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Replication materials for *Public Opinion Quarterly, The Polls—Trends* article:

Welfare Regimes and Support for Income Redistribution in Europe

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Setup instructions

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SPSS, R and RStudio are needed to replicate the outputs published in the article:

- In SPSS, **Custom Tables** module must be installed.
- In R, **data.table** package must be installed.

The enclosed code was created and executed using IBM SPSS STATISTICS (version: 28.0.0.0) and R (version: 4.1.0, 2021-05-18, "Camp Pontanezen"; RStudio version: 1.4.1717).

DELL Latitude 7410 laptop was used to conduct all analyses (*Processor*: Intel(R) Core(TM) i7-10610U CPU @ 1.80GHz, 2.30 GHz, *Operating system*: Windows 11 Pro, version: 21H2).

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Datasets

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Four data files are used in the article and are uploaded to the Dataverse repository:

1. **ESS1-9e01_1_red** = This SPSS data file contains cumulative *European Social Survey* data (Rounds 1 through 9). This data was used to create .csv tables on which Figures 1 through 7, Figures A1 and A3 were created (and Table A3).
2. **ESS1-9e01_1_Rounds_4_and_8** = This SPSS data file contains *European Social Survey* data from the *Welfare attitudes module* (Rounds 4 and 8). This data was used to create .csv tables on which Figures 8 and 9 are based.
3. **swiid9_1** = R data which contains *The Standardized World Income Inequality Database* (Version 9.1). This R data is used to create FIGURE A2: Market income and disposable income inequality by country.
4. **DP_LIVE_12042022195739284** = The .csv file stores the data for FIGURE A3: Public social spending (% of GDP). This data comes from the OECD database (https://data.oecd.org/socialexp/social-spending.htm).

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Code

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The replication files contain three scripts. These scripts must be run in the following order:

- **1 ESS 1 through 9 - SPSS syntax.sps** = This syntax performs the necessary data management and variable transformations on the cumulative European Social Survey data (Rounds 1 through 9, file name: ESS1-9e01_1_red) and computes tables on which Figures 1-7 are based. These tables were calculated using the *CTABLES* command, copy-pasted to Microsoft Excel 2016 and saved as .csv files (note that in local encoding, values are separated by a colon in a Czech .csv file). For more details, please follow the comments in this syntax file.
- **2 Welfare attitudes - ESS4 and ESS8 - SPSS syntax.sps** = This syntax performs the necessary data management and variable transformations on European Social Survey *Welfare attitudes module* data (Rounds 4 and 8, file name: ESS1-9e01_1_Rounds_4_and_8) and computes tables on which Figures 8 and 9 are based. These tables were calculated using the *CTABLES* command, copy-pasted to Microsoft Excel 2016 and saved as .csv files (note that in local encoding, values are separated by a colon in a Czech .csv file). For more details, please follow the comments in this syntax file.
- **3 R script to replicate all figures.R** = The R script replicates all figures reported in the article from the enclosed .csv tables and *swiid9_1* R data. This script loads the .csv files and uses the base R graphics to create the figures. The final versions of the figures were saved as .pdf files (in RStudio).

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Contact

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