[dcpo_gender_roles]: A Dataset of Dynamic Comparative Public Opinion Toward Egalitarian Gender Roles*

The Source Data on Gender Egalitarian Attitudes

The first step towards remedying this problem is collecting the available public opinion data on gender egalitarian attitudes. We draw on data from 54 survey datasets, in which we identified 127 distinct relevant survey items. Together, these survey items were asked in 138 different countries over 39 years, from 1981 to 2020, yielding a total of 5,748 country-year-item observations. Considering that observations for every year in each country surveyed would number 5,382 and so a complete set of country-year-items would encompass 683,514 observations, the available data is clearly very, very sparse.

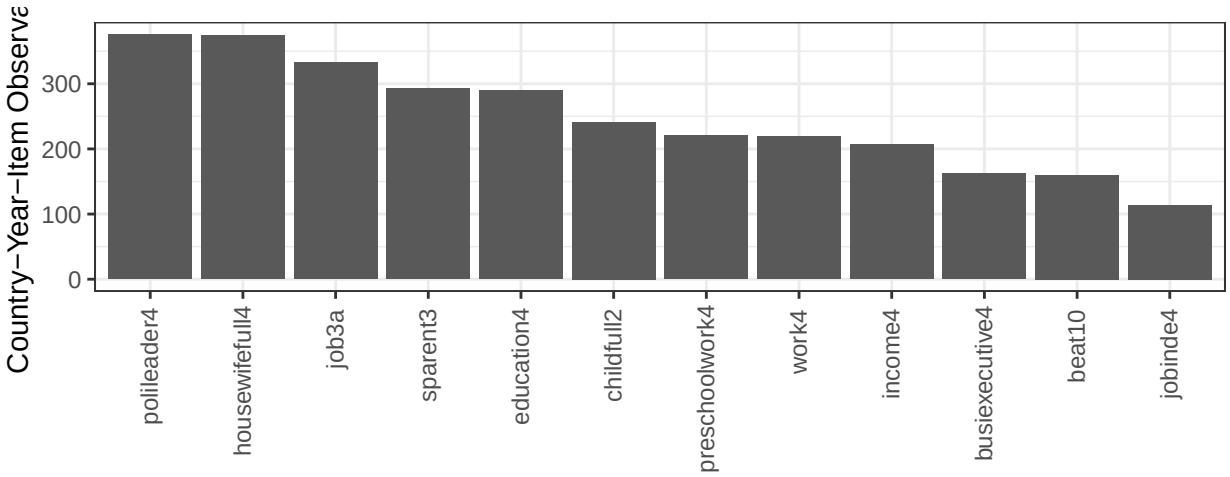

Figure 1: Items with the Most Observations in the Source Data

Figure 1 displays in how many country-years each of most-commonly asked items are available. The `polileader4` item, which asks respondents whether they strongly agree, agree, disagree, or strongly disagree with the statement "On the whole, men make better political leaders than women do," was the most frequently asked question in the data we collected. Employed by the Americas Barometer, the Arab Barometer, the Latinobarómetro, the Pew Research Center, and the World

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Values Survey, this question was asked in a total of 376 different country-years. That this constitutes only 7% of the 5,382 total possible country-years covered—and remember, `polileader4` is the *most common* survey item—again underscores just how sparse the available public opinion data is on this topic.

Which countries are most data-rich? Figure 2 below shows the dozen countries with the highest count of country-year-item observations.

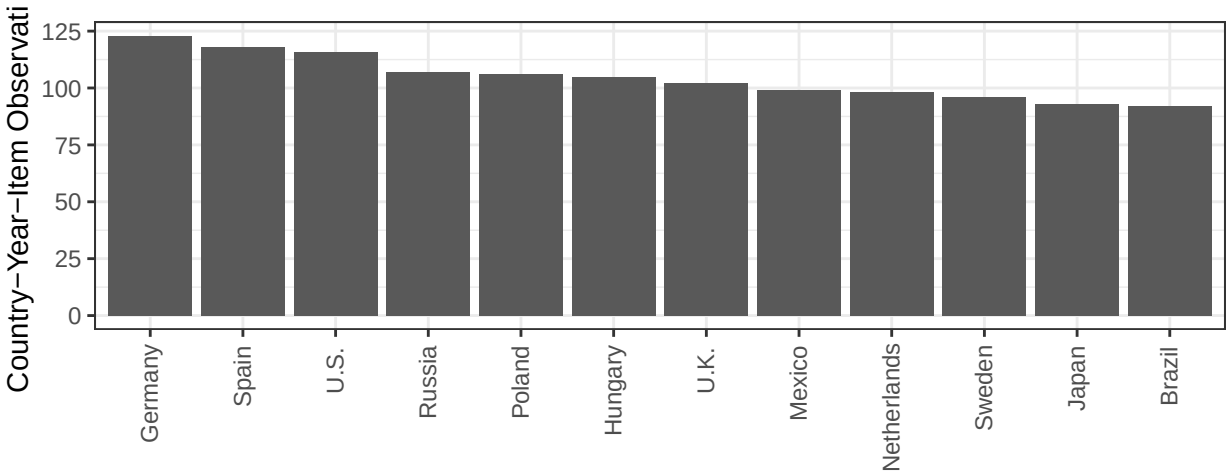

Figure 2: Countries with the Most Observations in the Source Data

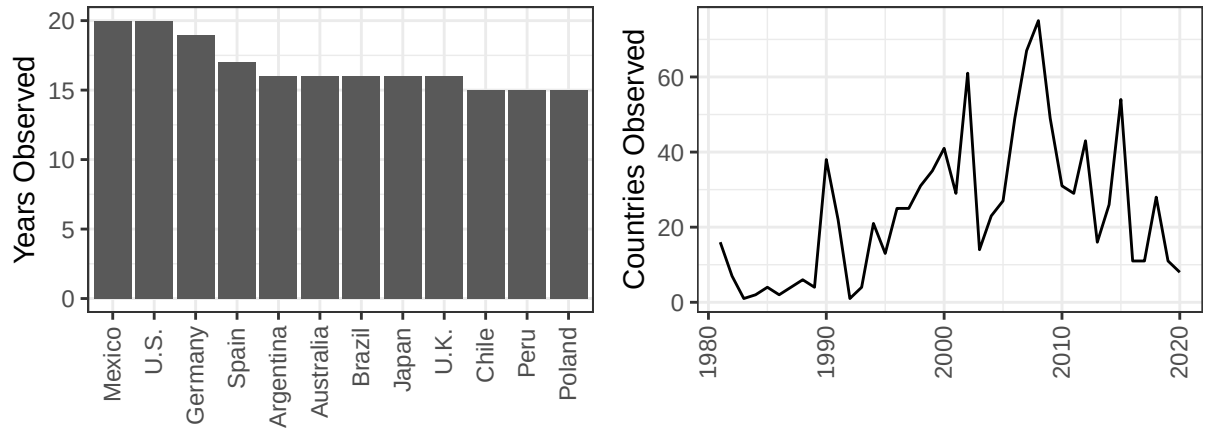

Figure 3: Country-Year Coverage in the Source Data

Estimating Gender Egalitarianism

The DCPO model is estimated using the `DCPO` package for R (Solt 2020), which is written in the Stan probabilistic programming language (Stan Development Team 2019*a*,*b*).

Conclusion

References

Solt, Frederick. 2020. "DCPO: Dynamic Comparative Public Opinion." Available at the Comprehensive R Archive Network (CRAN). https://CRAN.R-project.org/package=DCPO.

Stan Development Team. 2019*a*. "RStan: the R interface to Stan." R package version 2.19.2. https://CRAN.R-project.org/package=rstan.

Stan Development Team. 2019*b*. "Stan User's Guide, Version 2.21." https://mc-stan.org/docs/2_21/stan-users-guide-2_21.pdf.