

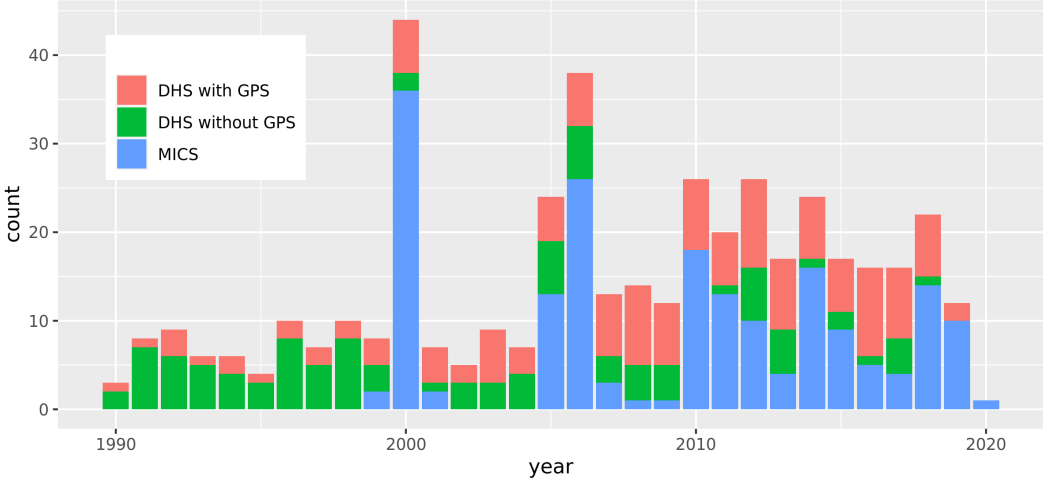
Modeling Urban-Rural Poverty

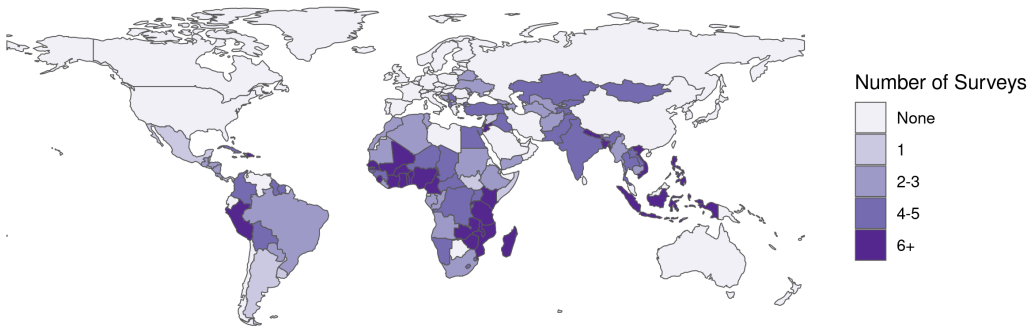
Matthew Cooper

World Data Lab

January 2021

Number of Available Surveys





Run principle component analysis on the following items:

1. Sanitation

1.1 toilet type

1.2 drinking water source

2. Housing

2.1 wall materials

2.2 floor materials

2.3 roof materials

2.4 number of sleeping rooms

3. Possessions

3.1 has electricity

3.2 has radio

3.3 has television

3.4 has refrigerator

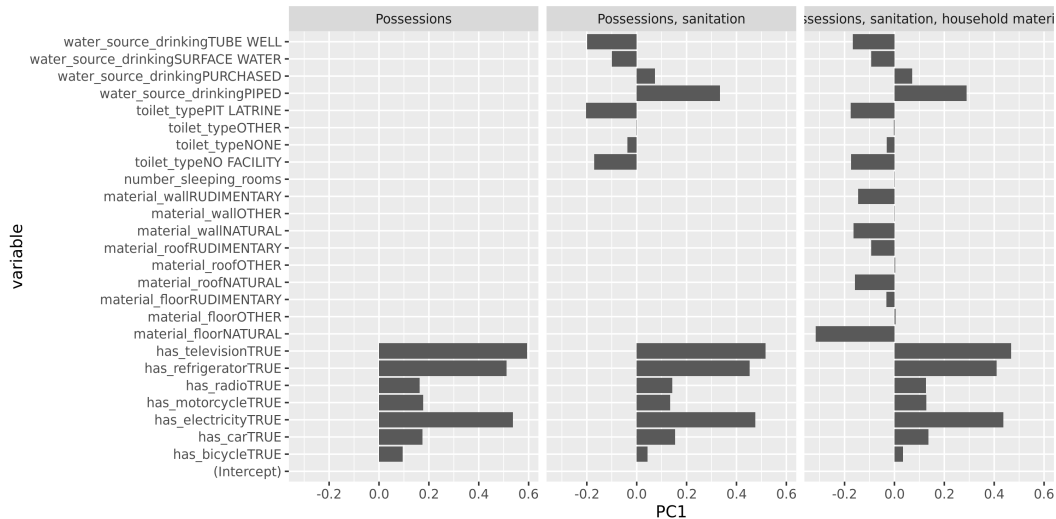
3.5 has bicycle

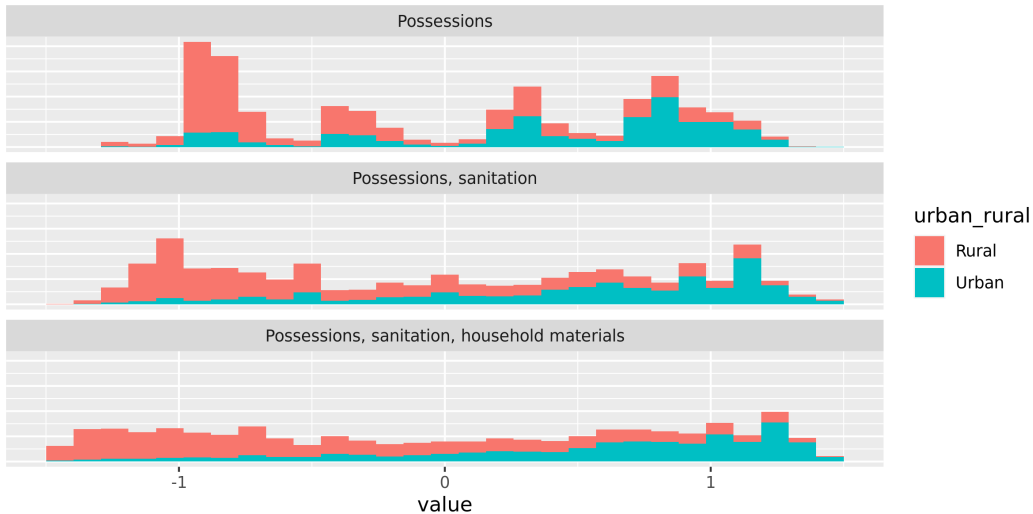
3.6 has motorcycle

3.7 has car

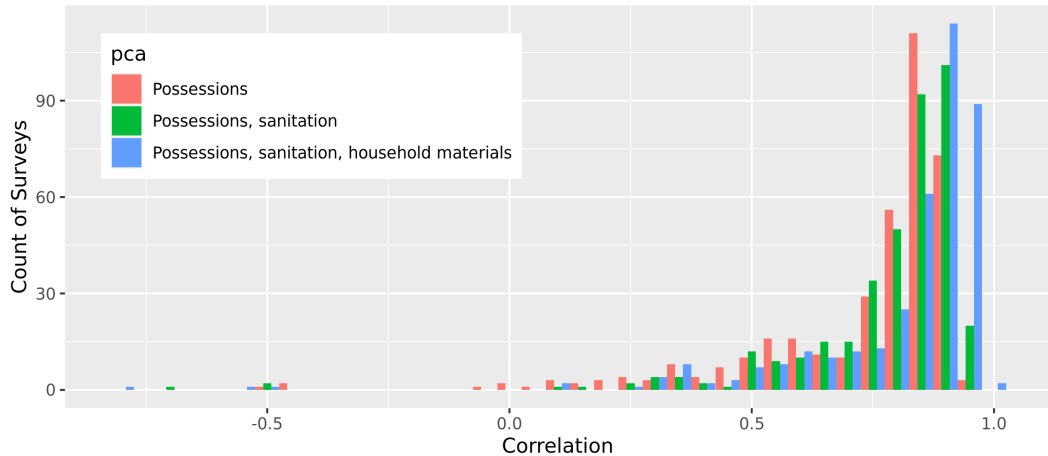
3.8 toilet type

3.9 drinking water source



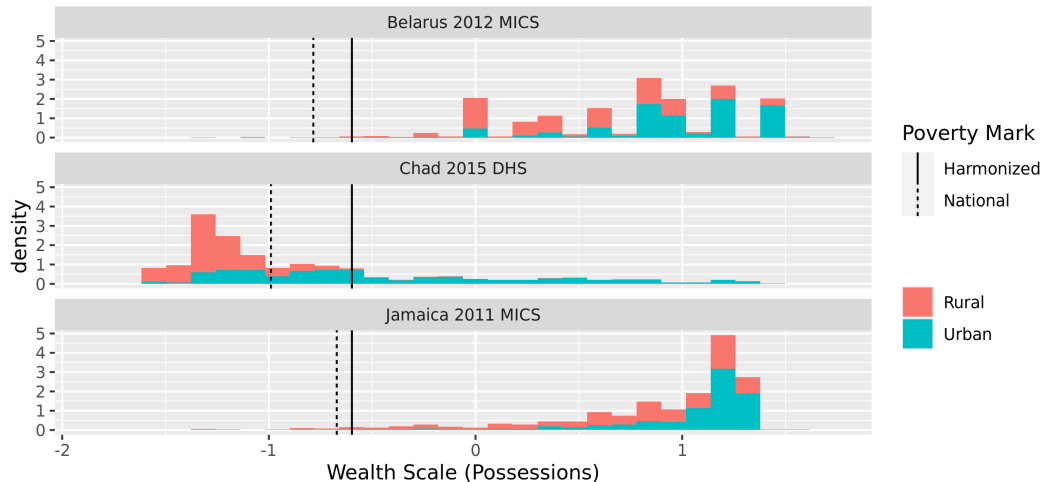


Correlation between survey-specific wealth index and harmonized wealth index

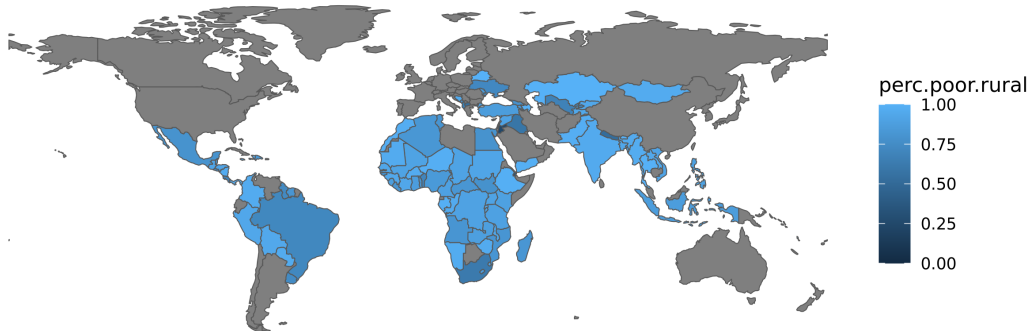


Worst Surveys: Ukraine 2005 MICS, Albania 2000 MICS, Cuba 2019 MICS, Tunisia 2018 MICS, Turkey 2008 DHS

Distribution of Wealth in Belarus, Chad and Jamaica, with Poverty Thresholds



Percent of Poor in Rural Areas (latest survey, national defs)



Percent of Poor in Rural Areas (latest survey, harmonized defs)

