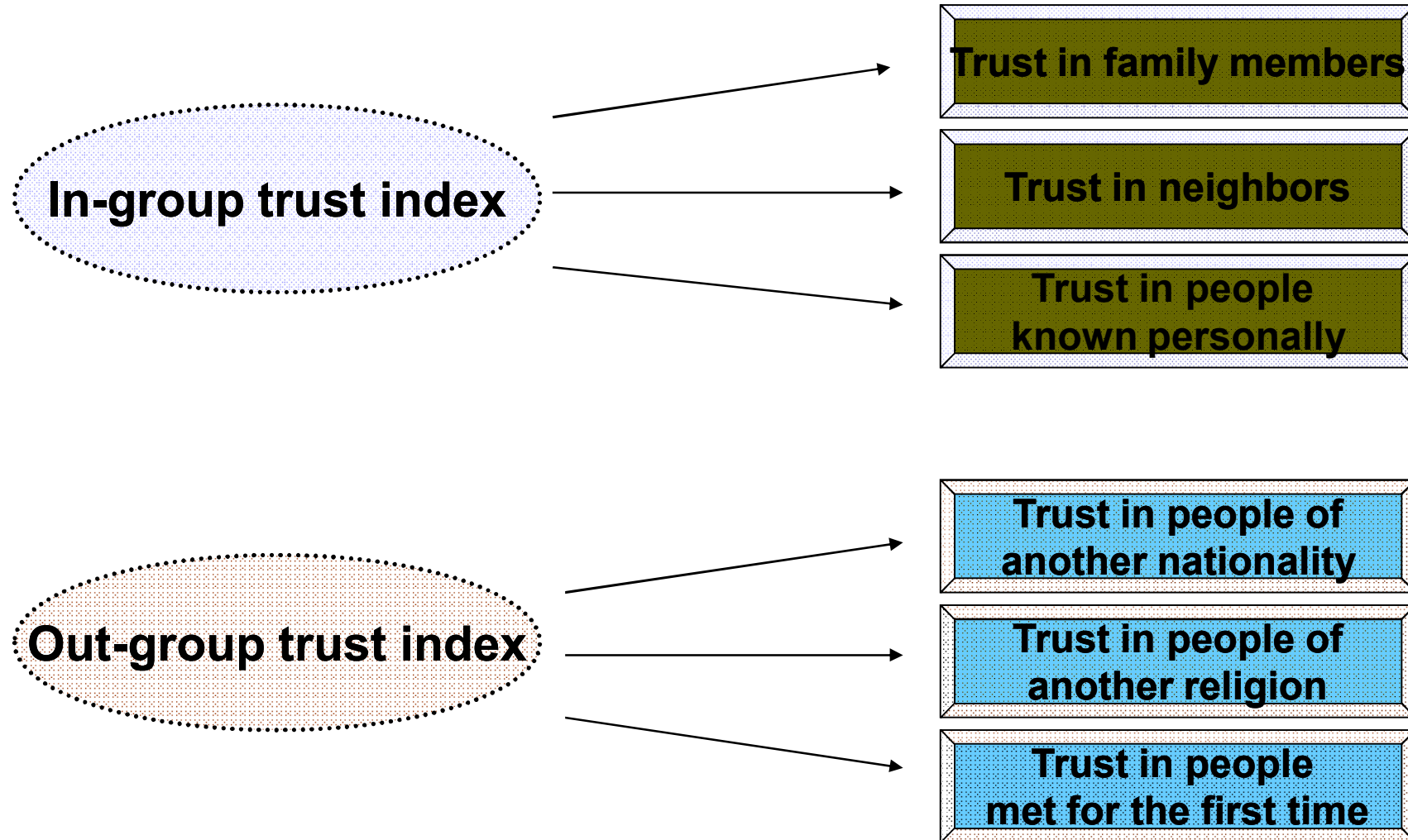# OUT-GROUP TRUST AND ITS DETERMINANTS:
THE CASE OF IN-GROUP TRUST

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- **Project purpose:**
  - to investigate the relationship between in-group and out-group trust

- **Hypothesis:**
  - The high level of in-group trust reduces the level of out-group trust
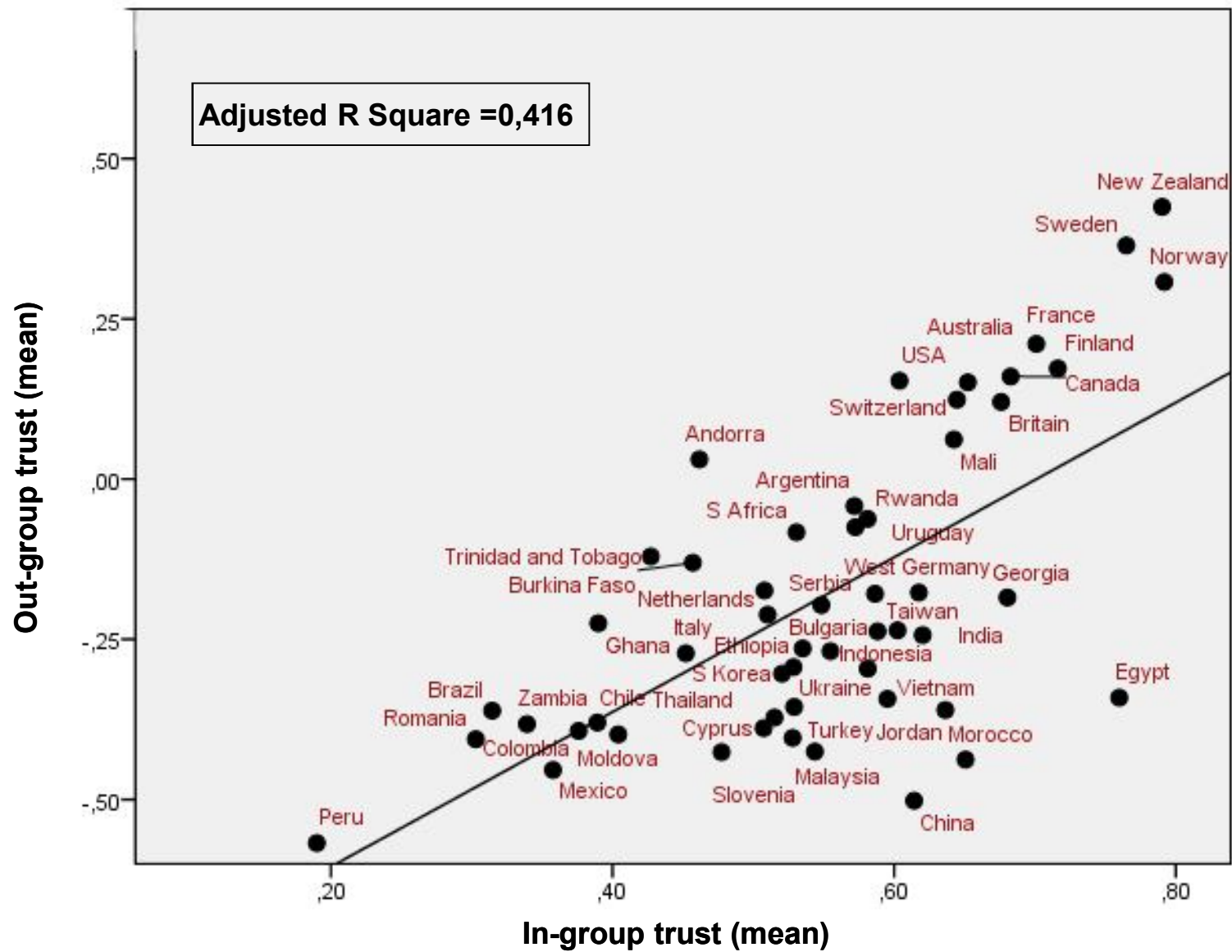
Index construction

In-group trust index

Trust in family members

Trust in neighbors

Trust in people known personally

Out-group trust index

Trust in people of another nationality

Trust in people of another religion

Trust in people met for the first time

Country-level predictors

✓ **Prosperity** → *GDP per capita in PPP*

✓ **Economic inequality** → *Gini Index*

✓ **The quality of institutions** → *World Governance Indicators from World bank*

✓ **Gender equality** → *Gender Empowerment Index from HDR*

✓ **Educational level** → *Educational Index from HDR*

✓ **Urbanization** → *Weight of urban population*

✓ **Islam, Confucianism, communist past** → *Index of cultural tradition*

✓ **Survival/Self-expression**

✓ **Traditional/Secular-rational values** → *Factor scores from the Inglehart-Welzel Cultural Map of the World.*
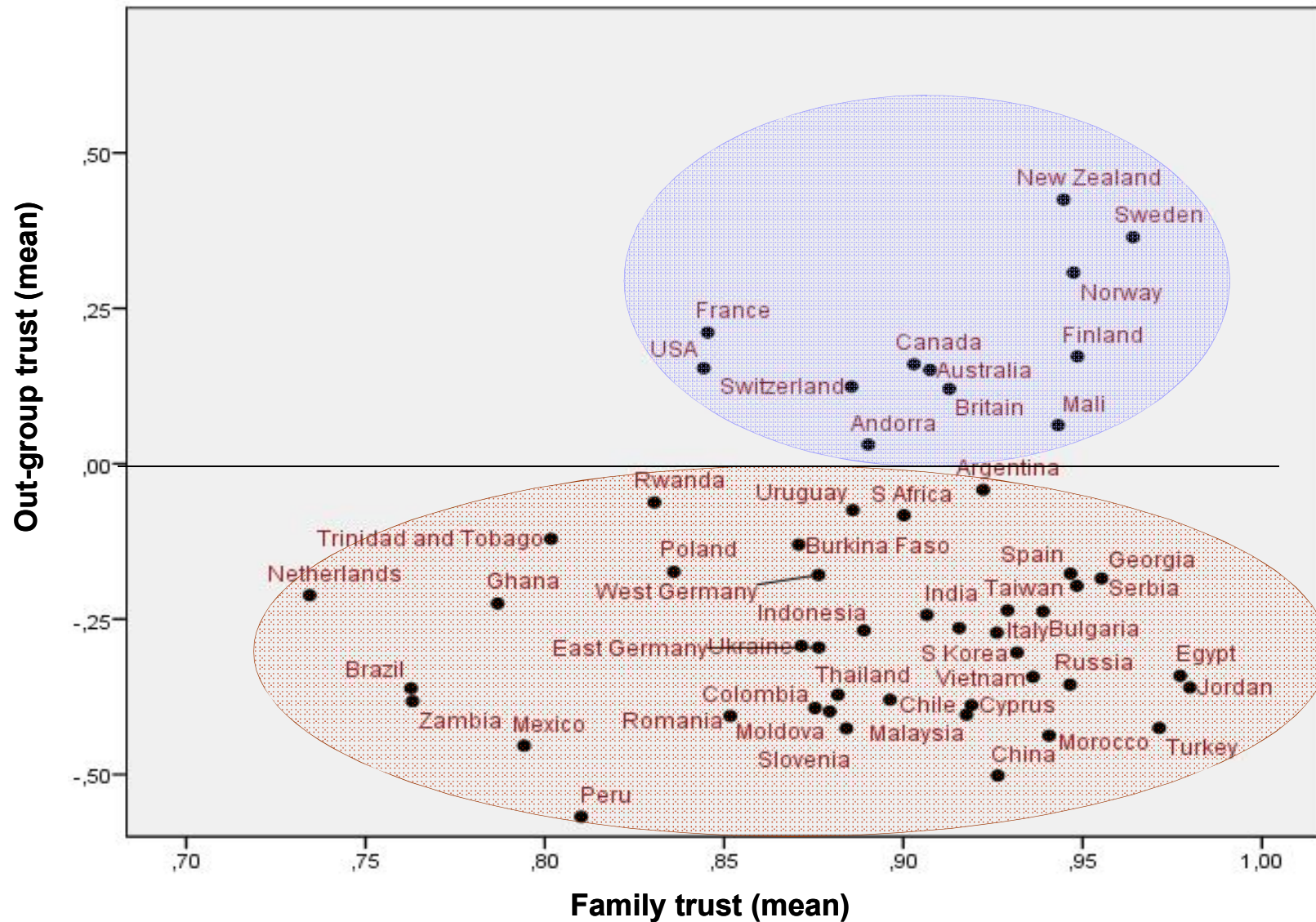
In-group and out-group trust

Linear Regression coefficients for different models

Model	Adjusted R Square	Predictors	Standardized Coefficients	Sig.
Model 1	0,736	Constant		,000
		In-group Trust	**,568**	**,000**
		Index of Tradition	-,340	,001
		GDP PPP	,288	,009
		Gini	-,039	,698
Model 2	0,709	Constant		,000
		In-group Trust	**,530**	**,000**
		Index of Tradition	-,293	,003
		Governance Indicators	,336	,002
		Gini	-,045	,638
Model 3	0,684	Constant		,002
		In-group Trust	**,654**	**,000**
		Index of Tradition	-,436	,000
		Education Index	,094	,291
		Gini	-,104	,306
Model 4	0,614	Constant		,000
		In-group Trust	**,624**	**,000**
		Index of Tradition	-,453	,000
		Traditional/Secular-rational	,129	,179

Correlations between in-group and out-group trust indicators

	1	2	3	4	5	6
1. Family		,408**	,299**	n.s	n.s	n.s
2. Neighbors	,408**		,409**	,226*	,190*	,519**
3. Known people	,299**	,409**		,437**	,537**	,555**
4. Another religion	n.s	,226*	,437**		,698**	,611**
5. Another nationality	n.s	,190*	,537**	,698**		,538**
6. Unknown people	n.s	,519**	,555**	,611**	,538**	

Family trust and out-group trust

Linear Regression coefficients for alternative models

Model	Adjusted R Square	Predictors	Standardized Coefficients	Sig.
Model 1	0,736	Constant		,000
		In-group Trust	**,568**	**,000**
		Index of Tradition	-,340	,001
		GDP PPP	,288	,009
		Gini	-,039	,698
Model 1a	0,738	Constant		,000
		In-group - family	**,577**	**,000**
		Index of Tradition	-,308	,002
		GDP PPP	,282	,011
		Gini	-,030	,762
Model 1b	0,657	Constant		,000
		Trust neighbors	**,424**	**,000**
		Index of Tradition	-,308	,013
		GDP PPP	,474	,000
		Gini	-,054	,639
Model 1c	0,712	Constant		,000
		Trust known people		
		Index of Tradition	-,332	,000
		Gini	-,058	,540

Possible explanations

- We don not measure in-group trust:
    - □ "In-group" and "familiar" are not synonyms
    - □ Close circle includes relatives and friends
    - □ Trust questions don't reflect the strength of in-group ties

- Trust can be seen as a process: trusting in close circle – trusting in familiar people – trusting in unknown people.

- The level of out-group trust is reduced by other factors.