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Replication materials for the article *Personal Experience with Policy Matters: Using Natural Experiment to Estimate Mere Exposure Effect*

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Setup information

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IBM SPSS Statistics (version 29.0.2.0) was used to merge the Czech Attitude panel waves and perform initial data management, as the Czech Attitude Barometer data are in the .sav format. The merged dataset (CAB_waves_1_and_2.sav) was subsequently exported for analysis in R.

All statistical analyses and figure/table outputs reported in the article were generated in R (64-bit, "Angel Food Cake", version: 4.3.3) using RStudio ("Cranberry Hibiscus", release: c8fc7aee). Replication requires R (≥ 4.3.3). The two scripts are fully executable from a clean R session. Users are advised to install the required packages listed in the R replication script prior to execution.

All analyses were conducted on a Dell Latitude 7440 laptop (13th Gen Intel® Core™ i7-1365U, 1.80 GHz) running Windows 11 Pro (64-bit).

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Dataset

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The following data set is used in the article and uploaded to the Dataverse repository:

CAB_waves_1_and_2.sav = This IBM SPSS Statistics dataset contains the merged data from the first two waves of the *Czech Attitude Barometer*. The file includes 1644 respondents and 30 variables. The merged dataset was created using the syntax file ***01_merge_data_management.sps***.

The original Czech Attitude Barometer wave datasets and their metadata are archived at:

- Wave 1: https://doi.org/10.14473/CSDA/B73GVD
- Wave 2: https://doi.org/10.14473/CSDA/CUSNBR

Access to these full archived datasets is restricted until June 2028. Therefore, the file **CAB_waves_1_and_2.sav** included in this replication package contains only the variables used in the analyses reported in the article.

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Code

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

- **01_merge_data_management.sps** = This IBM SPSS Statistics syntax file merges the first two waves of the *Czech Attitude Barometer* and performs the data management required for the analyses reported in the article (i.e., transforming the original variables into the variables used in the statistical models). The merging section of the script will be fully executable once the complete panel wave datasets become publicly available in June 2028 in the *Czech Social Science Data Archive*. The data management section of this script generates the 12 variables used in the analyses.
- **02_Models_and_Figures_in_R.R** = This R script conducts the main statistical analyses and reproduces all tables and figures reported in the article and the Appendix. The only exception is Appendix Table A4, which is generated by the robustness-check script below. This R script serves as the primary analytical script of the replication package.
- **03_Models_and_Figures_in_R_treatment_defined_by_generations_and-self-reports.R** = This R script performs robustness checks using an alternative operationalisation of the treatment variable. Treatment assignment is based on respondents' self-reported years of basic school attendance combined with their birth cohort. The script estimates ordered logit models of attitudes toward the length of basic education and reproduces Table A4 reported in the Appendix. In addition, the script allows all main analytical outputs in the article to be generated using this alternative treatment operationalization.

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Contact

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