

FACTORES QUE AFECTAN A LA CORRUPCIÓN:
UN ENFOQUE DE DATOS DE PANELES

FACTORS AFFECTING CORRUPTION:
A PANEL-DATA APPROACH

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Introduction

Our study attempted to assess the importance of economic, political and individual factors to the control of corruption. In order to achieve the paper aim we have used a panel-data approached for 28 European countries, from 2000 until 2018.

Literature review

- corruption slows down economic growth, especially through its effect on different transmission channels, such as investments and trade policies (Pellegrini and Gerlagh, 2004);
- if economic freedom rises sufficiently, the level of corruption tends to fall, and keeps this trend as the quality of institutions continue to rise (Pieroni and d'Agostino, 2013);
- corruption is a destabilizing factor for political system, especially when youth exceed 20% of adult population (Campante, 2009);
- corruption may lower human capital accumulation and the quality of education and health care (Thomas et al., 2000).

Methodology and data

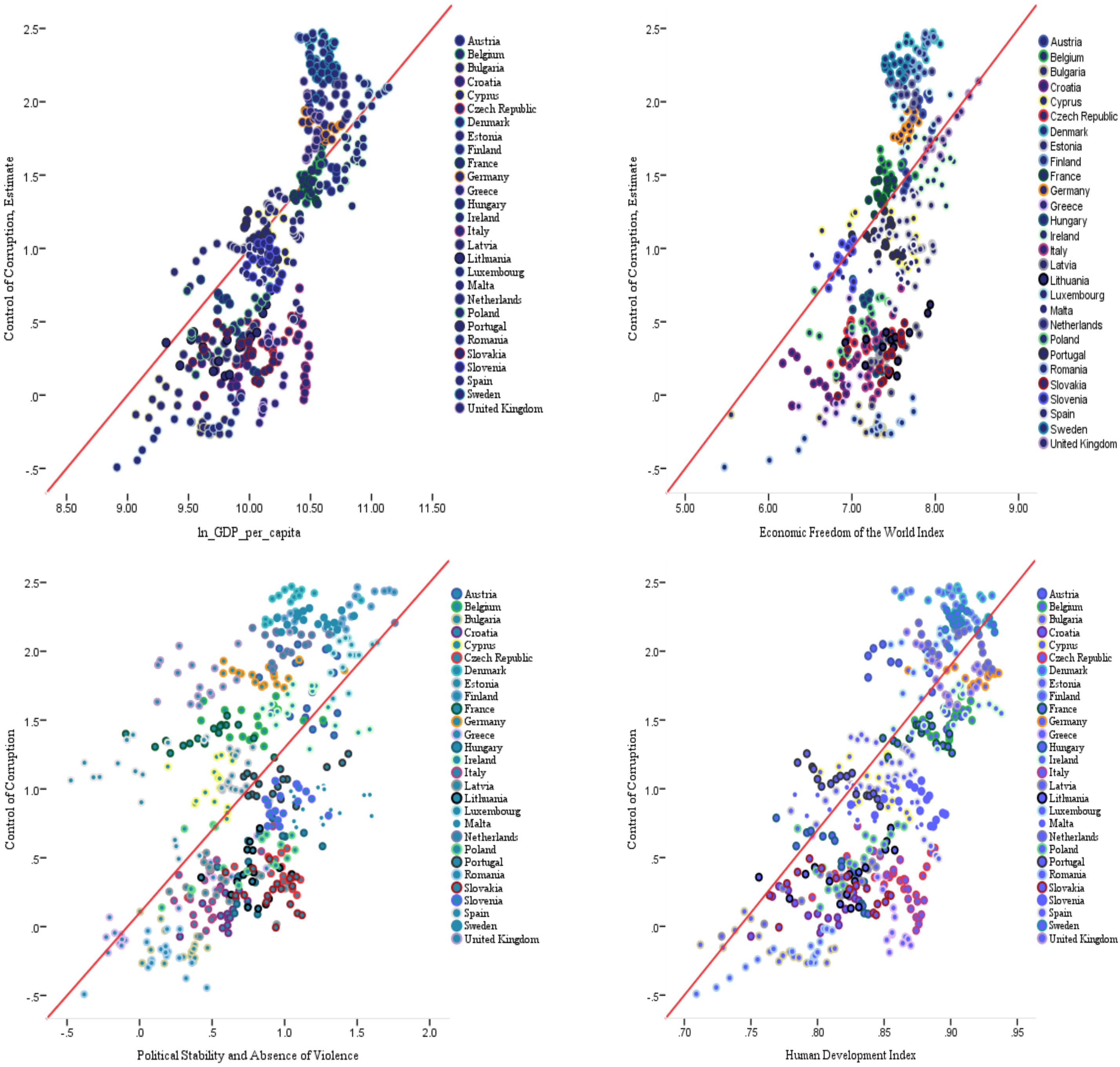
- panel data model, EU28
- covering a period of 18 years, 2000-2018

- Hypothesis1 (H1): Lack of corruption have a positive and statistically significant effect on growth rate
 - Hypothesis2 (H2): Economic freedom has a positive effect on perceived level of corruption control
 - Hypothesis3 (H3): Political stability is associated with lower corruption levels
 - Hypothesis4 (H4): There is a positive and significant correlation between corruption and human development
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- polled OLS, fixed effects and random effects
 - applied the panel-corrected standard error (PCSE) model as a corrected model

Results and interpretation

	Control of Corruption	GDP_per_capita	Freedom Index	Political Stability and Absence of Violence	HDI
Control of Corruption	1				
GDP_per_capita	0.795*** (0.000)	1			
Economic Freedom	0.625 *** (0.000)	0.608 *** (0.000)	1		
Political Stability and Absence of Violence	0.544*** (0.000)	0.414*** (0.000)	0.340*** (0.000)	1	
HDI	0.752*** (0.000)	0.909 *** (0.000)	0.589*** (0.000)	0.317*** (0.000)	1

Dependent Variable	Control of Corruption			
Independent Variables	Coefficient	Standard error	t-statistics	p-value
Economic Factors				
Economic Growth	1.335***	0.257	5.19	0.000
Economic Freedom	0.725***	0.146	4.96	0.000
Political and Individual Factors				
Political Stability and Absence of Violence	0.472***	0.040	11.53	0.000
Human Development Indicator	0.858***	0.258	3.32	0.001
Constant	-22.373***	1.825	-12.25	0.000
Number of countries	28			
R-squared	0.723			
Wald chi2(4)	468.30			
Prob>chi2	0.000			



Organizan



Financian



BOULEVARD - Aragón - Asturias - Cantabria - Castilla-La Mancha - Castilla y León - Cataluña - Extremadura - Madrid - Murcia - Navarra - País Vasco - Rioja - Valencia - Galicia - Asturias - Cantabria - Castilla-La Mancha - Castilla y León - Cataluña - Extremadura - Madrid - Murcia - Navarra - País Vasco - Rioja - Valencia - Galicia