

Social Capital under Good and Bad Governance

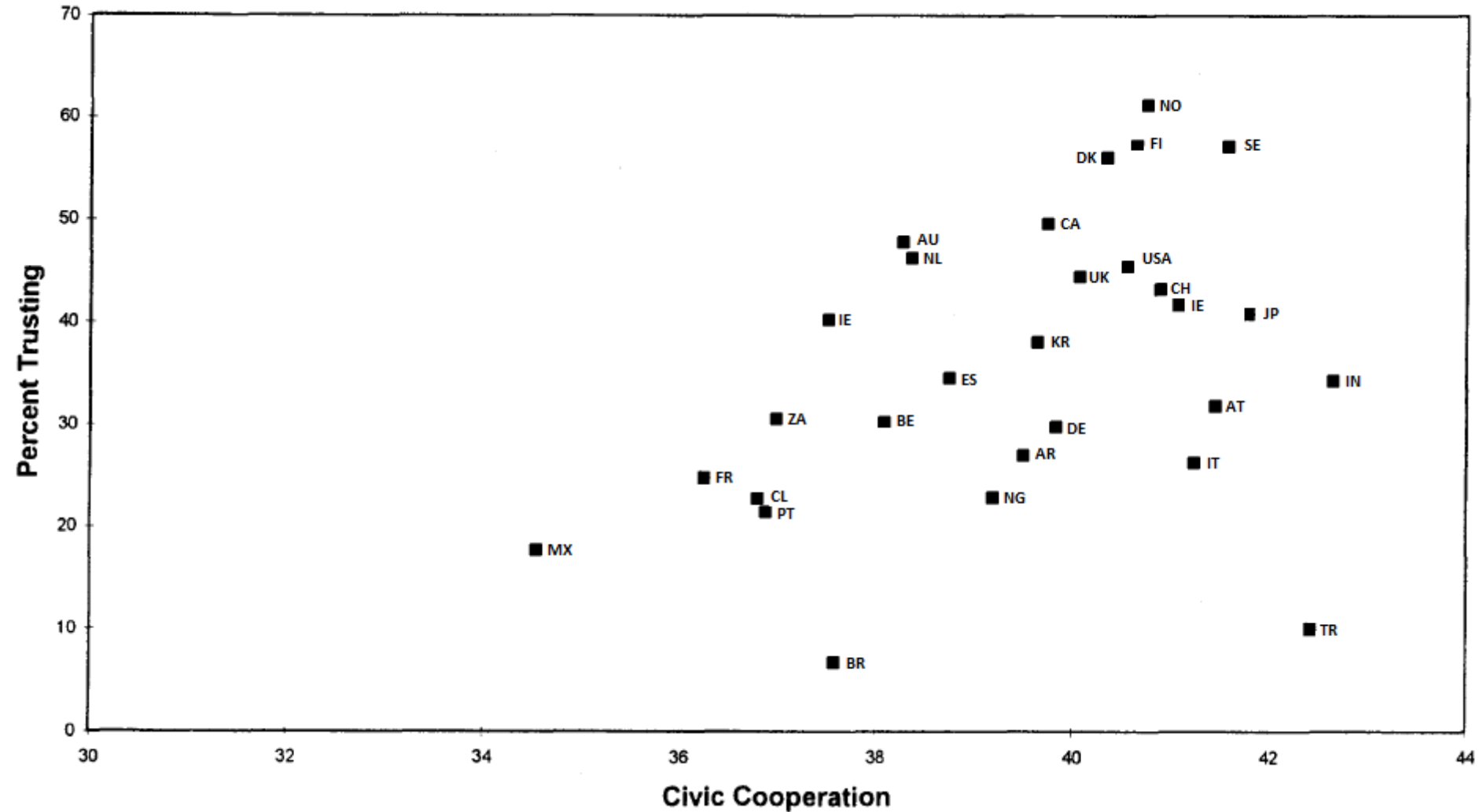
Filippos Exadaktylos
Reading University, UK

Laboratory for Comparative Social Research
Moscow, April 2016





Knack and Keefer, 1997
partial correlation of .39





Social Capital

Governance
Quality

Civic
cooperation



Social Capital

- Do you believe most people can be trusted?
- Are you a member of the following organizations?
Religious, Sport, Art, Labor, Political, Environmental, Professional, Humanitarian, Consumer, Other



Social Capital

- Do you believe most people can be trusted?
- Are you a member of the following organizations?
Religious, Sport, Art, Labor, Political, Environmental, Professional, Humanitarian, Consumer, Other

Is it justifiable to:

- Cheat on taxes if you have the chance to
- Claim government benefits which you are not entitled to
- Accept a bribe in the course of their duties
- Avoid a fare on public transport



Civic Cooperation

Social Capital

- Do you believe most people can be trusted?
- Are you a member of the following organizations?
Religious, Sport, Art, Labor, Political, Environmental, Professional, Humanitarian, Consumer, Other

Is it justifiable to:

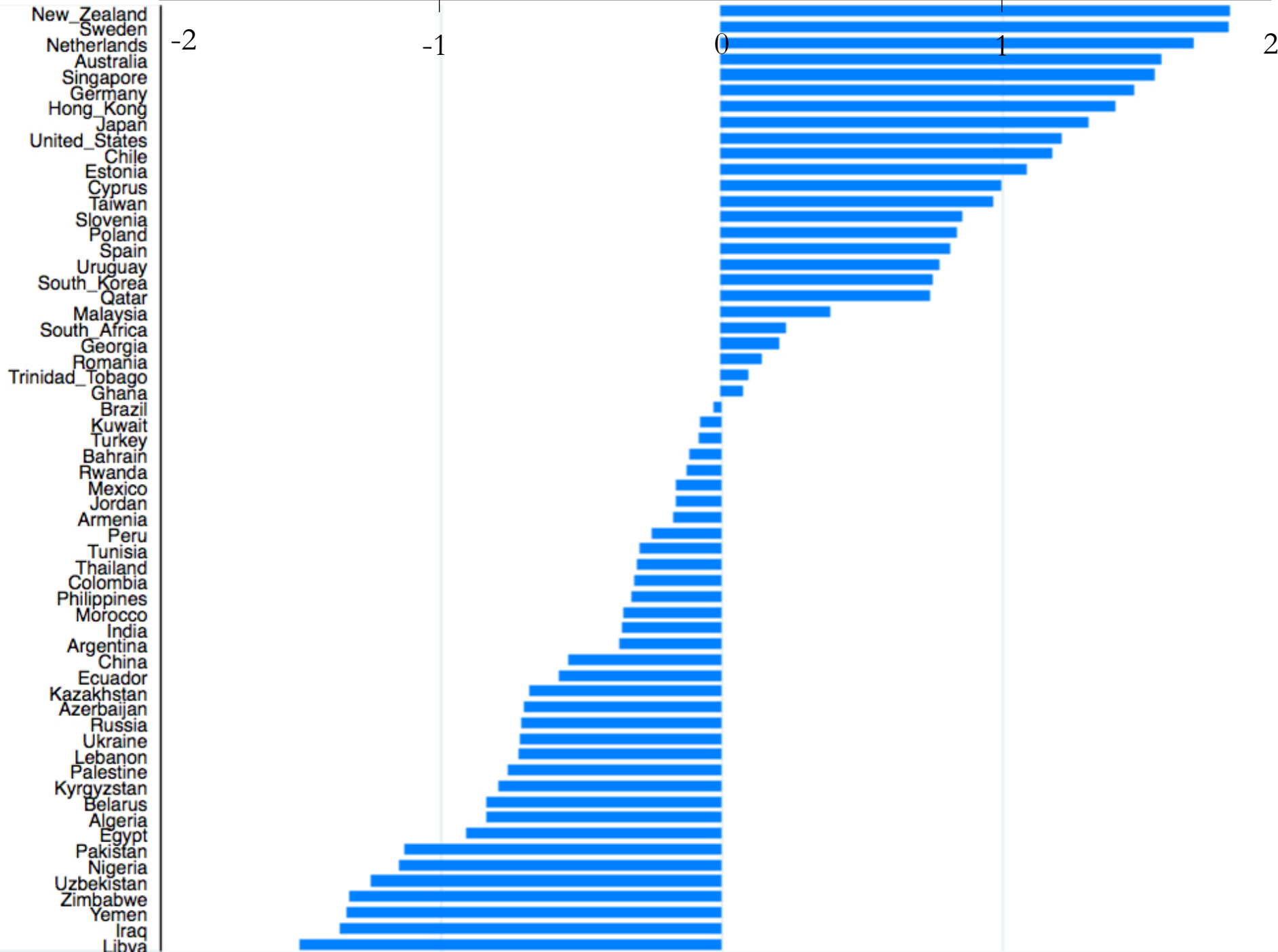
- Cheat on taxes if you have the chance to
- Claim government benefits which you are not entitled to
- Accept a bribe in the course of their duties
- Avoid a fare on public transport

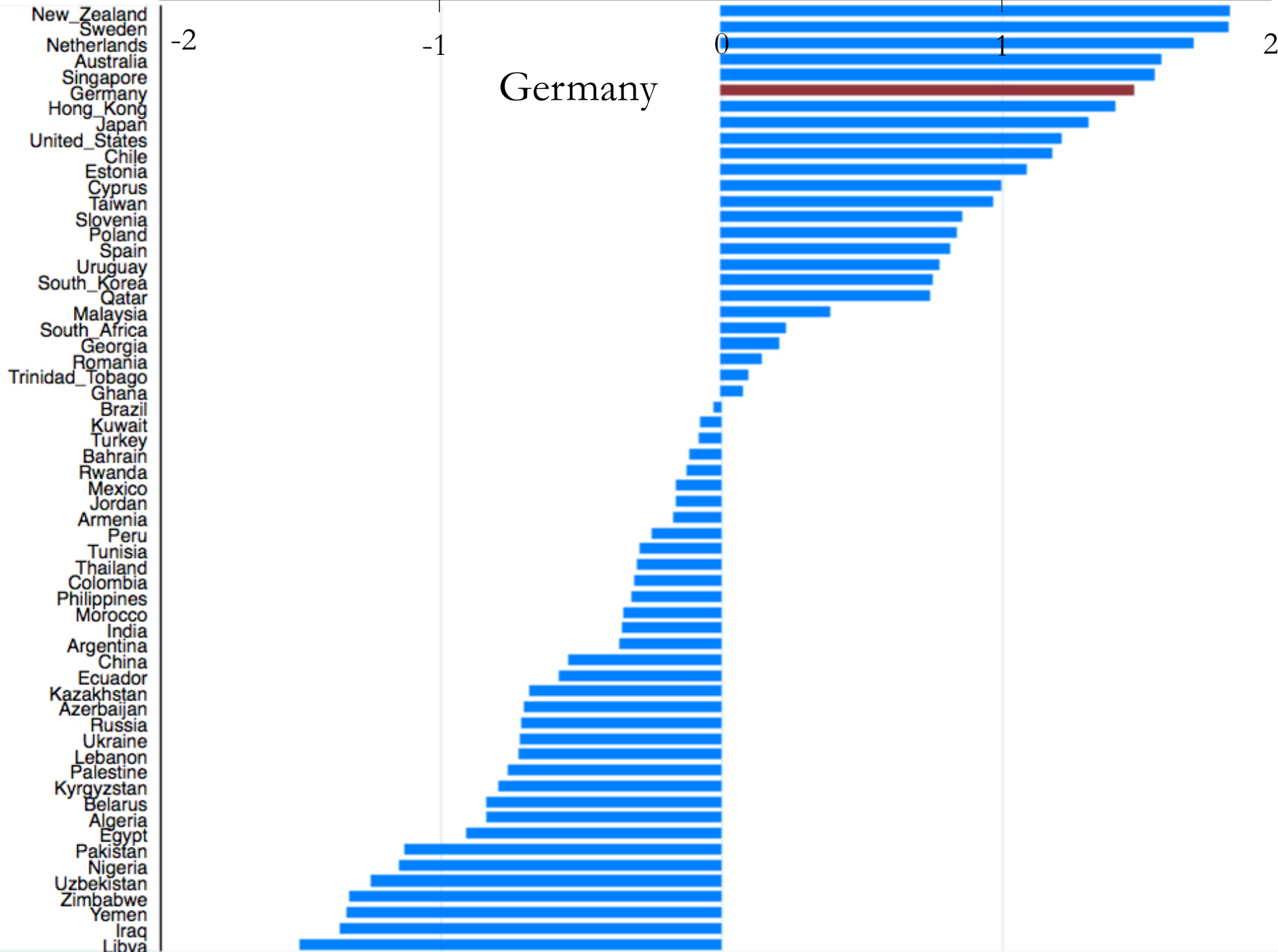
Worldwide Governance Indicators

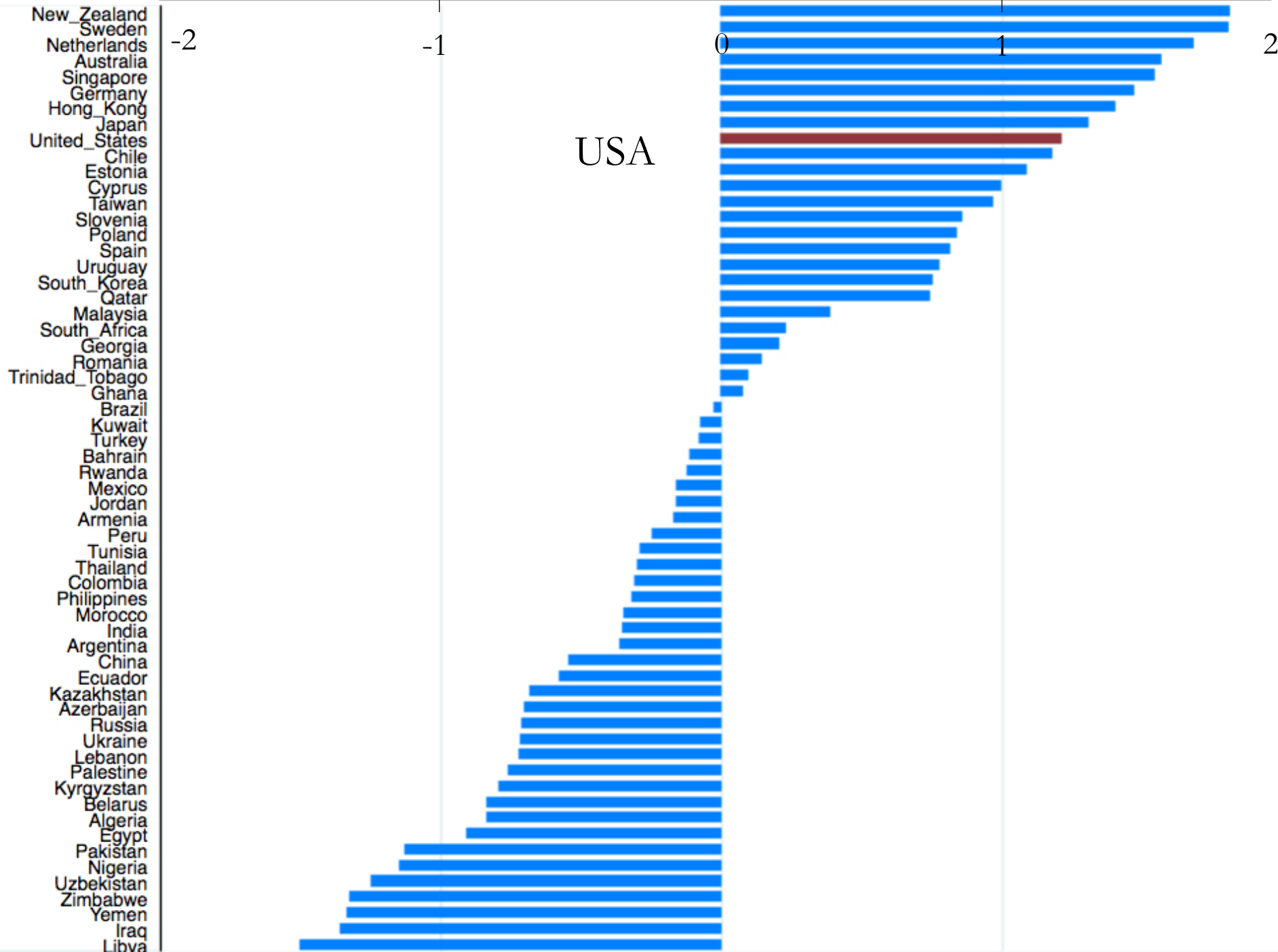
- Control of Corruption
- Rule of Law
- Government Effectiveness
- Voice and Accountability
- Political Stability
- Regulatory Quality

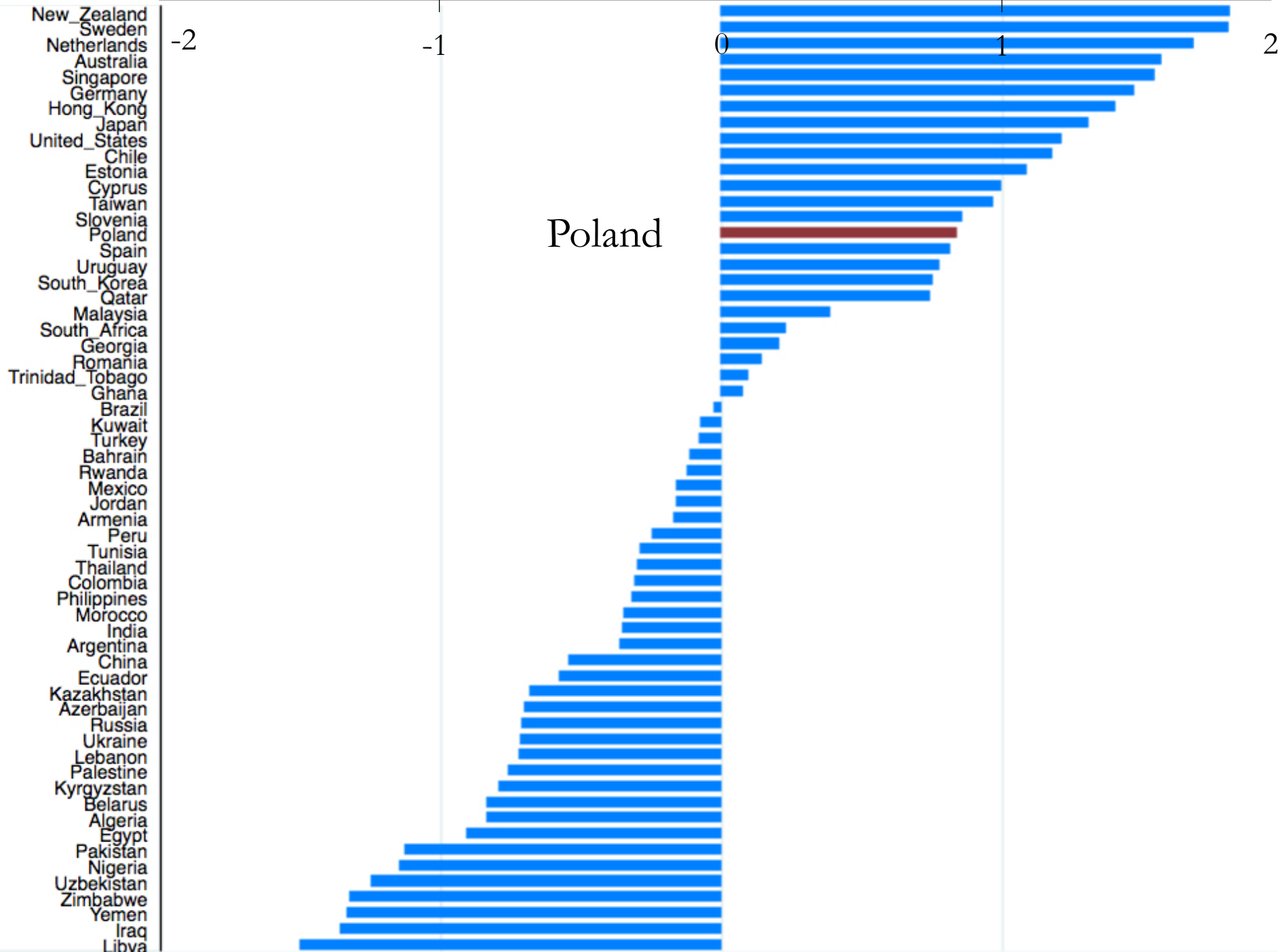
Civic Cooperation

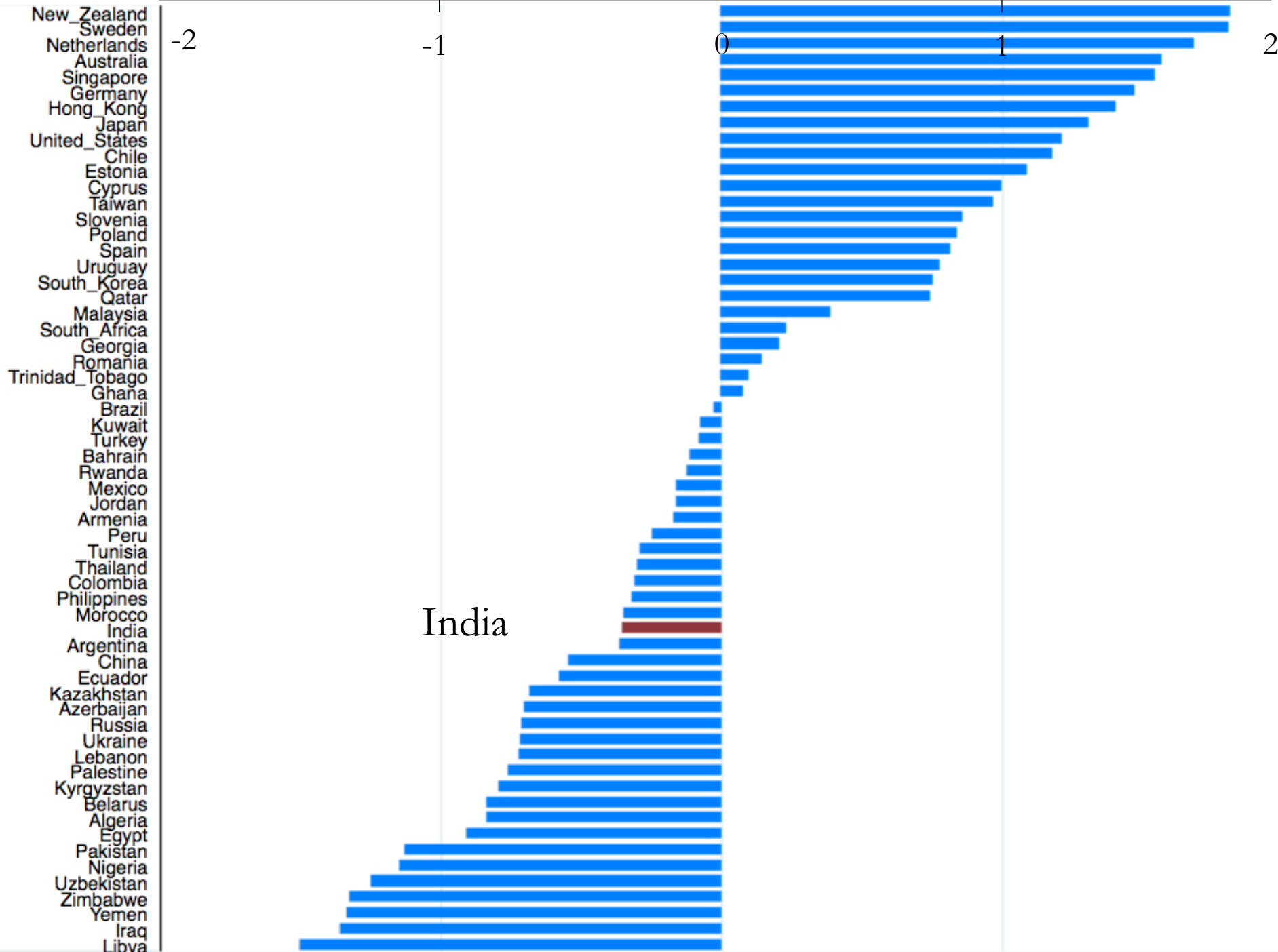
Quality of Governance

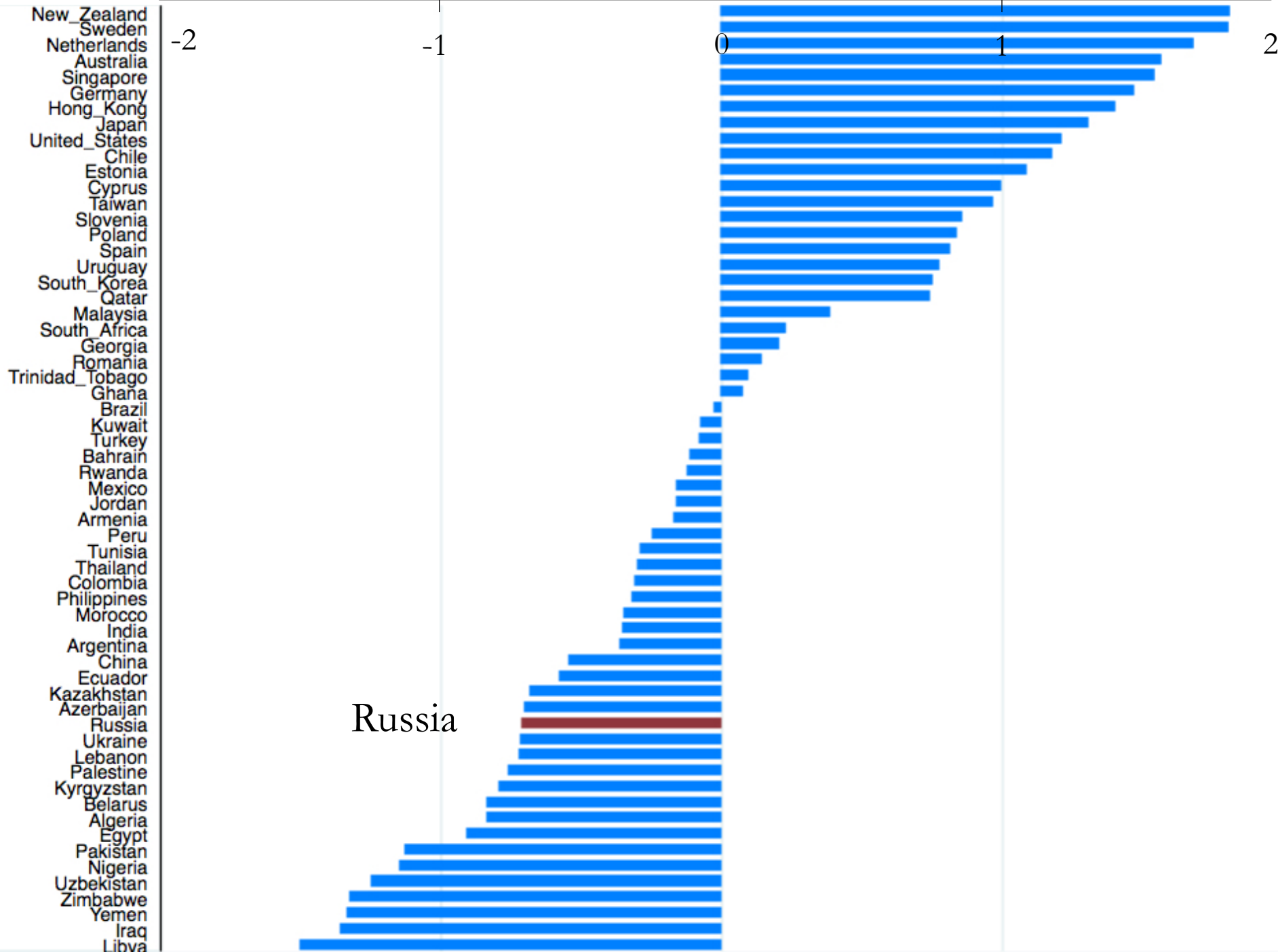


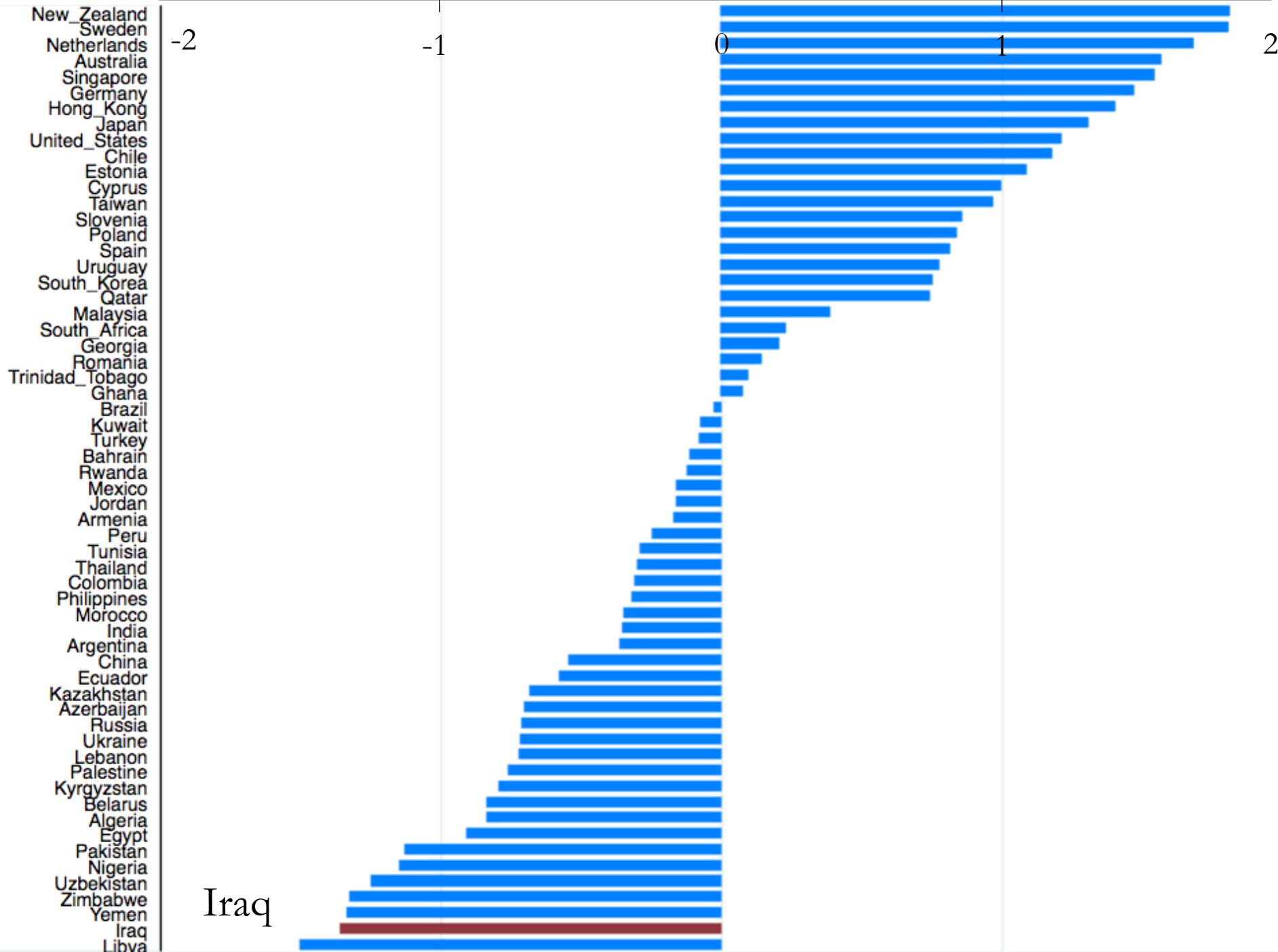


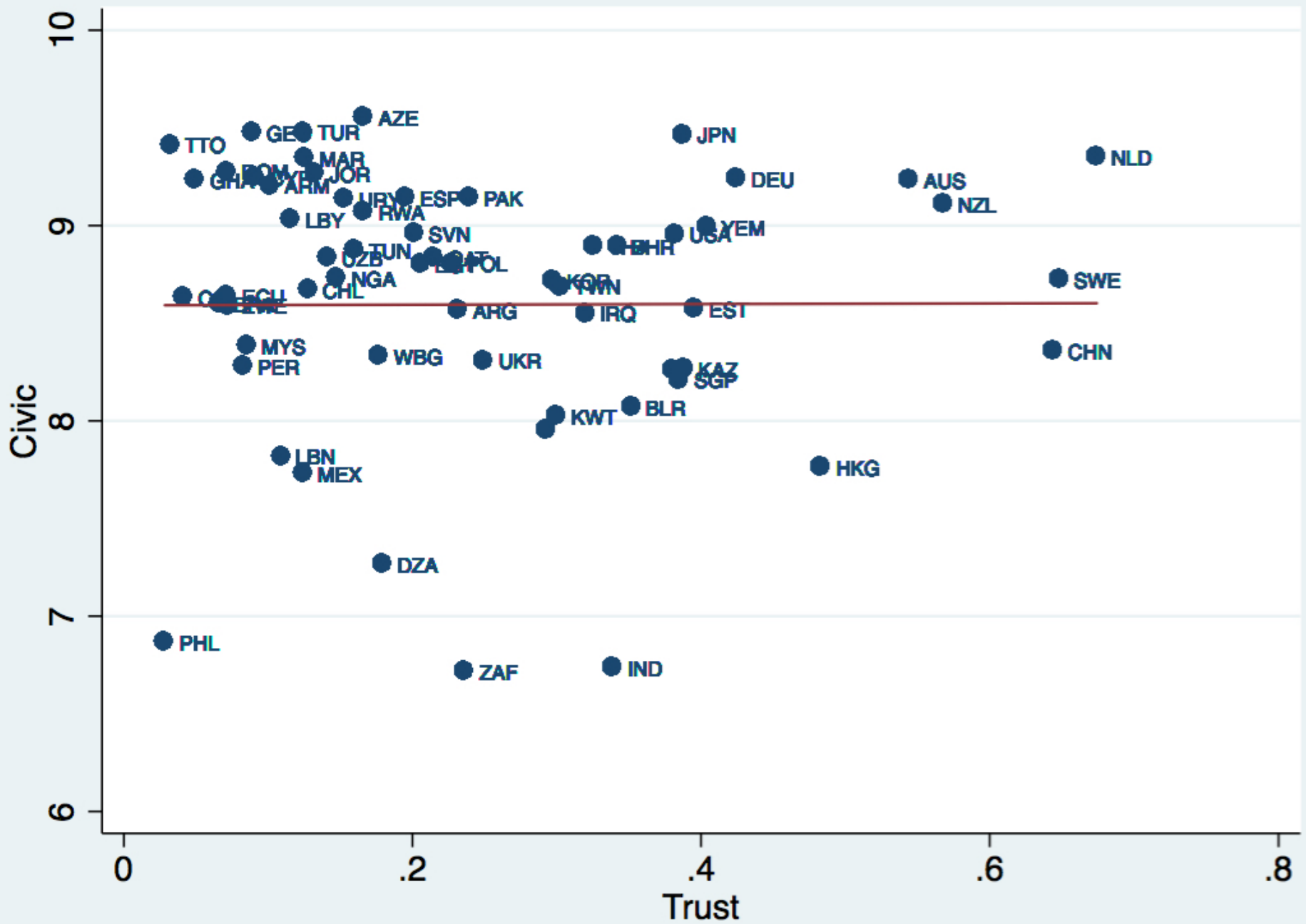


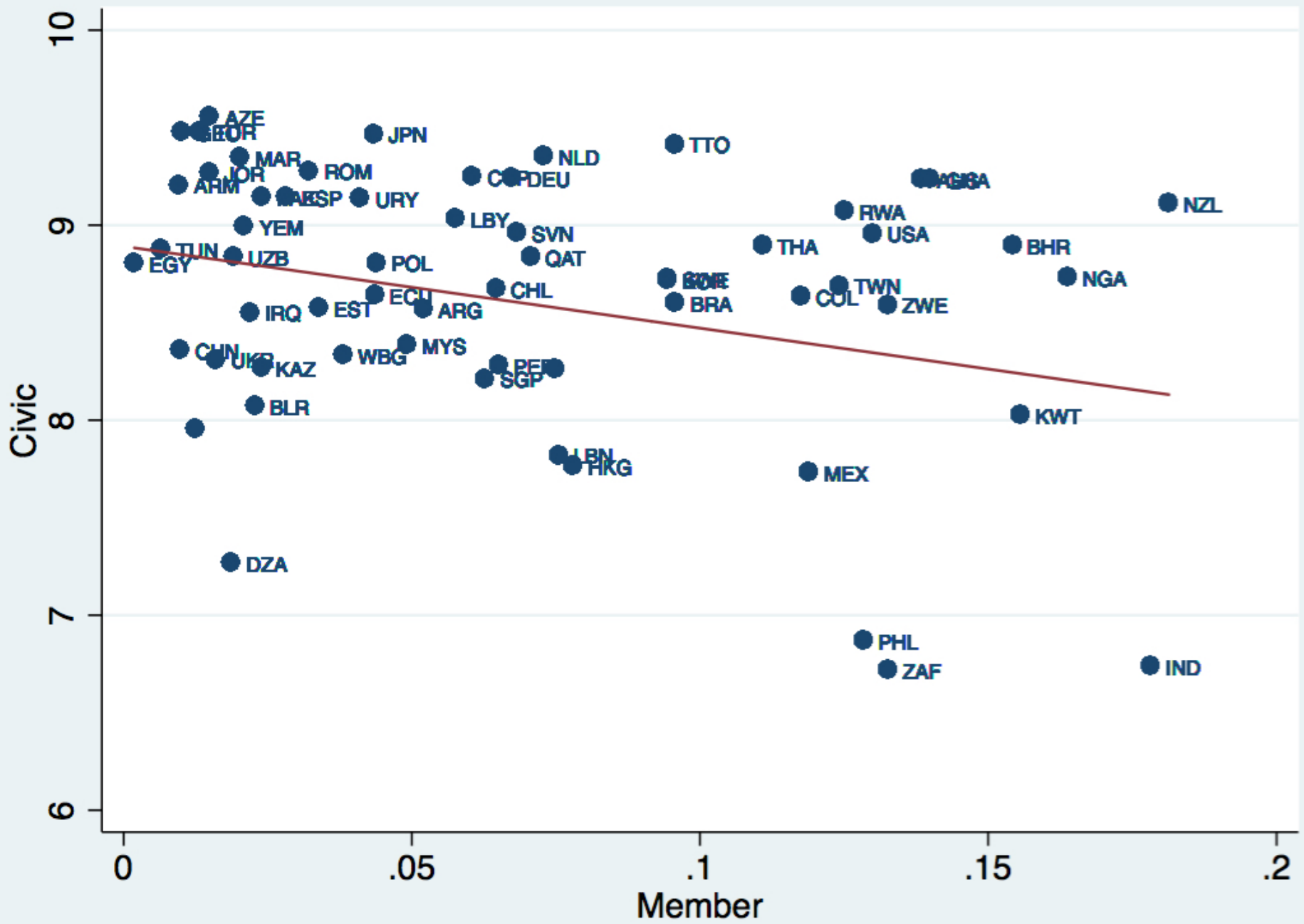


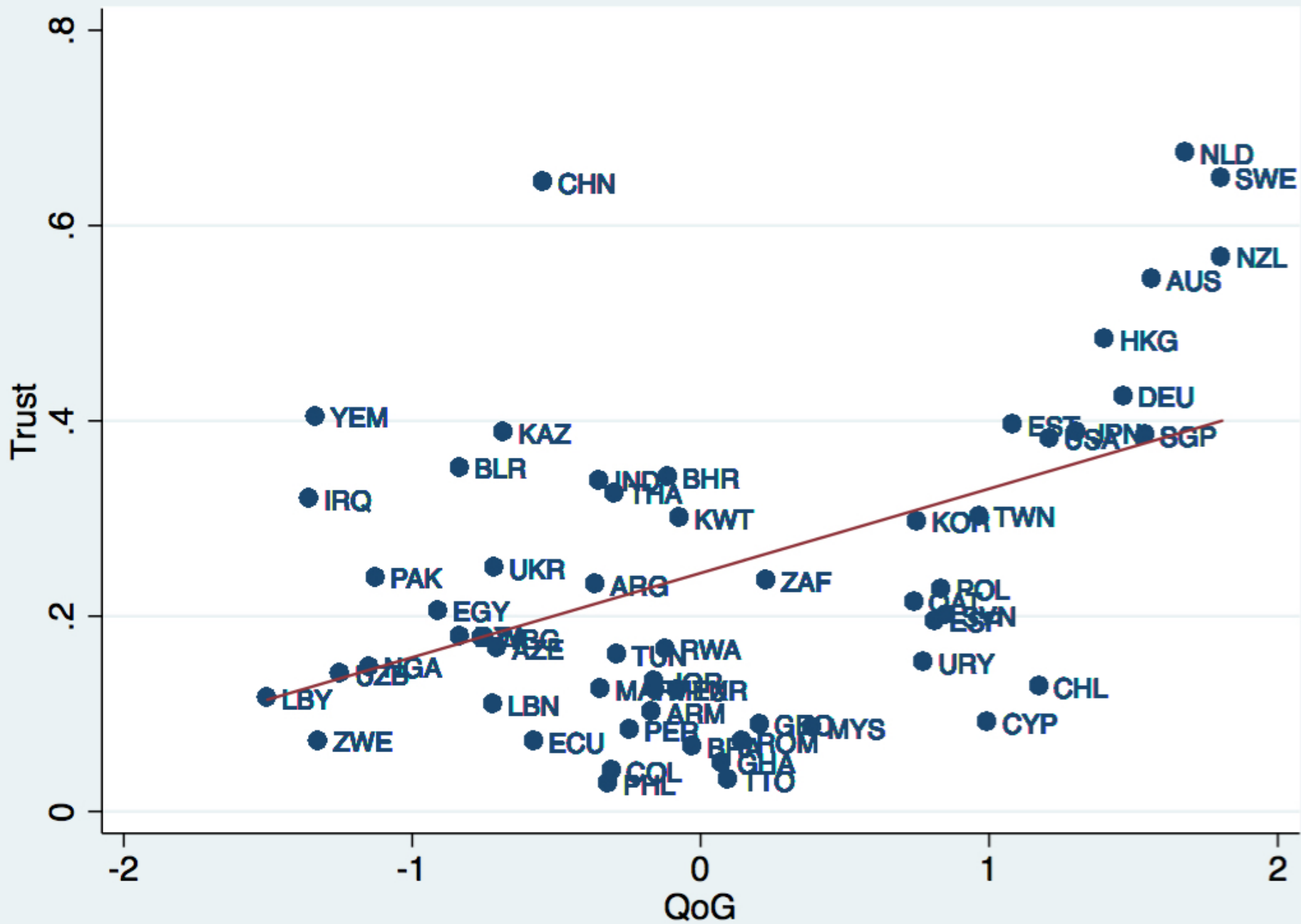


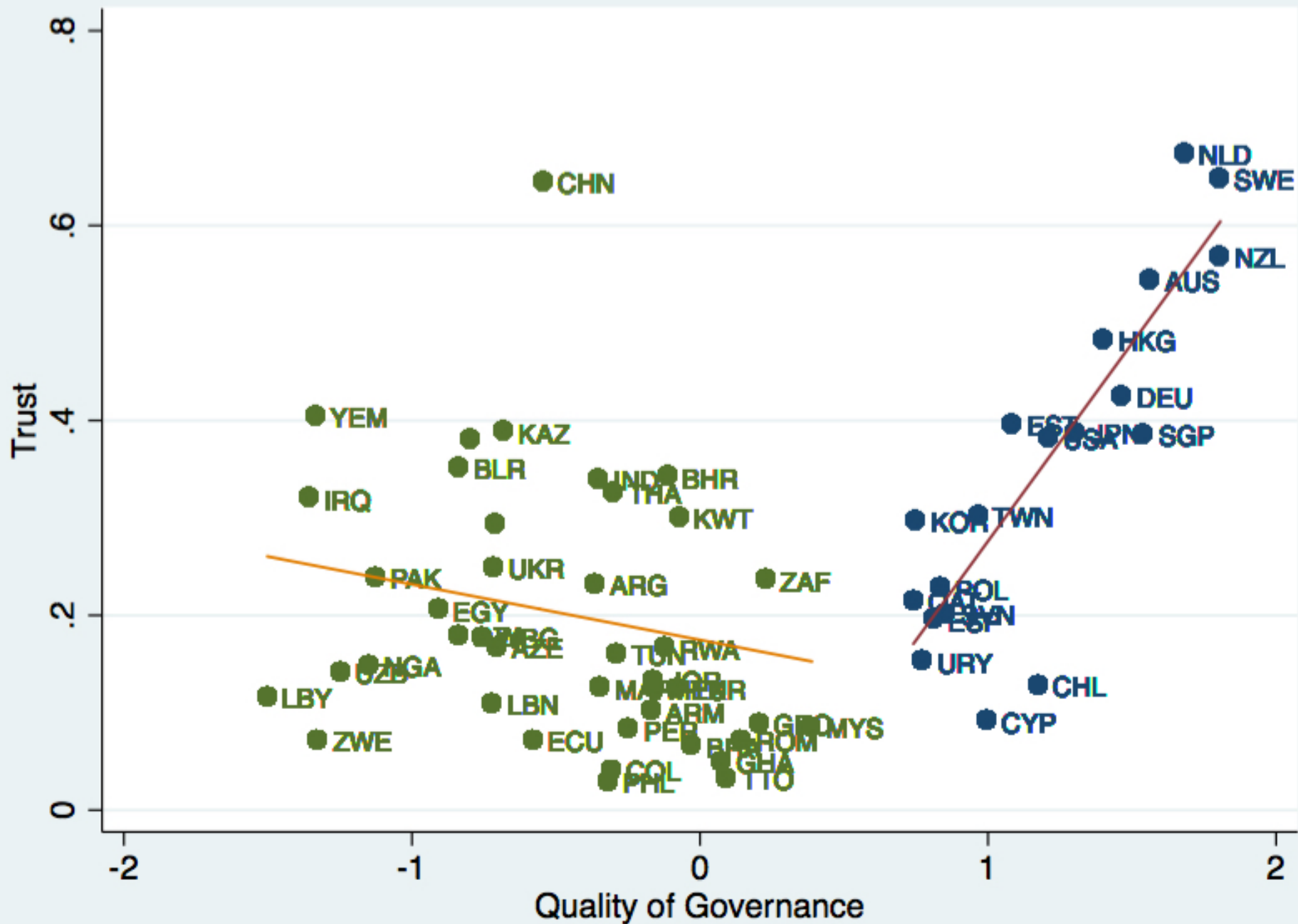












Explaining Civic Cooperation: a multilevel model

Fixed Effects						
	Intercept					
	Age					
	Female					
	Married					
	Education					
	Income					
	Religiosity					
	National Pride					
	Conf. in State Inst.					
	Trust					
Country Factors						
	QoG					
	Trust * QoG					
Variance Components						
	Individual Level					
	Country Level					
	Social Capital					
N individual Level/ country level						
LR						

Explaining Civic Cooperation: a multilevel model

		Empty Model				
Fixed Effects						
	Intercept					
	Age					
	Female					
	Married					
	Education					
	Income					
	Religiosity					
	National Pride					
	Conf. in State Inst.					
	Trust					
Country Factors						
	QoG					
	Trust * QoG					
Variance Components						
	Individual Level	2.59				
	Country Level	.42				
	Social Capital					
N individual Level/ country level		85237/60				
LR		15040.61***				

Explaining Civic Cooperation: a multilevel model

Empty Model

Fixed Effects

Intercept

Age

Female

Married

Education

Income

Religiosity

National Pride

Conf. in State Inst.

Trust

Country Factors

QoG

Trust * QoG

Variance Components

Individual Level 2.59

Country Level .42

Social Capital

N individual Level/
country level

85237/60

LR

15040.61***

14% due to country diffs

Explaining Civic Cooperation: a multilevel model

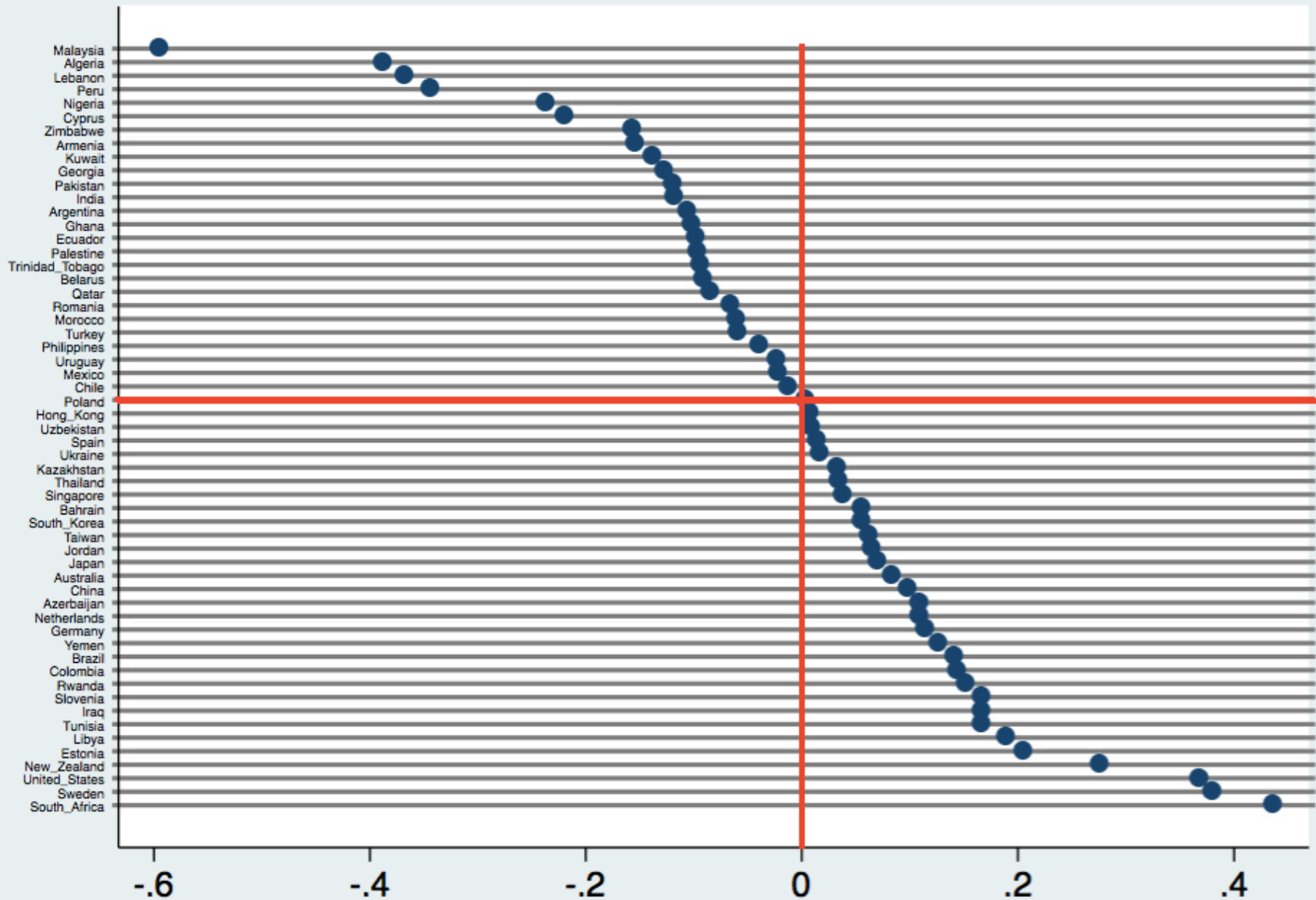
	Empty Model	Level 1			
Fixed Effects					
	Intercept		7.44***		
	Age		.01***		
	Female		.06***		
	Married		.12***		
	Education		.19***		
	Income		-.21***		
	Religiosity		-.01		
	National Pride		.19***		
	Conf. in State Inst.		.03***		
	Trust		-.00 (0.756)		
Country Factors					
	QoG				
	Trust * QoG				
Variance Components					
	Individual Level	2.59	.40		
	Country Level	.42	2.51		
	Social Capital				
N individual Level/ country level		85237/60	74007/59		
LR		15040.61***	12953.70***		

Explaining Civic Cooperation: a multilevel model

		Empty Model	Level 1	Multilevel		
Fixed Effects						
	Intercept		7.44***	7.44***		
	Age		.01***	.01***		
	Female		.06***	.06***		
	Married		.12***	.12***		
	Education		.19***	.19***		
	Income		-.21***	-.21***		
	Religiosity		-.01	-.01*		
	National Pride		.19***	.19***		
	Conf. in State Inst.		.03***	.03***		
	Trust		-.00 (0.756)	-.00 (0.74)		
Country Factors						
	QoG			.14* (.096)		
	Trust * QoG					
Variance Components						
	Individual Level	2.59	.40	.38		
	Country Level	.42	2.51	2.5		
	Social Capital					
N individual Level/ country level		85237/60	74007/59	74007/59		
LR		15040.61***	12953.70***	12583.63 ***		

Explaining Civic Cooperation: a multilevel model

		Empty Model	Level 1	Multilevel	Multilevel (random ef.)	
Fixed Effects						
	Intercept		7.44***	7.44***	7.43***	
	Age		.01***	.01***	.01***	
	Female		.06***	.06***	.05***	
	Married		.12***	.12***	.12***	
	Education		.19***	.19***	.19***	
	Income		-.21***	-.21***	-.21***	
	Religiosity		-.01	-.01*	-.01	
	National Pride		.19***	.19***	.19***	
	Conf. in State Inst.		.03***	.03***	.03***	
	Trust		-.00 (0.756)	-.00 (0.74)	-.05* (.08)	
Country Factors						
	QoG			.14* (.096)	.12 (.22)	
	Trust * QoG					
Variance Components						
	Individual Level	2.59	.40	.38	.38	
	Country Level	.42	2.51	2.5	2.51225	
	Social Capital				.04	
N individual Level/ country level		85237/60	74007/59	74007/59	74007/59	
LR		15040.61***	12953.70***	12583.63 ***	12708.50***	

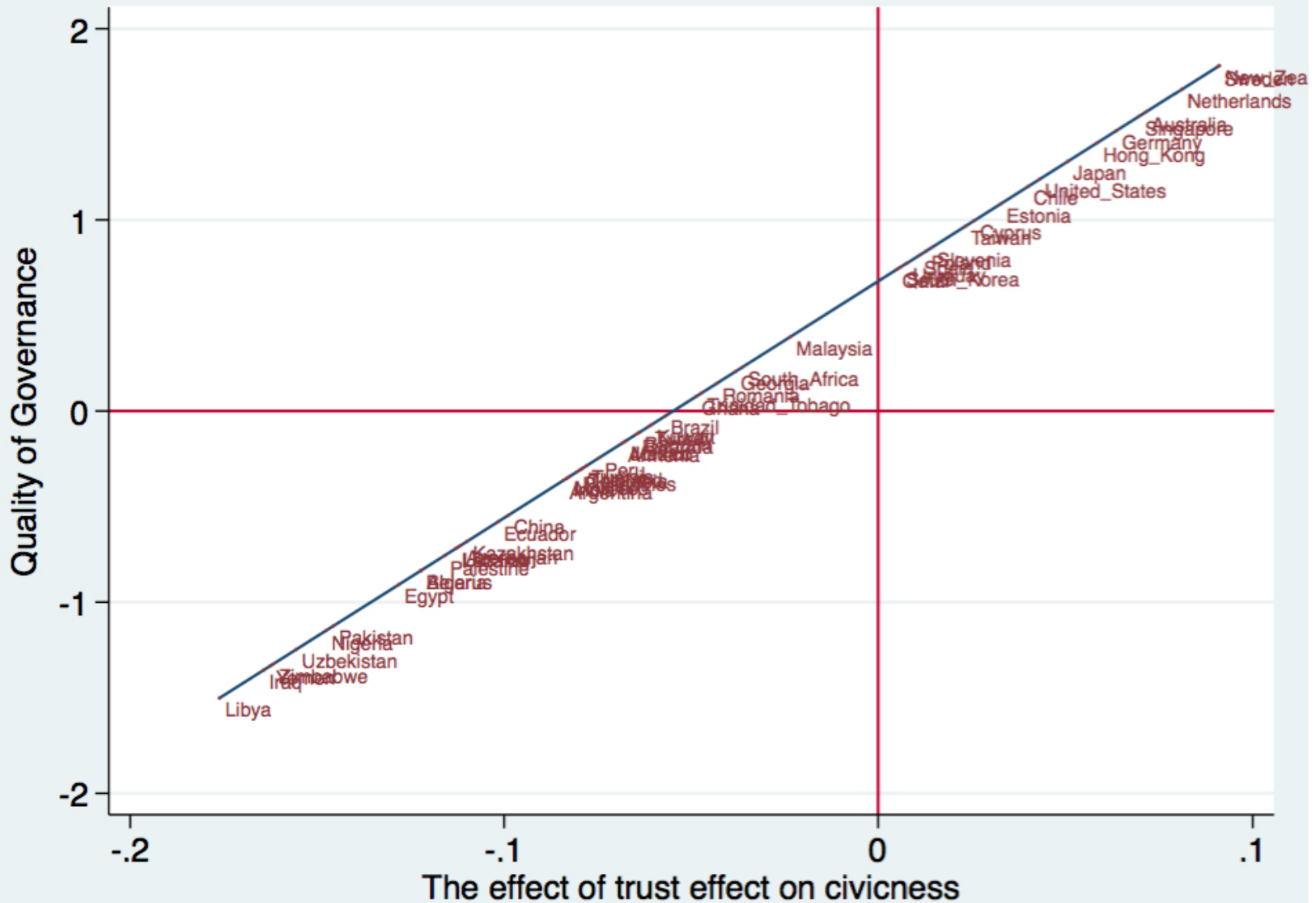


Effect of Trust on Civicness

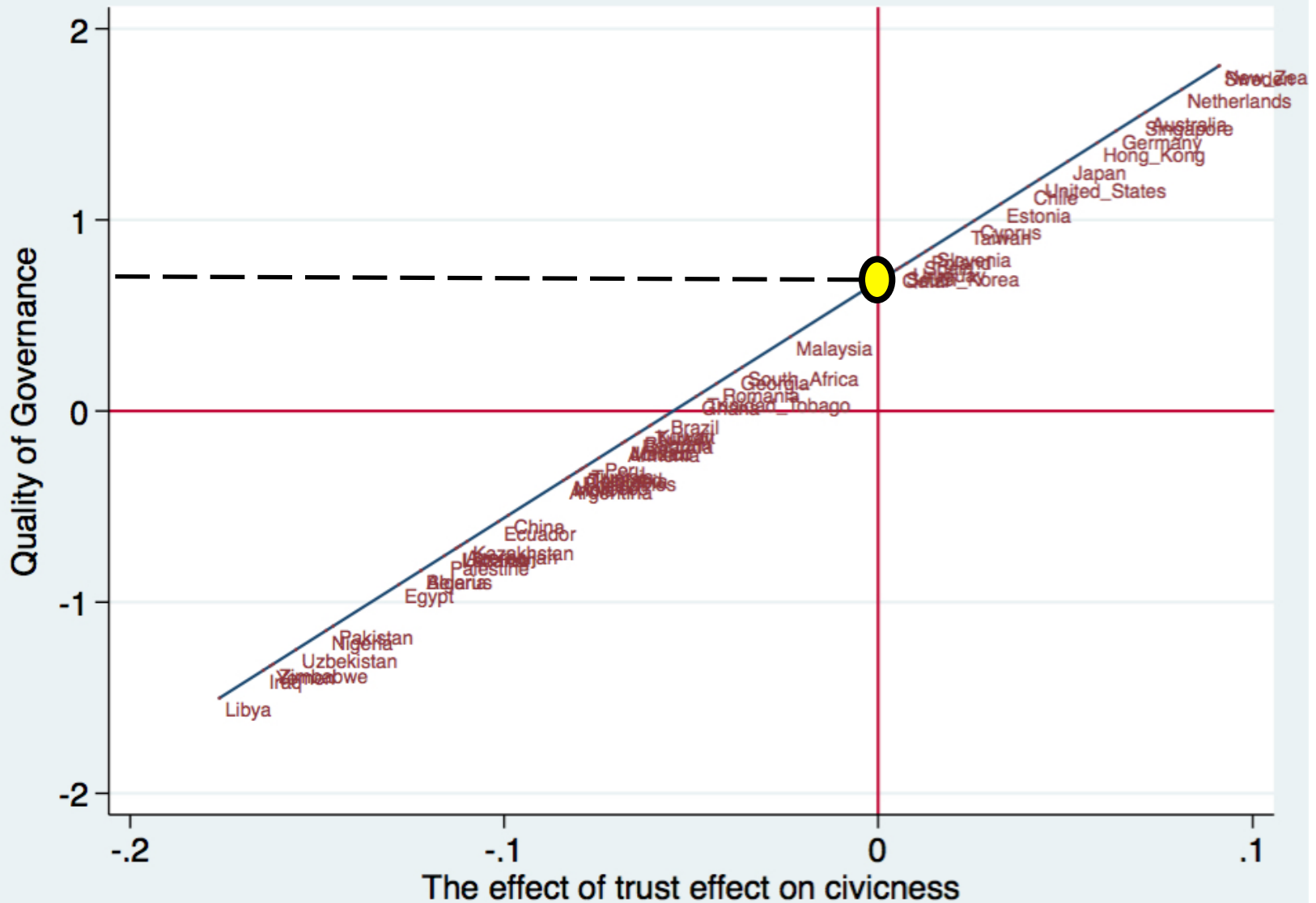
Explaining Civic Cooperation: a multilevel model

		Empty Model	Level 1	Multilevel	Multilevel (random ef.)	Cross-level interaction
Fixed Effects						
	Intercept		7.44***	7.44***	7.43***	7.43***
	Age		.01***	.01***	.01***	.01***
	Female		.06***	.06***	.05***	.05***
	Married		.12***	.12***	.12***	.12***
	Education		.19***	.19***	.19***	.19***
	Income		-.21***	-.21***	-.21***	-.21***
	Religiosity		-.01	-.01*	-.01	-.01
	National Pride		.19***	.19***	.19***	.19***
	Conf. in State Inst.		.03***	.03***	.03***	.03***
	Trust		-.00 (0.756)	-.00 (0.74)	-.05* (.08)	-0.5* (.056)
Country Factors						
	QoG			.14* (.096)	.12 (.22)	.11 (.19)
	Trust * QoG					.08*** (.009)
Variance Components						
	Individual Level	2.59	.40	.38	.38	.38
	Country Level	.42	2.51	2.5	2.51225	2.512285
	Social Capital				.04	.03
N individual Level/ country level		85237/60	74007/59	74007/59	74007/59	74007/59
LR		15040.61***	12953.70***	12583.63 ***	12708.50***	12595.16***

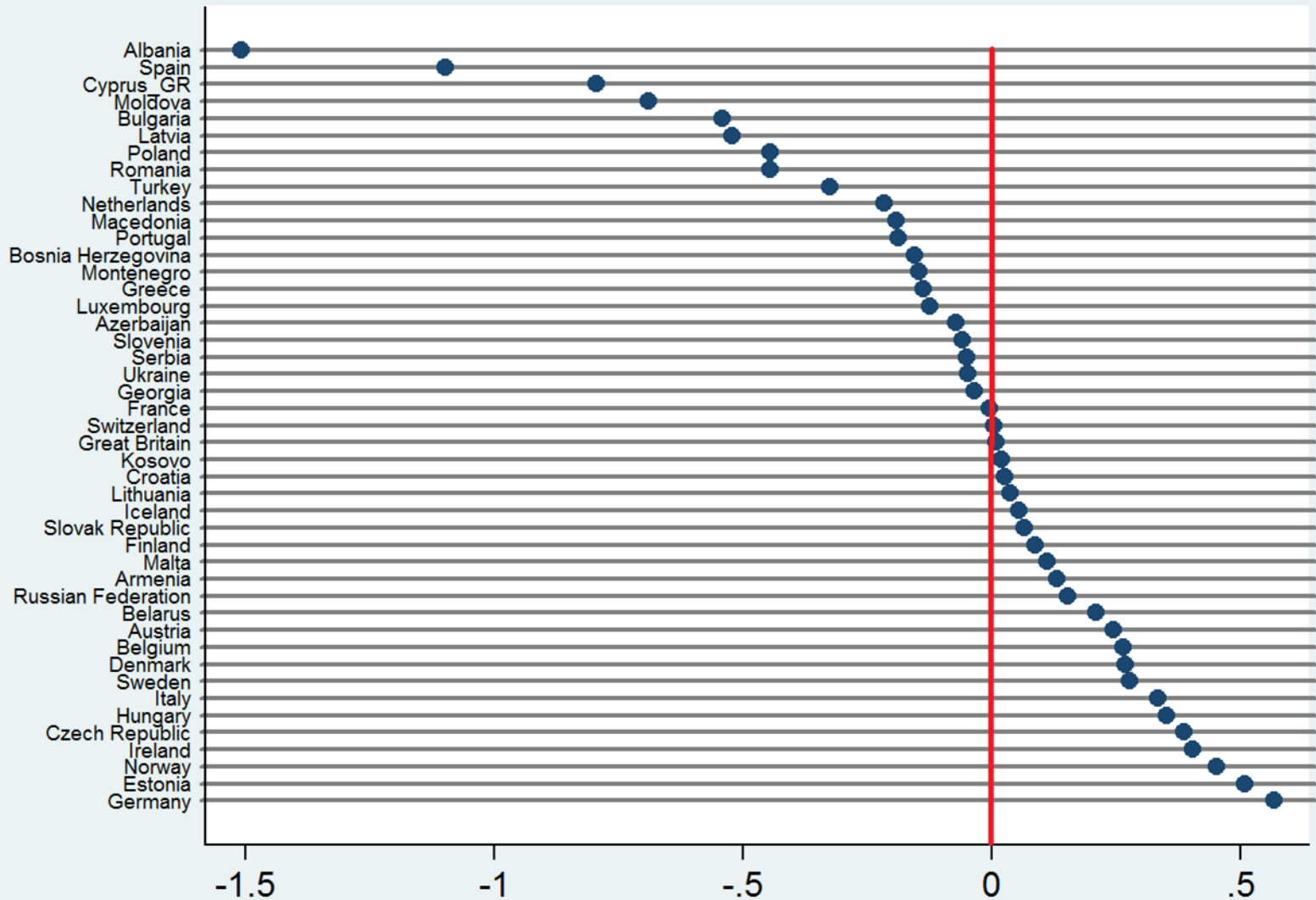
The effect of Trust on Civicsness as a function of Q.of Governance



The effect of Trust on Civicsness as a function of Q.of Governance

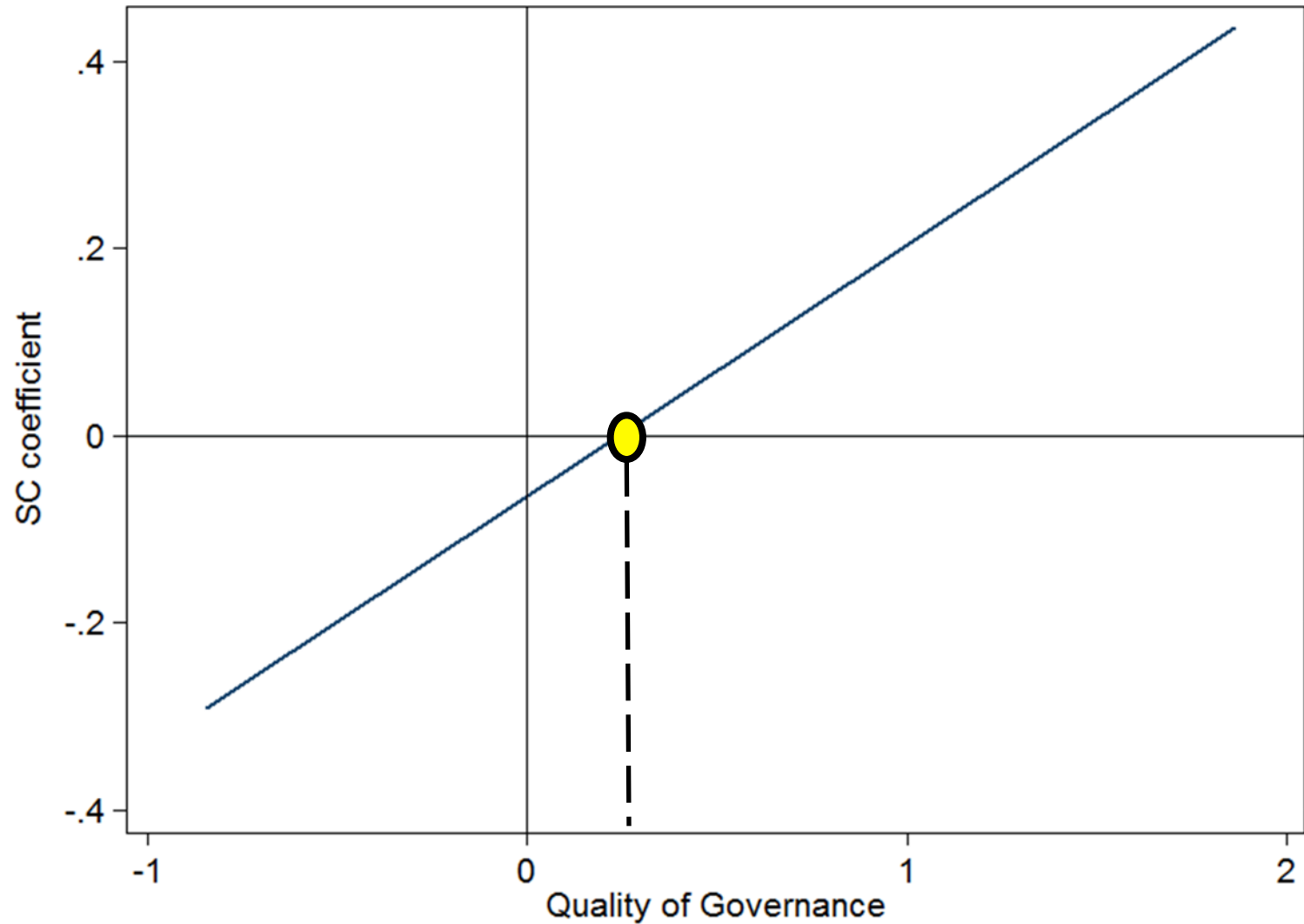


European Values Survey (2008 – 47 countries)

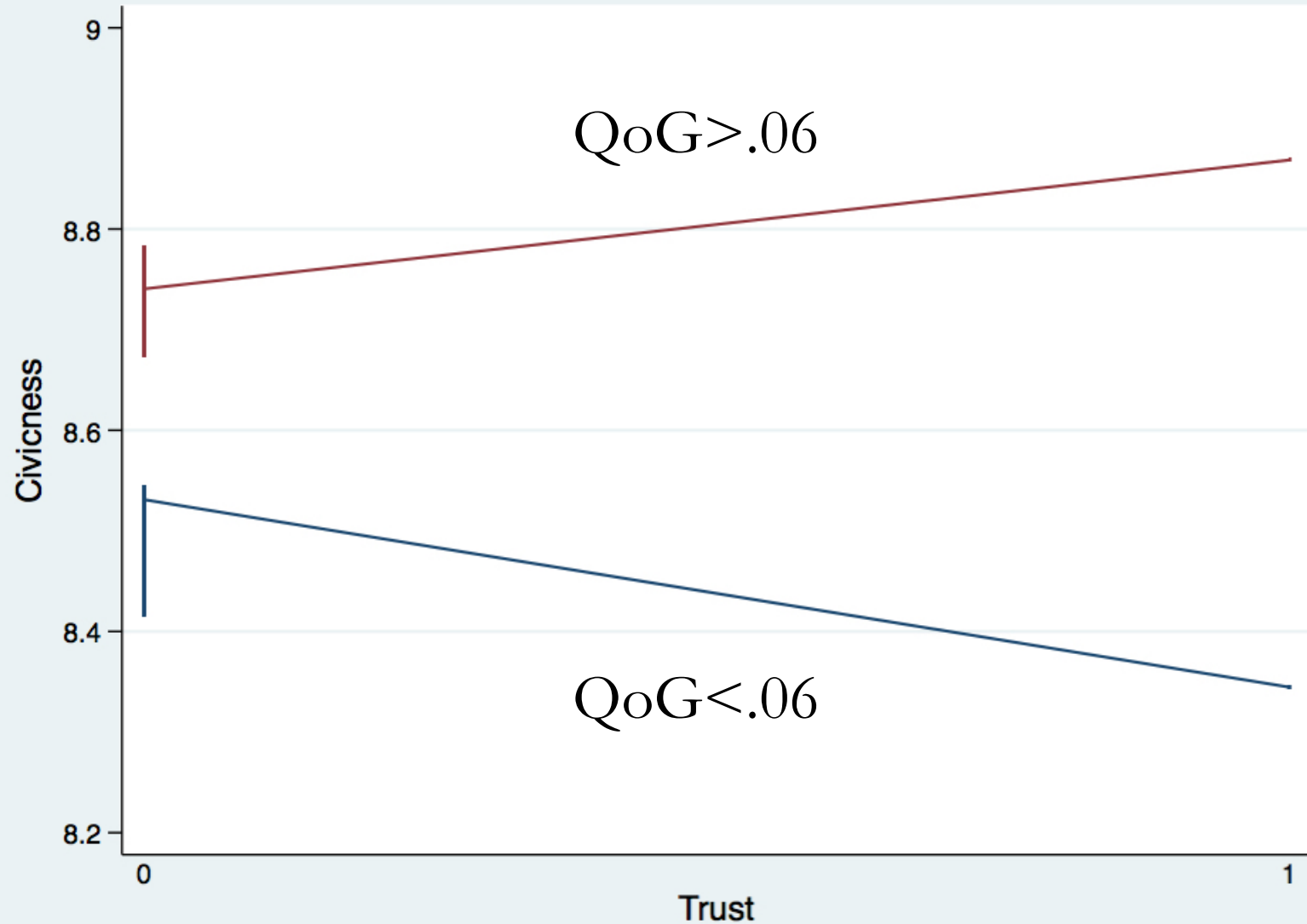


Effect of Trust on Civics

European Values Survey (2008 – 47 countries)



Social Capital under Good and Bad Governance





Civic Cooperation

Is it justifiable to:

- Cheat on taxes if you have the chance to (*Tax Morale*)
- Claim government benefits which you are not entitled to
- Pay cash for services to avoid taxes
- Accept a bribe in the course of their duties
- Avoid a fare on public transport



Civic
Cooperation

Is it justifiable to:

- Cheat on taxes if you have the chance to (*Tax Morale*)
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- Pay cash for services to avoid taxes
- Accept a bribe in the course of their duties
- Avoid a fare on public transport

Have you ever:



Active
Engagement

- Signed a petition
- Attended peaceful demonstration
- Joined a Boycott
- Joined a Strike
- Other



Civic Cooperation

Is it justifiable to:

- Cheat on taxes if you have the chance to (*Tax Morale*)
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Have you ever:

- Signed a petition
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Active Engagement

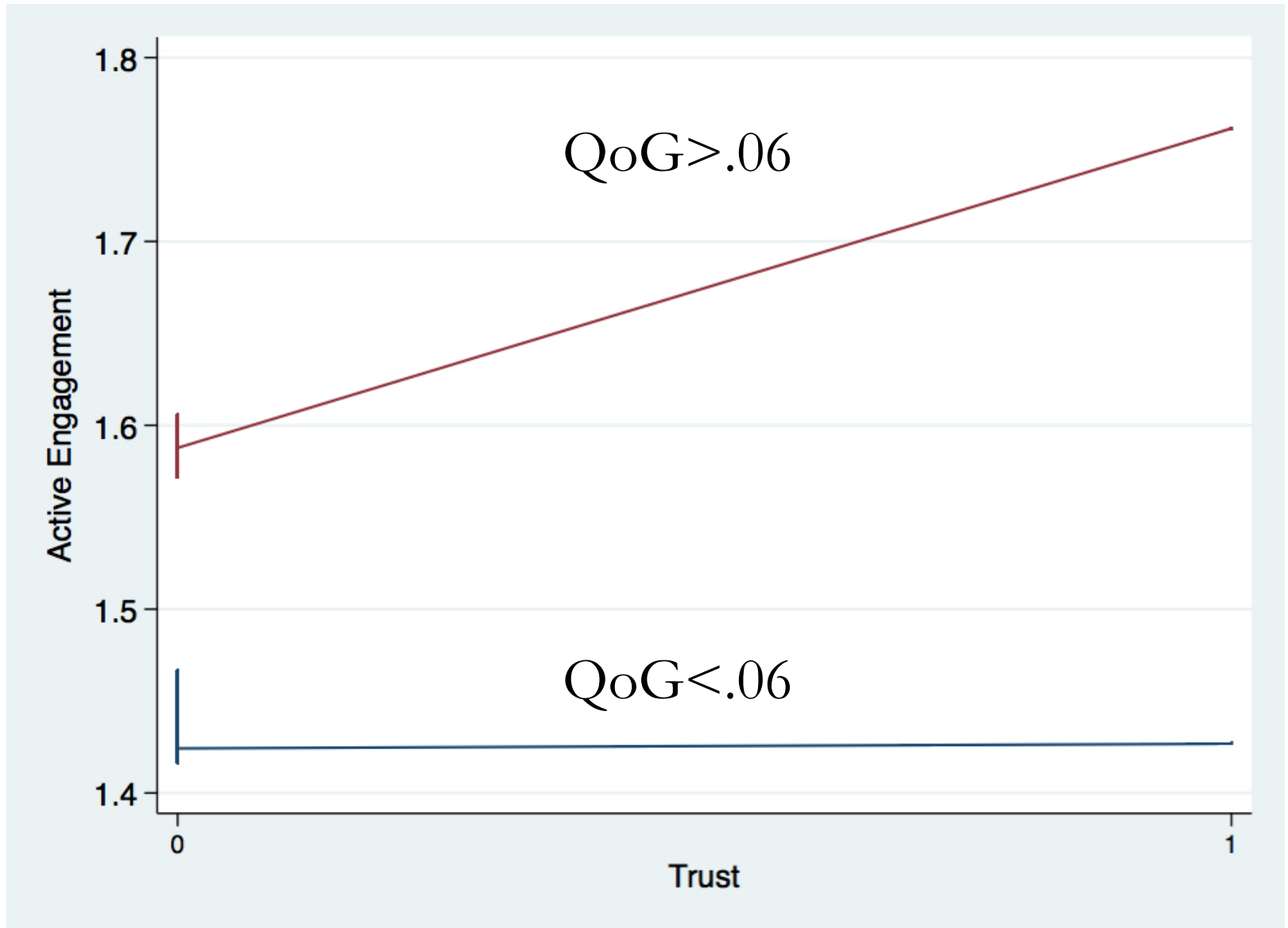
Is it justifiable:

- Homosexuality
- Abortion
- Suicide
- Euthanasia
- Divorce

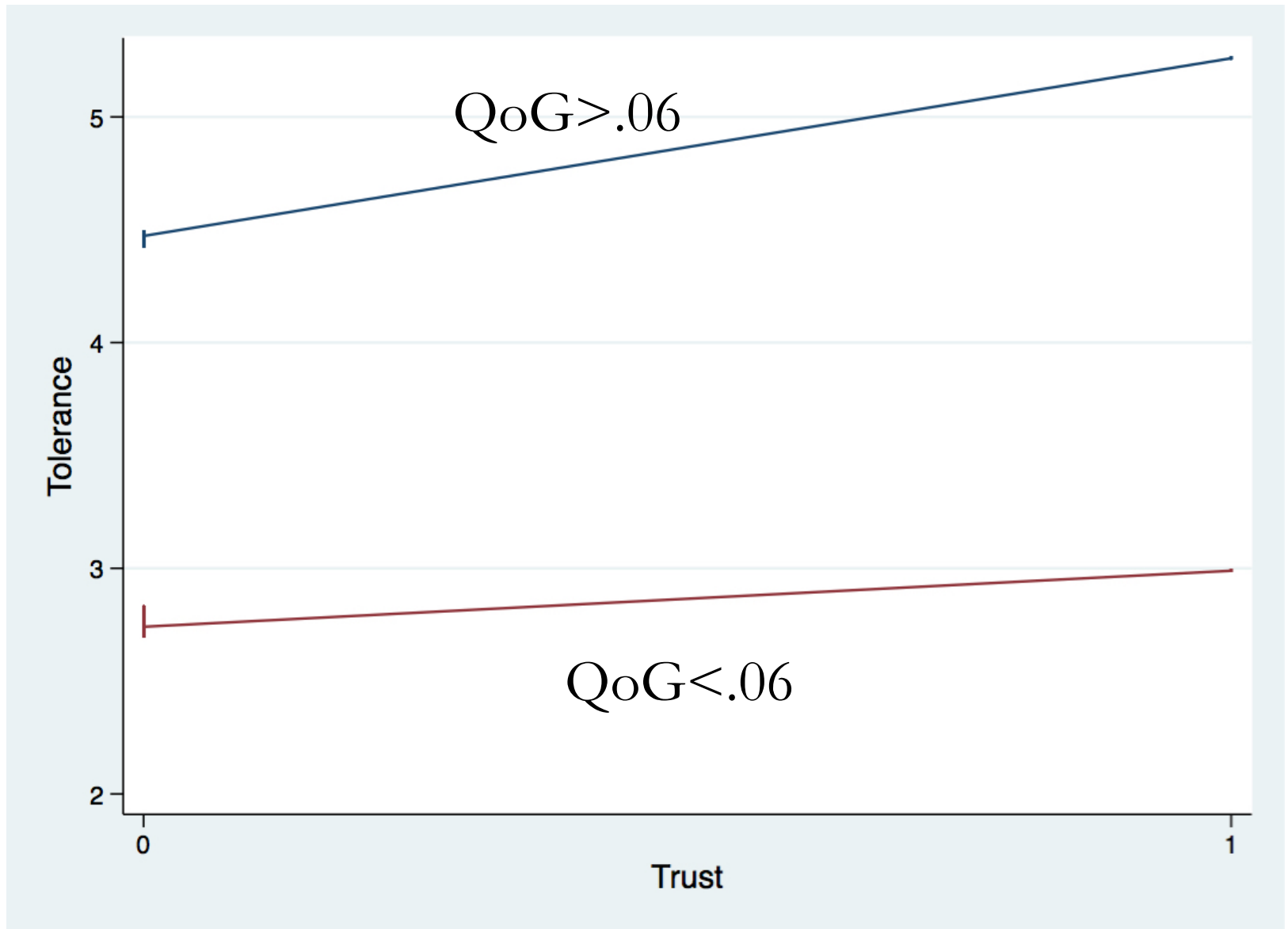


Tolerance

Social Capital under Good and Bad Governance



Social Capital under Good and Bad Governance



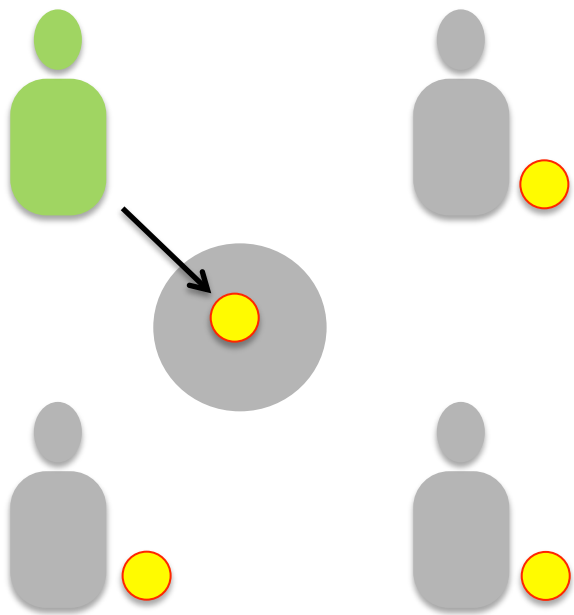
Thank you!

ph.exadaktylos@gmail.com

Cooperation in the lab – public goods game

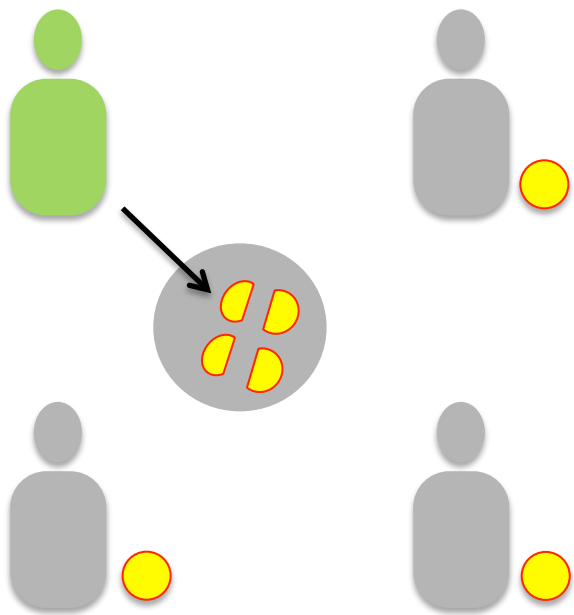
Cooperation in the lab – public goods game

BASELINE



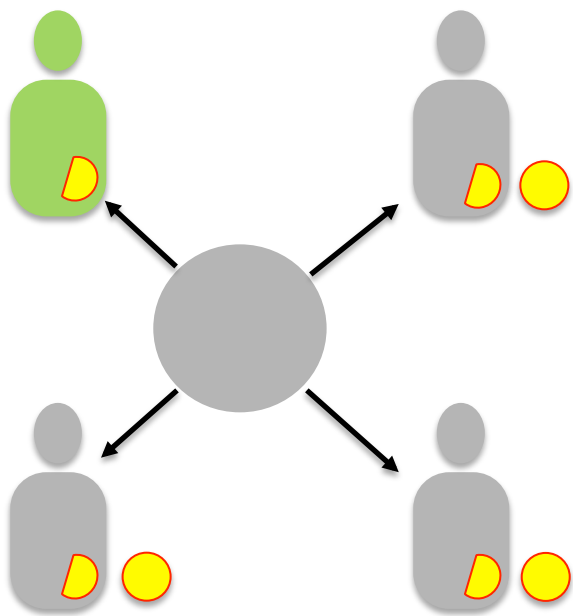
Cooperation in the lab – public goods game

BASELINE



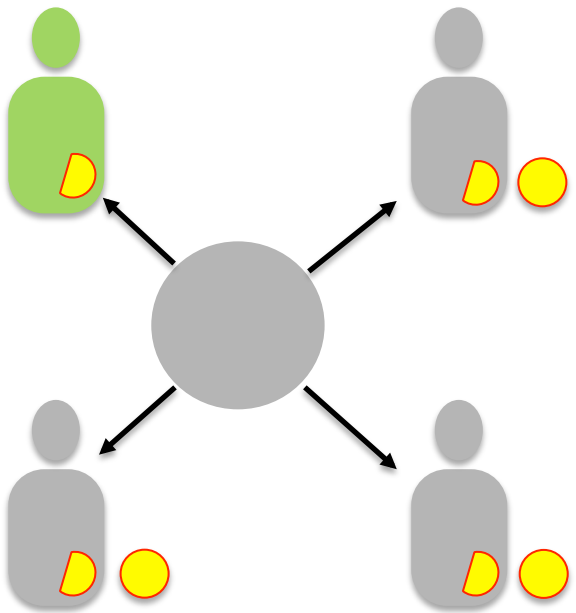
Cooperation in the lab – public goods game

BASELINE

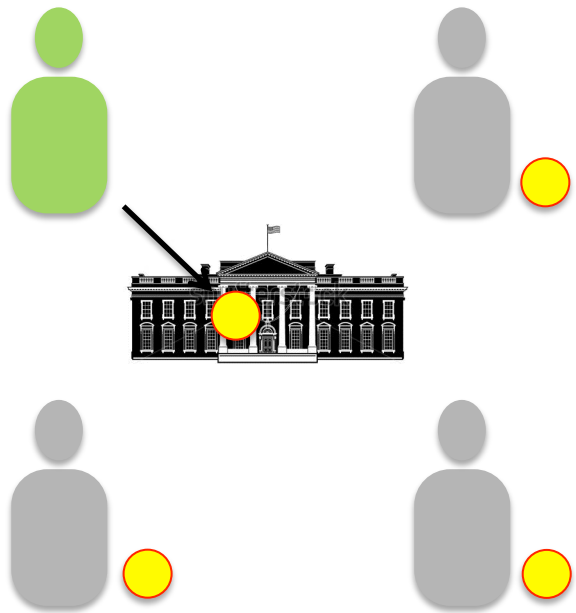


Cooperation in the lab – public goods game

BASELINE



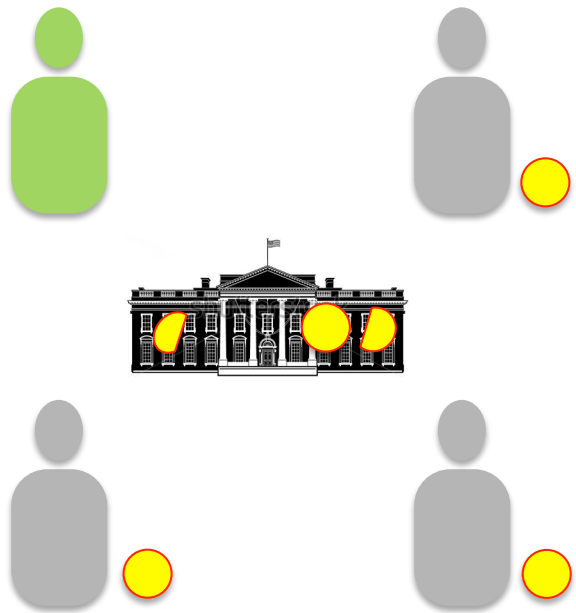
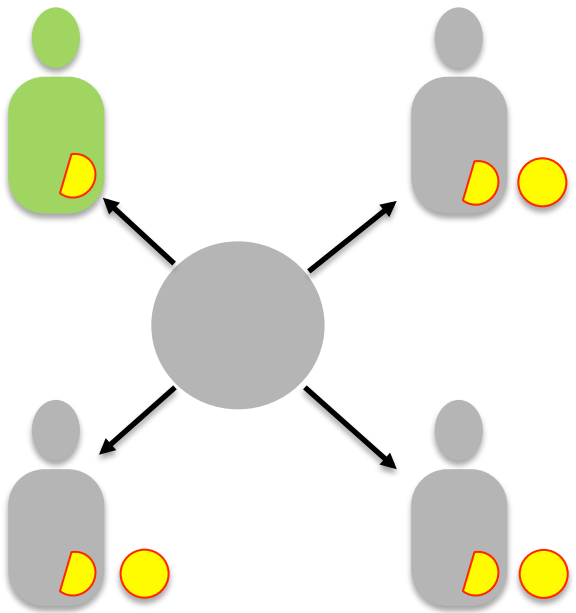
TAX - treatment



Cooperation in the lab – public goods game

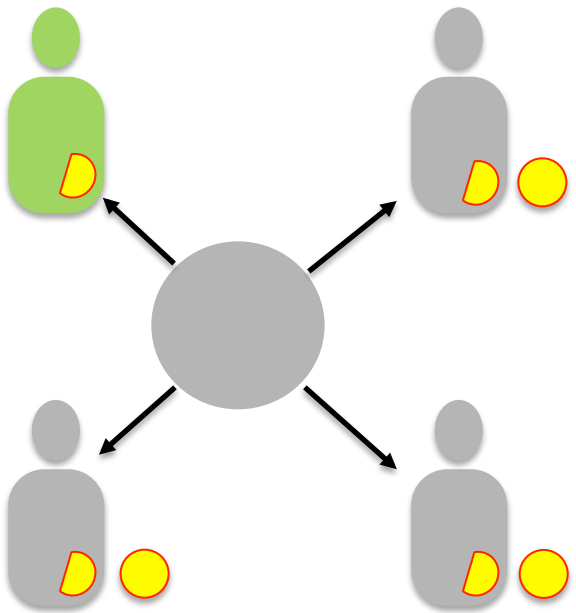
BASELINE

TAX - treatment

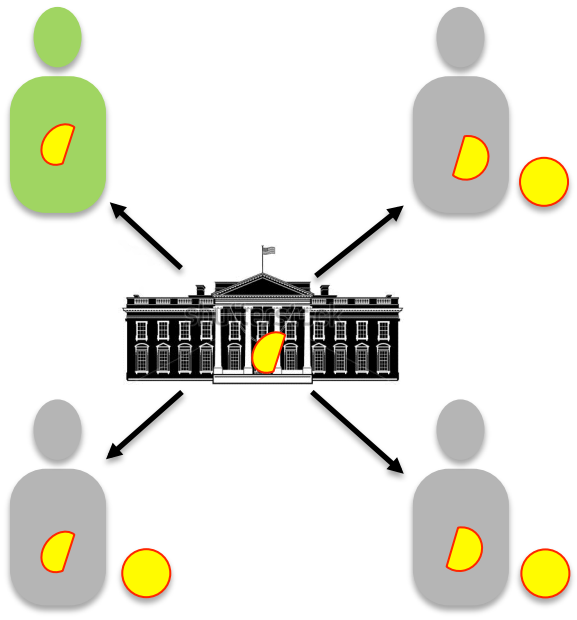


Cooperation in the lab – public goods game

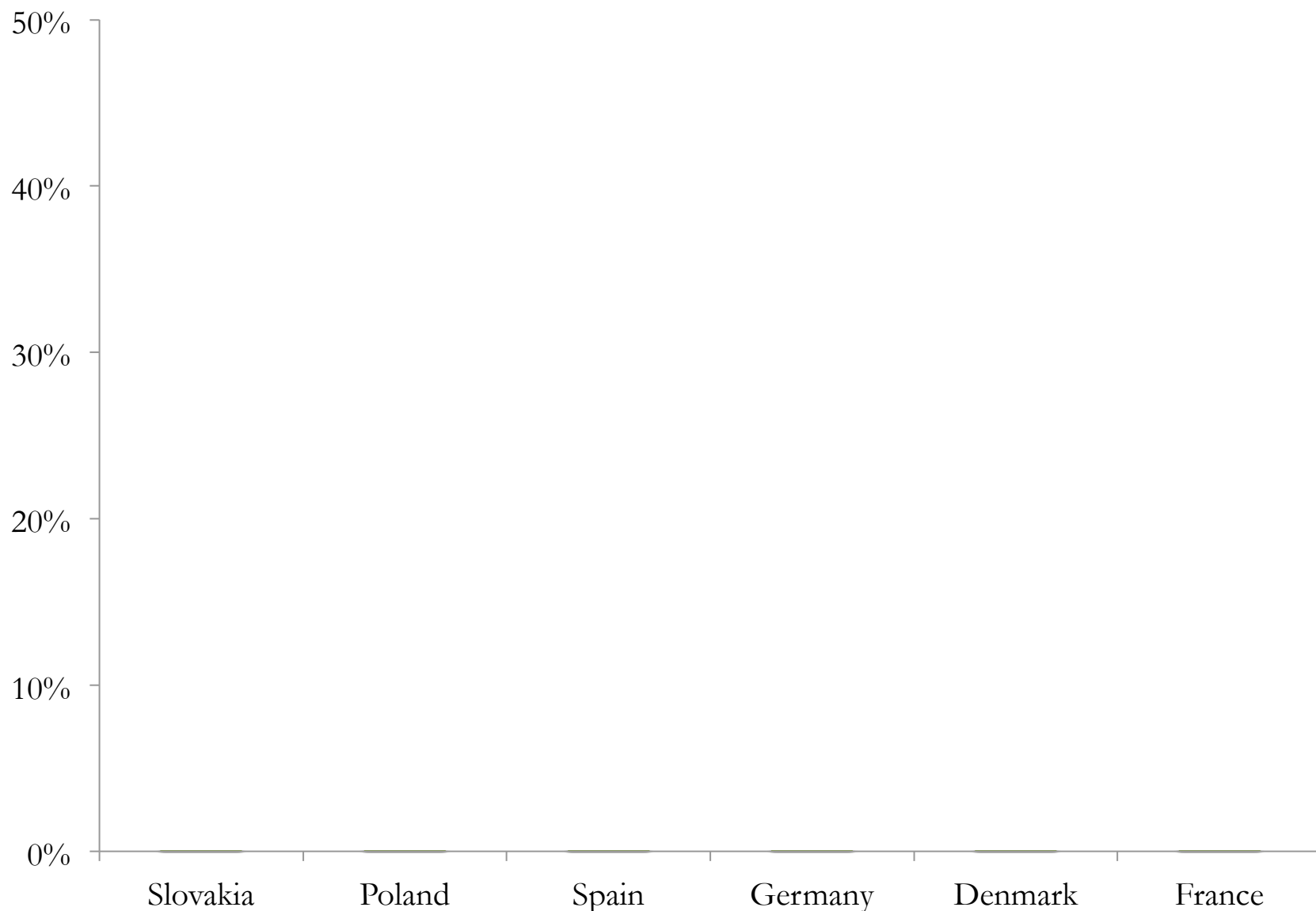
BASELINE



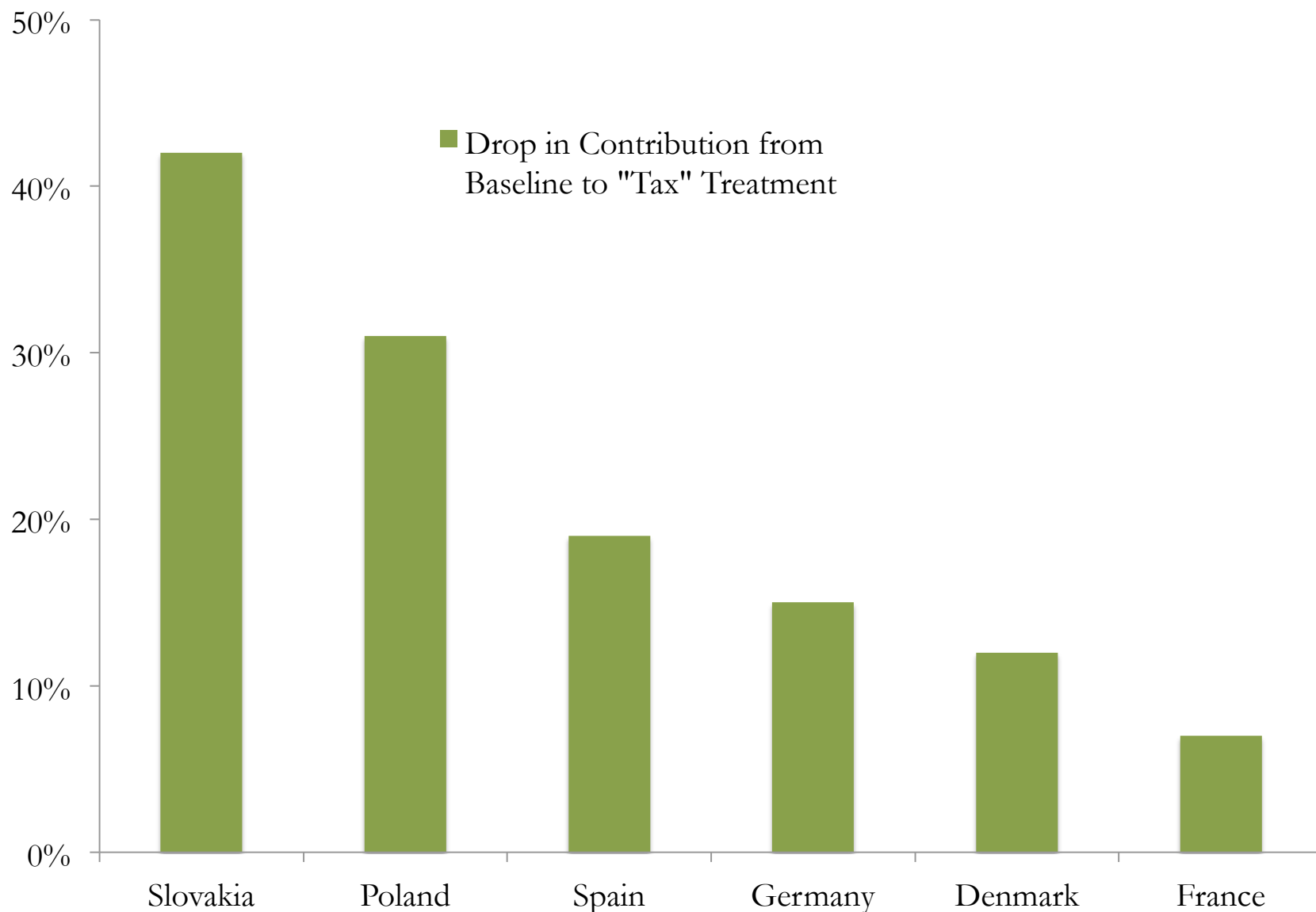
TAX - treatment



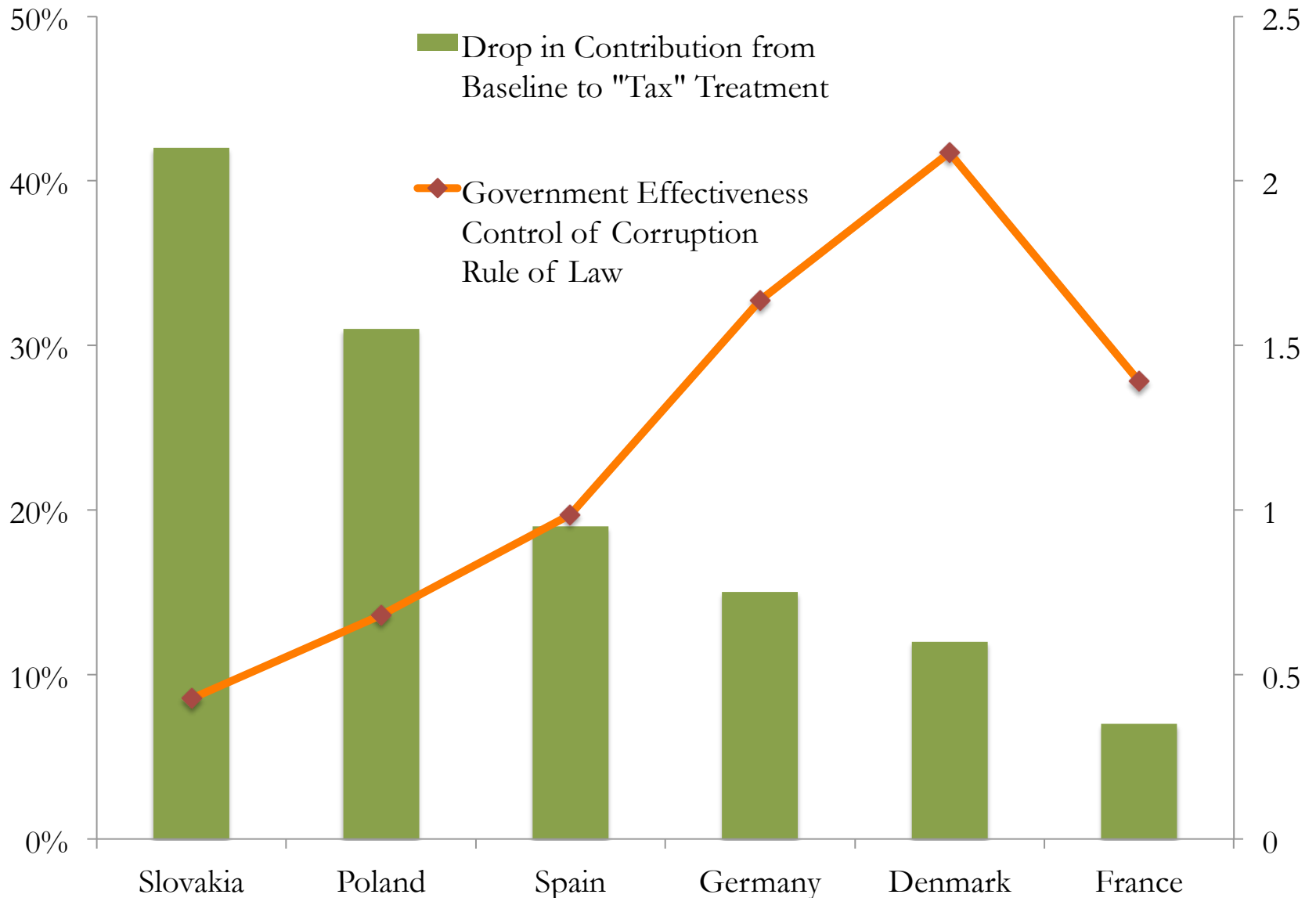
Cooperation in the lab – public goods game



Cooperation in the lab – public goods game



Cooperation in the lab – public goods game



Multilevel Analysis

- Empty model:
- $\text{Civic}_{ij} = \beta_{0j} + \varepsilon_{ij}$, with $\beta_{0j} = \gamma_{00} + \delta_{0j}$
- β_{0j} is the mean civic in a country
- γ_{00} is the grand mean (across all individual across all countries)
- δ_{0j} is the level-2 error term: shows how the mean civic in a particular country deviates from the grand mean
- ε_{ij} is the level-2 error term: shows how an individual's civic deviates from the mean evaluation in the country in which he/she resides

Multilevel Analysis

- Level 1: individual-level model:
- $\text{Civic}_{ij} = \beta_{0j} + \varepsilon_{ij}$, with $\beta_{0j} = \gamma_{00} + \delta_{0j}$
- $\text{Civic}_{ij} = \gamma_{00} + \delta_{0j} + \varepsilon_{ij}$
- $\text{Civic}_{ij} = \gamma_{00} + \underline{\gamma_{10} * \text{ind}} + \underline{\gamma_{20} * \text{SC}} + \delta_{0j} + \varepsilon_{ij}$

Multilevel Analysis

- Level 1 + 2: Multilevel model:

- $$\text{Civic}_{ij} = \gamma_{00} + \gamma_{10} * \text{ind} + \gamma_{20} * \text{SC} + \delta_{0j} + \varepsilon_{ij}$$

- $$\text{Civic}_{ij} = \gamma_{00} + \gamma_{10} * \text{ind} + \gamma_{20} * \text{SC} + \underline{\gamma_{01} * \text{QOG}} + \delta_{0j} + \varepsilon_{ij}$$

Multilevel Analysis

- Level 1 + 2: Multilevel model (RANDOM EFFECTS):
- $\text{Civic}_{ij} = \gamma_{00} + \gamma_{10} * \text{ind} + \gamma_{20} * \text{SC} + \gamma_{01} * \text{QOG} + \delta_{0j} + \varepsilon_{ij}$
- $\text{Civic}_{ij} = \beta_{0j} + \beta_{10} * \text{ind} + \beta_{20} * \text{SC} + \beta_{01} * \text{QOG} + \varepsilon_{ij}$
- $\beta_{0j} = \gamma_{00} + \gamma_{01} * \text{QOG} + \delta_{0j}$
- $\beta_{20} = \gamma_{30} + \delta_{0j}$

Multilevel Analysis

- Level 1 + 2: Multilevel model (Cross-level interaction):
- $$\text{Civic}_{ij} = \gamma_{00} + \gamma_{10} * \text{ind} + \gamma_{20} * \text{SC} + \gamma_{01} * \text{QOG} + \underline{\gamma_{30} * \text{SC} \times \text{QOG}} + \delta_{ij} + \delta_{ij} * \text{SC} + \epsilon_{ij}$$

This report was presented at the 6th LCSR International Workshop
“Trust, Social Capital and Values in a Comparative Perspective”,
which held within the XVII April International Academic Conference on Economic and Social Development.

April 18 – April 22, 2016 - Higher School of Economics, Moscow.

<https://lcsr.hse.ru/en/seminar2016>

Настоящий доклад был представлен на VI международном рабочем семинаре ЛССИ
«Доверие, социальный капитал и ценности в сравнительной перспективе»,
прошедшего в рамках XVII Апрельской международной научной конференции НИУ ВШЭ «Модернизация экономики и общества».

18 – 22 апреля, 2016 – НИУ ВШЭ, Москва.

<https://lcsr.hse.ru/seminar2016>