

Linking National Surveys, Administrative Records and Mass Media Content: Methodological Issues of Constructing the Harmonized Data-File

Ilona Wysmułek, Olena Oleksiyenko, Przemek Powałko, Marcin
W. Zieliński, Marta Kołczyńska,
Kazimierz M. Słomczyński, Irina Tomescu-Dubrow

The 3rd ISA FORUM in Vienna, July 10-14, 2016

Research supported by the Polish National Science Centre (2012/06/M/HS6/00322) as part of the study *Democratic Values and Protest Behavior: Data Harmonization, Measurement Comparability, and Multi-Level Modeling*.

Democratic Values and Protest Behavior: Data Harmonization, Measurement Comparability, and Multi-Level Modeling in Cross-National Perspective

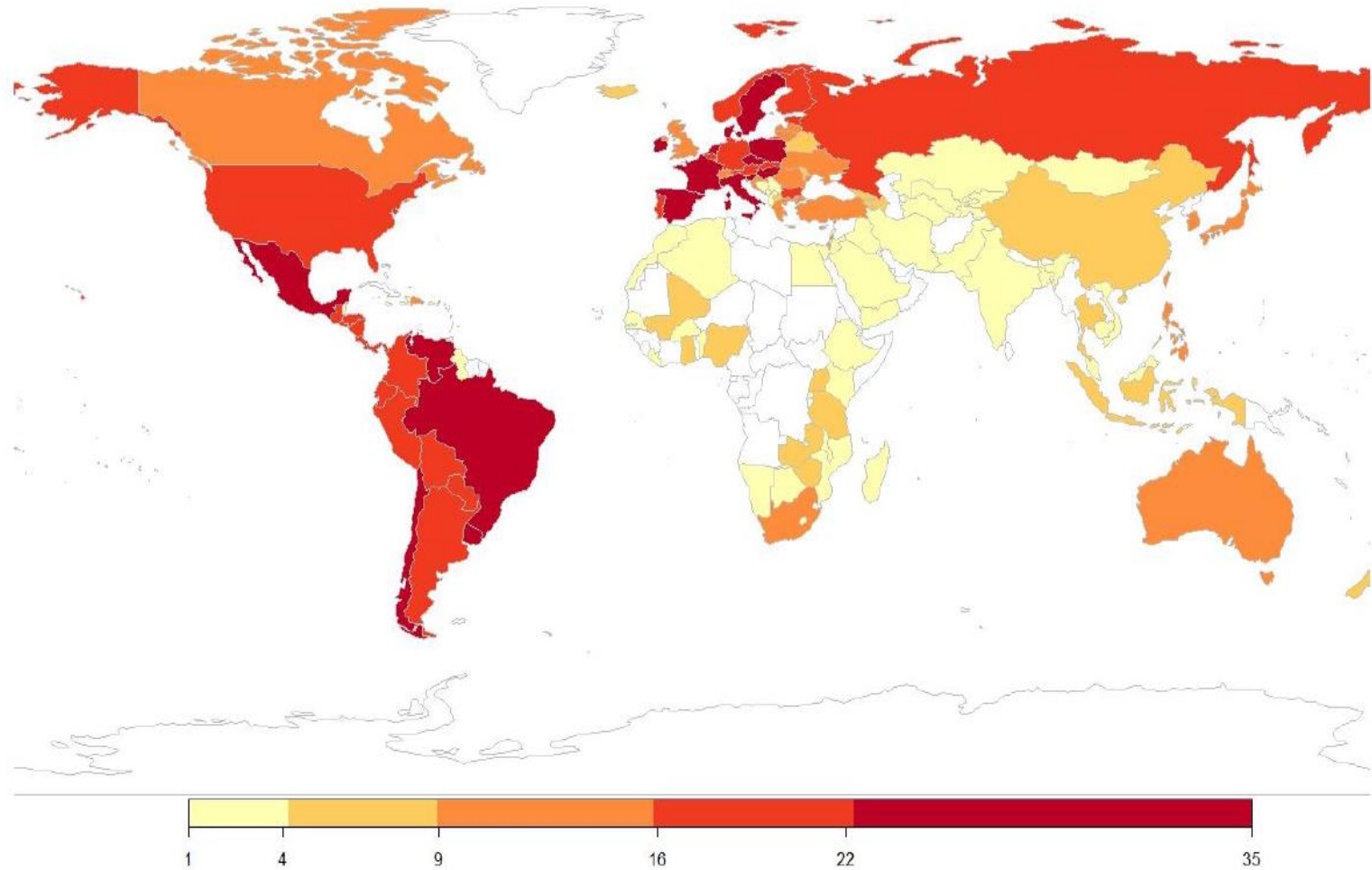
Substantive focus: democracy and protest behavior worldwide

Core of the project: Harmonized survey data from 22 international survey projects

Main methodological challenge: linking data measured at different levels (individual, country, country-year) and of different types (survey, administrative, event data)

Survey Project	Time span	Waves	Files	Samples	Cases
Afrobarometer	1999-2009	4	4	66	98942
Americas Barometer	2004-2012	5	1	92	151341
Arab Barometer	2006-2011	2	2	16	19684
Asian Barometer	2001-2011	3	3	30	43691
Asia Europe Survey	2000	1	1	18	18253
Caucasus Barometer	2009-2012	4	4	12	24621
Consolidation of Democracy in Central and Eastern Europe	1990-2001	2	1	27	28926
Comparative National Elections Project	2004-2006	1	8	8	13372
Eurobarometer	1983-2012	7	7	152	138753
European Quality of Life Survey	2003-2012	3	1	93	105527
European Social Survey	2002-2013	6	2	146	281496
European Values Study/World Values Survey	1981-2009	9	1	312	423084
International Social Justice Project	1991-1996	2	1	21	25805
International Social Survey Programme	1985-2013	13	13	363	493243
Latinobarometro	1995-2010	15	15	260	294965
Life in Transition Survey	2006-2010	2	2	64	67866
New Baltic Barometer	1993-2004	6	1	18	21601
Political Action II	1979-1981	1	1	3	4057
Political Action – 8 Nation Study	1973-1976	1	1	8	12588
Political Participation and Equality in 7 Nations	1966-1971	1	7	7	16522
Values and Political Change in Postcommunist Europe	1993	1	5	5	4723
TOTAL	1966-2013	89	81	1721	2289060

Geographical Coverage of the Harmonized Survey Data



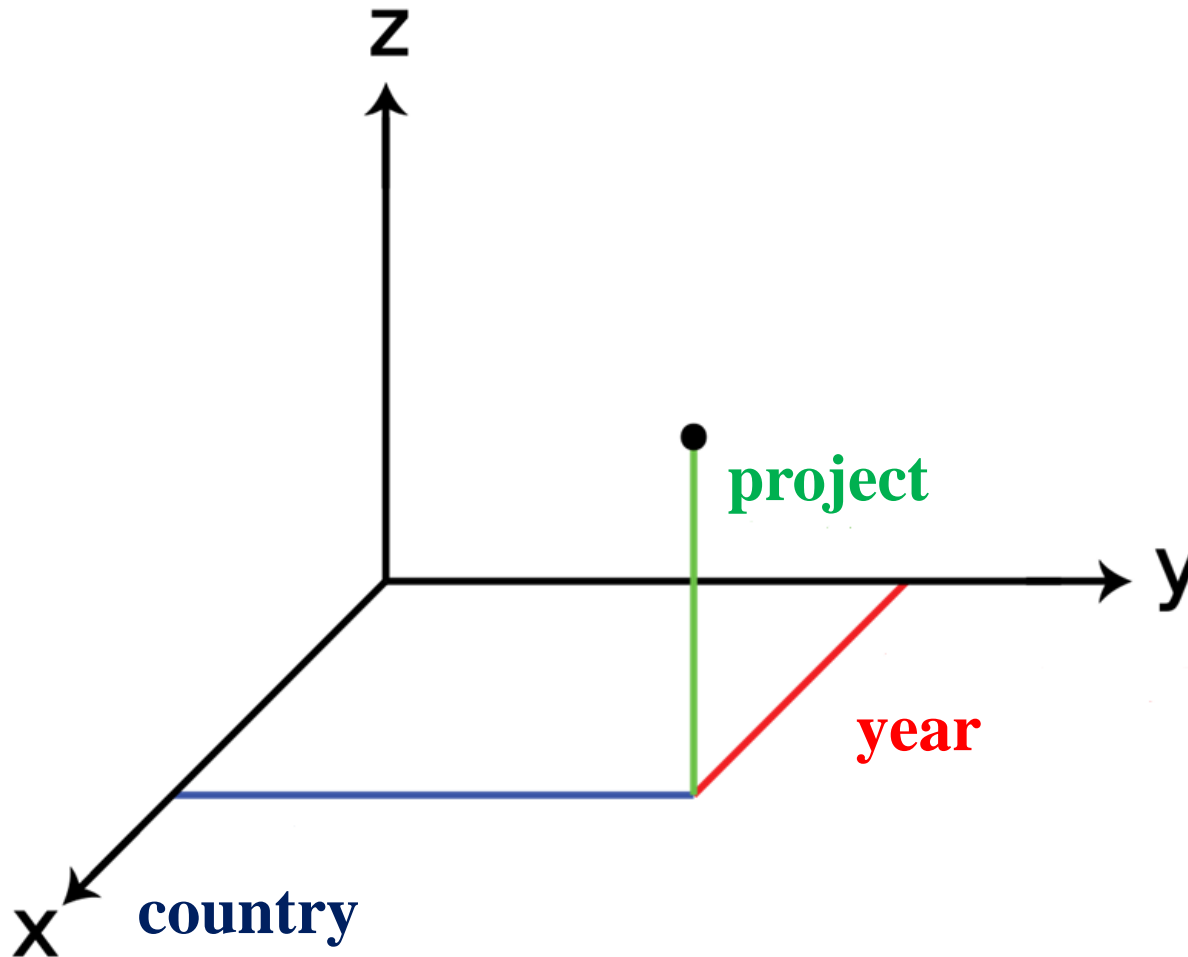
Survey Data Harmonization and Measurement Comparability

Mapping source variables to target variables

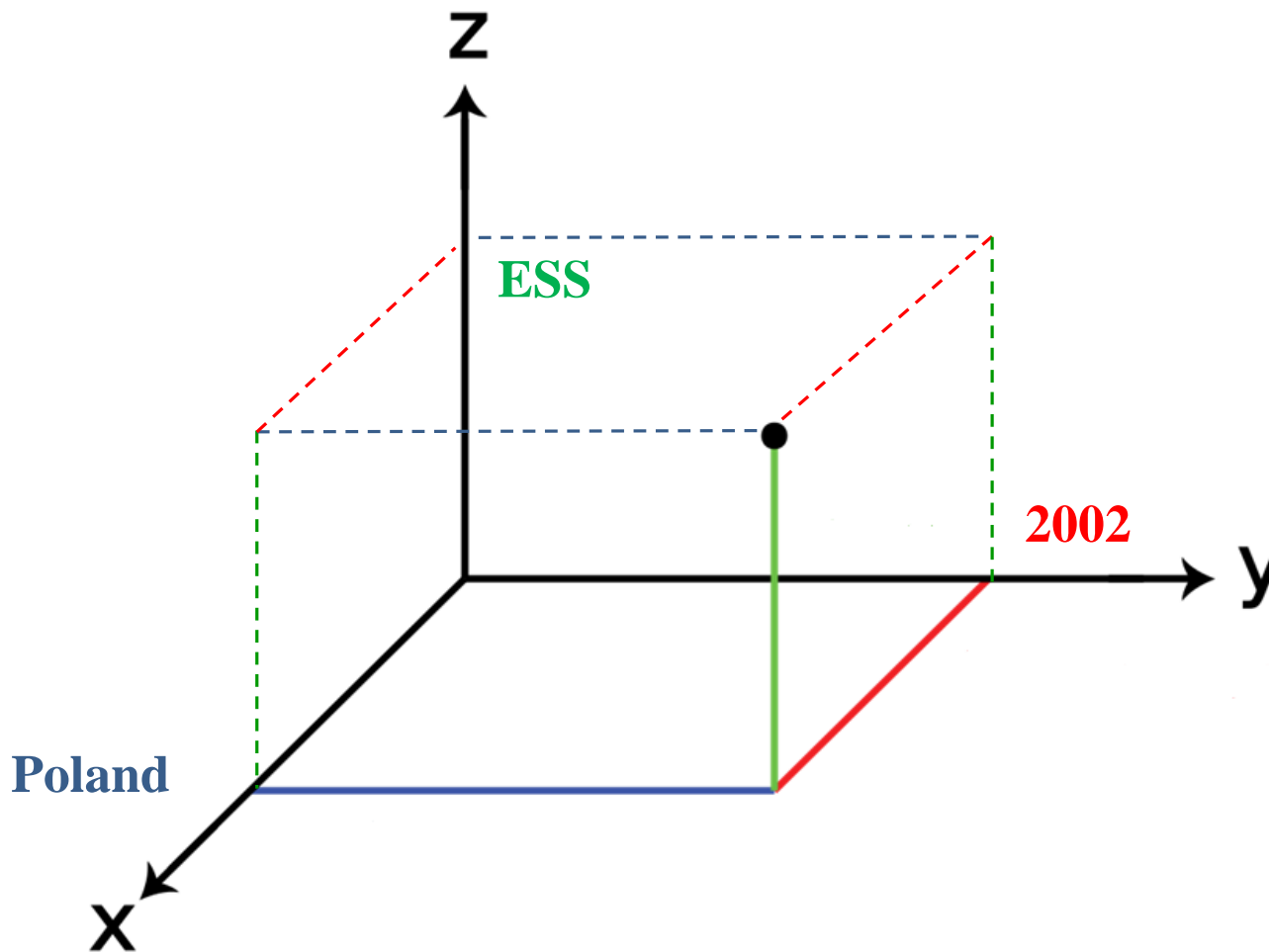
Master File of harmonized survey data:

- a) Protest behavior (participation in demonstrations, signing petitions)
- b) Political attitudes (trust in state institutions)
- c) Socio-demographic variables (gender, age, birth year, urban/rural, education)
- d) Other (interest in politics)

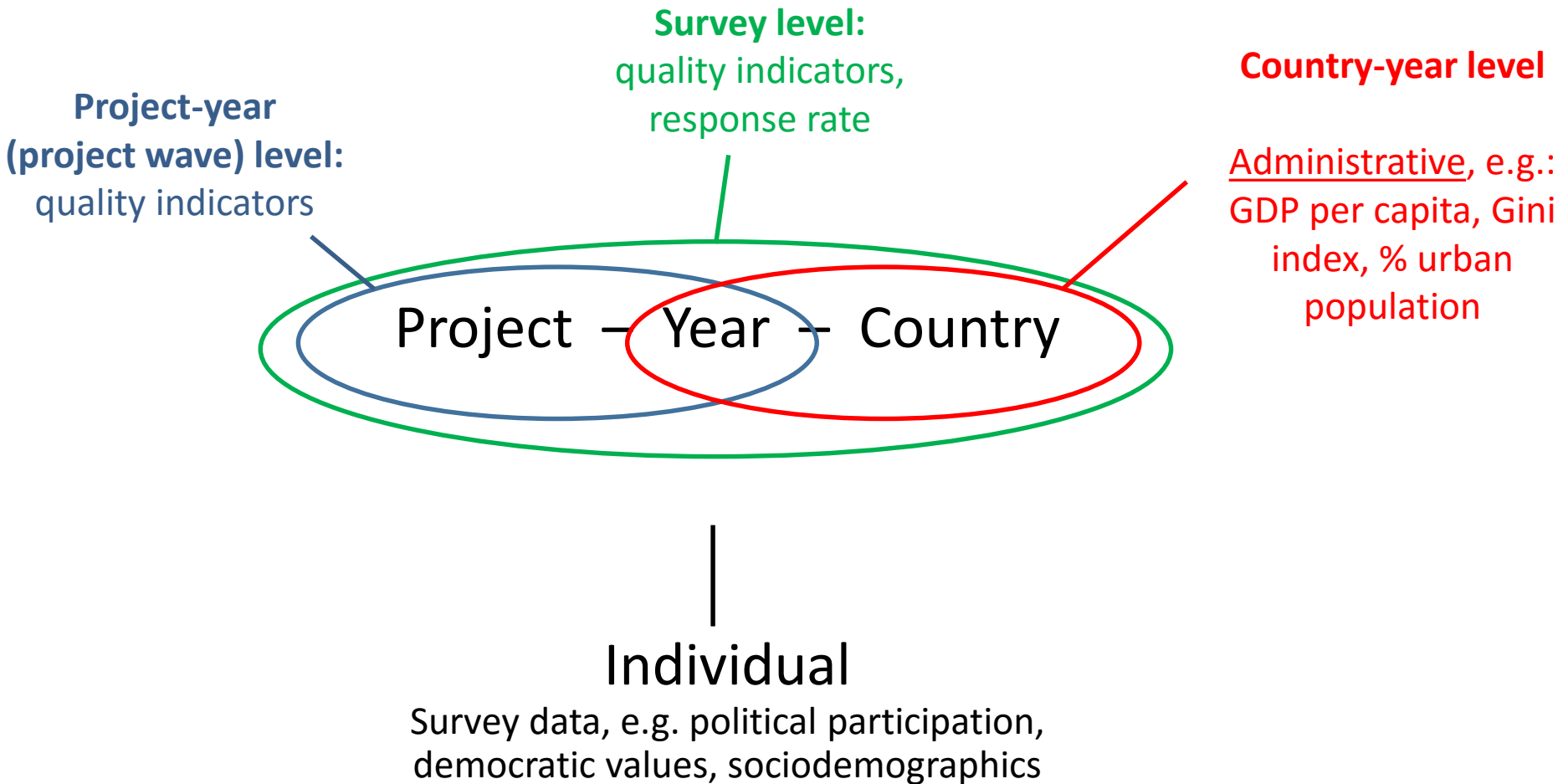
Structure of the Harmonized Survey Data



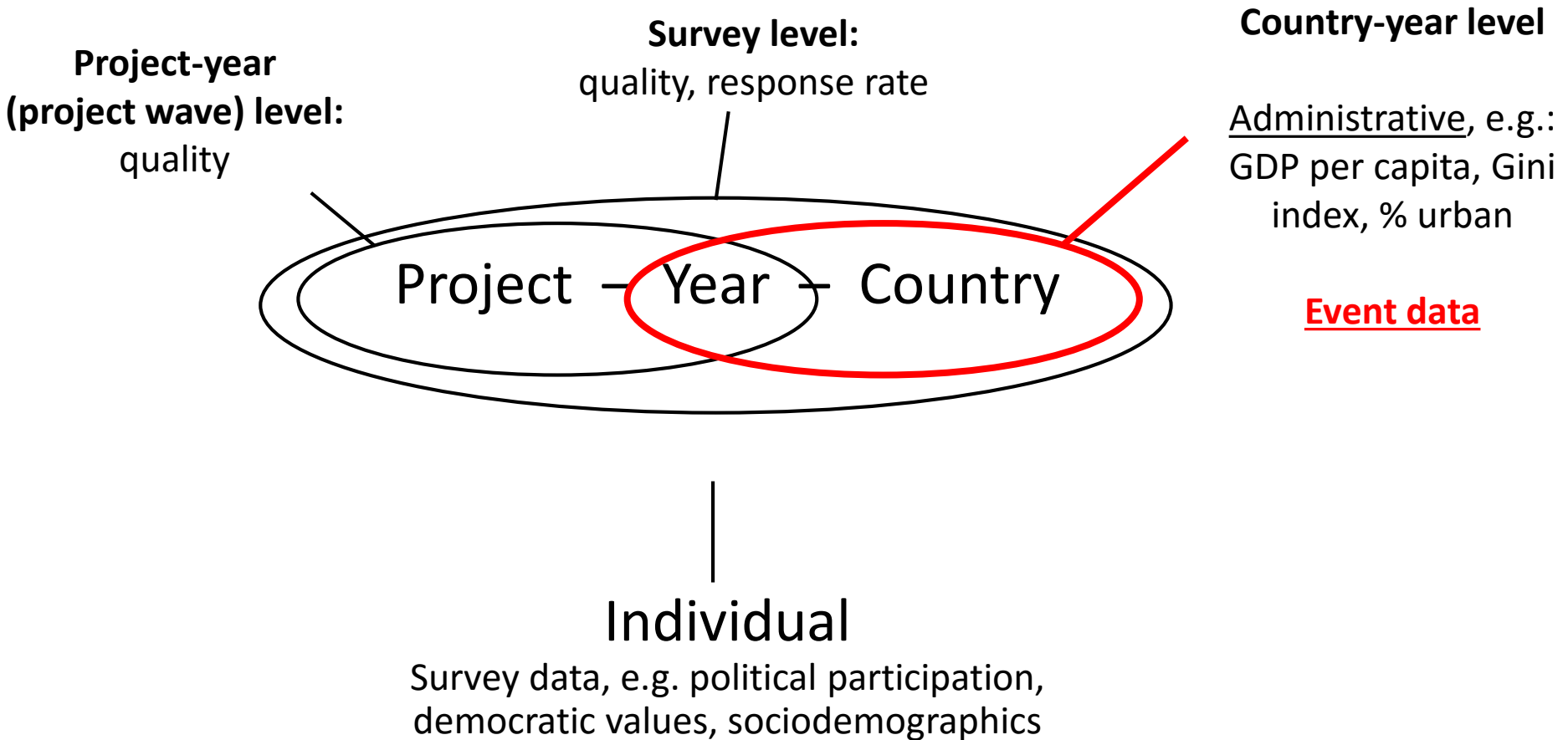
**Example: Poland, 2002,
European Social Survey (ESS)**



Structure of the Integrated Data Set: Types of Data and Levels of Measurement



Structure of the Integrated Data Set: Types of Data and Levels of Measurement



Example of analysis 1: Events as DV

t-1

Participation in demonstrations

(survey data aggregated to
country-year)



t

Violent events (event
data aggregated to
country-year)

Controls

Survey data:

- Trust in institutions (aggregated
to country-year)

Administrative data:

- Democracy score (country-year)
- GDP per capita (country-year)

Example of analysis 2: Events as IV

t-1

Cooperative events

(Event data aggregated to country-year)



t

Participation in demonstrations

(survey data at individual level)

Controls

Survey data:

- Trust in institutions, age, gender, locality (at individual level)

Administrative data:

- Democracy score (country-year)
- GDP per capita (country-year)

Democratic Values and Protest Behavior: Data Harmonization, Measurement Comparability, and Multi-Level Modeling in Cross-National Perspective

Institute of Philosophy and Sociology of the Polish Academy of Sciences (IFiS PAN) and the Mershon Center for International Security Studies at The Ohio State University (MC OSU), funding from the National Science Centre (grant number 2012/06/M/HS6/00322)

<https://dataharmonization.org>

<https://dataharmonization.org/newsletter>