007)	(0.001)	(0.009)	(0.388)	(0.095)
Center-right	-0.207	-0.333***	-0.770***	-0.258***	1.000***	0.027	-0.574***	0.319***	0.682***
	(0.031)	(0.000)	(0.000)	(0.007)	(0.000)	(0.780)	(0.000)	(0.001)	(0.000)
Extreme right	-0.585***	0.580***	0.315***	0.308***	0.027	1.000***	0.412***	0.036	0.116
	(0.000)	(0.000)	(0.001)	(0.001)	(0.780)	(0.000)	(0.000)	(0.707)	(0.231)
Partito Democratico	-0.457***	0.718***	0.853***	0.248***	-0.574***	0.412***	1.000***	-0.289***	-0.200
	(0.000)	(0.000)	(0.000)	(0.009)	(0.000)	(0.000)	(0.000)	(0.002)	(0.037)
Forza Italia	0.273***	-0.103	-0.447***	-0.083	0.319***	0.036	-0.289***	1.000***	-0.411***
	(0.004)	(0.284)	(0.000)	(0.388)	(0.001)	(0.707)	(0.002)	(0.000)	(0.000)
Lega	-0.559***	-0.097	-0.274***	-0.161	0.682***	0.116	-0.200	-0.411***	1.000***
	(0.000)	(0.318)	(0.004)	(0.095)	(0.000)	(0.231)	(0.037)	(0.000)	(0.000)

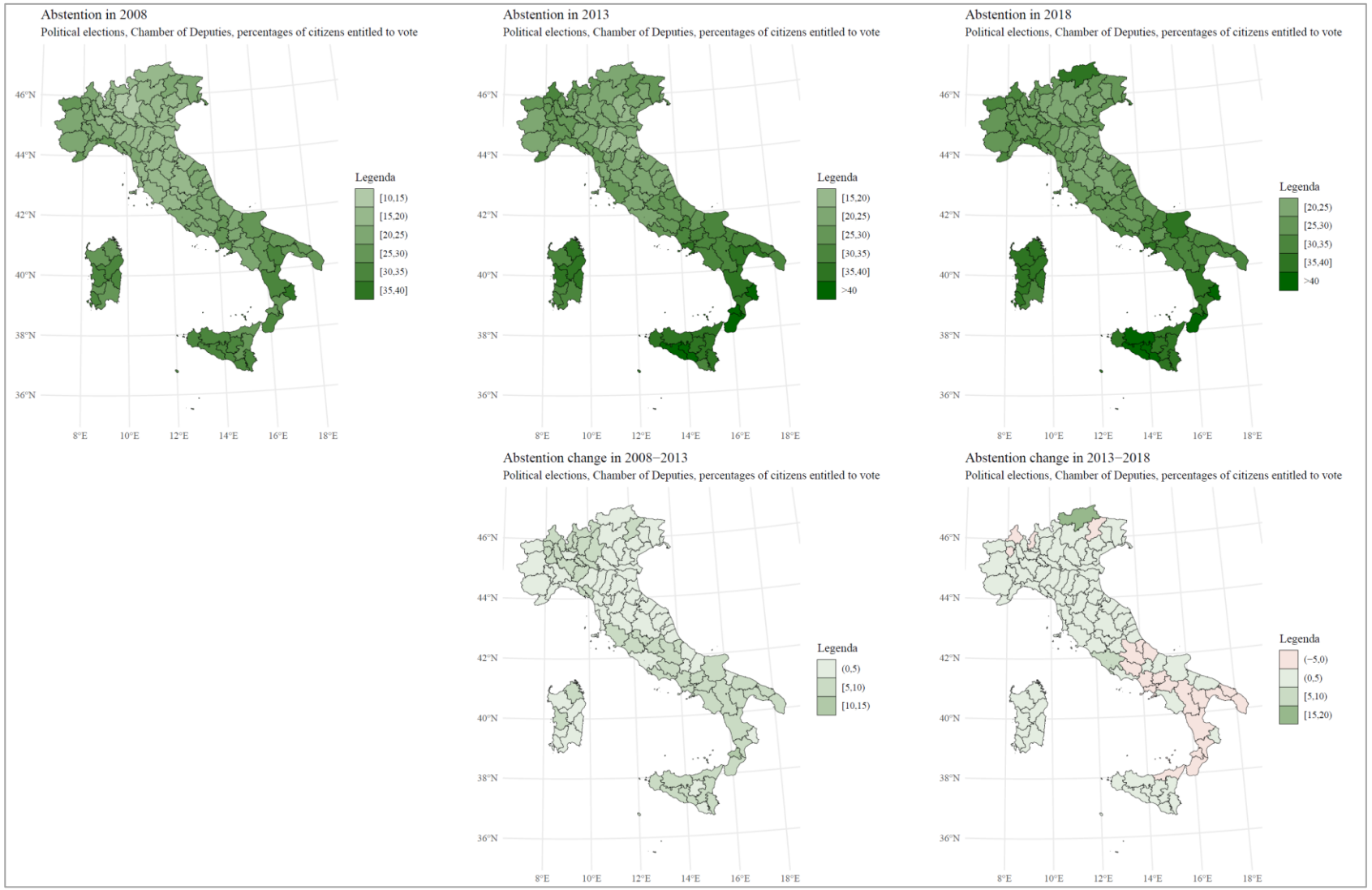
Table A1.4 - Political elections 2013: Correlation matrix

2013	Abstention	Extreme left	Center-left	Liberals	Center-right	Extreme right	PD	Forza Italia	Lega	M5S
Abstention	1.000***	-0.160	-0.617***	-0.667***	-0.089	-0.103	-0.675***	0.174	-0.436***	-0.207
	(0.000)	(0.096)	(0.000)	(0.000)	(0.356)	(0.287)	(0.000)	(0.071)	(0.000)	(0.031)
Extreme left	-0.160	1.000***	0.423***	-0.266***	-0.498***	0.179	0.452***	-0.130	-0.450***	0.348***
	(0.096)	(0.000)	(0.000)	(0.005)	(0.000)	(0.063)	(0.000)	(0.178)	(0.000)	(0.000)
Center-left	-0.617***	0.423***	1.000***	0.124	-0.567***	-0.062	0.815***	-0.556***	-0.138	-0.049
	(0.000)	(0.000)	(0.000)	(0.200)	(0.000)	(0.523)	(0.000)	(0.000)	(0.152)	(0.611)
Liberals	-0.667***	-0.266***	0.124	1.000***	0.403***	-0.124	0.257***	-0.129	0.754***	-0.073
	(0.000)	(0.005)	(0.200)	(0.000)	(0.000)	(0.198)	(0.007)	(0.183)	(0.000)	(0.450)
Center-right	-0.089	-0.498***	-0.567***	0.403***	1.000***	0.089	-0.324***	0.659***	0.699***	-0.288***
	(0.356)	(0.000)	(0.000)	(0.000)	(0.000)	(0.357)	(0.001)	(0.000)	(0.000)	(0.002)
Extreme right	-0.103	0.179	-0.062	-0.124	0.089	1.000***	-0.081	0.338***	-0.186	0.143
	(0.287)	(0.063)	(0.523)	(0.198)	(0.357)	(0.000)	(0.405)	(0.000)	(0.053)	(0.139)
Partito Democratico	-0.675***	0.452***	0.815***	0.257***	-0.324***	-0.081	1.000***	-0.380***	0.022	0.165
	(0.000)	(0.000)	(0.000)	(0.007)	(0.001)	(0.405)	(0.000)	(0.000)	(0.817)	(0.086)
Forza Italia	0.174	-0.130	-0.556***	-0.129	0.659***	0.338***	-0.380***	1.000***	-0.002	-0.019
	(0.071)	(0.178)	(0.000)	(0.183)	(0.000)	(0.000)	(0.000)	(0.000)	(0.982)	(0.841)
Lega	-0.436***	-0.450***	-0.138	0.754***	0.699***	-0.186	0.022	-0.002	1.000***	-0.277***
	(0.000)	(0.000)	(0.152)	(0.000)	(0.000)	(0.053)	(0.817)	(0.982)	(0.000)	(0.004)
Movimento 5 Stelle	-0.207	0.348***	-0.049	-0.073	-0.288***	0.143	0.165	-0.019	-0.277***	1.000***
	(0.031)	(0.000)	(0.611)	(0.450)	(0.002)	(0.139)	(0.086)	(0.841)	(0.004)	(0.000)

Table A1.5 - Political elections 2018: Correlation matrix

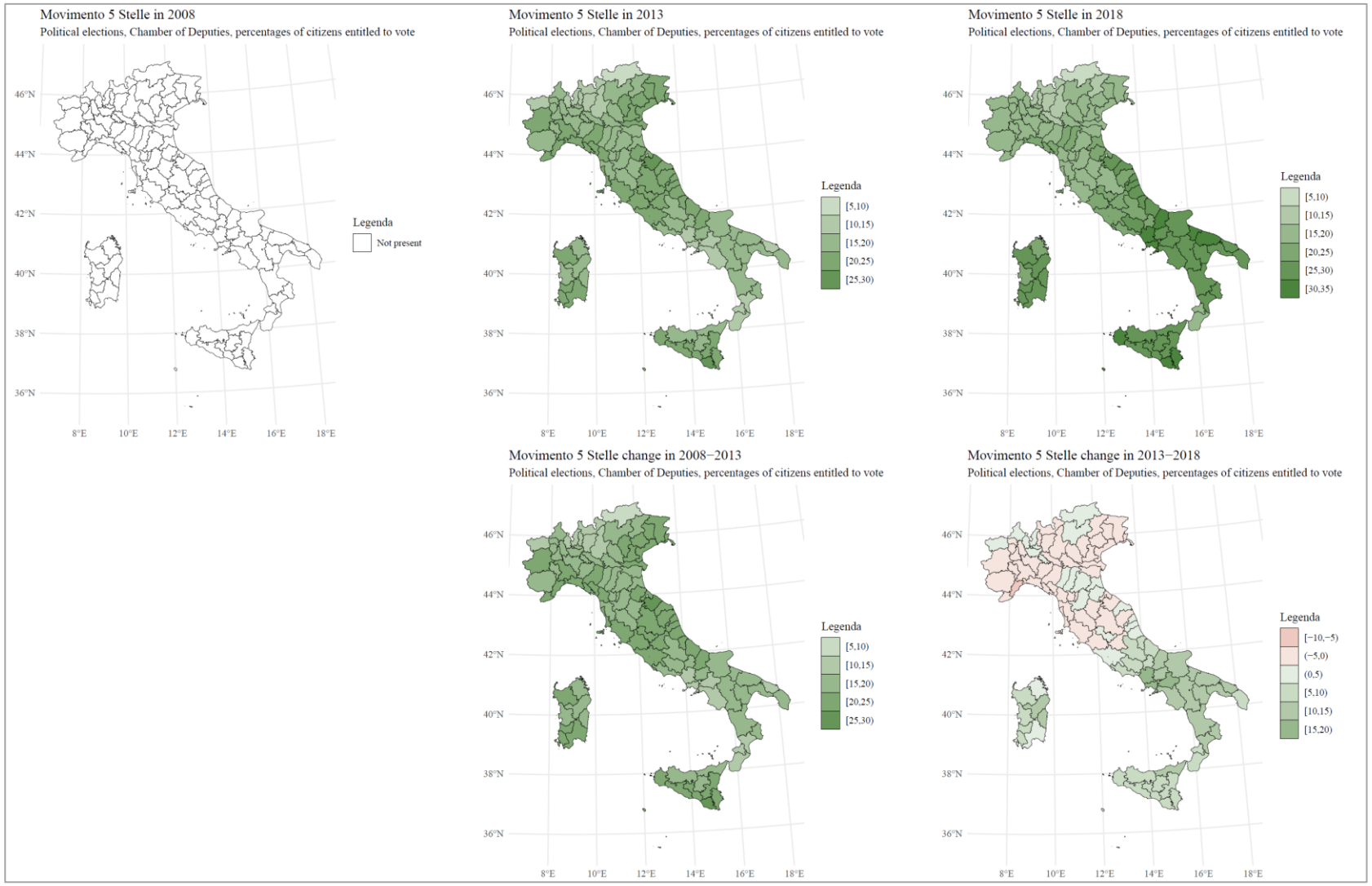
2018	Abstention	Extreme left	Center-left	Liberals	Center-right	Extreme right	PD	Forza Italia	Lega	M5S
Abstention	1.000***	-0.333***	-0.643***	-0.675***	-0.664***	-0.471***	-0.768***	0.434***	-0.766***	0.558***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Extreme left	-0.333***	1.000***	0.531***	0.209	-0.238	0.033	0.557***	-0.433***	-0.088	-0.028
	(0.000)	(0.000)	(0.000)	(0.029)	(0.012)	(0.729)	(0.000)	(0.000)	(0.358)	(0.772)
Center-left	-0.643***	0.531***	1.000***	0.515***	0.131	0.279***	0.813***	-0.647***	0.375***	-0.592***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.172)	(0.003)	(0.000)	(0.000)	(0.000)	(0.000)
Liberals	-0.675***	0.209	0.515***	1.000***	0.486***	0.194	0.641***	-0.249***	0.552***	-0.553***
	(0.000)	(0.029)	(0.000)	(0.000)	(0.000)	(0.042)	(0.000)	(0.009)	(0.000)	(0.000)
Center-right	-0.664***	-0.238	0.131	0.486***	1.000***	0.481***	0.324***	-0.003	0.930***	-0.711***
	(0.000)	(0.012)	(0.172)	(0.000)	(0.000)	(0.000)	(0.001)	(0.975)	(0.000)	(0.000)
Extreme right	-0.471***	0.033	0.279***	0.194	0.481***	1.000***	0.215	-0.312***	0.518***	-0.462***
	(0.000)	(0.729)	(0.003)	(0.042)	(0.000)	(0.000)	(0.024)	(0.001)	(0.000)	(0.000)
Partito Democratico	-0.768***	0.557***	0.813***	0.641***	0.324***	0.215	1.000***	-0.409***	0.468***	-0.481***
	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)	(0.024)	(0.000)	(0.000)	(0.000)	(0.000)
Forza Italia	0.434***	-0.433***	-0.647***	-0.249***	-0.003	-0.312***	-0.409***	1.000***	-0.345***	0.402***
	(0.000)	(0.000)	(0.000)	(0.009)	(0.975)	(0.001)	(0.000)	(0.000)	(0.000)	(0.000)
Lega	-0.766***	-0.088	0.375***	0.552***	0.930***	0.518***	0.468***	-0.345***	1.000***	-0.817***
	(0.000)	(0.358)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
Movimento 5 Stelle	0.558***	-0.028	-0.592***	-0.553***	-0.711***	-0.462***	-0.481***	0.402***	-0.817***	1.000***
	(0.000)	(0.772)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)

Figure A1.1 - Abstention, 2008-2018



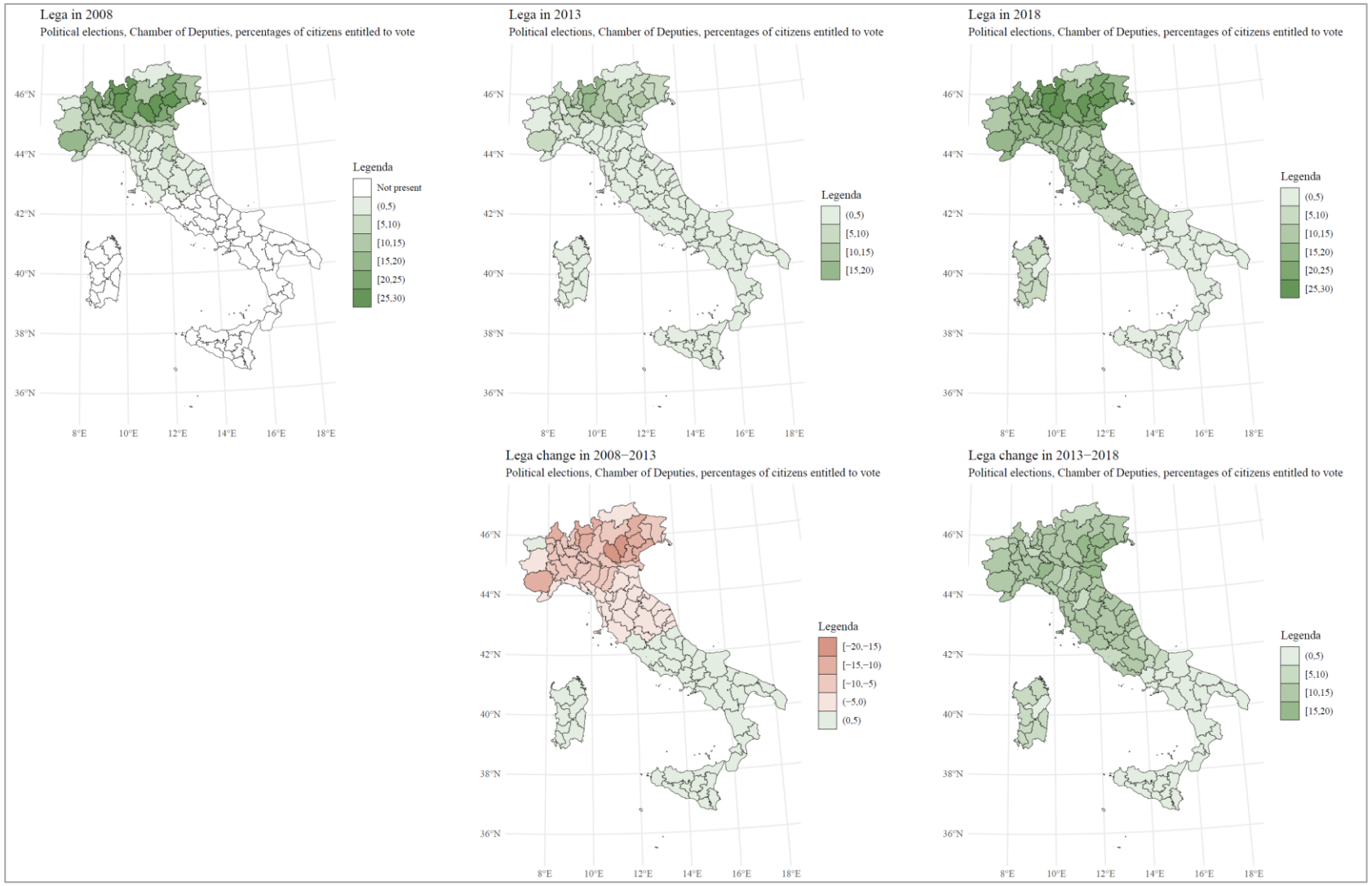
Notes. The total number of voters who abstained or did not cast a valid vote is expressed in percentage points as a share of citizens entitled to vote.

Figure A1.2 - Movimento 5 Stelle, 2008-2018



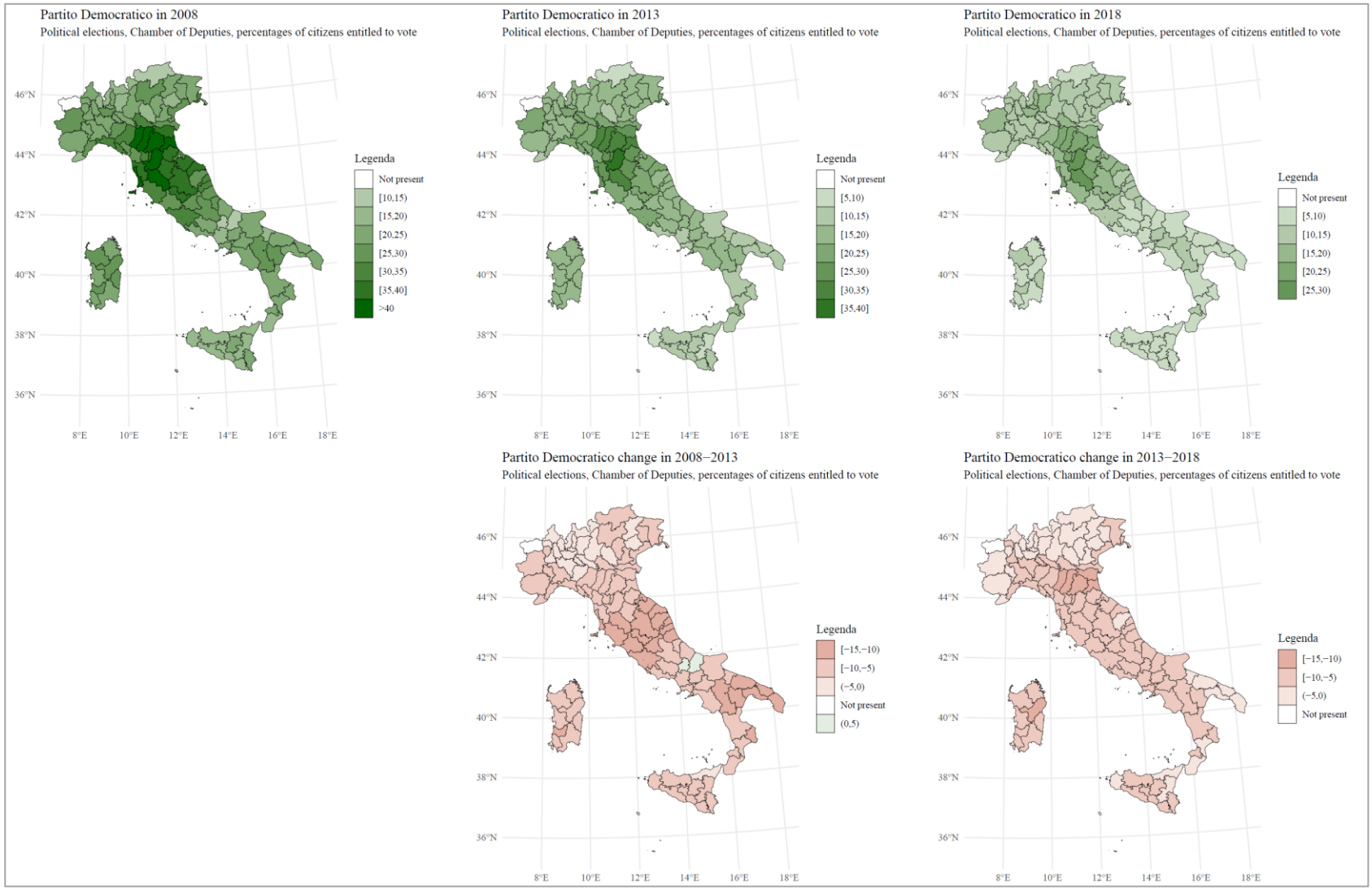
Notes. The total number of valid votes obtained by the party is expressed in percentage points as a share of citizens entitled to vote.

Figure A1.3 - Lega, 2008-2018



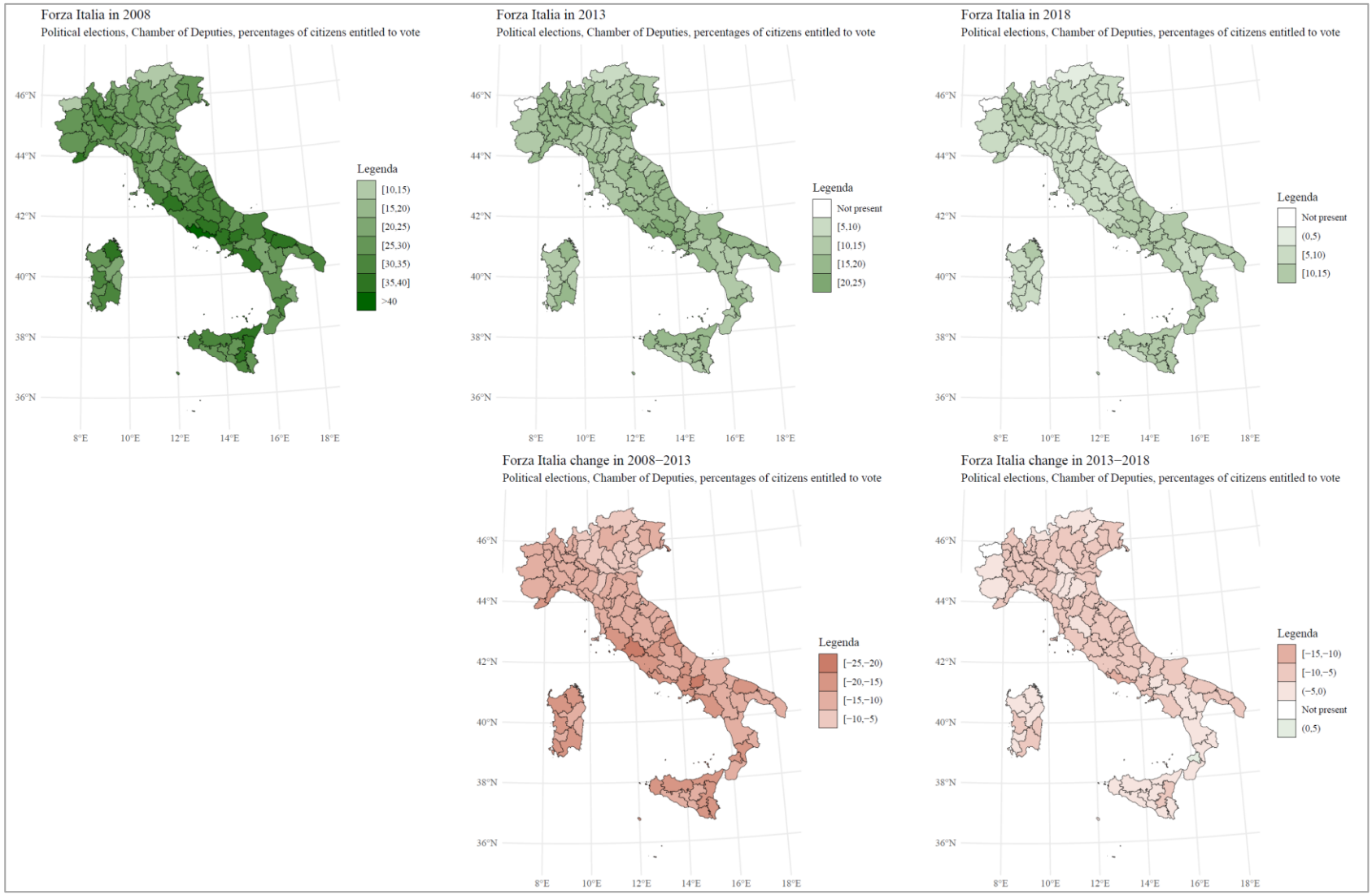
Notes. The total number of valid votes obtained by the party is expressed in percentage points as a share of citizens entitled to vote.

Figure A1.4 - Partito Democratico, 2008-2018



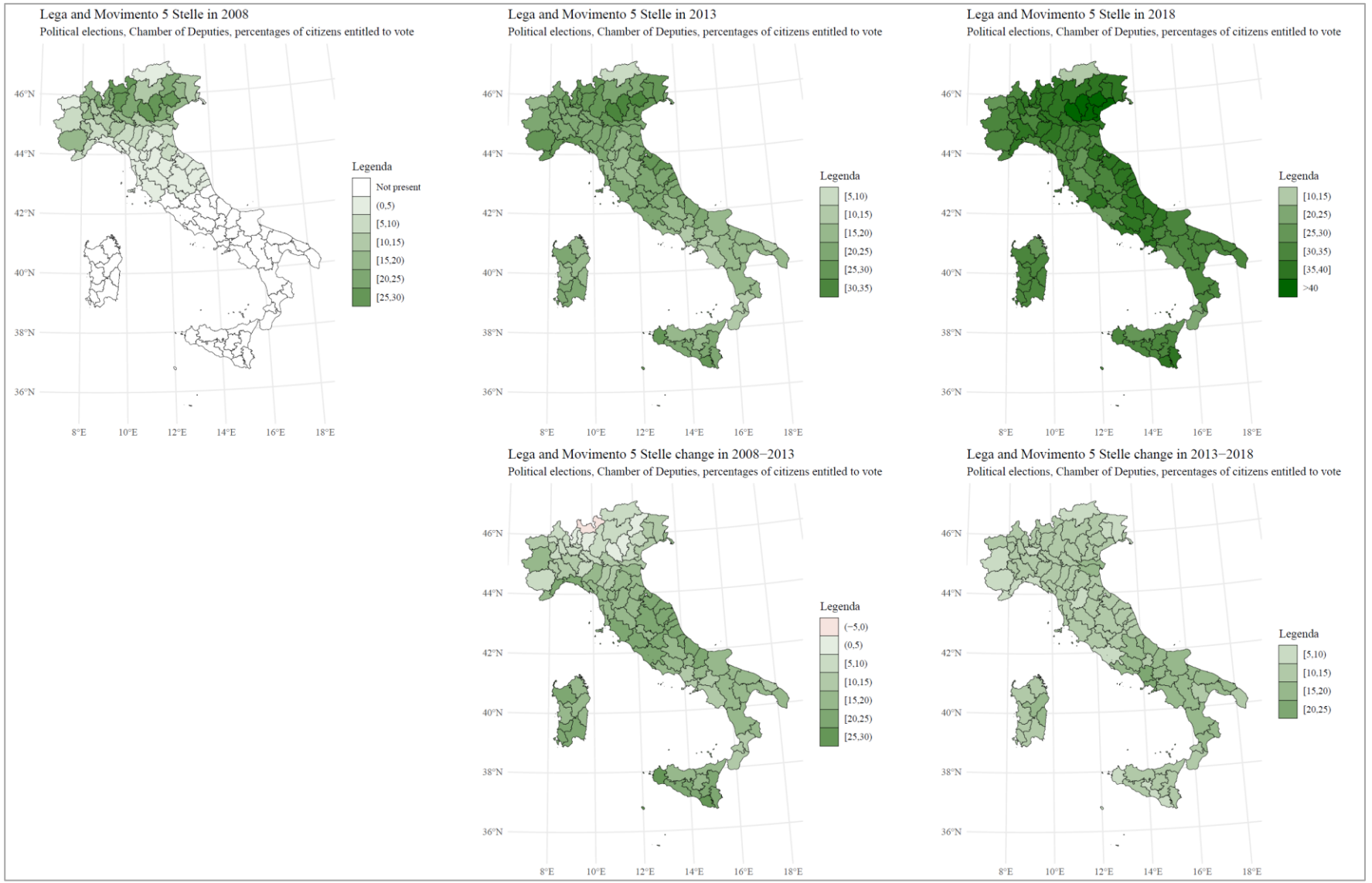
Notes. The total number of valid votes obtained by the party is expressed in percentage points as a share of citizens entitled to vote.

Figure A1.5 - Forza Italia, 2008-2018



Notes. The total number of valid votes obtained by the party is expressed in percentage points as a share of citizens entitled to vote. In 2008, Forza Italia and Alleanza Nazionale (which later became Fratelli d'Italia) stood in the elections together with a list called Il popolo delle libertà (The people of freedom).

Figure A1.6 - Lega and Movimento 5 Stelle, 2008-2018



Notes. The total number of valid votes obtained by the parties is expressed in percentage points as a share of citizens entitled to vote.

Figure A1.7 - Political elections 2008: Scatterplots

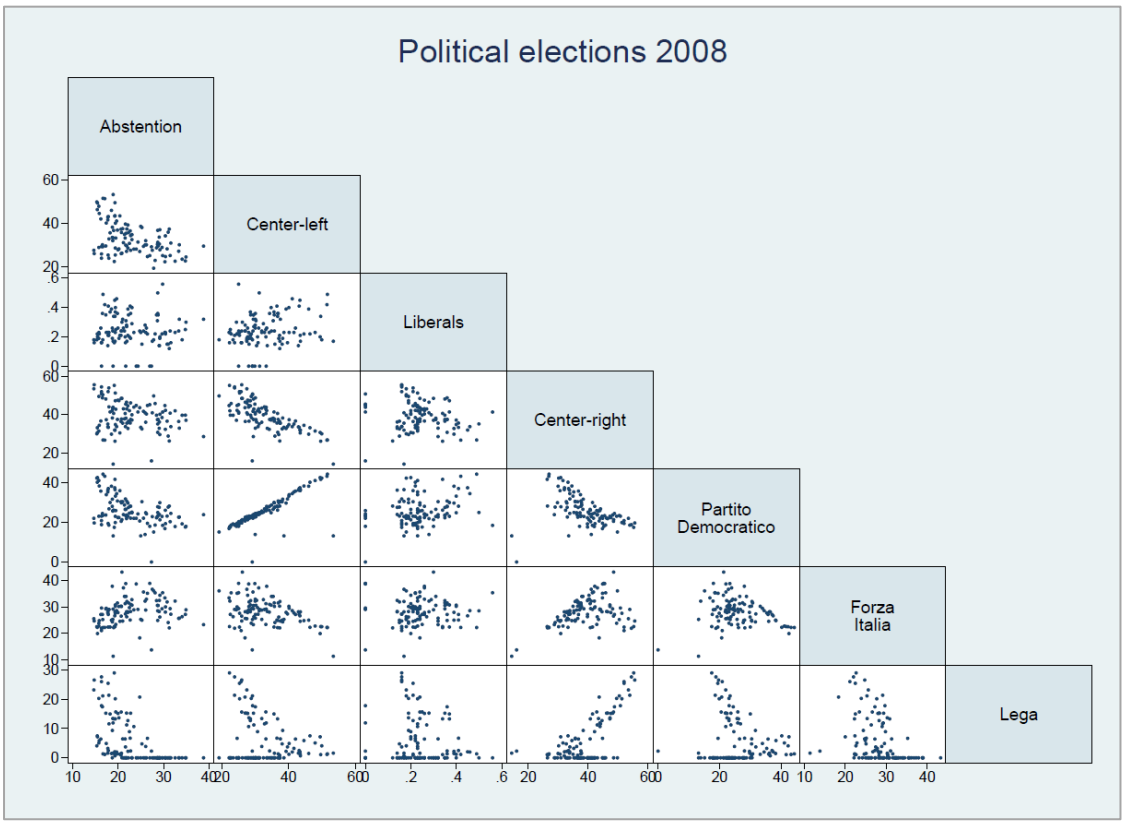


Figure A1.8 - Political elections 2013: Scatterplots

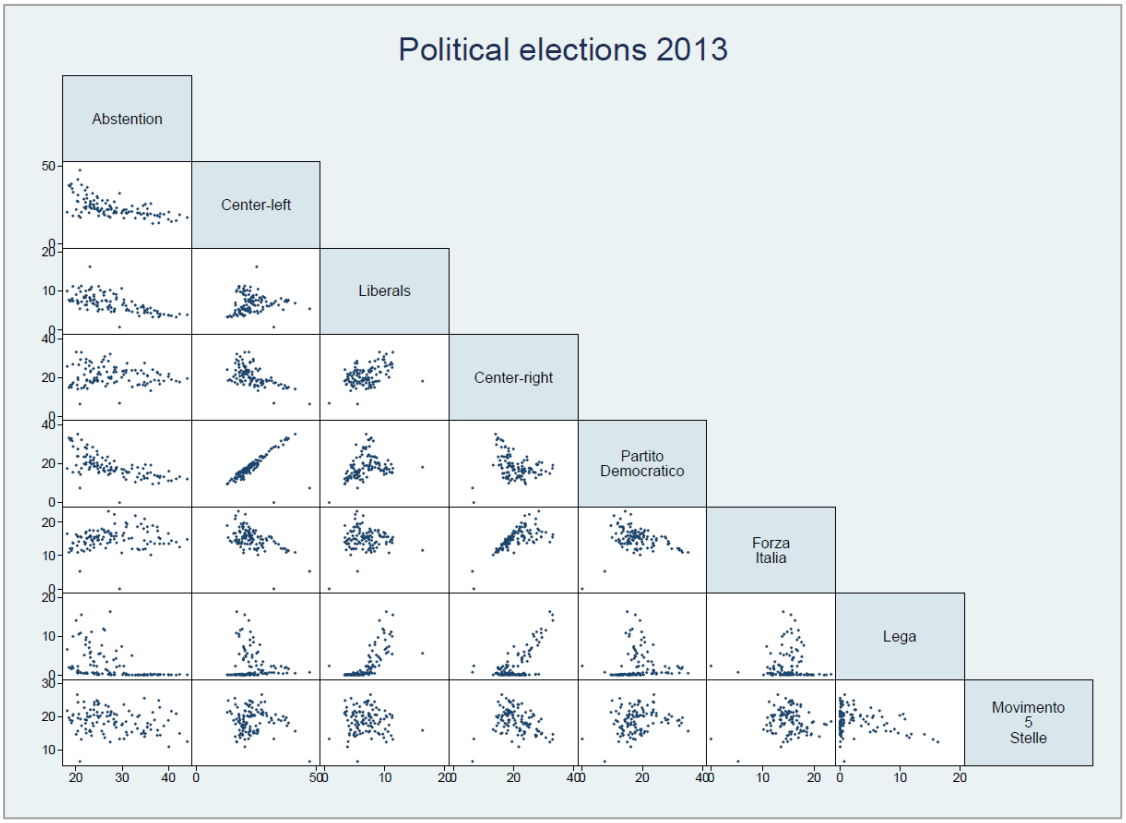


Figure A1.9 - Political elections 2018: Scatterplots

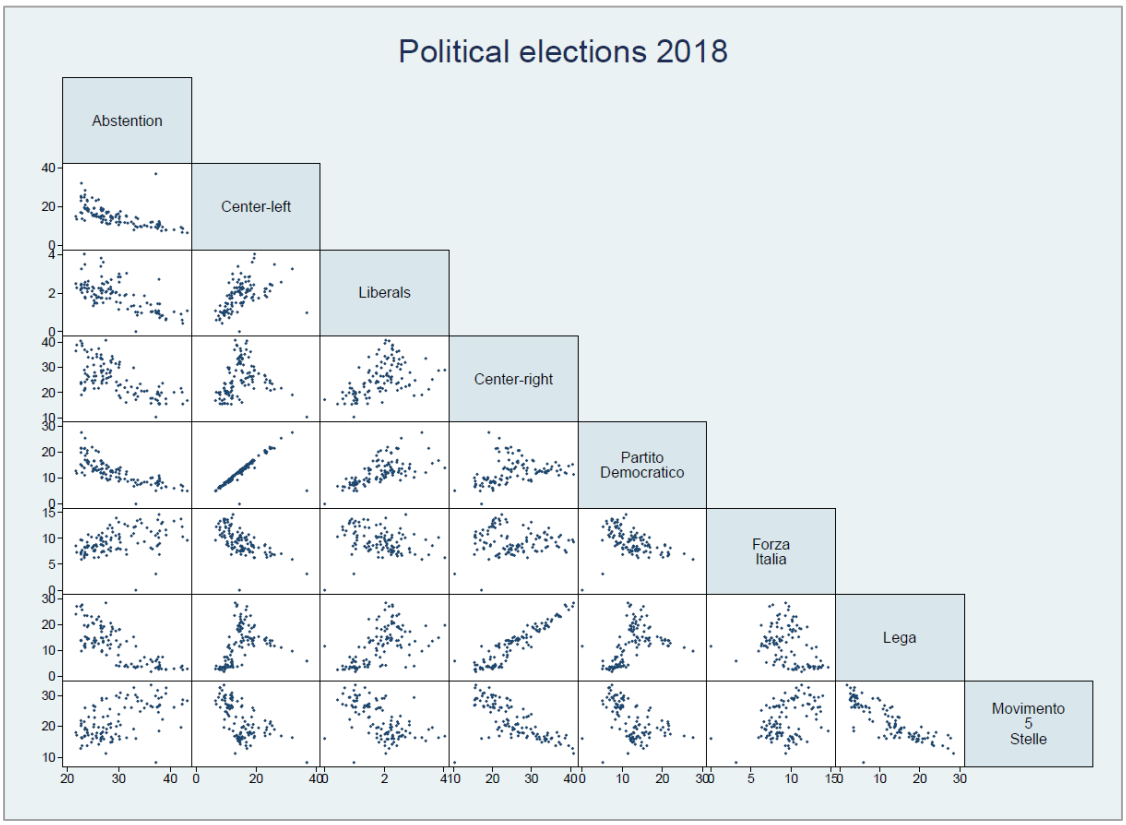


Figure A1.10 - Center-left vs. Center-right, 2008-2018: Scatterplot

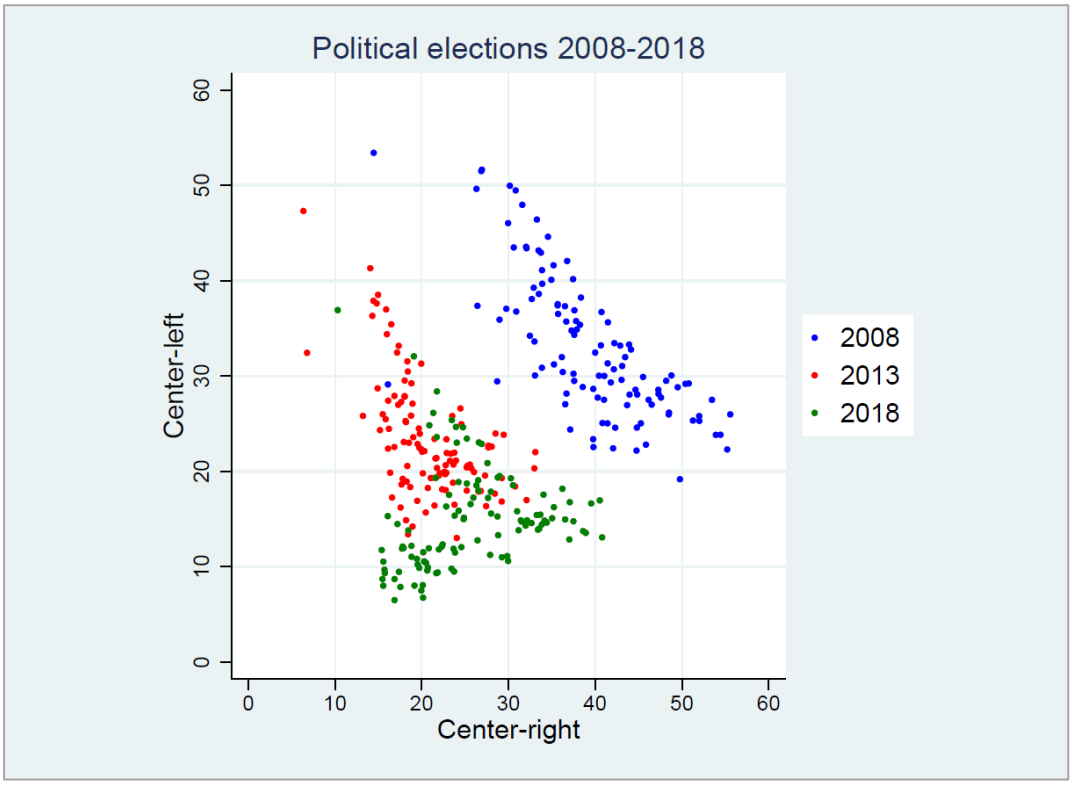
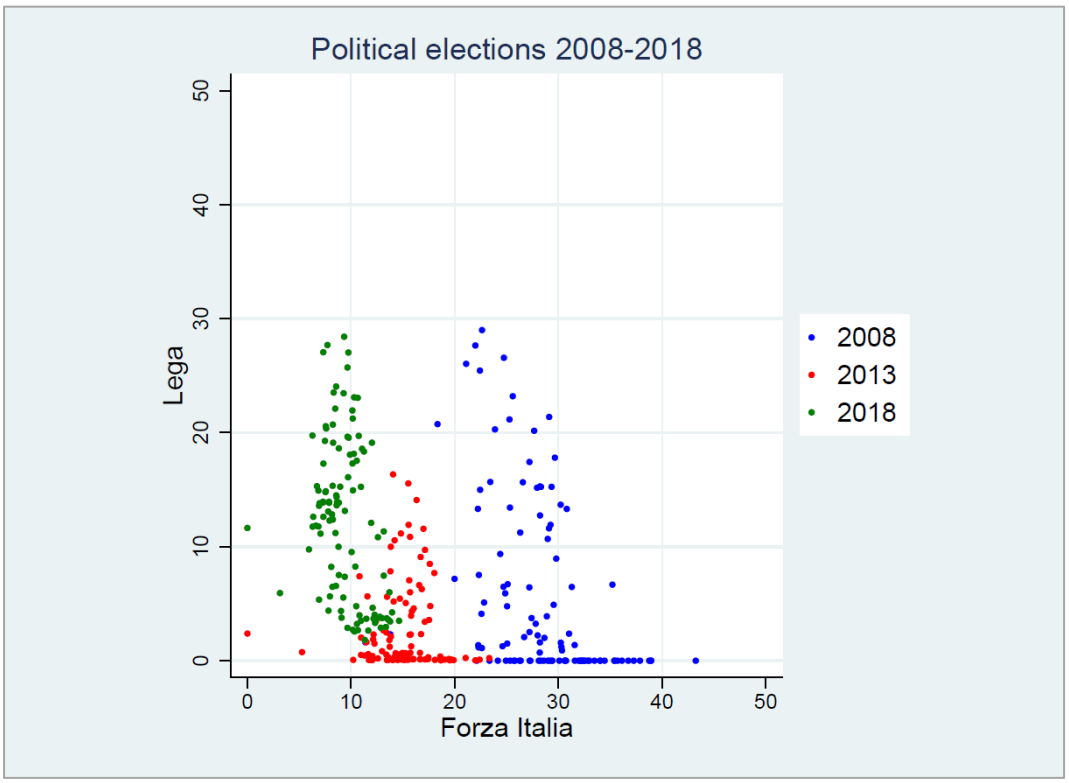


Figure A1.11 - Lega vs. Forza Italia, 2008-2018: Scatterplot



Appendix 2 – Economic performance, Demographic dynamics, and Crime and Security conditions: Variable Description and Correlation Analysis

This appendix complements the descriptive overview in Section 4.2 and ensures full transparency regarding the operationalization of the indicators used in the factor extraction and regression models.

(Tables A2.1–A2.3 and Figure A2.1 follow)

Table A2.1 – Variable description

	Variable	Description
	Crime	
1.	Arsons	Reported crimes per 10,000 inhabitants
2.	Attempted homicides	Reported crimes per 10,000 inhabitants
3.	Bag theft	Reported crimes per 10,000 inhabitants
4.	Home burglaries	Reported crimes per 10,000 inhabitants
5.	Drug-related crimes	Reported crimes per 10,000 inhabitants
6.	Extortions	Reported crimes per 10,000 inhabitants
7.	House robberies	Reported crimes per 10,000 inhabitants
8.	Intentional homicides	Reported crimes per 10,000 inhabitants
9.	Mafia homicides	Reported crimes per 10,000 inhabitants
10.	Micro criminality	Reported crimes per 10,000 inhabitants
11.	Prostitution-related crimes	Reported crimes per 10,000 inhabitants
12.	Sexual violence	Reported crimes per 10,000 inhabitants
13.	Robbery	Reported crimes per 10,000 inhabitants
14.	Robbery homicides	Reported crimes per 10,000 inhabitants
	Demography	
15.	Fertility rate	Number of children per woman
16.	Total growth rate of the population	Rate per thousand inhabitants
17.	Population between 15 and 64 years	Percentage on January 1
18.	Population over 64 years	Percentage on January 1
19.	Population density	Number of inhabitants per square kilometer
20.	Total immigration	Rate per thousand inhabitants
	Economics	
21.	Isolation (highways, airports, and ports)	Travel times to urban and logistic nodes
22.	Participation in the labor market	Labor force aged 15-64 years out of the total population aged 15-64 (percentage)
23.	Participation in the labor market: diff. men-women	Percentage
24.	Exports per capita	Euro per inhabitant
25.	Income inequality	Gini concentration index on equivalent net household income
26.	Non-performing entry rate of loans to households	Percentage of loans to households
27.	Unemployment: job seekers aged 15 and over	Percentage of the population between 15 and 64 years
28.	Value added: manufacturing	Percentage of the total value added
29.	Value added: public sector	Percentage of the total value added
30.	Value added: per capita	Euro per inhabitant
31.	Median gross hourly wage of employees born abroad	Euro
32.	Median gross hourly wage of employees born in Italy	Euro
33.	Mean wage of employees	Euro
34.	Mean wealth per capita	Euro
	Education, innovation, migration	

	Variable	Description
35.	Population having at least a secondary degree	Percentage of the population between 25 and 64 years
36.	Immigration of graduates between 25 and 39 years	Rate per 1,000 resident graduates
37.	Foreign residents	Rate per 10,000 inhabitants between 15 and 64 years
38.	Emigration to other Italian regions	Number of residents who emigrated to other Italian regions per 10,000 inhabitants
39.	Emigration abroad	Number of residents who emigrated abroad per 10,000 inhabitants
40.	Beds in emergency residences for migrants	Rate per 10,000 inhabitants between 15 and 64 years
41.	Newspaper circulation	Average number of newspapers distributed per day per 10,000 inhabitants above 14 yr

Table A2.2 – Correlation matrix – Part I

		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.
1.	Arsons	1.000	0.247*	-0.085	-0.302*	-0.005	0.218*	-0.019	0.085	0.199*	-0.277*	-0.013	-0.223*	-0.122*	-0.049	-0.263*	-0.243*	0.274*	-0.172*	-0.197*	-0.287*	0.214*
			(0.000)	(0.207)	(0.000)	(0.943)	(0.001)	(0.777)	(0.209)	(0.003)	(0.000)	(0.844)	(0.001)	(0.071)	(0.469)	(0.000)	(0.000)	(0.000)	(0.011)	(0.003)	(0.000)	(0.001)
2.	Attempted homicides	0.247*	1.000	0.120*	-0.261*	0.180*	0.343*	0.219*	0.640*	0.501*	-0.131*	-0.050	-0.115*	0.132*	0.178*	-0.162*	-0.166*	0.361*	-0.298*	-0.043	-0.302*	0.273*
		(0.000)		(0.076)	(0.000)	(0.007)	(0.000)	(0.001)	(0.000)	(0.000)	(0.052)	(0.461)	(0.090)	(0.051)	(0.008)	(0.016)	(0.014)	(0.000)	(0.000)	(0.525)	(0.000)	(0.000)
3.	Bag theft	-0.085	0.120*	1.000	0.242*	0.280*	0.273*	0.535*	0.090	0.194*	0.638*	0.196*	0.141*	0.870*	0.020	0.242*	0.232*	0.120*	-0.248*	0.467*	0.095	-0.298*
		(0.207)	(0.076)		(0.000)	(0.000)	(0.000)	(0.000)	(0.183)	(0.004)	(0.000)	(0.003)	(0.036)	(0.000)	(0.770)	(0.000)	(0.001)	(0.075)	(0.000)	(0.000)	(0.159)	(0.000)
4.	Home burglaries	-0.302*	-0.261*	0.242*	1.000	-0.001	-0.248*	0.333*	-0.257*	-0.247*	0.693*	0.319*	0.248*	0.204*	-0.108	0.404*	0.469*	-0.412*	0.302*	0.114*	0.589*	-0.404*
		(0.000)	(0.000)	(0.000)		(0.984)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.002)	(0.111)	(0.000)	(0.000)	(0.000)	(0.000)	(0.093)	(0.000)	(0.000)
5.	Drug-related crimes	-0.005	0.180*	0.280*	-0.001	1.000	0.270*	0.060	-0.009	-0.034	0.269*	0.120*	0.317*	0.229*	0.088	-0.194*	-0.000	-0.137*	0.199*	0.093	0.093	0.010
		(0.943)	(0.007)	(0.000)	(0.984)		(0.000)	(0.375)	(0.896)	(0.617)	(0.000)	(0.076)	(0.000)	(0.001)	(0.191)	(0.004)	(0.996)	(0.043)	(0.003)	(0.168)	(0.169)	(0.887)
6.	Extortions	0.218*	0.343*	0.273*	-0.248*	0.270*	1.000	0.137*	0.193*	0.250*	-0.000	-0.034	-0.032	0.276*	-0.044	-0.201*	-0.311*	0.153*	-0.157*	0.085	-0.371*	-0.014
		(0.001)	(0.000)	(0.000)	(0.000)	(0.000)		(0.043)	(0.004)	(0.000)	(0.998)	(0.618)	(0.639)	(0.000)	(0.516)	(0.003)	(0.000)	(0.024)	(0.020)	(0.208)	(0.000)	(0.837)
7.	House robberies	-0.019	0.219*	0.535*	0.333*	0.060	0.137*	1.000	0.200*	0.127*	0.420*	0.222*	0.067	0.555*	0.094	0.129*	0.212*	0.203*	-0.215*	0.107	0.130*	-0.202*
		(0.777)	(0.001)	(0.000)	(0.000)	(0.375)	(0.043)		(0.003)	(0.060)	(0.000)	(0.001)	(0.320)	(0.000)	(0.163)	(0.056)	(0.002)	(0.003)	(0.001)	(0.113)	(0.054)	(0.003)
8.	Intentional homicides	0.085	0.640*	0.090	-0.257*	-0.009	0.193*	0.200*	1.000	0.655*	-0.147*	-0.129*	-0.201*	0.140*	0.266*	-0.153*	-0.187*	0.316*	-0.275*	-0.032	-0.322*	0.173*
		(0.209)	(0.000)	(0.183)	(0.000)	(0.896)	(0.004)	(0.003)		(0.000)	(0.030)	(0.056)	(0.003)	(0.038)	(0.000)	(0.023)	(0.006)	(0.000)	(0.000)	(0.636)	(0.000)	(0.010)
9.	Mafia homicides	0.199*	0.501*	0.194*	-0.247*	-0.034	0.250*	0.127*	0.655*	1.000	-0.099	-0.052	-0.212*	0.241*	-0.019	0.033	-0.156*	0.237*	-0.306*	0.146*	-0.315*	0.047
		(0.003)	(0.000)	(0.004)	(0.000)	(0.617)	(0.000)	(0.060)	(0.000)		(0.143)	(0.441)	(0.002)	(0.000)	(0.777)	(0.629)	(0.021)	(0.000)	(0.000)	(0.030)	(0.000)	(0.490)
10.	Micro criminality	-0.277*	-0.131*	0.638*	0.693*	0.269*	-0.000	0.420*	-0.147*	-0.099	1.000	0.352*	0.397*	0.618*	-0.070	0.426*	0.555*	-0.205*	0.068	0.373*	0.551*	-0.445*
		(0.000)	(0.052)	(0.000)	(0.000)	(0.000)	(0.998)	(0.000)	(0.030)	(0.143)		(0.000)	(0.000)	(0.000)	(0.301)	(0.000)	(0.000)	(0.002)	(0.318)	(0.000)	(0.000)	(0.000)
11.	Prostitution-related crimes	-0.013	-0.050	0.196*	0.319*	0.120*	-0.034	0.222*	-0.129*	-0.052	0.352*	1.000	0.241*	0.182*	0.045	0.235*	0.295*	-0.162*	0.117*	0.065	0.341*	-0.286*
		(0.844)	(0.461)	(0.003)	(0.000)	(0.076)	(0.618)	(0.001)	(0.056)	(0.441)	(0.000)		(0.000)	(0.007)	(0.504)	(0.000)	(0.000)	(0.016)	(0.084)	(0.338)	(0.000)	(0.000)
12.	Sexual violence	-0.223*	-0.115*	0.141*	0.248*	0.317*	-0.032	0.067	-0.201*	-0.212*	0.397*	0.241*	1.000	0.149*	0.088	0.168*	0.339*	-0.271*	0.262*	0.191*	0.457*	-0.117*
		(0.001)	(0.090)	(0.036)	(0.000)	(0.000)	(0.639)	(0.320)	(0.003)	(0.002)	(0.000)	(0.000)		(0.027)	(0.196)	(0.012)	(0.000)	(0.000)	(0.000)	(0.004)	(0.000)	(0.084)
13.	Robbery	-0.122*	0.132*	0.870*	0.204*	0.229*	0.276*	0.555*	0.140*	0.241*	0.618*	0.182*	0.149*	1.000	0.023	0.288*	0.324*	0.221*	-0.346*	0.623*	0.148*	-0.310*
		(0.071)	(0.051)	(0.000)	(0.002)	(0.001)	(0.000)	(0.000)	(0.038)	(0.000)	(0.000)	(0.007)	(0.027)		(0.733)	(0.000)	(0.000)	(0.001)	(0.000)	(0.000)	(0.028)	(0.000)
14.	Robbery homicides	-0.049	0.178*	0.020	-0.108	0.088	-0.044	0.094	0.266*	-0.019	-0.070	0.045	0.088	0.023	1.000	-0.163*	0.057	0.153*	-0.061	0.015	0.050	0.156*
		(0.469)	(0.008)	(0.770)	(0.111)	(0.191)	(0.516)	(0.163)	(0.000)	(0.777)	(0.301)	(0.504)	(0.196)	(0.733)		(0.015)	(0.398)	(0.023)	(0.370)	(0.826)	(0.465)	(0.021)
15.	Fertility rate	-0.263*	-0.162*	0.242*	0.404*	-0.194*	-0.201*	0.129*	-0.153*	0.033	0.426*	0.235*	0.168*	0.288*	-0.163*	1.000	0.640*	-0.042	-0.277*	0.262*	0.435*	-0.234*
		(0.000)	(0.016)	(0.000)	(0.000)	(0.004)	(0.003)	(0.056)	(0.023)	(0.629)	(0.000)	(0.000)	(0.012)	(0.000)	(0.015)		(0.000)	(0.537)	(0.000)	(0.000)	(0.000)	(0.000)
16.	Total growth rate of population	-0.243*	-0.166*	0.232*	0.469*	-0.000	-0.311*	0.212*	-0.187*	-0.156*	0.555*	0.295*	0.339*	0.324*	0.057	0.640*	1.000	0.108	-0.232*	0.290*	0.857*	-0.160*
		(0.000)	(0.014)	(0.001)	(0.000)	(0.996)	(0.000)	(0.002)	(0.006)	(0.021)	(0.000)	(0.000)	(0.000)	(0.000)	(0.398)	(0.000)		(0.111)	(0.001)	(0.000)	(0.000)	(0.018)
17.	Population between 15 and 64 years	0.274*	0.361*	0.120*	-0.412*	-0.137*	0.153*	0.203*	0.316*	0.237*	-0.205*	-0.162*	-0.271*	0.221*	0.153*	-0.042	0.108	1.000	-0.911*	0.045	-0.319*	0.252*
		(0.000)	(0.000)	(0.075)	(0.000)	(0.043)	(0.024)	(0.003)	(0.000)	(0.000)	(0.002)	(0.016)	(0.000)	(0.001)	(0.023)	(0.537)	(0.111)		(0.000)	(0.509)	(0.000)	(0.000)
18.	Population over 64 years	-0.172*	-0.298*	-0.248*	0.302*	0.199*	-0.157*	-0.215*	-0.275*	-0.306*	0.068	0.117*	0.262*	-0.346*	-0.061	-0.277*	-0.232*	-0.911*	1.000	-0.167*	0.272*	-0.141*
		(0.011)	(0.000)	(0.000)	(0.000)	(0.003)	(0.020)	(0.001)	(0.000)	(0.000)	(0.318)	(0.084)	(0.000)	(0.000)	(0.370)	(0.000)	(0.001)	(0.000)		(0.013)	(0.000)	(0.037)
19.	19. Population density	-0.197*	-0.043	0.467*	0.114*	0.093	0.085	0.107	-0.032	0.146*	0.373*	0.065	0.191*	0.623*	0.015	0.262*	0.290*	0.045	-0.167*	1.000	0.181*	-0.327*
		(0.003)	(0.525)	(0.000)	(0.093)	(0.168)	(0.208)	(0.113)	(0.636)	(0.030)	(0.000)	(0.338)	(0.004)	(0.000)	(0.826)	(0.000)	(0.000)	(0.509)	(0.013)		(0.007)	(0.000)
20.	Total immigration	-0.287*	-0.302*	0.095	0.589*	0.093	-0.371*	0.130*	-0.322*	-0.315*	0.551*	0.341*	0.457*	0.148*	0.050	0.435*	0.857*	-0.319*	0.272*	0.181*	1.000	-0.228*
		(0.000)	(0.000)	(0.159)	(0.000)	(0.169)	(0.000)	(0.054)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.028)	(0.465)	(0.000)	(0.000)	(0.000)	(0.000)	(0.007)		(0.001)
21.	Isolation (highways, airports, and ports)	0.214*	0.273*	-0.298*	-0.404*	0.010	-0.014	-0.202*	0.173*	0.047	-0.445*	-0.286*	-0.117*	-0.310*	0.156*	-0.234*	-0.160*	0.252*	-0.141*	-0.327*	-0.228*	1.000
		(0.001)	(0.000)	(0.000)	(0.000)	(0.887)	(0.837)	(0.003)	(0.010)	(0.490)	(0.000)	(0.000)	(0.084)	(0.000)	(0.021)	(0.000)	(0.018)	(0.000)	(0.037)	(0.000)	(0.001)	
22.	Participation to labor market	-0.467*	-0.545*	-0.145*	0.552*	0.053	-0.383*	-0.253*	-0.448*	-0.408*	0.368*	0.190*	0.368*	-0.165*	-0.112*	0.357*	0.446*	-0.649*	0.550*	0.058	0.681*	-0.232*
		(0.000)	(0.000)	(0.032)	(0.000)	(0.435)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.005)	(0.000)	(0.014)	(0.098)	(0.000)	(0.000)	(0.000)	(0.000)	(0.391)	(0.000)	(0.001)
23.	Participation to labor market: difference between men and women	0.407*	0.353*	0.131*	-0.463*	-0.156*	0.328*	0.161*	0.275*	0.294*	-0.331*	-0.206*	-0.386*	0.129*	-0.014	-0.188*	-0.352*	0.665*	-0.633*	-0.063	-0.645*	0.134*
		(0.000)	(0.000)	(0.052)	(0.000)	(0.020)	(0.000)	(0.017)	(0.000)	(0.000)	(0.000)	(0.002)	(0.000)	(0.057)	(0.832)	(0.005)	(0.000)	(0.000)	(0.000)	(0.351)	(0.000)	(0.047)
24.	Exports per capita	-0.408*	-0.475*	-0.074	0.377*	-0.182*	-0.261*	-0.143*	-0.326*	-0.244*	0.244*	0.077	0.163*	-0.067	-0.112*	0.397*	0.323*	-0.366*	0.225*	0.132*	0.389*	-0.303*
		(0.000)	(0.000)	(0.273)	(0.000)	(0.007)	(0.000)	(0.034)	(0.000)	(0.000)	(0.000)	(0.253)	(0.016)	(0.322)	(0.098)	(0.000)	(0.000)	(0.000)	(0.001)	(0.050)	(0.000)	(0.000)

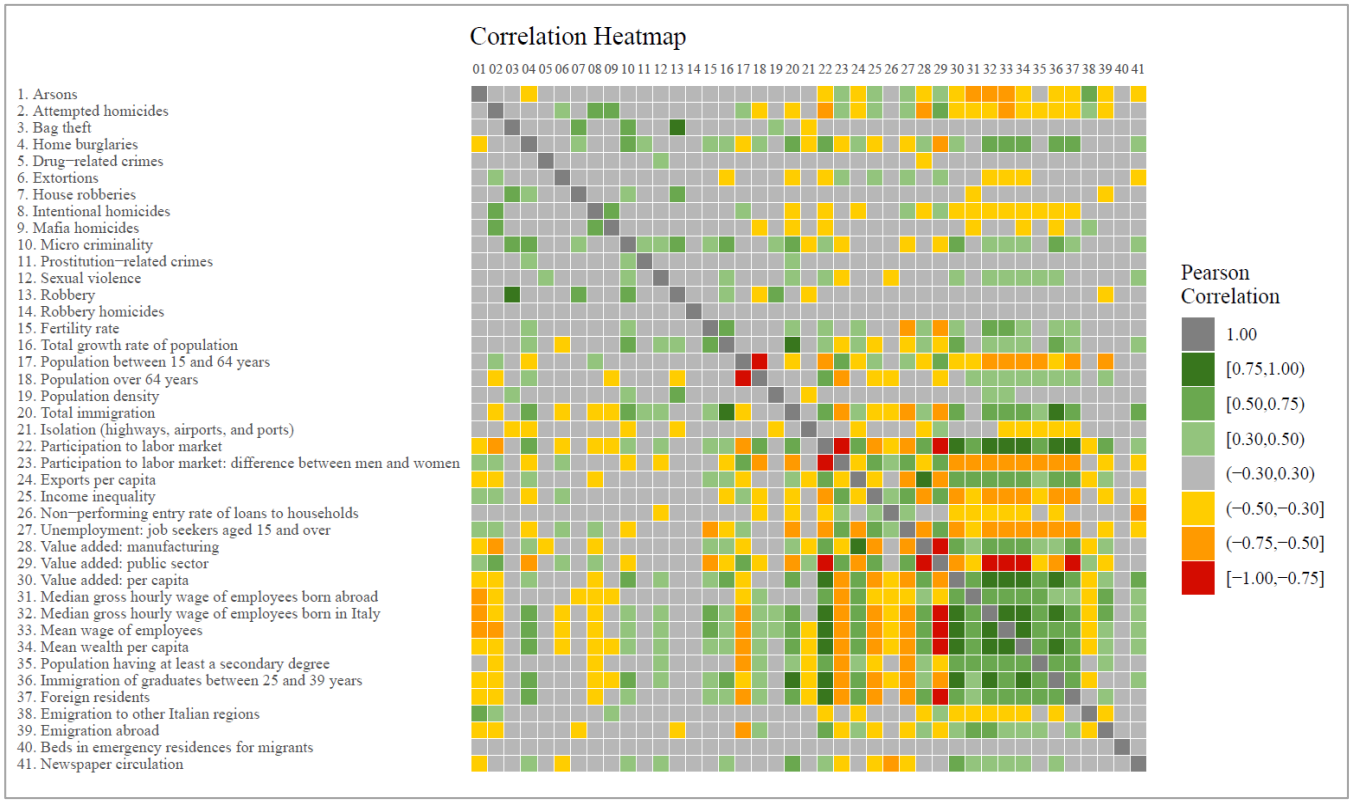
		1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.
25.	Income inequality:	0.430*	0.431*	0.170*	-0.382*	0.078	0.377*	0.137*	0.257*	0.240*	-0.289*	-0.198*	-0.235*	0.159*	0.054	-0.281*	-0.348*	0.455*	-0.389*	0.055	-0.487*	0.190*
		(0.000)	(0.000)	(0.012)	(0.000)	(0.249)	(0.000)	(0.043)	(0.000)	(0.000)	(0.000)	(0.003)	(0.000)	(0.018)	(0.427)	(0.000)	(0.000)	(0.000)	(0.000)	(0.418)	(0.000)	(0.005)
26.	Non-performing entry rate of loans to households	0.199*	0.182*	0.172*	-0.105	-0.095	0.253*	0.197*	0.035	0.196*	-0.048	0.044	-0.321*	0.143*	-0.061	0.007	-0.171*	0.283*	-0.332*	0.018	-0.304*	-0.097
		(0.003)	(0.007)	(0.011)	(0.121)	(0.162)	(0.000)	(0.003)	(0.601)	(0.004)	(0.474)	(0.519)	(0.000)	(0.034)	(0.366)	(0.917)	(0.011)	(0.000)	(0.000)	(0.791)	(0.000)	(0.151)
27.	Unemployment: job seekers aged 15 and over	0.364*	0.475*	0.076	-0.429*	0.141*	0.412*	0.069	0.311*	0.274*	-0.334*	-0.192*	-0.235*	0.051	0.113*	-0.502*	-0.478*	0.410*	-0.252*	-0.076	-0.570*	0.285*
		(0.000)	(0.000)	(0.264)	(0.000)	(0.036)	(0.000)	(0.310)	(0.000)	(0.000)	(0.000)	(0.004)	(0.000)	(0.450)	(0.093)	(0.000)	(0.000)	(0.000)	(0.000)	(0.261)	(0.000)	(0.000)
28.	Value added: manufacturing	-0.410*	-0.542*	-0.138*	0.417*	-0.317*	-0.294*	-0.189*	-0.346*	-0.241*	0.173*	0.074	-0.043	-0.119*	-0.134*	0.403*	0.305*	-0.359*	0.196*	0.094	0.357*	-0.349*
		(0.000)	(0.000)	(0.041)	(0.000)	(0.000)	(0.000)	(0.005)	(0.000)	(0.000)	(0.010)	(0.276)	(0.524)	(0.077)	(0.047)	(0.000)	(0.000)	(0.000)	(0.004)	(0.166)	(0.000)	(0.000)
29.	Value added: public sector	0.434*	0.529*	-0.053	-0.606*	0.085	0.296*	0.138*	0.421*	0.258*	-0.485*	-0.220*	-0.183*	-0.063	0.154*	-0.499*	-0.476*	0.500*	-0.311*	-0.230*	-0.575*	0.363*
		(0.000)	(0.000)	(0.435)	(0.000)	(0.211)	(0.000)	(0.040)	(0.000)	(0.000)	(0.000)	(0.001)	(0.006)	(0.350)	(0.022)	(0.000)	(0.000)	(0.000)	(0.000)	(0.001)	(0.000)	(0.000)
30.	Value added: per capita	-0.488*	-0.395*	0.066	0.448*	0.150*	-0.264*	-0.143*	-0.330*	-0.294*	0.501*	0.117*	0.493*	0.083	-0.043	0.470*	0.572*	-0.439*	0.292*	0.260*	0.660*	-0.206*
		(0.000)	(0.000)	(0.327)	(0.000)	(0.026)	(0.000)	(0.035)	(0.000)	(0.000)	(0.000)	(0.083)	(0.000)	(0.221)	(0.529)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.002)
31.	Median gross hourly wage of employees born abroad	-0.520*	-0.439*	-0.246*	0.197*	-0.023	-0.283*	-0.320*	-0.358*	-0.331*	0.054	-0.059	0.286*	-0.258*	-0.094	0.236*	0.128*	-0.494*	0.407*	-0.052	0.287*	-0.015
		(0.000)	(0.000)	(0.000)	(0.003)	(0.738)	(0.000)	(0.000)	(0.000)	(0.000)	(0.422)	(0.384)	(0.000)	(0.000)	(0.167)	(0.000)	(0.059)	(0.000)	(0.000)	(0.445)	(0.000)	(0.826)
32.	Median gross hourly wage of employees born in Italy	-0.517*	-0.476*	0.002	0.496*	-0.041	-0.334*	-0.164*	-0.364*	-0.283*	0.431*	0.052	0.400*	0.038	-0.114*	0.515*	0.473*	-0.526*	0.357*	0.298*	0.595*	-0.274*
		(0.000)	(0.000)	(0.979)	(0.000)	(0.546)	(0.000)	(0.015)	(0.000)	(0.000)	(0.000)	(0.447)	(0.000)	(0.574)	(0.091)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
33.	Mean wage of employees	-0.514*	-0.515*	0.028	0.500*	-0.069	-0.312*	-0.149*	-0.395*	-0.288*	0.442*	0.092	0.374*	0.079	-0.127*	0.499*	0.469*	-0.507*	0.332*	0.324*	0.585*	-0.360*
		(0.000)	(0.000)	(0.682)	(0.000)	(0.311)	(0.000)	(0.027)	(0.000)	(0.000)	(0.000)	(0.174)	(0.000)	(0.244)	(0.061)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
34.	Mean wealth per capita	-0.470*	-0.481*	0.021	0.564*	0.007	-0.309*	-0.102	-0.397*	-0.318*	0.475*	0.207*	0.450*	0.035	-0.131*	0.486*	0.454*	-0.622*	0.468*	0.206*	0.645*	-0.297*
		(0.000)	(0.000)	(0.757)	(0.000)	(0.922)	(0.000)	(0.130)	(0.000)	(0.000)	(0.000)	(0.002)	(0.000)	(0.608)	(0.051)	(0.000)	(0.000)	(0.000)	(0.000)	(0.002)	(0.000)	(0.000)
35.	Population having at least a secondary degree	-0.171*	-0.467*	-0.074	0.272*	0.085	-0.168*	-0.278*	-0.414*	-0.275*	0.271*	0.116*	0.339*	-0.131*	-0.159*	0.182*	0.233*	-0.561*	0.489*	0.110	0.466*	-0.323*
		(0.011)	(0.000)	(0.274)	(0.000)	(0.209)	(0.013)	(0.000)	(0.000)	(0.000)	(0.000)	(0.085)	(0.000)	(0.052)	(0.018)	(0.007)	(0.000)	(0.000)	(0.000)	(0.104)	(0.000)	(0.000)
36.	Immigration of graduates between 25 and 39 years	-0.455*	-0.453*	0.161*	0.605*	0.115*	-0.281*	0.014	-0.403*	-0.366*	0.608*	0.257*	0.455*	0.156*	-0.060	0.414*	0.619*	-0.443*	0.343*	0.266*	0.774*	-0.360*
		(0.000)	(0.000)	(0.017)	(0.000)	(0.089)	(0.000)	(0.841)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.021)	(0.372)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)
37.	Foreign residents	-0.384*	-0.437*	0.015	0.555*	0.063	-0.227*	-0.140*	-0.375*	-0.247*	0.453*	0.204*	0.278*	0.004	-0.141*	0.486*	0.428*	-0.595*	0.394*	0.130*	0.590*	-0.380*
		(0.000)	(0.000)	(0.831)	(0.000)	(0.354)	(0.001)	(0.038)	(0.000)	(0.000)	(0.000)	(0.002)	(0.000)	(0.957)	(0.037)	(0.000)	(0.000)	(0.000)	(0.000)	(0.054)	(0.000)	(0.000)
38.	Emigration to other Italian regions	0.512*	0.360*	0.006	-0.174*	-0.062	0.163*	0.140*	0.253*	0.353*	-0.128*	0.068	-0.169*	0.019	-0.001	-0.116*	-0.198*	0.107	-0.052	-0.158*	-0.178*	0.039
		(0.000)	(0.000)	(0.931)	(0.010)	(0.361)	(0.015)	(0.038)	(0.000)	(0.000)	(0.058)	(0.318)	(0.012)	(0.781)	(0.987)	(0.085)	(0.003)	(0.114)	(0.440)	(0.019)	(0.008)	(0.566)
39.	Emigration abroad	-0.304*	-0.315*	-0.266*	0.005	0.053	-0.101	-0.456*	-0.280*	-0.176*	-0.081	-0.100	0.247*	-0.324*	-0.155*	0.141*	-0.099	-0.529*	0.415*	-0.006	0.057	-0.025
		(0.000)	(0.000)	(0.000)	(0.945)	(0.434)	(0.136)	(0.000)	(0.000)	(0.009)	(0.233)	(0.139)	(0.000)	(0.000)	(0.021)	(0.037)	(0.145)	(0.000)	(0.000)	(0.931)	(0.403)	(0.717)
40.	Beds in emergency residences for migrants	-0.005	-0.024	0.059	-0.057	0.050	0.033	-0.008	-0.069	-0.011	0.042	-0.031	0.199*	0.023	-0.102	0.164*	-0.007	-0.053	-0.016	0.055	-0.039	-0.065
		(0.943)	(0.718)	(0.381)	(0.401)	(0.460)	(0.621)	(0.911)	(0.310)	(0.866)	(0.537)	(0.645)	(0.003)	(0.736)	(0.131)	(0.015)	(0.914)	(0.438)	(0.816)	(0.418)	(0.563)	(0.339)
41.	Newspaper circulation	-0.353*	-0.107	-0.057	0.307*	0.034	-0.453*	0.101	-0.019	-0.175*	0.306*	0.208*	0.376*	0.002	0.137*	0.268*	0.445*	-0.205*	0.207*	-0.048	0.528*	0.035
		(0.000)	(0.112)	(0.404)	(0.000)	(0.619)	(0.000)	(0.137)	(0.780)	(0.009)	(0.000)	(0.002)	(0.000)	(0.979)	(0.043)	(0.000)	(0.000)	(0.002)	(0.002)	(0.479)	(0.000)	(0.603)

Table A2.3 – Correlation matrix – Part II

		22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.
1.	Arsons	-0.467*	0.407*	-0.408*	0.430*	0.199*	0.364*	-0.410*	0.434*	-0.488*	-0.520*	-0.517*	-0.514*	-0.470*	-0.171*	-0.455*	-0.384*	0.512*	-0.304*	-0.005	-0.353*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.003)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.011)	(0.000)	(0.000)	(0.000)	(0.000)	(0.943)	(0.000)
2.	Attempted homicides	-0.545*	0.353*	-0.475*	0.431*	0.182*	0.475*	-0.542*	0.529*	-0.395*	-0.439*	-0.476*	-0.515*	-0.481*	-0.467*	-0.453*	-0.437*	0.360*	-0.315*	-0.024	-0.107
		(0.000)	(0.000)	(0.000)	(0.000)	(0.007)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.718)	(0.112)
3.	Bag theft	-0.145*	0.131*	-0.074	0.170*	0.172*	0.076	-0.138*	-0.053	0.066	-0.246*	0.002	0.028	0.021	-0.074	0.161*	0.015	0.006	-0.266*	0.059	-0.057
		(0.032)	(0.052)	(0.273)	(0.012)	(0.011)	(0.264)	(0.041)	(0.435)	(0.327)	(0.000)	(0.979)	(0.682)	(0.757)	(0.274)	(0.017)	(0.831)	(0.931)	(0.000)	(0.381)	(0.404)
4.	Home burglaries	0.552*	-0.463*	0.377*	-0.382*	-0.105	-0.429*	0.417*	-0.606*	0.448*	0.197*	0.496*	0.500*	0.564*	0.272*	0.605*	0.555*	-0.174*	0.005	-0.057	0.307*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.121)	(0.000)	(0.000)	(0.000)	(0.000)	(0.003)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.010)	(0.945)	(0.401)	(0.000)
5.	Drug-related crimes	0.053	-0.156*	-0.182*	0.078	-0.095	0.141*	-0.317*	0.085	0.150*	-0.023	-0.041	-0.069	0.007	0.085	0.115*	0.063	-0.062	0.053	0.050	0.034
		(0.435)	(0.020)	(0.007)	(0.249)	(0.162)	(0.036)	(0.000)	(0.211)	(0.026)	(0.738)	(0.546)	(0.311)	(0.922)	(0.209)	(0.089)	(0.354)	(0.361)	(0.434)	(0.460)	(0.619)
6.	Extortions	-0.383*	0.328*	-0.261*	0.377*	0.253*	0.412*	-0.294*	0.296*	-0.264*	-0.283*	-0.334*	-0.312*	-0.309*	-0.168*	-0.281*	-0.227*	0.163*	-0.101	0.033	-0.453*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.013)	(0.000)	(0.001)	(0.015)	(0.136)	(0.621)	(0.000)
7.	House robberies	-0.253*	0.161*	-0.143*	0.137*	0.197*	0.069	-0.189*	0.138*	-0.143*	-0.320*	-0.164*	-0.149*	-0.102	-0.278*	0.014	-0.140*	0.140*	-0.456*	-0.008	0.101
		(0.000)	(0.017)	(0.034)	(0.043)	(0.003)	(0.310)	(0.005)	(0.040)	(0.035)	(0.000)	(0.015)	(0.027)	(0.130)	(0.000)	(0.841)	(0.038)	(0.038)	(0.000)	(0.911)	(0.137)
8.	Intentional homicides	-0.448*	0.275*	-0.326*	0.257*	0.035	0.311*	-0.346*	0.421*	-0.330*	-0.358*	-0.364*	-0.395*	-0.397*	-0.414*	-0.403*	-0.375*	0.253*	-0.280*	-0.069	-0.019
		(0.000)	(0.000)	(0.000)	(0.000)	(0.601)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.310)	(0.780)
9.	Mafia homicides	-0.408*	0.294*	-0.244*	0.240*	0.196*	0.274*	-0.241*	0.258*	-0.294*	-0.331*	-0.283*	-0.288*	-0.318*	-0.275*	-0.366*	-0.247*	0.353*	-0.176*	-0.011	-0.175*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.004)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.009)	(0.866)	(0.009)
10.	Micro criminality	0.368*	-0.331*	0.244*	-0.289*	-0.048	-0.334*	0.173*	-0.485*	0.501*	0.054	0.431*	0.442*	0.475*	0.271*	0.608*	0.453*	-0.128*	-0.081	0.042	0.306*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.474)	(0.000)	(0.010)	(0.000)	(0.000)	(0.422)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.058)	(0.233)	(0.537)	(0.000)
11.	Prostitution-related crimes	0.190*	-0.206*	0.077	-0.198*	0.044	-0.192*	0.074	-0.220*	0.117*	-0.059	0.052	0.092	0.207*	0.116*	0.257*	0.204*	0.068	-0.100	-0.031	0.208*
		(0.005)	(0.002)	(0.253)	(0.003)	(0.519)	(0.004)	(0.276)	(0.001)	(0.083)	(0.384)	(0.447)	(0.174)	(0.002)	(0.085)	(0.000)	(0.002)	(0.318)	(0.139)	(0.645)	(0.002)
12.	Sexual violence	0.368*	-0.386*	0.163*	-0.235*	-0.321*	-0.235*	-0.043	-0.183*	0.493*	0.286*	0.400*	0.374*	0.450*	0.339*	0.455*	0.278*	-0.169*	0.247*	0.199*	0.376*
		(0.000)	(0.000)	(0.016)	(0.000)	(0.000)	(0.000)	(0.524)	(0.006)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.012)	(0.000)	(0.003)	(0.000)
13.	Robbery	-0.165*	0.129*	-0.067	0.159*	0.143*	0.051	-0.119*	-0.063	0.083	-0.258*	0.038	0.079	0.035	-0.131*	0.156*	0.004	0.019	-0.324*	0.023	0.002
		(0.014)	(0.057)	(0.322)	(0.018)	(0.034)	(0.450)	(0.077)	(0.350)	(0.221)	(0.000)	(0.574)	(0.244)	(0.608)	(0.052)	(0.021)	(0.957)	(0.781)	(0.000)	(0.736)	(0.979)
14.	Robbery homicides	-0.112*	-0.014	-0.112*	0.054	-0.061	0.113*	-0.134*	0.154*	-0.043	-0.094	-0.114*	-0.127*	-0.131*	-0.159*	-0.060	-0.141*	-0.001	-0.155*	-0.102	0.137*
		(0.098)	(0.832)	(0.098)	(0.427)	(0.366)	(0.093)	(0.047)	(0.022)	(0.529)	(0.167)	(0.091)	(0.061)	(0.051)	(0.018)	(0.372)	(0.037)	(0.987)	(0.021)	(0.131)	(0.043)
15.	Fertility rate	0.357*	-0.188*	0.397*	-0.281*	0.007	-0.502*	0.403*	-0.499*	0.470*	0.236*	0.515*	0.499*	0.486*	0.182*	0.414*	0.486*	-0.116*	0.141*	0.164*	0.268*
		(0.000)	(0.005)	(0.000)	(0.000)	(0.917)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.007)	(0.000)	(0.000)	(0.085)	(0.037)	(0.015)	(0.000)
16.	Total growth rate of population	0.446*	-0.352*	0.323*	-0.348*	-0.171*	-0.478*	0.305*	-0.476*	0.572*	0.128*	0.473*	0.469*	0.454*	0.233*	0.619*	0.428*	-0.198*	-0.099	-0.007	0.445*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.011)	(0.000)	(0.000)	(0.000)	(0.000)	(0.059)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.003)	(0.145)	(0.914)	(0.000)
17.	Population between 15 and 64 years	-0.649*	0.665*	-0.366*	0.455*	0.283*	0.410*	-0.359*	0.500*	-0.439*	-0.494*	-0.526*	-0.507*	-0.622*	-0.561*	-0.443*	-0.595*	0.107	-0.529*	-0.053	-0.205*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.114)	(0.000)	(0.438)	(0.002)
18.	Population over 64 years	0.550*	-0.633*	0.225*	-0.389*	-0.332*	-0.252*	0.196*	-0.311*	0.292*	0.407*	0.357*	0.332*	0.468*	0.489*	0.343*	0.394*	-0.052	0.415*	-0.016	0.207*
		(0.000)	(0.000)	(0.001)	(0.000)	(0.000)	(0.000)	(0.004)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.440)	(0.000)	(0.816)	(0.002)
19.	19. Population density	0.058	-0.063	0.132*	0.055	0.018	-0.076	0.094	-0.230*	0.260*	-0.052	0.298*	0.324*	0.206*	0.110	0.266*	0.130*	-0.158*	-0.006	0.055	-0.048
		(0.391)	(0.351)	(0.050)	(0.418)	(0.791)	(0.261)	(0.166)	(0.001)	(0.000)	(0.445)	(0.000)	(0.000)	(0.002)	(0.104)	(0.000)	(0.054)	(0.019)	(0.931)	(0.418)	(0.479)
20.	Total immigration	0.681*	-0.645*	0.389*	-0.487*	-0.304*	-0.570*	0.357*	-0.575*	0.660*	0.287*	0.595*	0.585*	0.645*	0.466*	0.774*	0.590*	-0.178*	0.057	-0.039	0.528*
		(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.008)	(0.403)	(0.563)	(0.000)
21.	Isolation (highways, airports, and ports)	-0.232*	0.134*	-0.303*	0.190*	-0.097	0.285*	-0.349*	0.363*	-0.206*	-0.015	-0.274*	-0.360*	-0.297*	-0.323*	-0.360*	-0.380*	0.039	-0.025	-0.065	0.035
		(0.001)	(0.047)	(0.000)	(0.005)	(0.151)	(0.000)	(0.000)	(0.000)	(0.002)	(0.826)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.566)	(0.717)	(0.339)	(0.603)
22.	Participation to labor market	1.000	-0.823*	0.630*	-0.707*	-0.405*	-0.666*	0.649*	-0.800*	0.808*	0.655*	0.804*	0.787*	0.844*	0.659*	0.776*	0.810*	-0.346*	0.505*	-0.015	0.450*
			(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.830)	(0.000)
23.	Participation to labor market: difference between men and women	-0.823*	1.000	-0.464*	0.582*	0.440*	0.581*	-0.433*	0.590*	-0.714*	-0.524*	-0.676*	-0.638*	-0.729*	-0.594*	-0.711*	-0.653*	0.206*	-0.410*	0.030	-0.478*
		(0.000)		(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.002)	(0.000)	(0.655)	(0.000)
24.	Exports per capita	0.630*	-0.464*	1.000	-0.493*	-0.148*	-0.551*	0.809*	-0.733*	0.596*	0.505*	0.711*	0.739*	0.590*	0.445*	0.544*	0.616*	-0.347*	0.363*	0.041	0.213*
		(0.000)	(0.000)		(0.000)	(0.028)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.543)	(0.002)
25.	Income inequality:	-0.707*	0.582*	-0.493*	1.000	0.358*	0.607*	-0.559*	0.589*	-0.570*	-0.492*	-0.560*	-0.555*	-0.590*	-0.382*	-0.535*	-0.524*	0.199*	-0.384*	0.072	-0.469*
		(0.000)	(0.000)	(0.000)		(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.003)	(0.000)	(0.288)	(0.000)
26.	Non-performing entry rate of loans to households	-0.405*	0.440*	-0.148*	0.358*	1.000	0.379*	-0.064	0.174*	-0.475*	-0.416*	-0.412*	-0.381*	-0.465*	-0.253*	-0.324*	-0.138*	0.235*	-0.231*	0.038	-0.513*
		(0.000)	(0.000)	(0.028)	(0.000)		(0.000)	(0.345)	(0.010)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.000)	(0.041)	(0.000)	(0.001)	(0.572)	(0.000)

		22.	23.	24.	25.	26.	27.	28.	29.	30.	31.	32.	33.	34.	35.	36.	37.	38.	39.	40.	41.
27.	Unemployment: job seekers aged 15 and over	-0.666* (0.000)	0.581* (0.000)	-0.551* (0.000)	0.607* (0.000)	0.379* (0.000)	1.000	-0.620* (0.000)	0.666* (0.000)	-0.654* (0.000)	-0.484* (0.000)	-0.689* (0.000)	-0.694* (0.000)	-0.728* (0.000)	-0.512* (0.000)	-0.641* (0.000)	-0.633* (0.000)	0.293* (0.000)	-0.308* (0.000)	0.071 (0.293)	-0.412* (0.000)
28.	Value added: manufacturing	0.649* (0.000)	-0.433* (0.000)	0.809* (0.000)	-0.559* (0.000)	-0.064 (0.345)	-0.620* (0.000)	1.000	-0.816* (0.000)	0.500* (0.000)	0.456* (0.000)	0.651* (0.000)	0.698* (0.000)	0.538* (0.000)	0.371* (0.000)	0.479* (0.000)	0.633* (0.000)	-0.373* (0.000)	0.346* (0.000)	-0.060 (0.379)	0.092 (0.173)
29.	Value added: public sector	-0.800* (0.000)	0.590* (0.000)	-0.733* (0.000)	0.589* (0.000)	0.174* (0.010)	0.666* (0.000)	-0.816* (0.000)	1.000	-0.695* (0.000)	-0.484* (0.000)	-0.764* (0.000)	-0.787* (0.000)	-0.766* (0.000)	-0.464* (0.000)	-0.684* (0.000)	-0.808* (0.000)	0.407* (0.000)	-0.393* (0.000)	0.058 (0.389)	-0.229* (0.001)
30.	Value added: per capita	0.808* (0.000)	-0.714* (0.000)	0.596* (0.000)	-0.570* (0.000)	-0.475* (0.000)	-0.654* (0.000)	0.500* (0.000)	-0.695* (0.000)	1.000	0.622* (0.000)	0.861* (0.000)	0.841* (0.000)	0.842* (0.000)	0.594* (0.000)	0.777* (0.000)	0.708* (0.000)	-0.363* (0.000)	0.454* (0.000)	0.062 (0.363)	0.508* (0.000)
31.	Median gross hourly wage of employees born abroad	0.655* (0.000)	-0.524* (0.000)	0.505* (0.000)	-0.492* (0.000)	-0.416* (0.000)	-0.484* (0.000)	0.456* (0.000)	-0.484* (0.000)	0.622* (0.000)	1.000	0.712* (0.000)	0.647* (0.000)	0.630* (0.000)	0.497* (0.000)	0.472* (0.000)	0.429* (0.000)	-0.467* (0.000)	0.629* (0.000)	0.093 (0.169)	0.381* (0.000)
32.	Median gross hourly wage of employees born in Italy	0.804* (0.000)	-0.676* (0.000)	0.711* (0.000)	-0.560* (0.000)	-0.412* (0.000)	-0.689* (0.000)	0.651* (0.000)	-0.764* (0.000)	0.861* (0.000)	0.712* (0.000)	1.000	0.953* (0.000)	0.863* (0.000)	0.596* (0.000)	0.745* (0.000)	0.729* (0.000)	-0.393* (0.000)	0.498* (0.000)	0.096 (0.155)	0.412* (0.000)
33.	Mean wage of employees	0.787* (0.000)	-0.638* (0.000)	0.739* (0.000)	-0.555* (0.000)	-0.381* (0.000)	-0.694* (0.000)	0.698* (0.000)	-0.787* (0.000)	0.841* (0.000)	0.647* (0.000)	0.953* (0.000)	1.000	0.845* (0.000)	0.596* (0.000)	0.734* (0.000)	0.723* (0.000)	-0.403* (0.000)	0.439* (0.000)	0.053 (0.432)	0.344* (0.000)
34.	Mean wealth per capita	0.844* (0.000)	-0.729* (0.000)	0.590* (0.000)	-0.590* (0.000)	-0.465* (0.000)	-0.728* (0.000)	0.538* (0.000)	-0.766* (0.000)	0.842* (0.000)	0.630* (0.000)	0.863* (0.000)	0.845* (0.000)	1.000	0.570* (0.000)	0.764* (0.000)	0.730* (0.000)	-0.304* (0.000)	0.478* (0.000)	0.005 (0.947)	0.489* (0.000)
35.	Population having at least a secondary degree	0.659* (0.000)	-0.594* (0.000)	0.445* (0.000)	-0.382* (0.000)	-0.253* (0.000)	-0.512* (0.000)	0.371* (0.000)	-0.464* (0.000)	0.594* (0.000)	0.497* (0.000)	0.596* (0.000)	0.596* (0.000)	0.570* (0.000)	1.000	0.631* (0.000)	0.577* (0.000)	-0.108 (0.112)	0.386* (0.000)	0.025 (0.712)	0.171* (0.011)
36.	Immigration of graduates between 25 and 39 years	0.776* (0.000)	-0.711* (0.000)	0.544* (0.000)	-0.535* (0.000)	-0.324* (0.000)	-0.641* (0.000)	0.479* (0.000)	-0.684* (0.000)	0.777* (0.000)	0.472* (0.000)	0.745* (0.000)	0.734* (0.000)	0.764* (0.000)	0.631* (0.000)	1.000	0.705* (0.000)	-0.337* (0.000)	0.271* (0.000)	-0.009 (0.899)	0.448* (0.000)
37.	Foreign residents	0.810* (0.000)	-0.653* (0.000)	0.616* (0.000)	-0.524* (0.000)	-0.138* (0.041)	-0.633* (0.000)	0.633* (0.000)	-0.808* (0.000)	0.708* (0.000)	0.429* (0.000)	0.729* (0.000)	0.723* (0.000)	0.730* (0.000)	0.577* (0.000)	0.705* (0.000)	1.000	-0.215* (0.001)	0.490* (0.000)	0.089 (0.188)	0.235* (0.000)
38.	Emigration to other Italian regions	-0.346* (0.000)	0.206* (0.002)	-0.347* (0.000)	0.199* (0.003)	0.235* (0.000)	0.293* (0.000)	-0.373* (0.000)	0.407* (0.000)	-0.363* (0.000)	-0.467* (0.000)	-0.393* (0.000)	-0.403* (0.000)	-0.304* (0.000)	-0.108 (0.112)	-0.337* (0.000)	-0.215* (0.001)	1.000	-0.299* (0.000)	-0.080 (0.237)	-0.131* (0.052)
39.	Emigration abroad	0.505* (0.000)	-0.410* (0.000)	0.363* (0.000)	-0.384* (0.000)	-0.231* (0.001)	-0.308* (0.000)	0.346* (0.000)	-0.393* (0.000)	0.454* (0.000)	0.629* (0.000)	0.498* (0.000)	0.439* (0.000)	0.478* (0.000)	0.386* (0.000)	0.271* (0.000)	0.490* (0.000)	-0.299* (0.000)	1.000	0.201* (0.003)	0.109 (0.107)
40.	Beds in emergency residences for migrants	-0.015 (0.830)	0.030 (0.655)	0.041 (0.543)	0.072 (0.288)	0.038 (0.572)	0.071 (0.293)	-0.060 (0.379)	0.058 (0.389)	0.062 (0.363)	0.093 (0.169)	0.096 (0.155)	0.053 (0.432)	0.005 (0.947)	0.025 (0.712)	-0.009 (0.899)	0.089 (0.188)	-0.080 (0.237)	0.201* (0.003)	1.000	-0.025 (0.717)
41.	Newspaper circulation	0.450* (0.000)	-0.478* (0.000)	0.213* (0.002)	-0.469* (0.000)	-0.513* (0.000)	-0.412* (0.000)	0.092 (0.173)	-0.229* (0.001)	0.508* (0.000)	0.381* (0.000)	0.412* (0.000)	0.344* (0.000)	0.489* (0.000)	0.171* (0.011)	0.448* (0.000)	0.235* (0.000)	-0.131* (0.052)	0.109 (0.107)	-0.025 (0.717)	1.000

Figure A2.1 - Correlation Heatmap



Appendix 3 – Factor Analysis

This appendix provides the full interpretation of the nine latent factors extracted through the factor analysis described in Section 5.3 of the main text. The discussion below elaborates how each factor corresponds to underlying socio-territorial dynamics and how these components vary across provinces.

- Factor 1 reflects long-term economic well-being, with higher values in Northern and Northeastern provinces characterized by higher employment rates and productive specialization, and lower values in Southern and internal areas experiencing persistent economic stagnation.
- Factor 2 captures industrial and occupational decline, differentiating territories with weakening manufacturing capacity and labor market instability from those that retain diversified productive structures.
- Factor 3 reflects demographic vitality, distinguishing growing urban and peri-urban areas from provinces affected by aging and population loss.
- Factor 4 is associated with crime in less industrialized areas, highlighting territories where economic fragility coexists with localized criminality.
- Factor 5 reflects organized crime violence, showing higher values in areas with entrenched criminal networks.
- Factor 6 captures property and petty crime, typically concentrated in more densely urbanized contexts.
- Factor 7 relates to pressures linked to immigration and asylum reception, particularly in provinces where local governance capacity is strained.
- Factor 8 captures crimes against women, reflecting both reporting patterns and underlying gendered security vulnerabilities.
- Factor 9 accounts for institutional strain and local administrative fragility, aligning with areas where public service capacity is weaker.

Overall, the factor structure highlights the multidimensional nature of territorial inequality in Italy, in line with the literature emphasizing the role of economic divergence, demographic imbalance, and unequal security environments in shaping political behavior and institutional confidence.

(Tables A3.1–A3.5 and Figures A3.1–A3.18 follow)

Table A3.1 – Factor analysis, loading factors greater than 0.3

Variable	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9	Communality	Uniqueness
1. Arsons	-0.384					0.682				0.709	0.291
2. Attempted homicides	-0.380			0.328	0.593					0.680	0.320
3. Bag theft		0.917								0.868	0.132
4. Home burglaries	0.517	0.339	-0.314						0.428	0.767	0.233
5. Drug-related crimes		0.344		0.682						0.644	0.356
6. Extortions		0.311			0.319	0.379			0.329	0.564	0.436
7. House robberies		0.482							0.671	0.750	0.250
8. Intentional homicides					0.804					0.778	0.222
9. Mafia homicides		0.345			0.606					0.734	0.266
10. Micro criminality	0.403	0.796								0.904	0.096
11. Prostitution-related crimes								0.757		0.697	0.303
12. Sexual violence	0.369			0.474			0.340	0.471		0.773	0.227
13. Robbery		0.901								0.890	0.110
14. Robbery homicides				0.384	0.474	-0.323		0.398		0.692	0.308
15. Fertility rate	0.481		0.418				0.529			0.809	0.191
16. Total growth rate of population	0.781		0.456							0.893	0.107
17. Population between 15 and 64 years	-0.505		0.790							0.908	0.092
18. Population over 64 years	0.319		-0.875							0.933	0.067
19. Population density		0.655							-0.335	0.738	0.262
20. Total immigration	0.869									0.887	0.113
21. Isolation (highways, airports, and ports)		-0.491		0.421				-0.329		0.645	0.355
22. Participation to labor market	0.882									0.911	0.089
23. Participation to labor market: difference between men and women	-0.804		0.325							0.812	0.188
24. Exports per capita	0.668			-0.482						0.751	0.249
25. Income inequality: Gini concentration index on equivalent net household income	-0.656		0.391							0.697	0.303
26. Non-performing entry rate of loans to households	-0.648									0.646	0.354
27. Unemployment: job seekers aged 15 and over	-0.805									0.717	0.283
28. Value added: manufacturing	0.601			-0.668						0.881	0.119
29. Value added: public sector	-0.761			0.426						0.878	0.122

Variable	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9	Communality	Uniqueness
30. Value added: per capita	0.907									0.895	0.105
31. Median gross hourly wage of employees born abroad	0.639					-0.364	0.352			0.747	0.253
32. Median gross hourly wage of employees born in Italy	0.869									0.893	0.107
33. Mean wage of employees	0.833									0.874	0.126
34. Mean wealth per capita	0.870									0.868	0.132
35. Population having at least a secondary degree	0.699				-0.323					0.762	0.238
36. Immigration of graduates between 25 and 39 years	0.848									0.844	0.156
37. Foreign residents	0.763									0.768	0.232
38. Emigration to other Italian regions	-0.335					0.765				0.745	0.255
39. Emigration abroad	0.413						0.579			0.656	0.344
40. Beds in emergency residences for migrants							0.671			0.557	0.443
41. Newspaper circulation	0.708									0.747	0.253
Eigenvalues	15.569	4.517	2.981	2.473	1.607	1.352	1.330	1.056	1.027		
Difference	11.051	1.537	0.508	0.866	0.255	0.022	0.273	0.030			
Proportion	0.380	0.110	0.073	0.060	0.039	0.033	0.032	0.026	0.025		
Cumulative proportion	0.380	0.490	0.563	0.623	0.662	0.695	0.728	0.753	0.778		
Explained variance	13.468	4.209	2.890	2.691	2.354	1.903	1.640	1.453	1.302		
Number of variables	41.000										
Number of retained factors	9.000										

Notes. Factor loadings below 0.3 are omitted.

Table A3.2 – Factor analysis – Full table

Variable	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9	Communality	Uniqueness
1. Arsons	-0.384	-0.183	0.117	0.117	-0.120	0.682	-0.142	0.024	0.027	0.709	0.291
2. Attempted homicides	-0.380	0.018	0.128	0.328	0.593	0.122	0.055	-0.154	0.137	0.680	0.320
3. Bag theft	0.090	0.917	0.048	0.083	0.014	-0.039	0.049	-0.030	0.073	0.868	0.132
4. Home burglaries	0.517	0.339	-0.314	-0.147	-0.245	-0.069	-0.030	-0.124	0.428	0.767	0.233
5. Drug-related crimes	-0.036	0.344	-0.217	0.682	0.017	-0.030	-0.090	0.057	0.007	0.644	0.356
6. Extortions	-0.268	0.311	0.123	0.106	0.319	0.379	0.027	0.124	0.329	0.564	0.436
7. House robberies	-0.063	0.482	-0.022	-0.045	0.010	-0.034	-0.011	0.243	0.671	0.750	0.250
8. Intentional homicides	-0.277	-0.054	0.059	0.094	0.804	-0.071	-0.160	-0.083	-0.050	0.778	0.222
9. Mafia homicides	-0.279	0.345	0.071	-0.262	0.606	0.286	0.041	-0.009	-0.114	0.734	0.266
10. Micro criminality	0.403	0.796	-0.114	0.082	-0.140	-0.011	0.013	-0.062	0.256	0.904	0.096
11. Prostitution-related crimes	0.133	0.161	-0.205	-0.035	-0.104	0.020	0.083	0.757	0.139	0.697	0.303
12. Sexual violence	0.369	0.191	-0.150	0.474	-0.078	0.001	0.340	0.471	-0.097	0.773	0.227
13. Robbery	0.052	0.901	0.204	0.045	0.126	-0.019	-0.018	0.112	0.054	0.890	0.110
14. Robbery homicides	0.063	-0.022	0.037	0.384	0.474	-0.323	-0.200	0.398	0.106	0.692	0.308
15. Fertility rate	0.481	0.190	0.418	-0.274	-0.082	0.040	0.529	-0.034	-0.042	0.809	0.191
16. Total growth rate of population	0.781	0.164	0.456	0.078	-0.055	-0.074	-0.040	0.144	0.105	0.893	0.107
17. Population between 15 and 64 years	-0.505	0.024	0.790	0.058	0.100	-0.011	-0.089	-0.077	-0.022	0.908	0.092
18. Population over 64 years	0.319	-0.168	-0.875	0.106	-0.062	0.013	-0.082	0.120	0.028	0.933	0.067
19. Population density	0.172	0.655	0.280	-0.049	0.030	-0.112	-0.085	0.255	-0.335	0.738	0.262
20. Total immigration	0.869	0.036	-0.073	0.132	-0.101	-0.012	-0.145	0.233	0.149	0.887	0.113
21. Isolation (highways, airports, and ports)	-0.154	-0.491	0.210	0.421	0.214	-0.018	0.015	-0.329	0.065	0.645	0.355
22. Participation to labor market	0.882	-0.002	-0.290	-0.109	-0.172	-0.087	0.022	-0.003	-0.012	0.911	0.089
23. Participation to labor market: difference between men and women	-0.804	0.038	0.325	-0.140	0.071	0.124	0.104	-0.053	-0.070	0.812	0.188
24. Exports per capita	0.668	-0.024	-0.038	-0.482	-0.102	-0.195	0.111	0.094	-0.015	0.751	0.249
25. Income inequality: Gini concentration index on equivalent net household income	-0.656	0.059	0.391	0.285	0.019	0.061	-0.080	-0.129	0.043	0.697	0.303
26. Non-performing entry rate of loans to households	-0.648	0.173	0.103	-0.257	-0.298	0.044	0.026	0.056	0.160	0.646	0.354
27. Unemployment: job seekers aged 15 and over	-0.805	0.051	0.041	0.200	0.123	0.087	-0.022	-0.008	0.034	0.717	0.283
28. Value added: manufacturing	0.601	-0.069	-0.045	-0.668	-0.131	-0.212	-0.008	0.012	0.065	0.881	0.119
29. Value added: public sector	-0.761	-0.190	0.107	0.426	0.195	0.153	0.001	0.035	-0.085	0.878	0.122

Variable	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9	Communality	Uniqueness
30. Value added: per capita	0.907	0.170	-0.023	0.054	-0.025	-0.135	0.120	-0.014	-0.078	0.895	0.105
31. Median gross hourly wage of employees born abroad	0.639	-0.153	-0.163	-0.042	0.008	-0.364	0.352	-0.088	-0.149	0.747	0.253
32. Median gross hourly wage of employees born in Italy	0.869	0.142	-0.067	-0.153	-0.040	-0.191	0.198	-0.012	-0.108	0.893	0.107
33. Mean wage of employees	0.833	0.171	-0.079	-0.261	-0.106	-0.171	0.120	0.050	-0.137	0.874	0.126
34. Mean wealth per capita	0.870	0.131	-0.211	-0.066	-0.079	-0.083	0.169	0.018	-0.047	0.868	0.132
35. Population having at least a secondary degree	0.699	0.052	-0.254	-0.007	-0.323	0.163	-0.059	0.086	-0.252	0.762	0.238
36. Immigration of graduates between 25 and 39 years	0.848	0.241	-0.091	0.051	-0.158	-0.112	-0.100	0.067	0.065	0.844	0.156
37. Foreign residents	0.763	0.208	-0.143	-0.186	-0.206	0.099	0.102	0.025	0.156	0.768	0.232
38. Emigration to other Italian regions	-0.335	-0.080	-0.152	0.054	0.097	0.765	0.015	-0.041	-0.057	0.745	0.255
39. Emigration abroad	0.413	-0.231	-0.200	-0.050	-0.062	-0.136	0.579	0.021	-0.177	0.656	0.344
40. Beds in emergency residences for migrants	-0.130	0.038	0.098	0.075	-0.148	-0.037	0.671	0.156	0.163	0.557	0.443
41. Newspaper circulation	0.708	-0.130	-0.220	0.286	0.154	-0.195	0.172	0.080	-0.003	0.747	0.253
Eigenvalues	15.569	4.517	2.981	2.473	1.607	1.352	1.330	1.056	1.027		
Difference	11.051	1.537	0.508	0.866	0.255	0.022	0.273	0.030			
Proportion	0.380	0.110	0.073	0.060	0.039	0.033	0.032	0.026	0.025		
Cumulative proportion	0.380	0.490	0.563	0.623	0.662	0.695	0.728	0.753	0.778		
Explained variance	13.468	4.209	2.890	2.691	2.354	1.903	1.640	1.453	1.302		
Number of variables	41.000										
Number of retained factors	9.000										

Table A3.3 – Factor scores correlation matrix, 2017

	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9
Factor 1	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Factor 2	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Factor 3	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Factor 4	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Factor 5	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Factor 6	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Factor 7	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
Factor 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
Factor 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00

Table A3.4 – Factor scores correlation matrix, 2012 and 2017

	Factor 1	Factor 2	Factor 3	Factor 4	Factor 5	Factor 6	Factor 7	Factor 8	Factor 9
Factor 1	1.00	-0.05	0.08	0.09	-0.13	0.01	0.06	0.06	0.07
Factor 2	-0.05	1.00	0.03	-0.03	0.09	0.06	0.06	-0.03	0.09
Factor 3	0.08	0.03	1.00	0.04	-0.01	0.04	-0.19	0.16	0.21
Factor 4	0.09	-0.03	0.04	1.00	-0.16	-0.09	-0.06	0.01	0.06
Factor 5	-0.13	0.09	-0.01	-0.16	1.00	0.15	0.07	0.03	0.02
Factor 6	0.01	0.06	0.04	-0.09	0.15	1.00	0.01	0.08	-0.01
Factor 7	0.06	0.06	-0.19	-0.06	0.07	0.01	1.00	-0.22	-0.17
Factor 8	0.06	-0.03	0.16	0.01	0.03	0.08	-0.22	1.00	0.22
Factor 9	0.07	0.09	0.21	0.06	0.02	-0.01	-0.17	0.22	1.00

Figure A3.1 - Scree plot of eigenvalues after factors

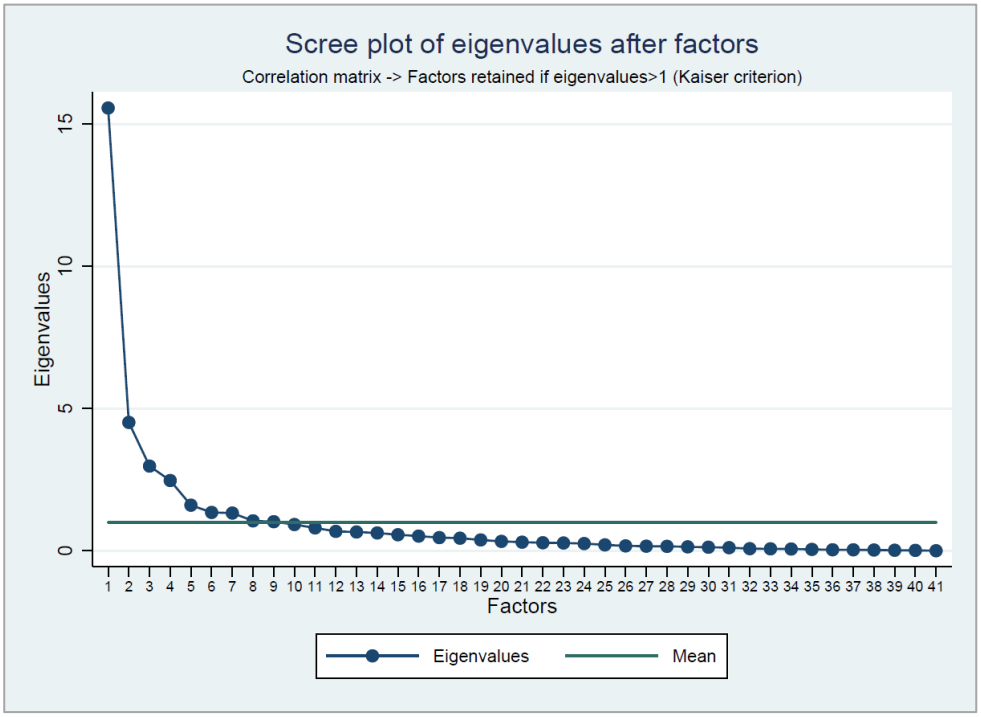


Table A3.5 – Italian provinces in 2018

Province	Acronym	Province	Acronym	Province	Acronym
Agrigento	AG	Genova	GE	Pordenone	PN
Alessandria	AL	Gorizia	GO	Potenza	PZ
Ancona	AN	Grosseto	GR	Prato	PO
Aosta	AO	Imperia	IM	Ragusa	RG
Arezzo	AR	Isernia	IS	Ravenna	RA
Ascoli Piceno	AP	La Spezia	SP	Reggio di Calabria	RC
Asti	AT	L'Aquila	AQ	Reggio nell'Emilia	RE
Avellino	AV	Latina	LT	Rieti	RI
Bari	BA	Lecce	LE	Rimini	RN
Barletta-Andria-Trani	BT	Lecco	LC	Roma	RM
Belluno	BL	Livorno	LI	Rovigo	RO
Benevento	BN	Lodi	LO	Salerno	SA
Bergamo	BG	Lucca	LU	Sassari	SS
Biella	BI	Macerata	MC	Savona	SV
Bologna	BO	Mantova	MN	Siena	SI
Bolzano/Bozen	BZ	Massa-Carrara	MS	Siracusa	SR
Brescia	BS	Matera	MT	Sondrio	SO
Brindisi	BR	Medio Campidano	VS	Sud Sardegna	SU
Cagliari	CA	Messina	ME	Taranto	TA
Caltanissetta	CL	Milano	MI	Teramo	TE
Campobasso	CB	Modena	MO	Terni	TR
Carbonia-Iglesias	CI	Monza e della Brianza	MB	Torino	TO
Caserta	CE	Napoli	NA	Trapani	TP
Catania	CT	Novara	NO	Trento	TN
Catanzaro	CZ	Nuoro	NU	Treviso	TV
Chieti	CH	Ogliastra	OG	Trieste	TS
Como	CO	Olbia-Tempio	OT	Udine	UD
Cosenza	CS	Oristano	OR	Varese	VA
Cremona	CR	Padova	PD	Venezia	VE
Crotone	KR	Palermo	PA	Verbano-Cusio-Ossola	VB
Cuneo	CN	Parma	PR	Vercelli	VC
Enna	EN	Pavia	PV	Verona	VR
Fermo	FM	Perugia	PG	Vibo Valentia	VV
Ferrara	FE	Pesaro e Urbino	PU	Vicenza	VI
Firenze	FI	Pescara	PE	Viterbo	VT
Foggia	FG	Piacenza	PC		
Forlì-Cesena	FC	Pisa	PI		
Frosinone	FR	Pistoia	PT		

Figure A3.2 - Factor 2 Crime in densely populated areas vs. Factor 1 Economic well-being

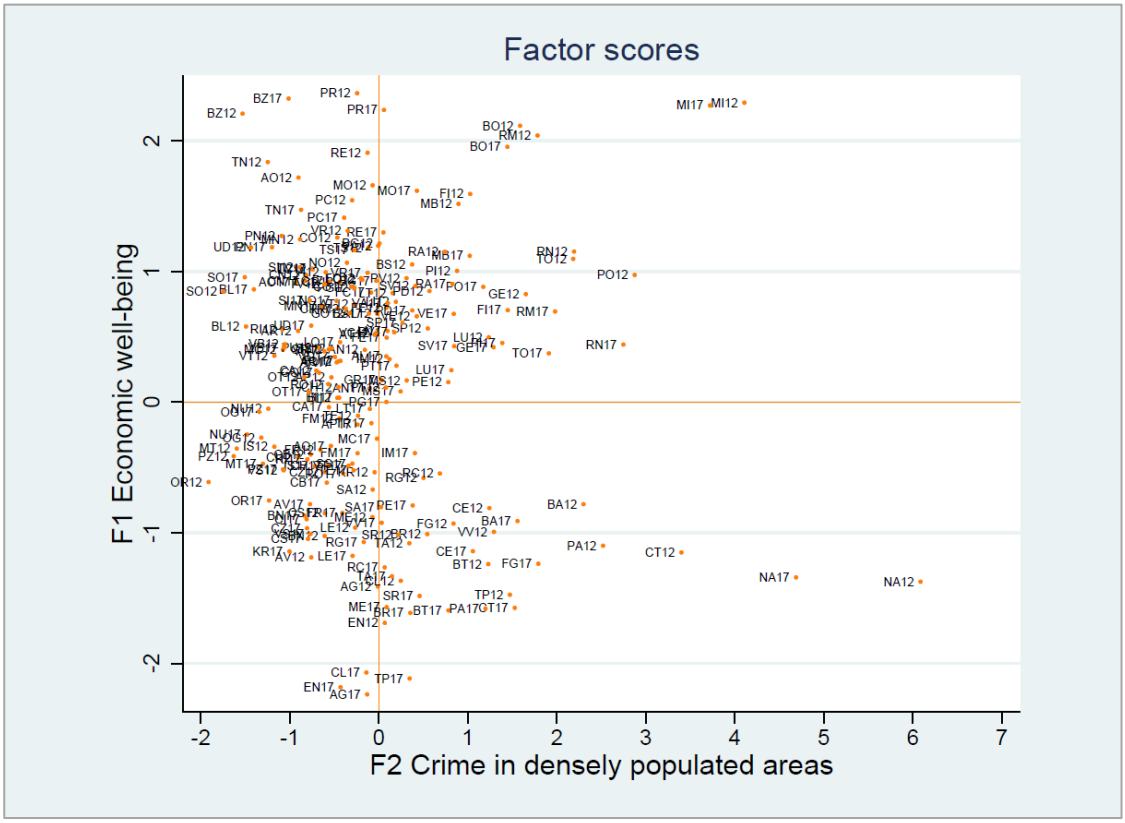


Figure A3.3 – Factor 3 Demographic growth vs. Factor 1 Economic well-being

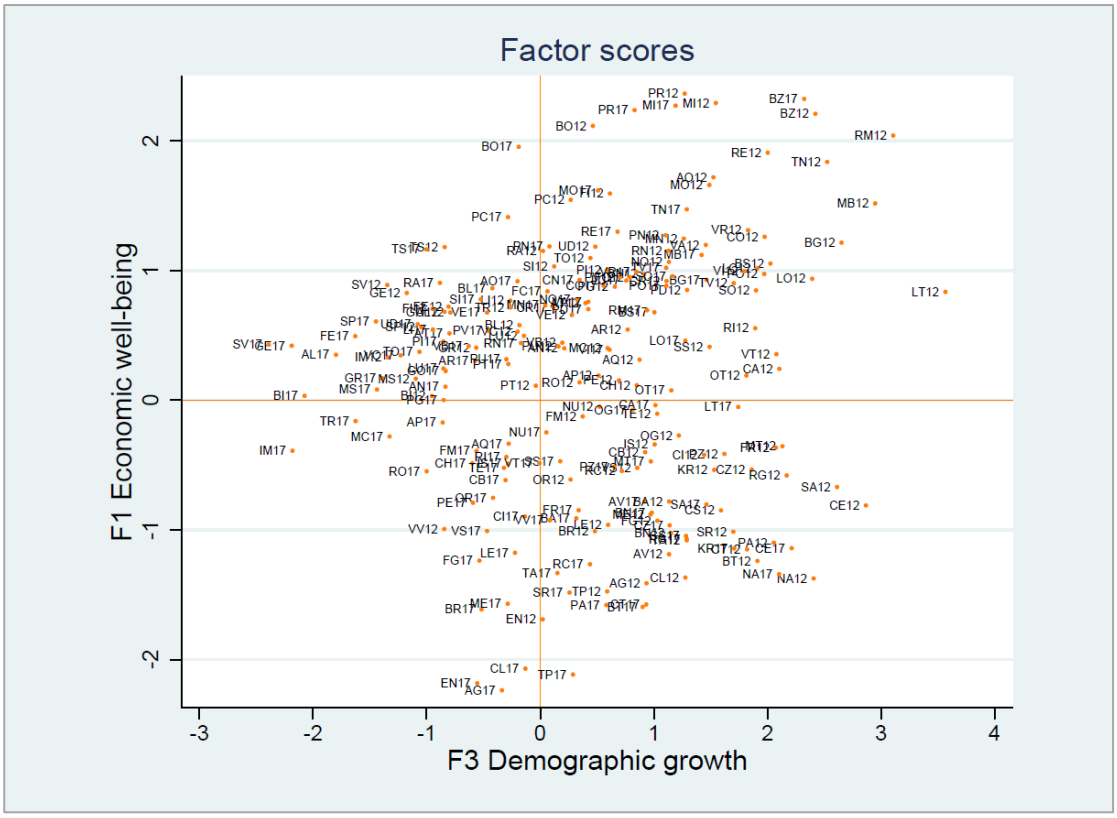


Figure A3.4 - Factor 4 Crime in less industrialized areas vs. Factor 1 Economic well-being

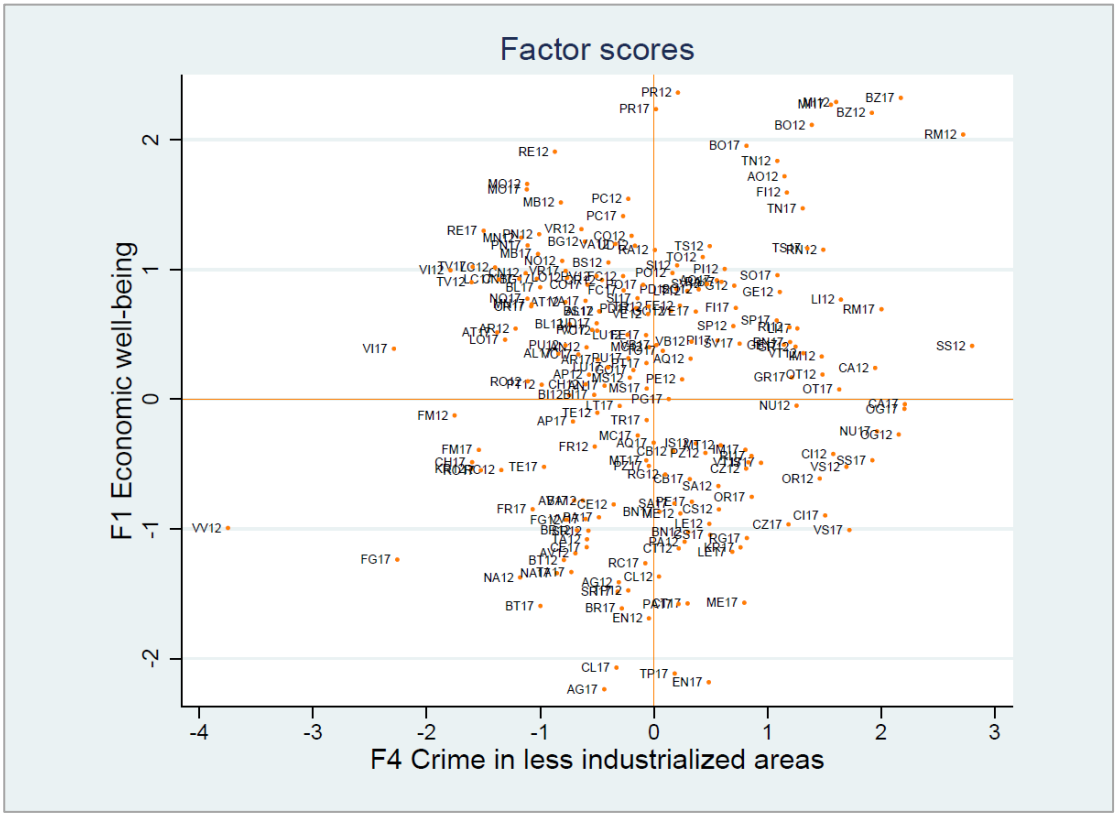


Figure A3.5 - Factor 5 Organized crime violence vs. Factor 1 Economic well-being

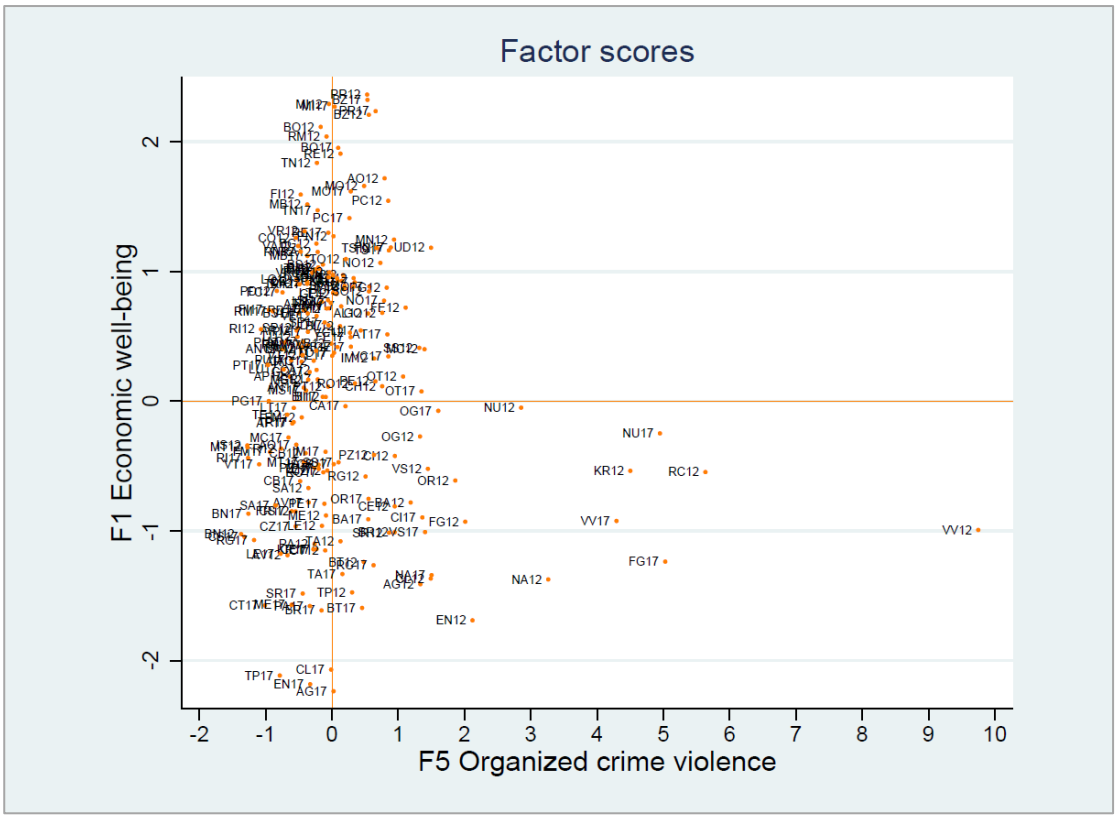


Figure A3.6 - Factor 6 Arsons and extortions in areas with high emigration vs. Factor 1 Economic well-being

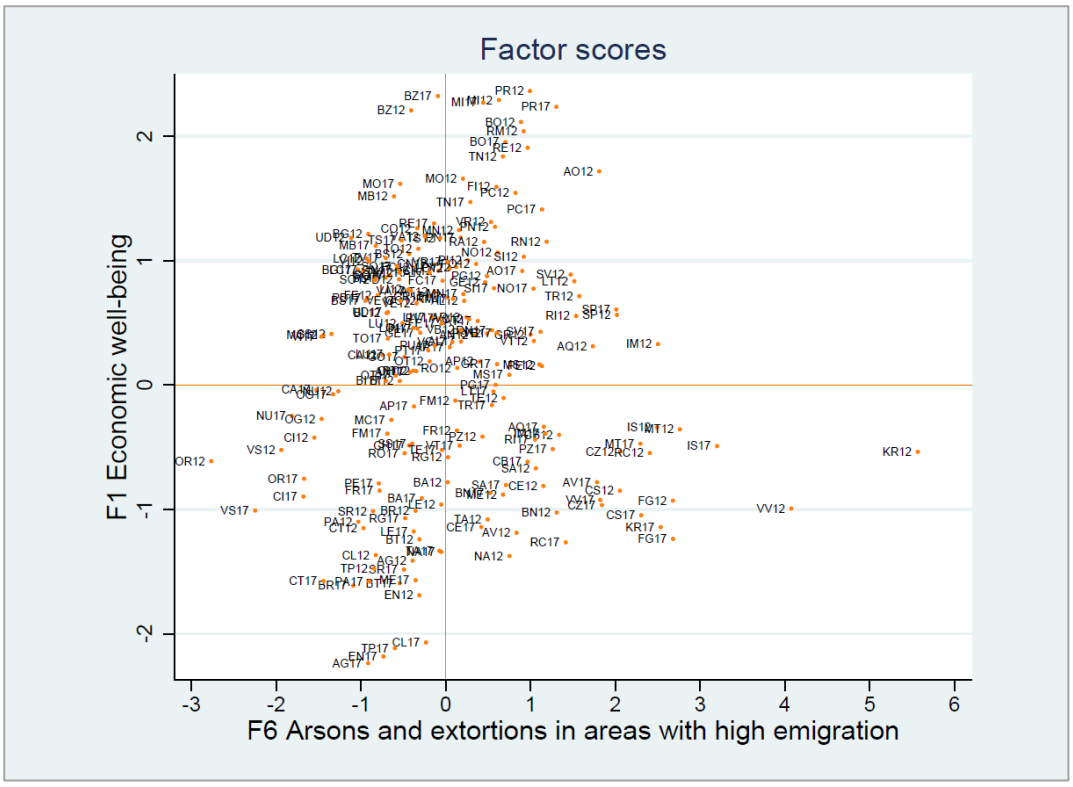


Figure A3.7 - Factor 7 Government management of uncontrolled immigration vs. Factor 1 Economic well-being

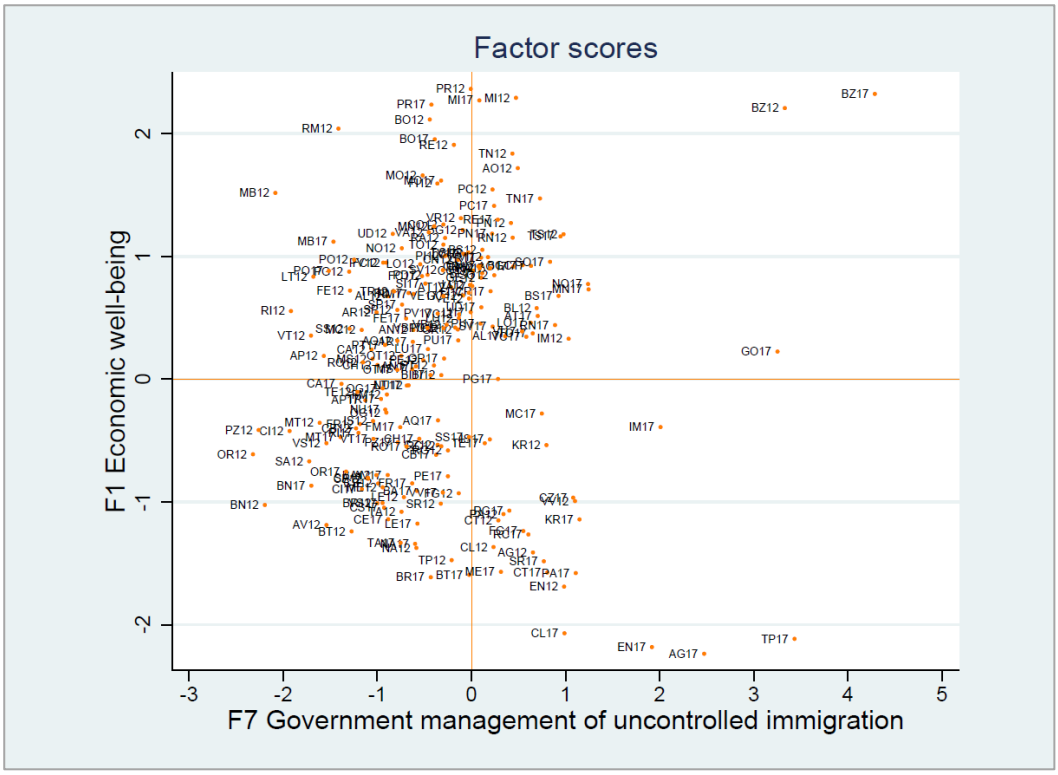


Figure A3.8 - Factor 8 Crimes against women vs. Factor 1 Economic well-being

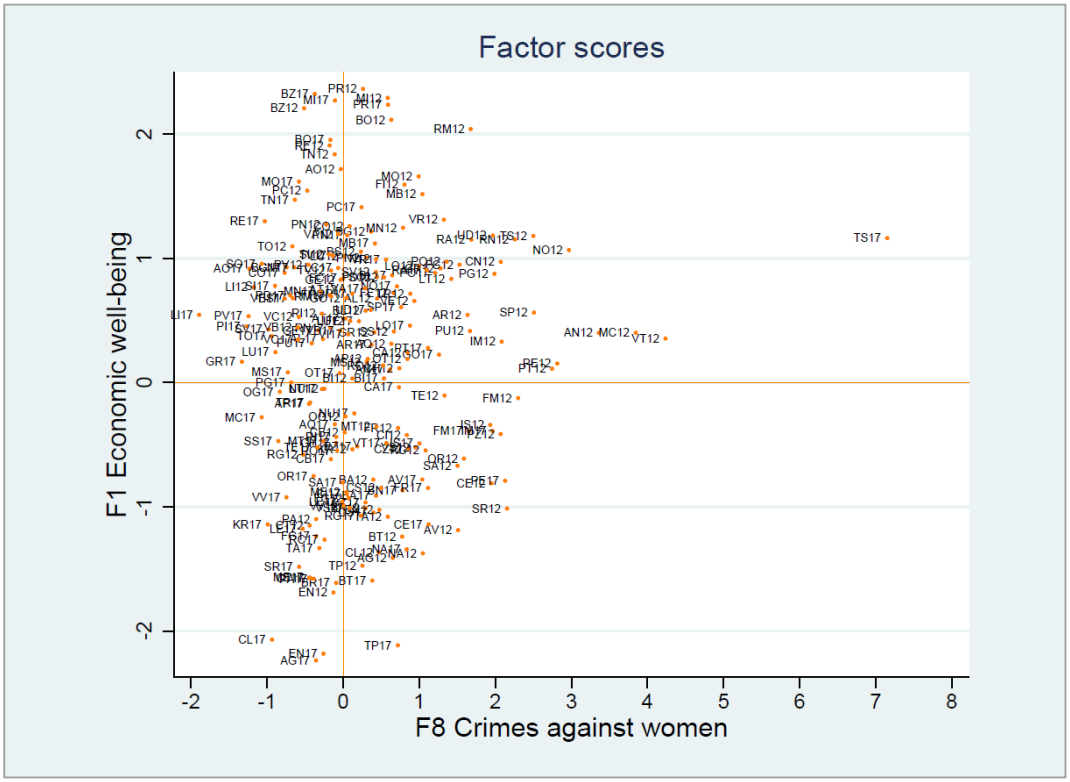


Figure A3.9 - Factor 9 House robberies vs. Factor 1 Economic well-being

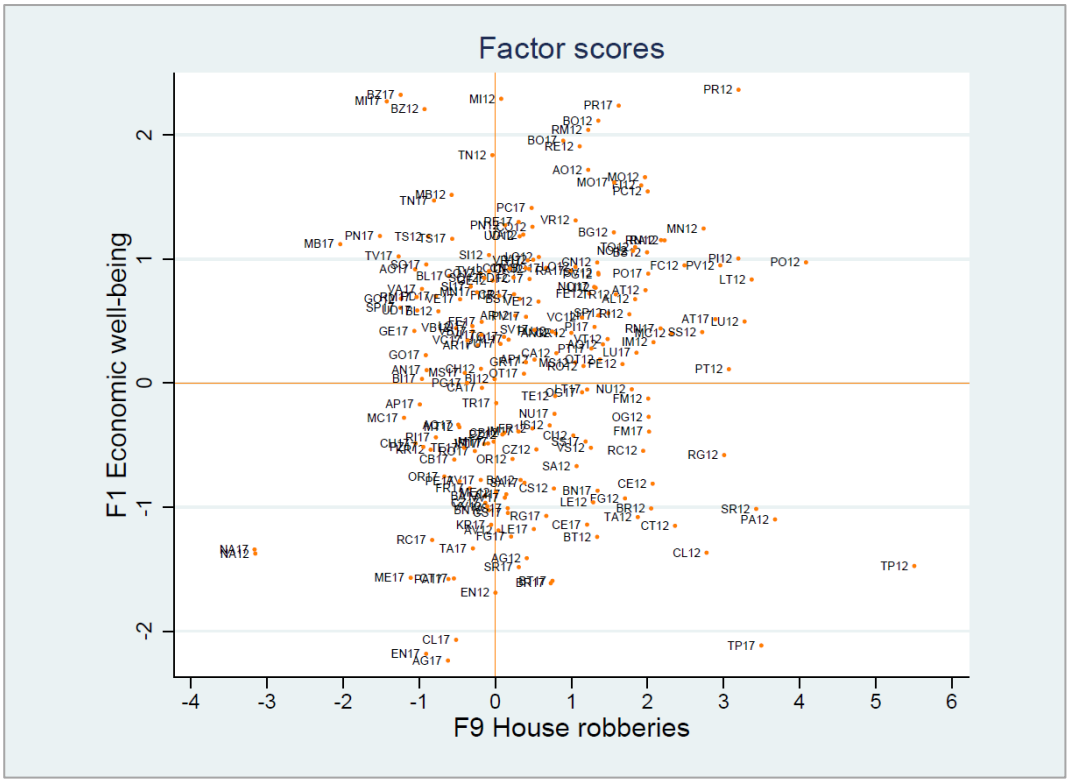


Figure A3.10 – Factor 1 Economic well-being, 2012 and 2017

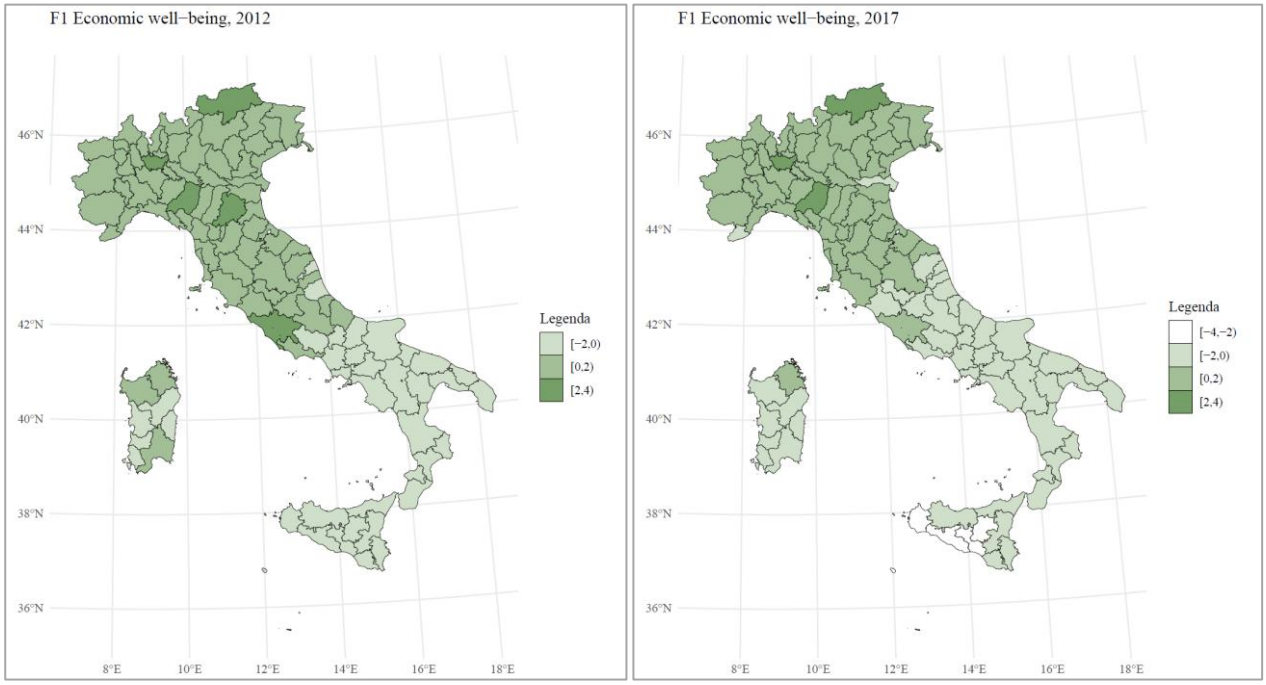


Figure A3.11 – Factor 2 Crime in densely populated areas, 2012 and 2017

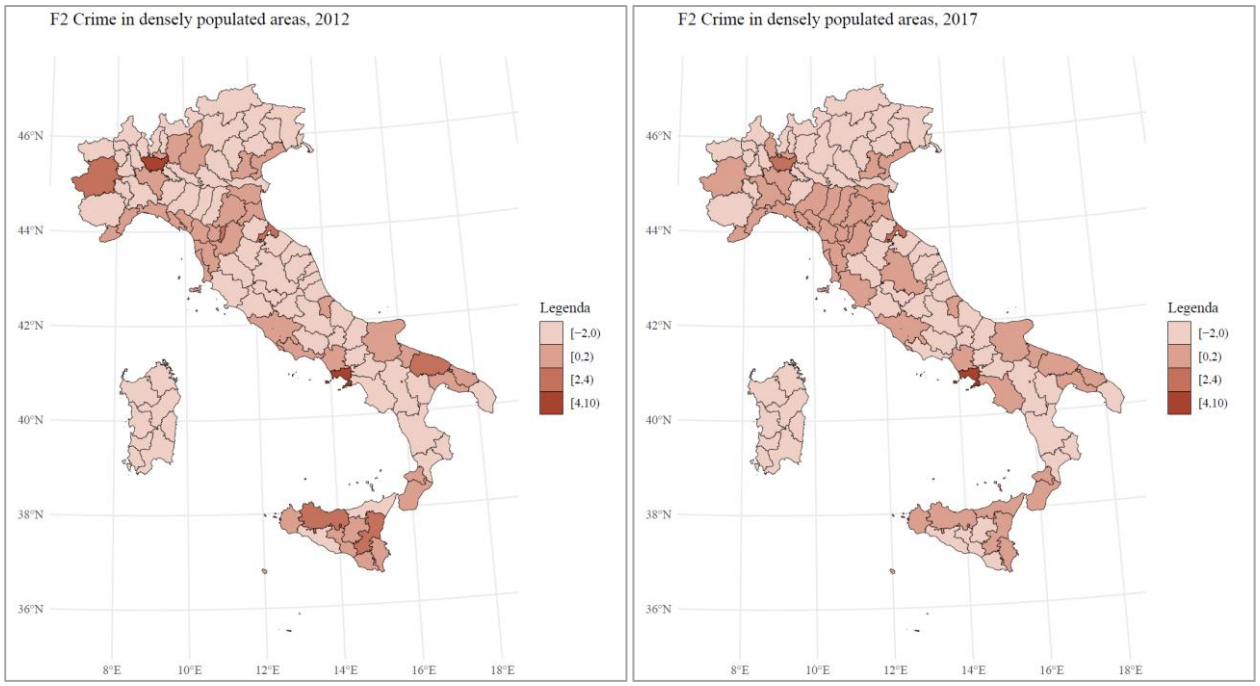


Figure A3.12 – Factor 3 Demographic growth, 2012 and 2017

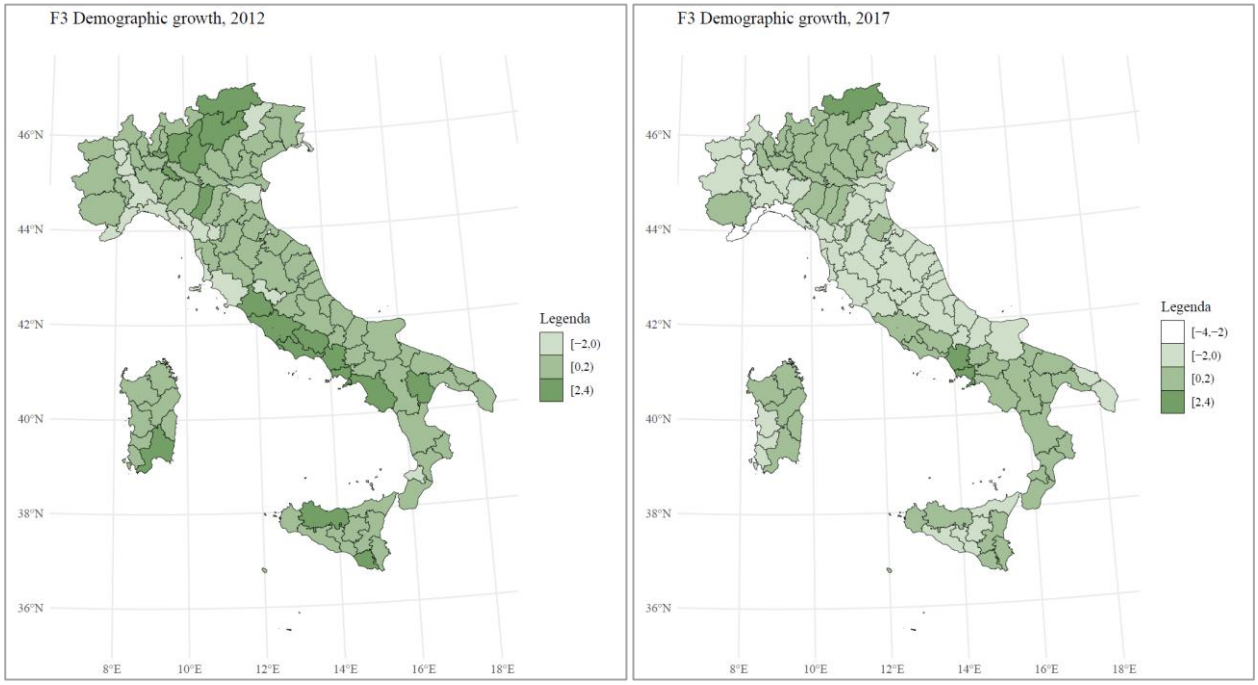


Figure A3.13 – Factor 4 Crime in less industrialized areas, 2012 and 2017

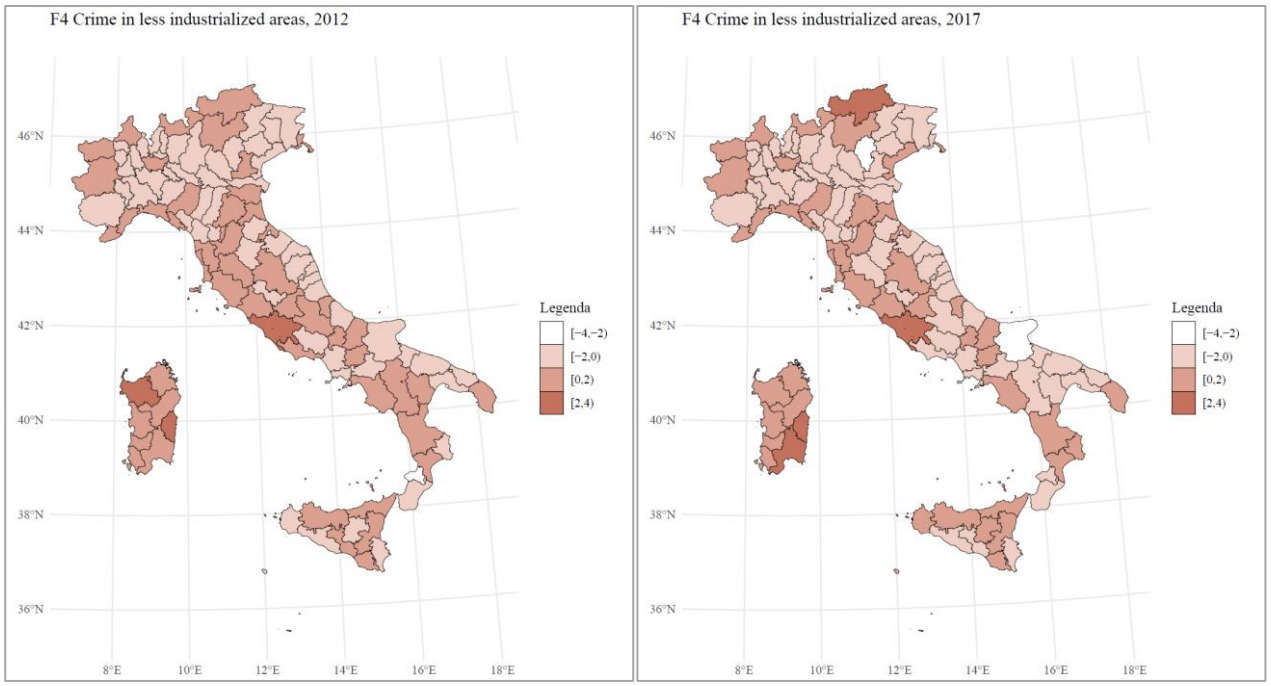


Figure A3.14 – Factor 5 Organized crime violence, 2012 and 2017

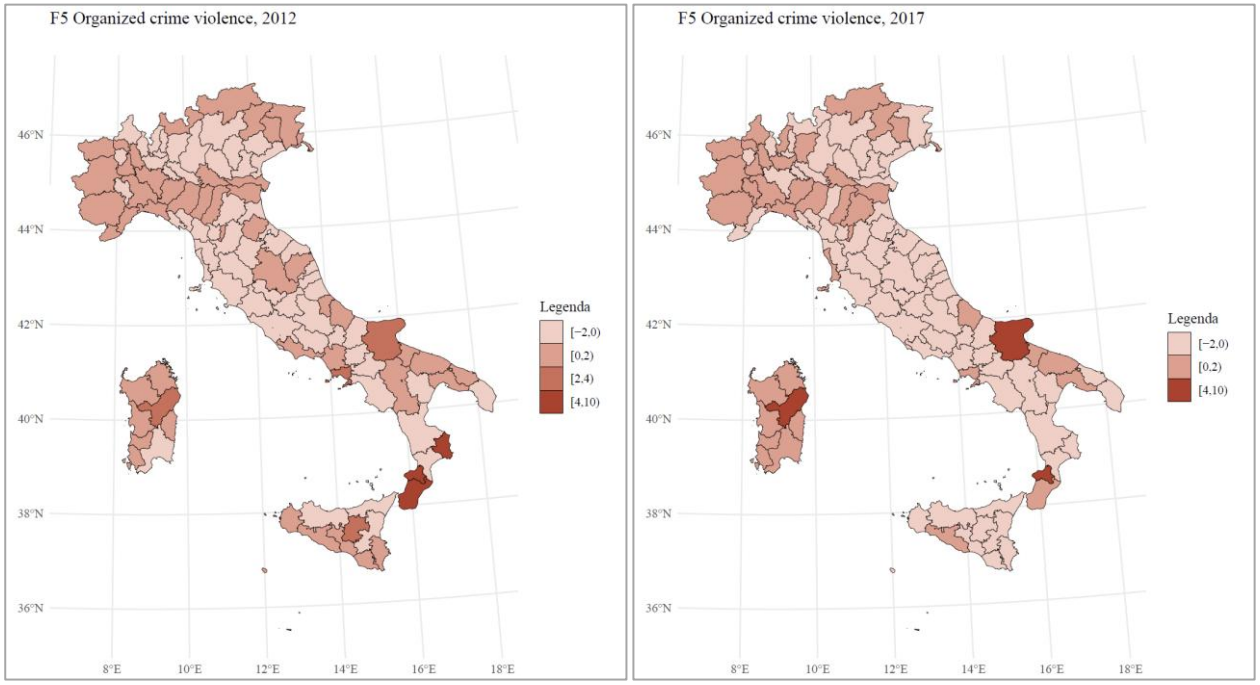


Figure A3.15 – Factor 6 Arsons and extortions in areas with high emigration, 2012 and 2017

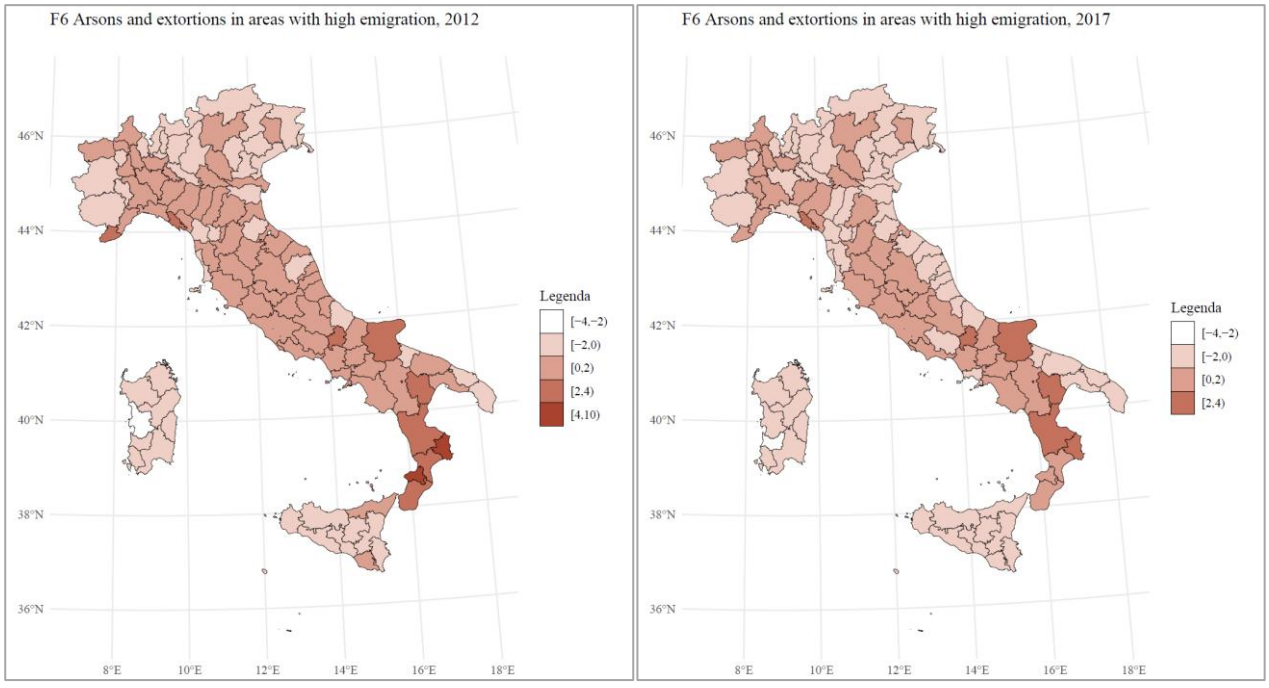


Figure A3.16 – Factor 7 Government management of uncontrolled immigration, 2012 and 2017

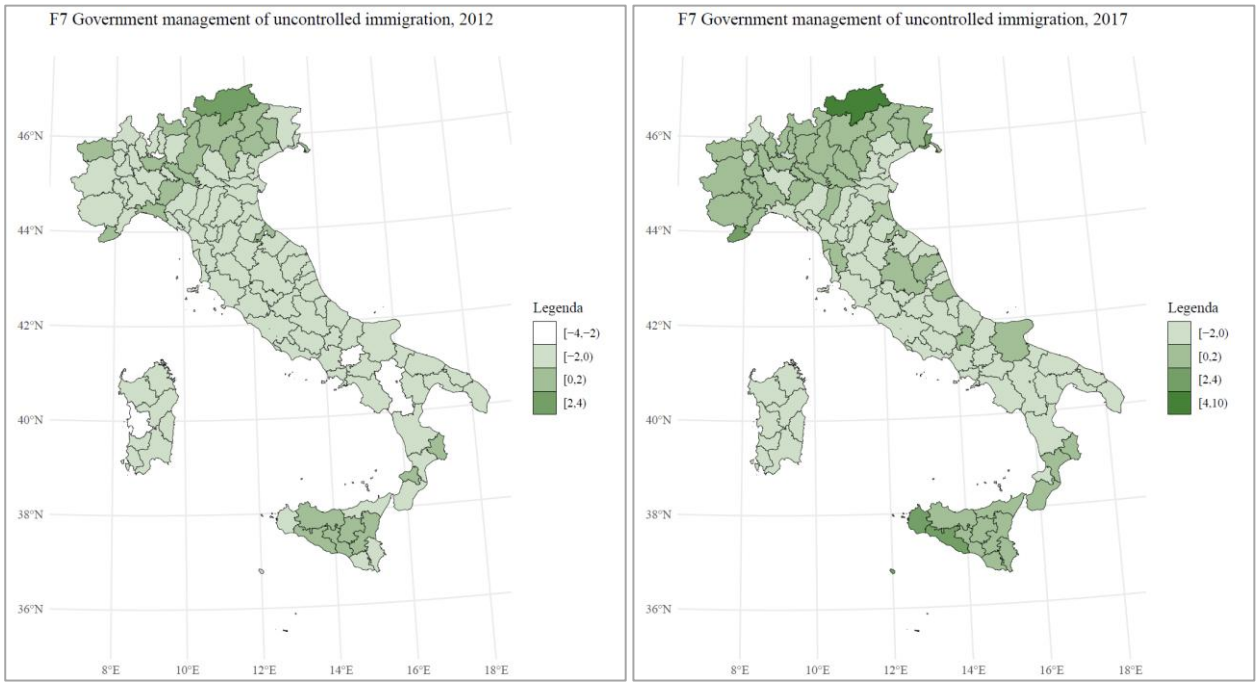


Figure A3.17 – Factor 8 Crimes against women, 2012 and 2017

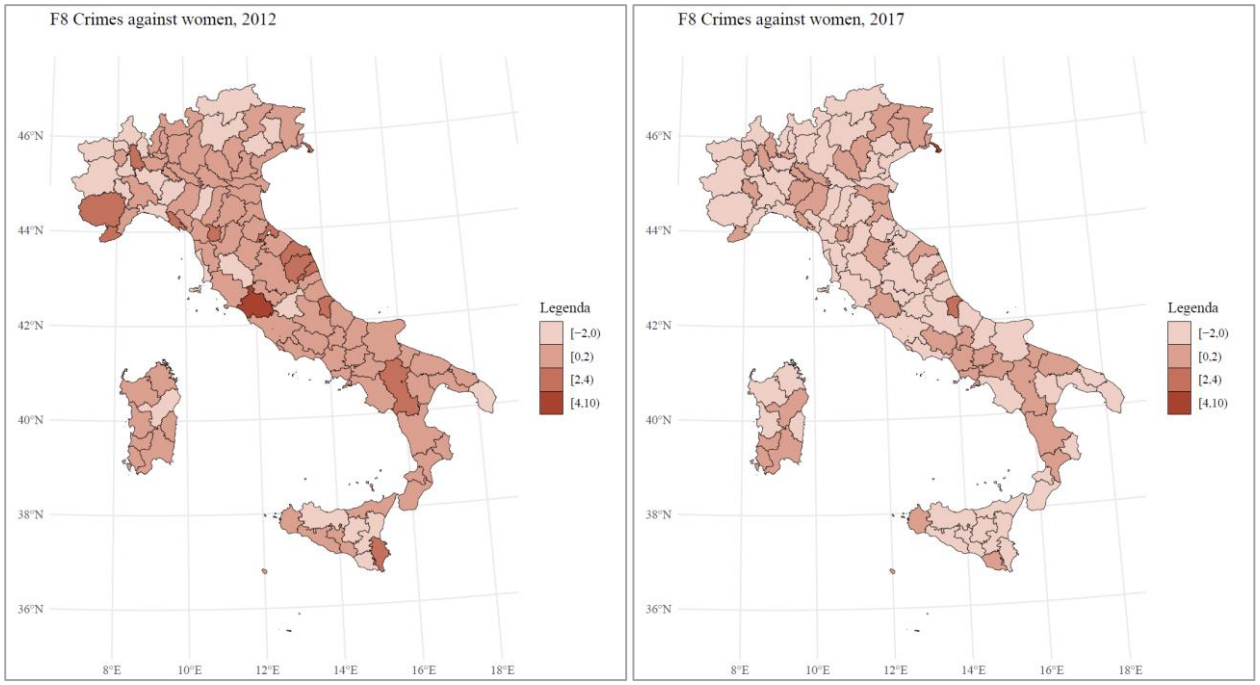
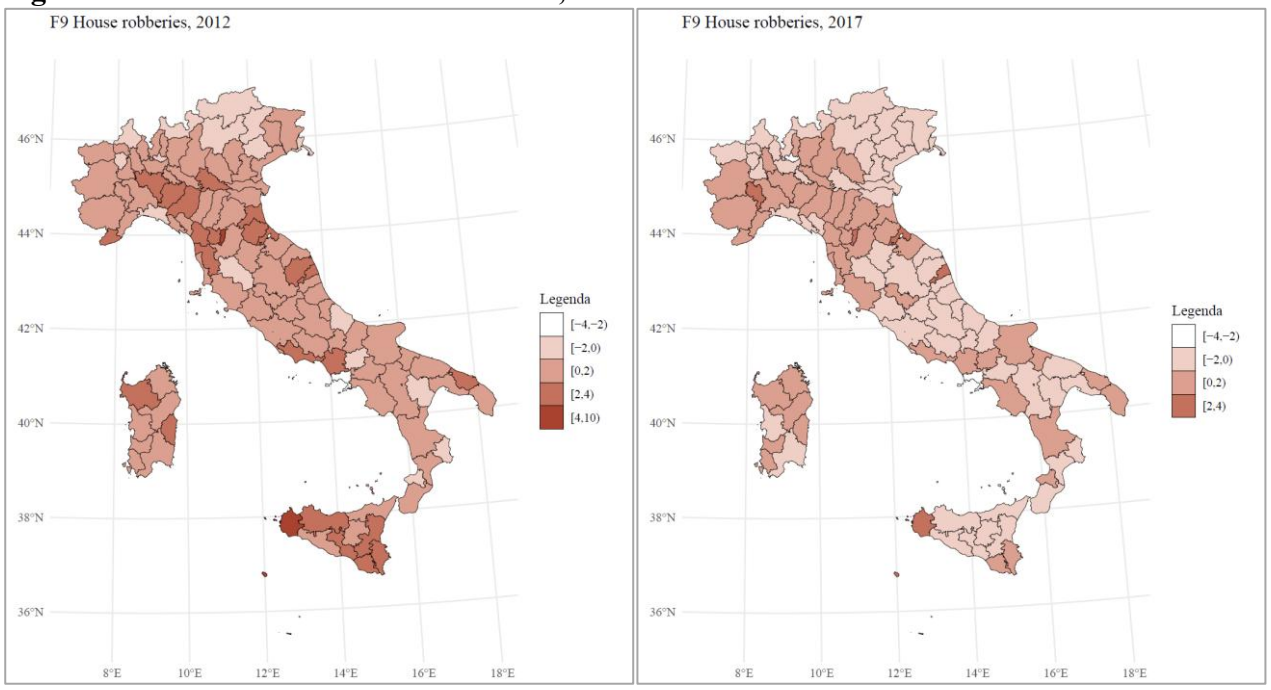


Figure A3.18 – Factor 9 House robberies, 2012 and 2017



Appendix 4 – Regression analysis on selected variables

This appendix completes the analysis in Section 5.4, reporting baseline regression models on factor scores augmented with lagged values of the dependent variable, and baseline and panel regression models estimated on individual socio-economic, demographic, and crime-related variables. These models account for the serial correlation of electoral outcomes and also examine the direct associations between territorial characteristics and electoral outcomes. The results indicate that economic disadvantage, demographic decline, and local insecurity are each associated with higher abstention and support for anti-establishment parties. However, because many of these indicators are strongly correlated, individual-variable regressions are affected by multicollinearity, reinforcing the need for the factor-based specification used in the main analysis.

(Tables A4.1–A4.3 follow)

Table A4.1 –Baseline Regression Analysis on Factor Scores – Lagged dependent variable

	(1) Abstention	(2) Abstention	(3) M5S	(4) M5S	(5) Lega	(6) Lega	(7) PD	(8) PD	(9) Forza Italia	(10) Forza Italia
F1 Economic well-being	-0.320	-1.685***	-4.327***	-4.529***	2.721***	3.916***	0.825***	0.847***	-0.784***	-0.907***
	(0.265)	(0.448)	(0.251)	(0.248)	(0.259)	(1.154)	(0.176)	(0.187)	(0.126)	(0.130)
F2 Crime in densely populated areas	-0.025	-0.228	0.423**	0.522**	-0.222	-0.409	0.254**	0.210	-0.109	0.028
	(0.146)	(0.169)	(0.212)	(0.251)	(0.230)	(0.721)	(0.113)	(0.135)	(0.136)	(0.154)
F3 Demographic growth	0.297	0.693***	1.868***	1.252***	-1.966***	-2.604***	-0.050	0.173	0.315***	0.212*
	(0.223)	(0.204)	(0.230)	(0.296)	(0.213)	(0.816)	(0.129)	(0.132)	(0.107)	(0.122)
F4 Crime in less industry. areas	1.067***	1.486***	0.572**	0.852***	-0.866***	-2.202***	-0.490***	-0.598***	0.090	-0.154
	(0.230)	(0.227)	(0.247)	(0.297)	(0.232)	(0.753)	(0.102)	(0.120)	(0.127)	(0.132)
F5 Organized crime violence	0.494***	0.969***	0.422	-0.266	-0.808***	-3.084***	-0.393***	-0.044	0.435**	0.488**
	(0.174)	(0.237)	(0.317)	(0.566)	(0.139)	(0.966)	(0.131)	(0.159)	(0.184)	(0.234)
F6 Arsons/extortions areas emigration	-0.186	-0.197	0.678***	0.246	-0.315*	-0.636	-0.128	-0.042	0.350**	0.451***
	(0.145)	(0.188)	(0.225)	(0.303)	(0.177)	(0.655)	(0.112)	(0.122)	(0.135)	(0.151)
F7 Gov. manag. unc. Immigration	0.908***	1.060***	-1.015***	-1.525***	-0.437**	1.701	0.042	-0.026	0.161	0.315**
	(0.287)	(0.301)	(0.236)	(0.296)	(0.180)	(1.047)	(0.135)	(0.124)	(0.104)	(0.150)
F8 Crimes against women	-0.113	0.440*	0.238	0.621	0.024	-3.454***	-0.080	0.337	-0.129	-0.157
	(0.110)	(0.262)	(0.194)	(0.471)	(0.160)	(1.310)	(0.108)	(0.218)	(0.081)	(0.214)
F9 House robberies	-0.048	0.230	0.067	0.117	0.333*	-2.895***	0.076	0.258	-0.010	-0.129
	(0.144)	(0.223)	(0.239)	(0.333)	(0.195)	(0.604)	(0.119)	(0.186)	(0.106)	(0.187)
Abstention in 2013	0.720***									
	(0.054)									
L.Abstension		0.466***								
		(0.074)								
M5S in 2013			0.559***							
			(0.092)							
L.Movimento 5 Stelle				0.229***						
				(0.054)						
Lega in 2013					1.185***					
					(0.076)					
L.Lega						0.325				
						(0.321)				
PD in 2013							0.653***			
							(0.049)			
L.Partito Democratico								0.682***		
								(0.039)		
FI in 2013									0.522***	
									(0.046)	
L.Forza Italia										0.453***
										(0.037)
Constant	9.535***	16.694***	11.317***	17.591***	9.161***	10.923***	0.333	-0.178	1.596**	2.597***
	(1.554)	(2.051)	(1.745)	(0.963)	(0.294)	(1.221)	(0.873)	(0.733)	(0.688)	(0.584)
No. of observations	110	218	110	218	110	218	109	218	109	218
R-squared	.938		.817		.914		.929		.764	
F test	255***		72.4***		145***		77.9***		27.7***	

Robust standard errors in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p <$

Table A4.2 - Political elections 2018: Regressions on selected variables

	(1) M5S+Lega	(2) M5S+Lega	(3) M5S+Lega	(4) M5S	(5) M5S	(6) M5S	(7) Lega	(8) Lega	(9) Lega	(10) PD	(11) PD	(12) PD	(13) FI	(14) FI	(15) FI
Value added: per capita	0.322	0.415	0.628	-1.382***	-1.316***	-0.660	1.704***	1.732***	1.288**	0.815**	0.866**	0.461	-0.559***	-0.538***	-0.237
change 2012-2017	(0.460)	(0.428)	(0.393)	(0.433)	(0.419)	(0.426)	(0.603)	(0.574)	(0.570)	(0.340)	(0.341)	(0.389)	(0.166)	(0.156)	(0.162)
Population density	-0.362	-0.098	0.137	0.646	0.419	1.143	-1.008	-0.517	-1.006	0.063	0.029	-0.394	0.354	0.292	0.607
	(1.022)	(0.859)	(0.902)	(1.082)	(1.105)	(1.046)	(1.423)	(1.341)	(1.488)	(0.769)	(0.724)	(0.894)	(0.470)	(0.481)	(0.690)
Isolation	-0.059	-0.062*	-0.059*	-0.039	-0.019	-0.008	-0.020	-0.043	-0.050	-0.008	-0.001	-0.008	-0.038***	-0.037***	-0.032***
	(0.036)	(0.035)	(0.034)	(0.030)	(0.029)	(0.029)	(0.047)	(0.046)	(0.046)	(0.025)	(0.024)	(0.025)	(0.010)	(0.011)	(0.010)
Elderly population	0.010	0.024	-0.015	-0.194	-0.207	-0.327**	0.204	0.231	0.312	0.287	0.285	0.348*	-0.102	-0.111	-0.158**
	(0.295)	(0.282)	(0.253)	(0.197)	(0.177)	(0.158)	(0.301)	(0.284)	(0.281)	(0.196)	(0.190)	(0.189)	(0.077)	(0.073)	(0.068)
Education	0.008	-0.063	-0.037	-0.148**	-0.095	-0.015	0.156*	0.032	-0.023	0.119*	0.125*	0.079	-0.068**	-0.054*	-0.020
	(0.072)	(0.073)	(0.071)	(0.065)	(0.071)	(0.076)	(0.081)	(0.082)	(0.086)	(0.061)	(0.065)	(0.061)	(0.026)	(0.029)	(0.030)
Net migration	0.075	0.058	0.178	-0.643***	-0.748***	-0.376**	0.718***	0.806***	0.554**	0.439***	0.391***	0.200	-0.192***	-0.214***	-0.071
	(0.159)	(0.172)	(0.173)	(0.161)	(0.158)	(0.161)	(0.187)	(0.197)	(0.223)	(0.125)	(0.137)	(0.175)	(0.070)	(0.069)	(0.074)
Management of uncontrolled		-0.038	-0.037		-0.017	-0.014		-0.021	-0.023		-0.017	-0.020		-0.014*	-0.013*
immigration		(0.027)	(0.025)		(0.020)	(0.015)		(0.023)	(0.023)		(0.014)	(0.014)		(0.008)	(0.007)
House robberies		-2.082	-2.480		6.509**	5.280**		-8.592**	-7.760**		2.235	2.639		1.323	1.023
		(2.628)	(2.409)		(2.491)	(2.167)		(3.384)	(3.291)		(2.590)	(2.487)		(1.029)	(0.956)
Intentional homicides		-13.551*	-14.000*		0.284	-1.102		-13.835**	-12.898**		-2.840	-2.534		1.617	1.389
		(7.187)	(7.520)		(7.700)	(8.628)		(5.828)	(5.619)		(3.478)	(3.721)		(2.849)	(2.312)
Value added: per capita 2017			-0.125			-0.387***			0.262*			0.209*			-0.155***
			(0.133)			(0.094)			(0.149)			(0.118)			(0.057)
Constant	36.189***	42.228***	44.138***	38.892***	32.951***	38.852***	-2.703	9.277	5.285	-2.013	-3.078	-5.827	18.597***	17.462***	19.507***
	(5.073)	(6.252)	(5.763)	(5.484)	(5.569)	(5.144)	(7.286)	(8.100)	(7.869)	(5.217)	(6.339)	(6.376)	(2.042)	(2.199)	(2.472)
No. of observations	110	110	110	110	110	110	110	110	110	109	109	109	109	109	109
R-squared	.0851	.158	.17	.506	.532	.593	.456	.5	.517	.485	.495	.519	.48	.501	.56
F test	2.16*	2.07**	2.05**	22.6***	17.3***	21.2***	19.5***	19.4***	19.5***	16.5***	13.5***	13.3***	19.9***	14.7***	13.5***

Notes. The economic variables are expressed in thousands of Euros. Robust standard errors in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table A4.3 - Political elections 2013 and 2018: Panel regressions on selected variables

	(1) Abstention (FE)	(2) Abstention (RE)	(3) M5S (FE)	(4) M5S (RE)	(5) Lega (FE)	(6) Lega (RE)	(7) PD (FE)	(8) PD (RE)	(9) FI (FE)	(10) FI (RE)
Value added: per capita	0.437*	-0.145**	-1.832***	-0.354***	1.496***	0.390***	-0.359*	0.144*	-0.052	-0.279***
	(0.233)	(0.073)	(0.515)	(0.085)	(0.386)	(0.107)	(0.214)	(0.083)	(0.195)	(0.044)
Population density	4.012	1.015	25.238	0.073	-34.692	-0.640	36.668***	0.387	-9.729	0.829*
	(15.512)	(0.911)	(34.276)	(0.971)	(25.723)	(1.290)	(13.955)	(1.063)	(12.675)	(0.497)
Isolation	0.000	0.060***	0.000	-0.059**	0.000	0.010	0.000	0.010	0.000	-0.047***
	(.)	(0.022)	(.)	(0.025)	(.)	(0.032)	(.)	(0.026)	(.)	(0.012)
Elderly population	-0.821*	-0.213	2.712**	0.113	-1.713**	-0.092	0.538	0.687***	0.164	-0.225***
	(0.474)	(0.131)	(1.048)	(0.147)	(0.786)	(0.189)	(0.428)	(0.146)	(0.388)	(0.073)
Education	0.007	-0.054	-0.374***	-0.121**	0.190*	0.140**	0.039	0.019	-0.005	-0.022
	(0.062)	(0.043)	(0.137)	(0.058)	(0.103)	(0.066)	(0.056)	(0.044)	(0.051)	(0.027)
Net migration	-0.165**	-0.267***	0.551***	0.302**	-0.424***	-0.237*	-0.013	0.062	0.189***	0.172***
	(0.083)	(0.074)	(0.184)	(0.129)	(0.138)	(0.122)	(0.075)	(0.070)	(0.068)	(0.053)
Foreign residents	-0.035	-0.422***	0.392	-0.208**	-0.328	0.316***	-0.572***	0.285***	0.116	-0.017
	(0.216)	(0.076)	(0.477)	(0.093)	(0.358)	(0.112)	(0.201)	(0.082)	(0.182)	(0.045)
Management of uncontrolled immigration	0.001	0.021*	-0.010	0.006	-0.017	-0.037*	0.017	0.002	-0.001	-0.007
	(0.013)	(0.012)	(0.028)	(0.021)	(0.021)	(0.019)	(0.011)	(0.011)	(0.010)	(0.008)
House robberies	0.184	2.160**	-0.405	-0.356	2.338	1.669	0.790	0.318	-1.406*	-0.391
	(0.964)	(0.854)	(2.130)	(1.417)	(1.599)	(1.387)	(0.866)	(0.809)	(0.787)	(0.591)
Intentional homicides	3.393	5.711**	-10.665	-9.768**	8.439	3.143	-3.217	-1.334	-5.264**	-3.095*
	(3.086)	(2.593)	(6.820)	(3.880)	(5.118)	(4.116)	(2.779)	(2.514)	(2.524)	(1.717)
year=2013	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)	(.)
year=2018	2.370*	3.104***	1.914	4.507***	10.817***	8.206***	-5.817***	-7.917***	-5.992***	-4.607***
	(1.259)	(0.423)	(2.781)	(0.740)	(2.087)	(0.680)	(1.145)	(0.416)	(1.040)	(0.292)
Constant	34.861**	38.656***	11.508	36.292***	6.882	-15.726***	8.844	-4.166	15.114	29.933***
	(14.536)	(3.744)	(32.120)	(4.667)	(24.106)	(5.528)	(13.191)	(4.107)	(11.981)	(2.193)
No. of observations	220	220	220	220	220	220	218	218	218	218
No. of provinces	110	110	110	110	110	110	109	109	109	109
R-squared: within	.465	.341	.515	.346	.895	.86	.917	.897	.919	.914
R-squared: between	.0218	.756	.0949	.357	.00709	.375	.0188	.54	.0659	.49
R-squared: overall	.0091	.732	.104	.345	.095	.619	.0000525	.645	.108	.757
Hausman test chi-squared	43.5		47.7		24.3		19.3		20.2	
Hausman test p-value for the chi-squared	1.71e-06		6.98e-07		.0069		.0369		.027	

Notes. The economic variables are expressed in thousands of Euros. Standard errors in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Appendix 5 – Dynamic pattern of selected social and economic data for Italy

F5.1 – Total Population

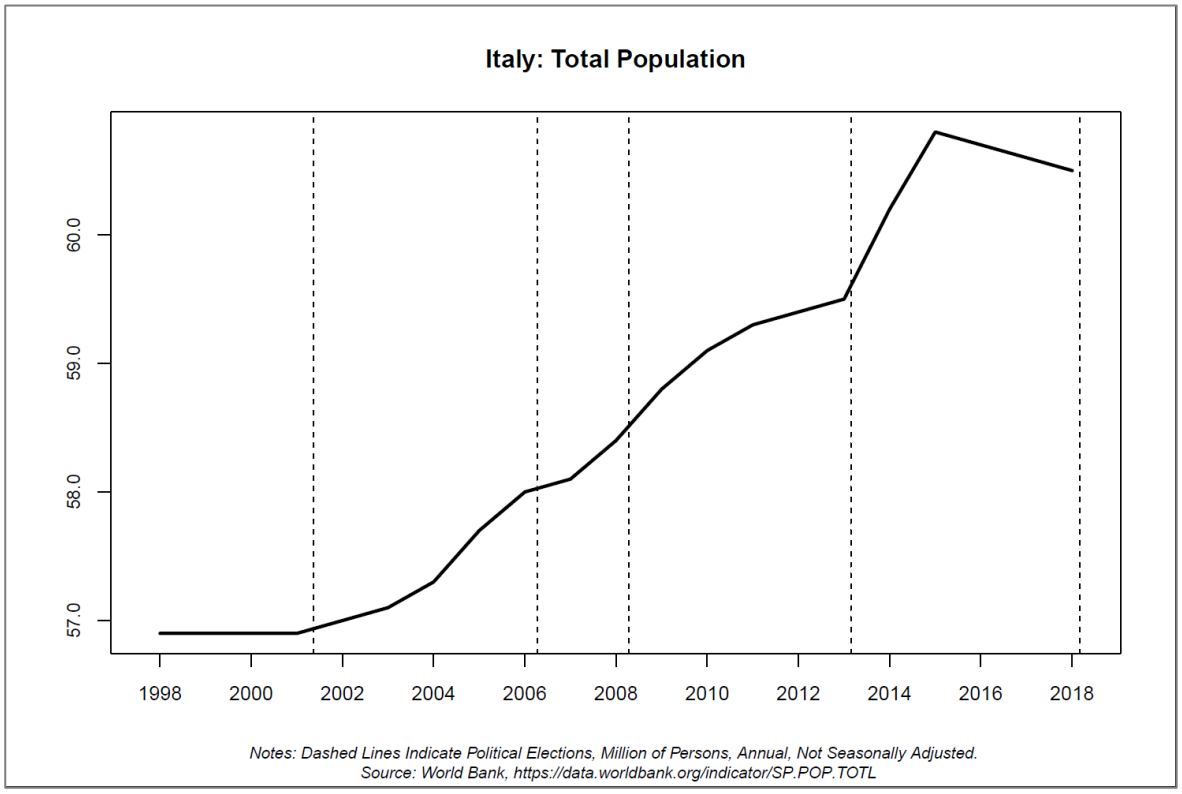


Figure A5.2 – Real Gross Domestic Product

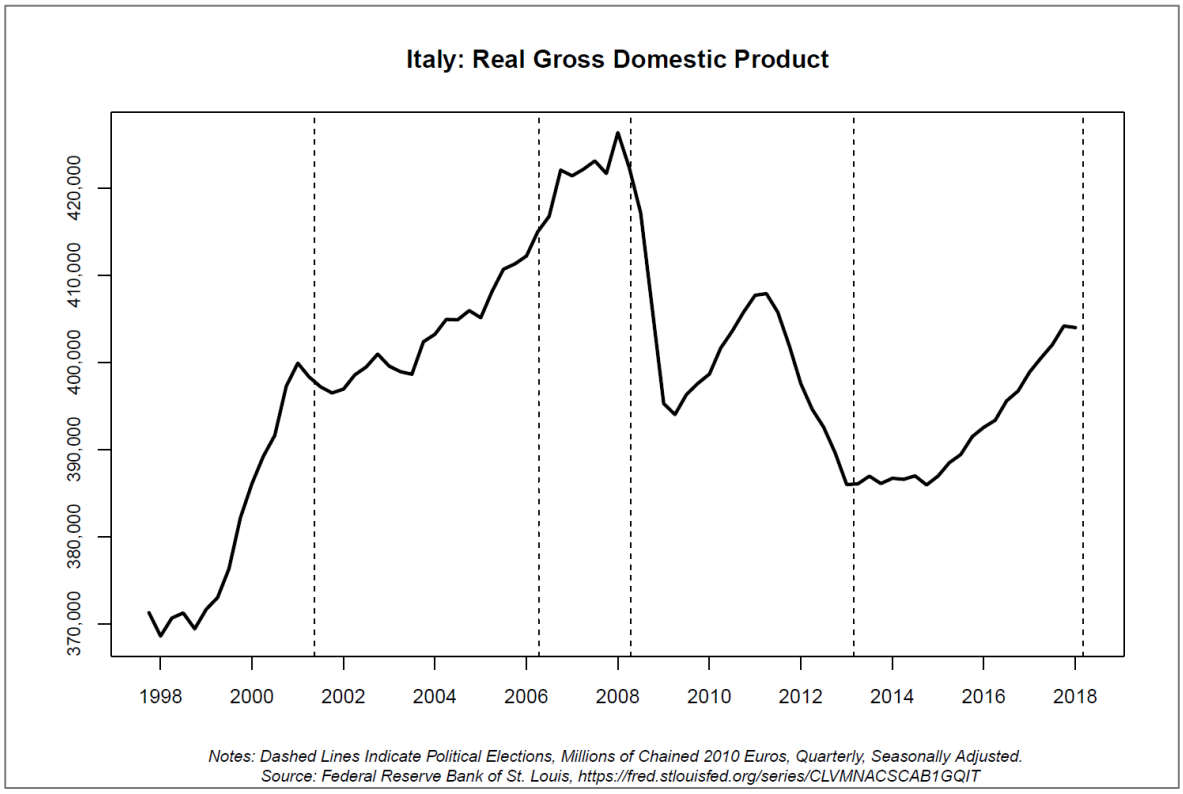


Figure A5.3 – Constant GDP per Capita

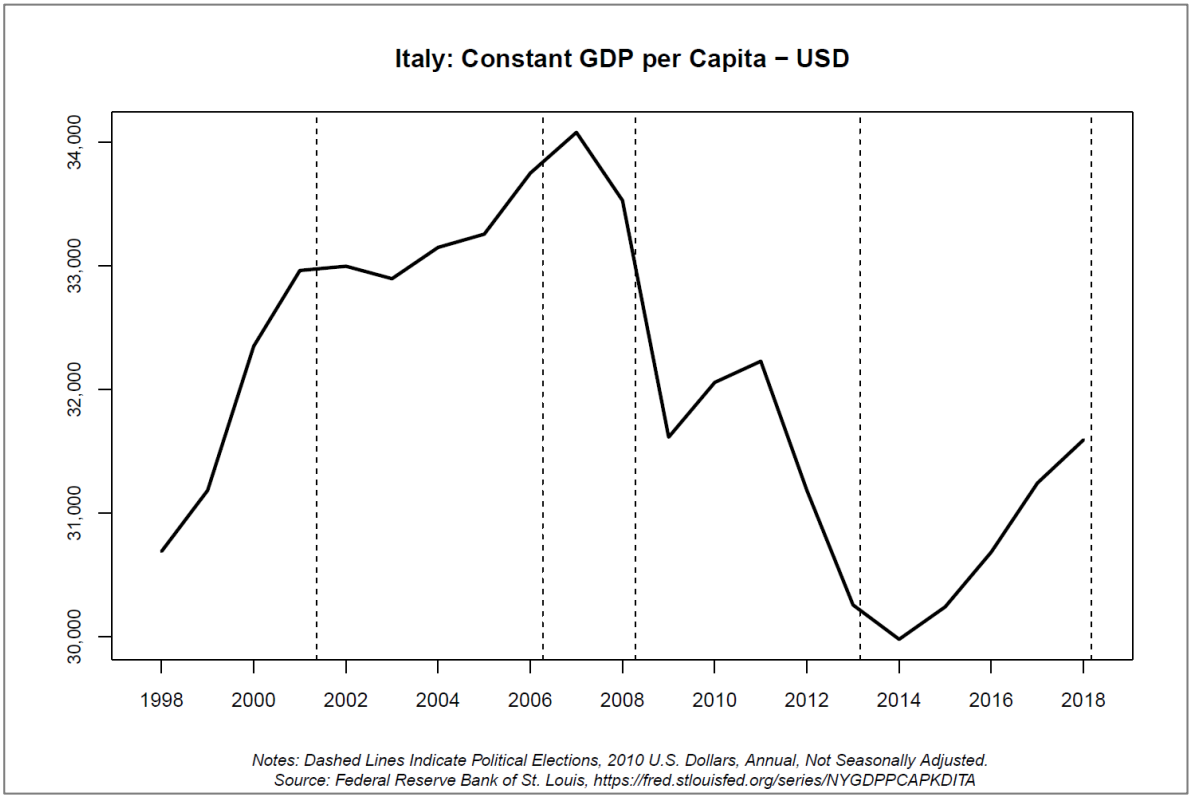


Figure A5.4 – General Government Gross Debt

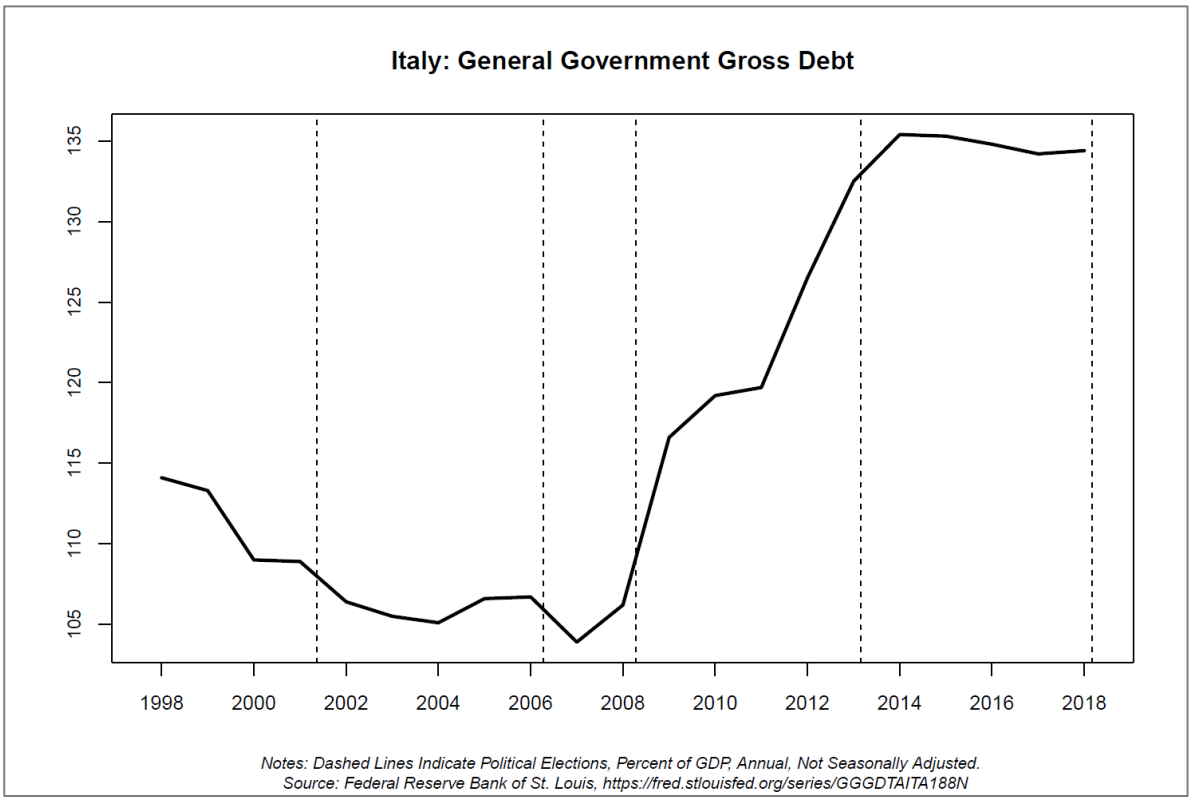


Figure A5.5 – Long−Term Government Bond Yields

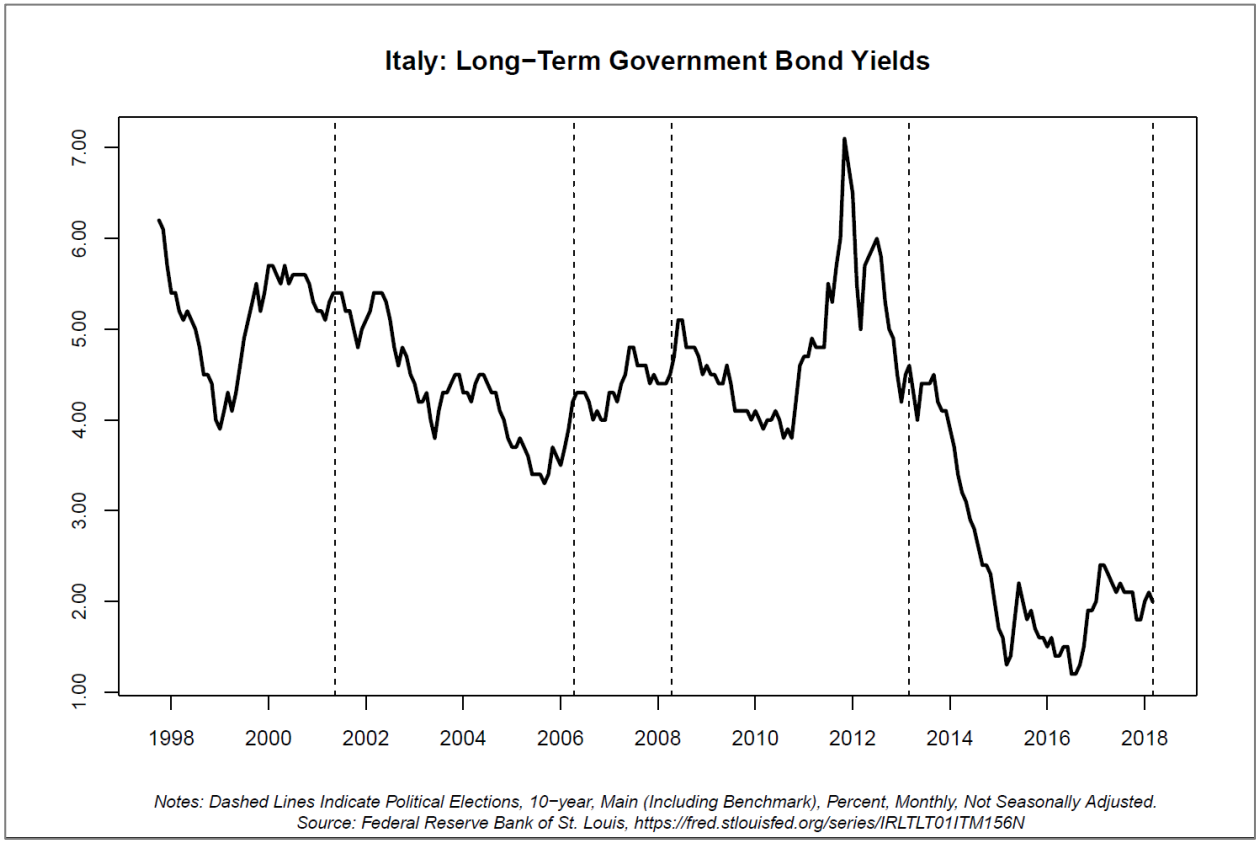


Figure A5.6 – Spread between Italian and German Long−Term Government Bond Yields

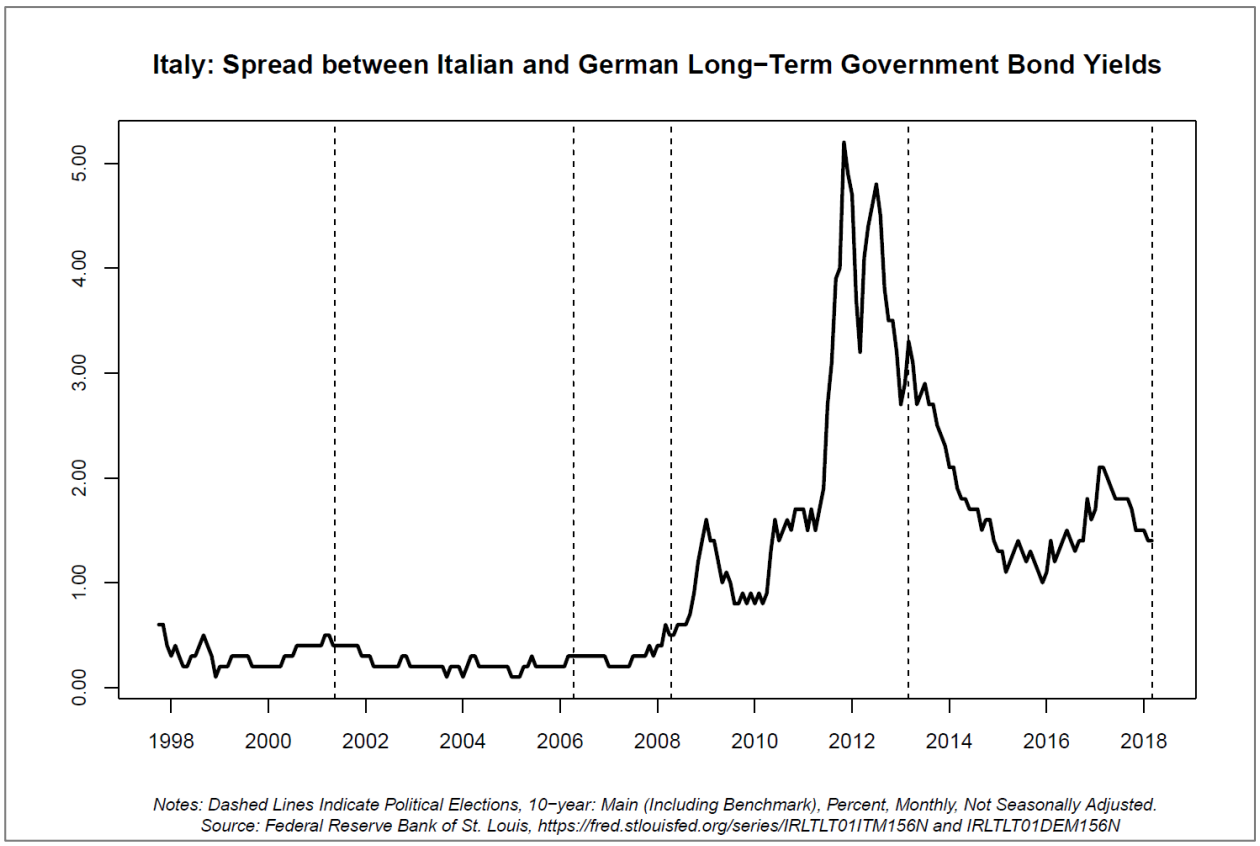


Figure A5.7 – General Government Net Lending−Borrowing

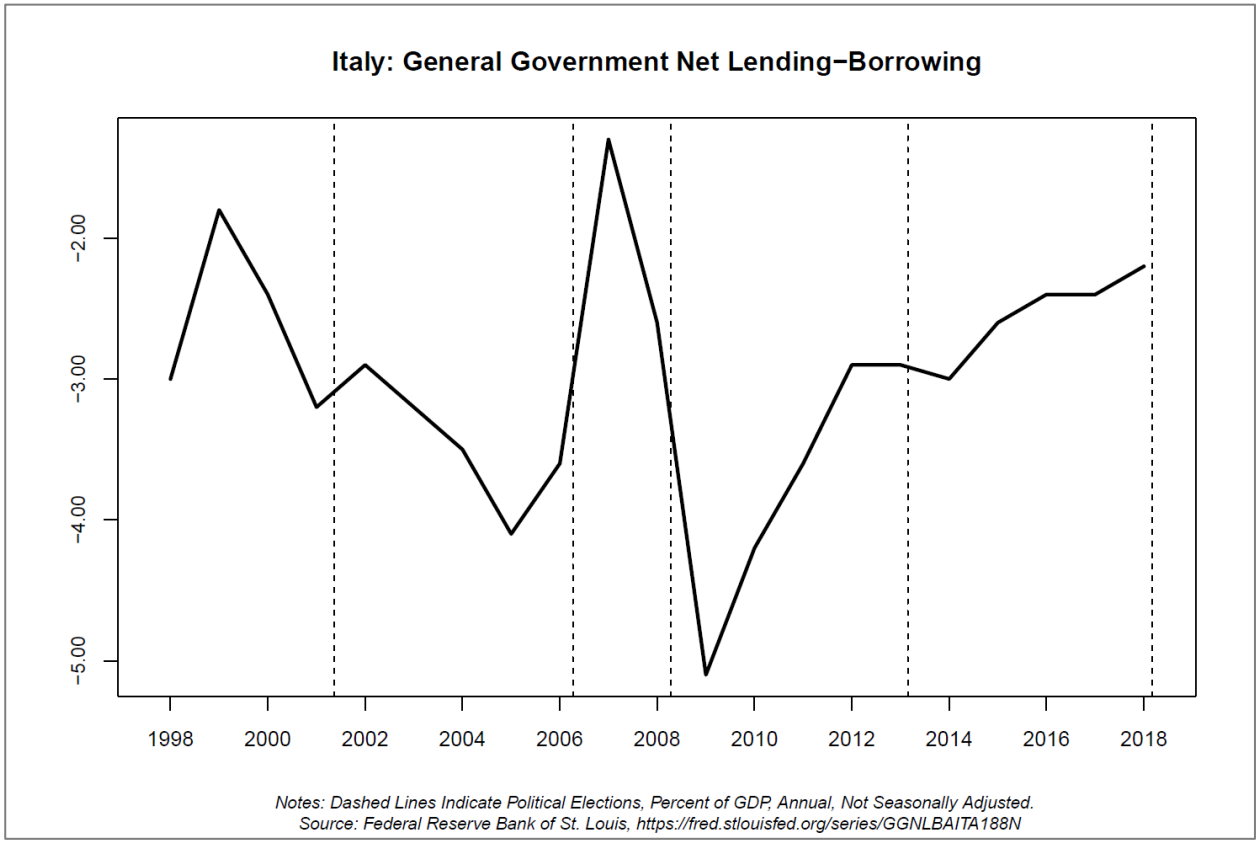


Figure A5.8 – Current Account Balance

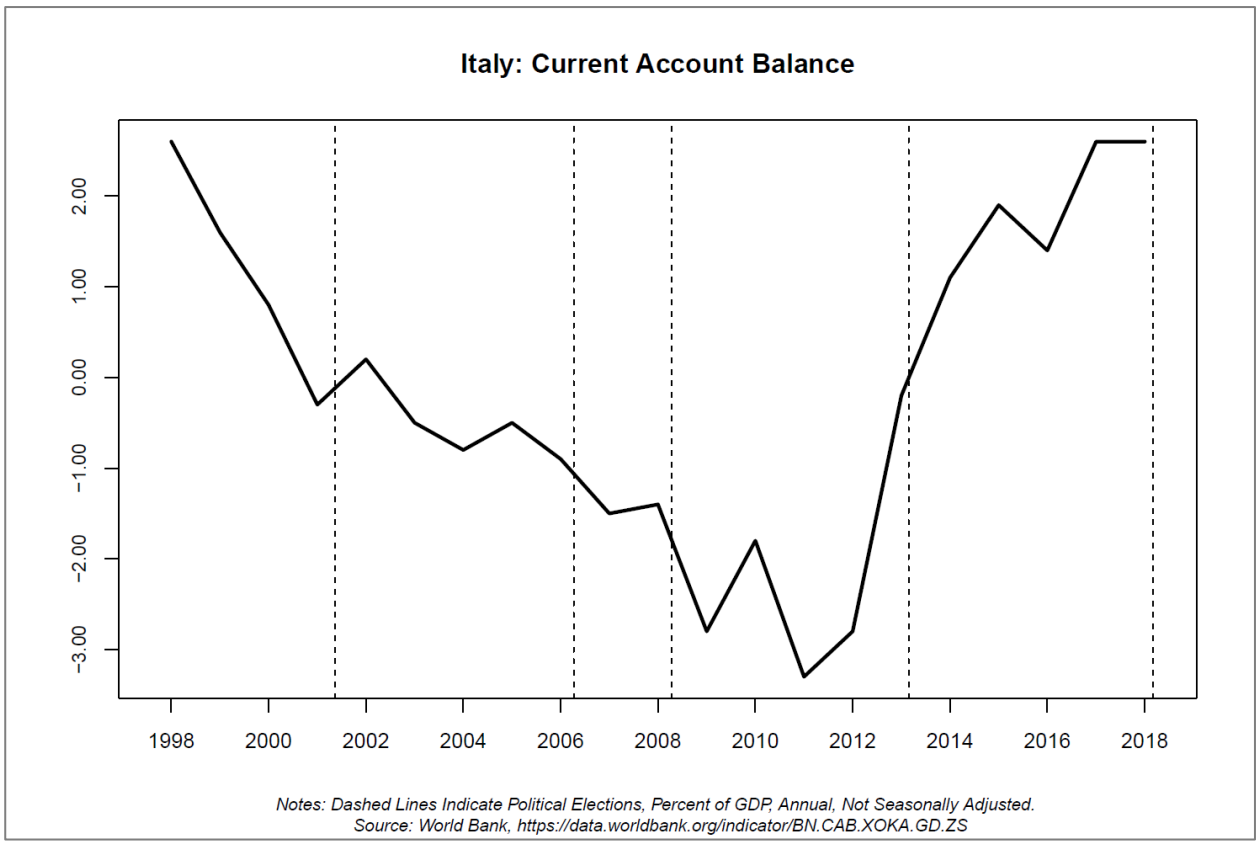


Figure A5.9 – Unemployment Rate

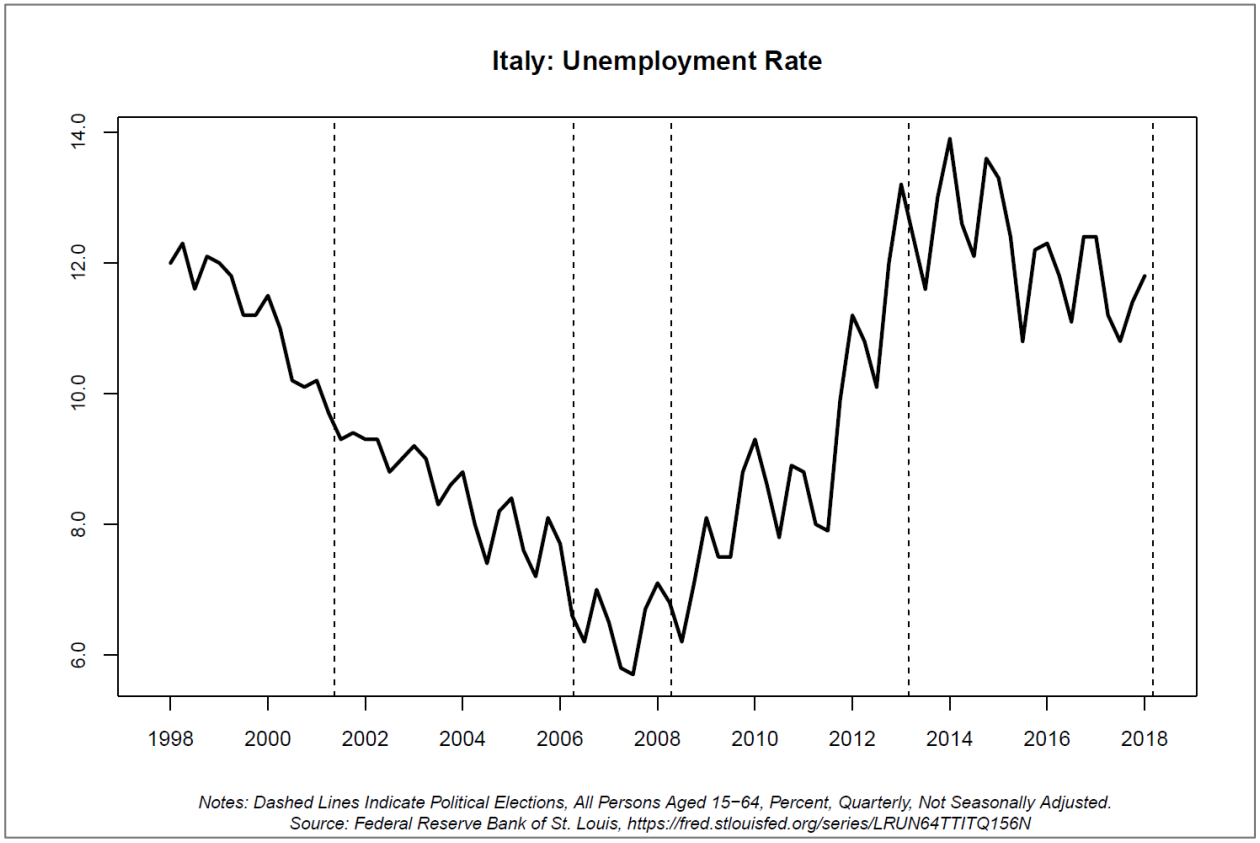


Figure A5.10 – Value Added of the Industrial Sector

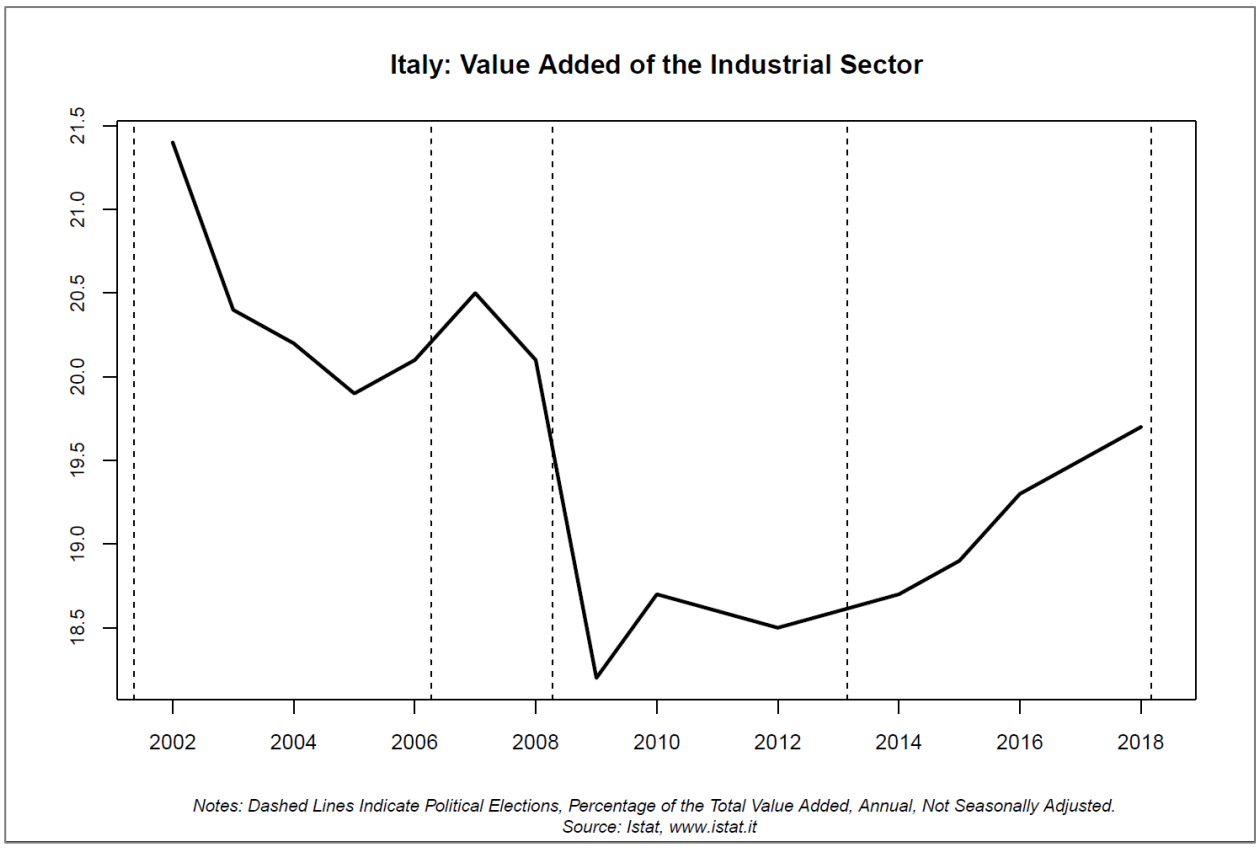
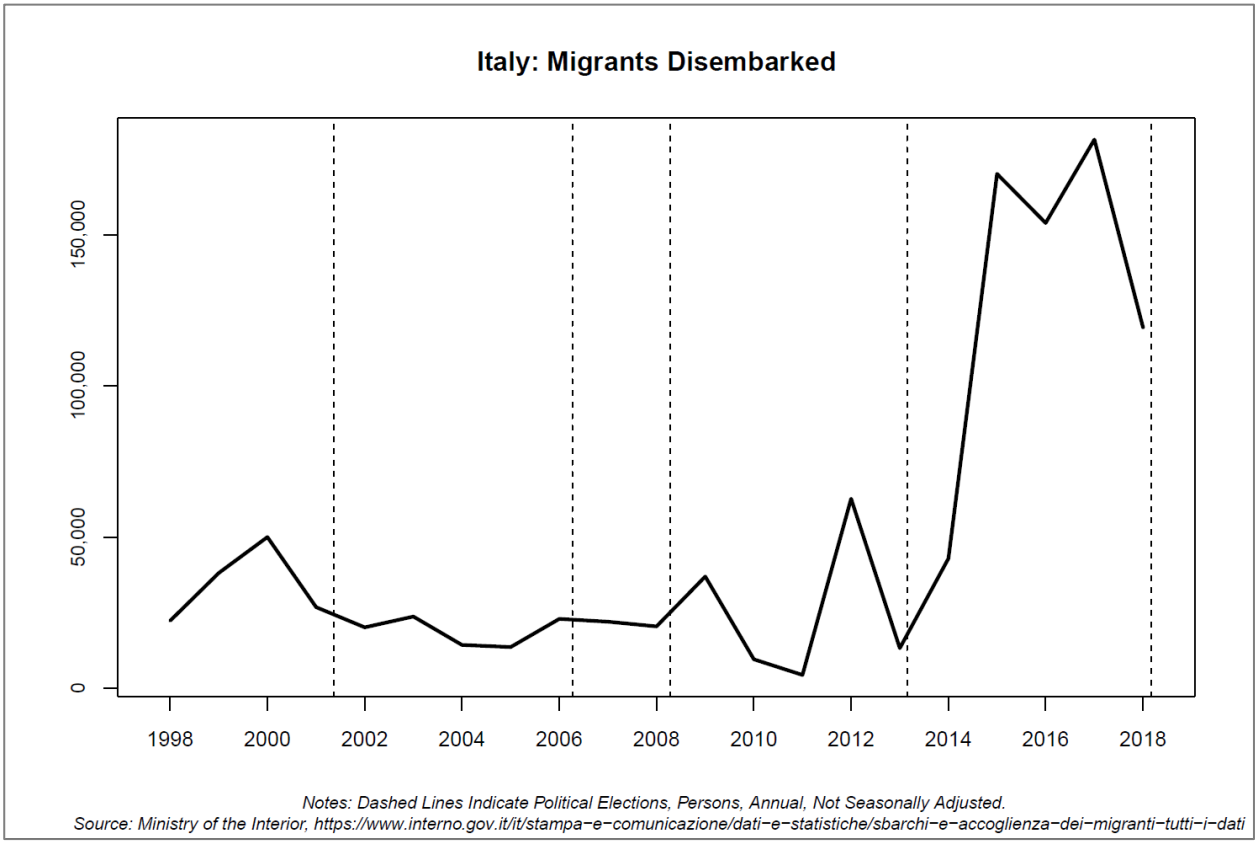


Figure A5.11 – Migrants Disembarked



Appendix 6 – External Validation Using European Social Survey Data (ESS)

Table A6.1 – Correlation Matrix: Institutional Trust and Territorial Structural Indicators

	(1) Trust in country's parliament	(2) Trust in politicians	(3) Institutional trust index	(4) Satisfaction with the way democracy works in my country
Mean wage of employees	0.491**	0.537**		0.337
	(0.045)	(0.026)		(0.186)
Secondary education	0.389	0.452*		0.196
	(0.123)	(0.068)		(0.450)
Unemployment	-0.352	-0.401		-0.271
	(0.166)	(0.111)		(0.293)
Crime	-0.270	-0.270		-0.214
	(0.295)	(0.295)		(0.409)
Territorial disadvantage index			-0.439*	
			(0.078)	
No. of observations	17	17	17	17

Pearson correlations, *p*-values in parentheses. * $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$