Data and Code for

"Growth Experiences and Trust in Government"

Quarterly Journal of Economics

Timothy Besley (t.besley@lse.ac.uk),
Christopher Dann (cdann@stanford.edu),
Sacha Dray (sdray@worldbank.org)

1 Overview

This replication package contains the code to process the raw data and produce the Tables and Figures in both the main paper and the appendix.

The replication folder consists of five core folders:

- **code** – contains all of the relevant code necessary to clean data and generate tables and figures used in the main text and the appendix.
- **data/raw** – contains the raw data used in the analysis, subject to shareability (see 2 Data Availability and List). We always provide the transformed/intermediate data, which is typically a subset of variables from the original raw datasets. We outline in detail where each of the raw datasets can be downloaded in full below.
- **data/clean** – contains all of the cleaned data used for the analysis, once transformed from raw format in the "data/raw" folder. This typically includes the cleaned versions of the survey datasets, in addition to collapsed datasets for creation of cross-country figures and country-year panel datasets.
- **output/tables** – is the location of where all tables used in the paper will be saved. This includes a "main" subfolder and several "appendix" subfolders, dedicated to the relevant section (e.g. "appendix_a" contains the tables used in Appendix A).
- **output/figures** – is the location of where all figures used in the paper will be saved. This includes a "main" subfolder and several "appendix" subfolders, dedicated to the relevant section (e.g. "appendix_a" contains the figures used in Appendix A).

2 Data Availability and List

2.1 Statement about Rights

We certify that the author(s) of the manuscript have legitimate access to and permission to use the data used in this manuscript.

2.2 Summary of Availability

Almost all data used in the paper is publicly available with a few exceptions detailed below. For all datasets where possible we always share a subset of the relevant variables necessary. We outline in detail below where each of the full, raw datasets can be accessed. In section 5 Description of Programming Code, we outline which .do files would be necessary to transform any of the raw data into the subset/clean versions we provide. These .do files also provide full detail of how we cleaned and/or transformed the raw data into the ones we make available, where possible.

Survey Datasets: the Gallup World Poll and World Justice Project cannot be shared as these were provided under a specific agreement with the respective organizations. While we also cannot share the Swiss Household Panel directly, this can be downloaded directly and a (free) user-specific contract/license can be obtained: https://forscenter.ch/projects/swiss-household-panel/. The Latinobarometer and AmericasBarometer cannot be redistributed, but can also be downloaded directly and freely, as we outline below.

Cross-Country Datasets: all data except those sourced from Global Financial Data and the Cross-National Time Series Data Archive are publicly available. For almost all datasets, we share a subset of the variables used, except for Global Financial Data where this must be sourced independently.

2.3 Details on each Data Source

Table 1: Datasets Used in the Analysis

Data Name	File(s)	Location	Provided	Citation
Survey Datasets				
Afrobarometer	• afro_1_clean.dta • afro_2_clean.dta • afro_3_clean.dta • afro_4_clean.dta • afro_5_clean.dta • afro_6_clean.dta • afro_7_clean.dta • afro_8_clean.dta	data/clean	TRUE	Afrobarometer (Rounds 1-8; 1999-2023)
AmericasBarometer	• americasbarometer_clean.dta	N/A	FALSE	Latin American Public Opinion Project (LAPOP), Vanderbilt University (various years)
American National Election Studies	• anes_clean.dta	data/clean	TRUE	American National Elections Studies (ANES; various years)
Arabarometer	• arab1_clean.dta • arab2_clean.dta • arab3_clean.dta • arab4_clean.dta • arab5_clean.dta • arab6_clean.dta • arab7_clean.dta • arab8_clean.dta	data/clean	TRUE	Arab Barometer (Waves 1-8; 2006-2023)
Asiabarometer	• asia1_clean.dta • asia2_clean.dta • asia3_clean.dta • asia4_clean.dta • asia5_clean.dta • asia6_clean.dta	data/clean	TRUE	Asian Barometer Survey (Waves 1-6; 2003-2019)
European Social Survey	• ess_clean.dta	data/clean	TRUE	European Social Survey (ESS ERIC; various rounds)
Gallup World Poll	• gallup_clean.dta	N/A	FALSE	Gallup, Inc. (Gallup World Poll; various years)
Integrated Values Survey	• ivs_clean.dta	data/clean	TRUE	EVS (2021); Haerpfer et al. (2022)

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Table 1: Datasets Used in the Analysis (Continued)

Latinobarometer	• latino1_clean.dta • latino2_clean.dta • latino3_clean.dta • latino4_clean.dta • latino5_clean.dta • latino6_clean.dta • latino7_clean.dta • latino8_clean.dta • latino9_clean.dta • latino10_clean.dta • latino11_clean.dta • latino12_clean.dta • latino13_clean.dta • latino14_clean.dta • latino15_clean.dta • latino16_clean.dta • latino17_clean.dta • latino18_clean.dta • latino19_clean.dta • latino20_clean.dta • latino21_clean.dta • latino22_clean.dta • latino23_clean.dta	N/A	FALSE	Latinobarómetro Corporation (1995-2023)
Life in Transition Survey	• lits1_clean.dta • lits2_clean.dta • lits3_clean.dta • lits4_clean.dta	data/clean	TRUE	European Bank for Reconstruction and Development World Bank (Life in Transition Survey; Waves 1-4)
South Asia Barometer	• southasia1_clean.dta • southasia2_clean.dta	data/clean	TRUE	South Asia Barometer (Waves 1-2)
Swiss Household Panel	• shp_final_clean.dta	N/A	FALSE	Tillman et al. (2022)
World Justice Project	• wjp_clean.dta	N/A	FALSE	World Justice Project (various years)
Cross-Country Datasets				
Barro-Ursúa	• barro_ursua_gdppc.dta	data/raw	TRUE	Barro and Ursúa (2008)
CNTS	• banks_cnts.dta	data/raw	TRUE	Banks and Wilson (2024)
EM-DAT	• natural_shocks.dta	data/raw	TRUE	Delforge et al. (2024)
Financial Crises	• financial_crises_clean.dta	data/raw	TRUE	Nguyen et al. (2022)
FRED	• usd_franc_exrt.dta	data/raw	TRUE	Federal Reserve Bank of St. Louis (2024)
Global Financial Data	• gfd_inflation_1.dta • gfd_inflation_2.dta • gfd_inflation_final.dta • swiss_stock_returns.dta • swiss_unemployment_annual.dta	N/A	FALSE	Global Financial Data (2024)
Maddison Project Database	• mpd2023_clean.dta • average_growth_rates_mpd.dta • rare_disasters_mpd_2023.dta • growth_accelerations_mpd_2023.dta	data/raw	TRUE	Bolt and van Zanden (2024)
OWW	• oww.dta	data/raw	TRUE	Freeman and Oostendorp (2000)
Penn World Tables	• pwt100_clean.dta	data/raw	TRUE	Penn World Tables (2023)
Reinhart-Rogoff	• reinhart_rogoff_crises.dta	data/raw	TRUE	Reinhart and Rogoff (2010); Harvard Business School
S&P 500	• shiller_sp500_return.dta	data/raw	TRUE	Shiller (2024)
Schaltegger-Gorgas	• schaltegger_income_data.dta	data/raw	TRUE	Schaltegger and Gorgas (2011)
Swiss CPI	• swiss_cpi.dta	data/raw	TRUE	Swiss Federal Statistical Office (2024)
Swiss Inequality	• swiss_inequality_database.dta	data/raw	TRUE	Swiss Federal Statistical Office (2024)
US Unemployment	• us_unemployment_annual.dta	data/raw	TRUE	Malmendier and Shen (2024)
WB Development Indicators	• average_gini_coefficients.dta • average_intentional_homicides.dta • pop_wb_1960_present.dta • wb_income_group.dta	data/raw	TRUE	World Bank (2024)
WID	• wid_usa.dta	data/raw	TRUE	World Inequality Database (2024)
V-Dem	• vdem_democracy.dta • average_institutions.dta • democ_autoc_switch_media.dta	data/raw	TRUE	Coppedge et al. (2025)

2.3.1 Details on data access and variables

Survey Datasets

As outlined in the paper, across all surveys to develop the global harmonized dataset, we were

able to gather information on age, sex, education level, marital status and religious denomination. Besides the Afrobarometer and the European Social Survey, all surveys also provide information on trust in government alongside other political institutions. For the American National Election Studies and Swiss Household Panel, we were able to gather data on more individual characteristics, in addition to trust in the federal government and interpersonal trust. See paper for further details.

Afrobarometer: we accessed rounds 1 through 8, downloaded from: https://www.afrobarometer.org/.

AmericasBarometer: we accessed the merged data from: https://www.vanderbilt.edu/lapop/raw-data.php.

American National Election Studies: we used the 'Time Series Cumulative Data File (1948-2020)', dated September 16, 2022. This can be downloaded from here: https://electionstudies.org/data-center/.

Arabarometer: we accessed rounds 1 through 8, downloaded from here: https://www.arabbarometer.org/. For Wave 6, we use the 'Part 3' release.

Asiabarometer: we accessed rounds 1 through 6, downloaded from here: https://asianbarometer.org/.

European Social Survey: we accessed rounds 1 through 10, downloaded from here: https://www.europeansocialsurvey.org/.

Gallup World Poll: we used version 2025-02-21. This was accessed via the Stanford library. One of the authors also has a bespoke agreement with Gallup for access. More information on access can be found here: https://www.gallup.com/analytics/318875/global-research.aspx.

Integrated Values Survey: we accessed the data from here: https://europeanvaluesstudy.eu/methodology-data-documentation/integrated-values-surveys/. This link provides the information and raw data to combine the European Values Survey Trend File (1981-2017) and the World Values Survey Trend File (1981-2022).

Latinobarometer: we accessed rounds 1 through 23, downloaded from here: https://www.latinobarometro.org/.

Life in Transition Survey: we accessed rounds 1 through 4, downloaded from here: https://www.ebrd.com/home/what-we-do/office-of-the-chief-economist/lits/life-in-transition-survey.html.

South Asia Barometer: we accessed rounds 1 and 2, downloaded from here: https://asianbarometer.org/.

Swiss Household Panel: the data can be accessed from the SWISSUbase here via a license/contract: https://forscenter.ch/projects/swiss-household-panel/. We used the 'Living in Switzerland Waves 1-23 + Covid 19 data + Beta version wave 24'. The four main datasets we use are the core individual-level longitudinal dataset (shplong_p_user.dta), imputed income data (imputed_income_pers_long_shp.dta), equivalized household income data (shpequiv_long.dta) and baseline/background characteristics data (SHP0_bvwl_user.dta).

World Justice Project: we used the General Population Poll 2022. This was accessed via direct agreement and special permission with the organization. Further information on how to contact the organization for potential access can be found here: https://worldjusticeproject.org/rule-of-law-index/about.

Cross-Country Datasets

Barro-Ursúa: the 'Barro-Ursúa Macroeconomic Data' dataset can be accessed from here: https://barro.scholars.harvard.edu//data_sets. We use this as an alternative source of data for measuring GDP per capita.

CNTS: the 'Cross-National Time-Series Data Archive' dataset can be downloaded from here: https://www.cntsdata.com/. We use the 2025 edition. The variables we use are: executive changes (*polit12*), assassinations (*domestic1*), general strikes (*domestic2*), guerilla warfare (*domestic3*), riots (*domestic6*), revolutions (*domestic7*) and anti-government demonstrations (*domestic8*).

EM-DAT: the 'Emergency Events Database' is available from here: https://www.emdat.be/. We used this to gather information on the population affected by epidemics across countries over years.

Financial Crises: we use the data provided by Nguyen et al. (2022) for information on bank and currency crises across countries over time.

FRED: we use the Federal Reserve Bank of St. Louis data on 'Swiss Francs to U.S. Dollar Spot Exchange Rate', available here: https://fred.stlouisfed.org/data/EXSZUS.

Global Financial Data: the 'GFDatabase' is available from Finaeon: https://finaeon.com/products/#gfdatabase. We use this to gather information on inflation (ticker: CP[country code]MAPC), in addition to unemployment data (ticker: UNCHEM) and stock market returns data (ticker: _SPIXD) for Switzerland.

Maddison Project Database: the 'Maddison Project Database 2023' can be downloaded from here: https://www.rug.nl/ggdc/historicaldevelopment/maddison/releases/maddison-project-database-2023. This forms our core GDP per capita dataset.

OWW: the 'Occupational Wages around the World (OWW) Database' was downloaded from here: https://www.nber.org/research/data/occupational-wages-around-world-oww-database. We use this to construct measure of private incomes over the life-cycle for respondents in the Swiss Household Panel.

Penn World Tables: the 'Penn World Table' database was downloaded from here: https://www.rug.nl/ggdc/productivity/pwt/pwt-releases/pwt1001. We used version 10.01. We use this as an alternative source of GDP per capita data.

Reinhart-Rogoff: the Harvard Business School's (HBS) Behavioral Finance & Financial Stability 'Global Crises Data by Country' can be downloaded from here: https://www.hbs.edu/behavioral-finance-and-financial-stability/data/Pages/global.aspx. We use the data to gauge bank and currency crises across countries over time.

S&P 500: this was accessed from Robert Shiller's website: https://shillerdata.com/. Download the 'ie_data.xls' dataset. We use the percentage growth in the 'realprice' variable to calculate S&P 500 returns.

Schaltegger-Gorgas: we use the data from and Schaltegger and Gorgas (2011), manually taken from 'Appendix C: Top Income Shares in Switzerland, 1917-2007'. This provides information on the top 1% and top 10% share of income.

Swiss CPI: we use CPI information on Switzerland from the Swiss Federal Statistical Office, available here: https://www.bfs.admin.ch/bfs/de/home/statistiken/preise/landesindex-konsumentenpreise.html.

Swiss Inequality: we use data from the 'Swiss Inequality Database' for top 1% and top 10% share of income, available here: https://www.iwp.swiss/sid/income.

US Unemployment: we accessed data on US unemployment levels secondarily from Malmendier and Shen (2024). This itself was accessed from the Bureau of Labor Statistics, Coen (1973) and Romer (1986). See the ReadMe.pdf from Malmendier and Shen's (2024) replication package for further details.

WB Development Indicators: this was accessed using the Stata command/package `wbopendata`. We used this data source from the World Bank for information on population, income inequality and intentional homicides per 100,000 people.

WID: we accessed the 'World Inequality Database' using the Stata command/package `wid`. We use this for historical and contemporary inequality information for the United States. The core variables we use are the top 1% share and top 10% share of pre-tax national income across all adults aged 20+.

V-Dem: the 'Varieties of Democracy' dataset can be downloaded from here: https://v-dem.net/data/the-v-dem-dataset/. We use the 'Country-Year: V-Dem Core' dataset, version 15 (2025). The variables we use are *v2x_regime* to classify countries as democracies, autocracies or switchers, in addition to the electoral democracy index (*v2x_polyarchy*), free and fair elections (*v2xel_frefair*), judicial constraints on the executive (*v2x_jucon*), legislative constraints on the executive (*v2xlg_legcon*), freedom of expression (*v2x_freexp*) and media freedom/government censorship effort (*v2mecenefm*).

3 List of Provided Datasets and Explanation

Table 2: Provided Datasets and Explanation

Data Name	Location	Explanation
Survey Datasets		
afro_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Appendix Figure A1 and A2.
afro_1_clean.dta	data/clean	Cleaned version of Afrobarometer Round 1.
afro_2_clean.dta	data/clean	Cleaned version of Afrobarometer Round 2.
afro_3_clean.dta	data/clean	Cleaned version of Afrobarometer Round 3.
afro_4_clean.dta	data/clean	Cleaned version of Afrobarometer Round 4.
afro_5_clean.dta	data/clean	Cleaned version of Afrobarometer Round 5.
afro_6_clean.dta	data/clean	Cleaned version of Afrobarometer Round 6.
afro_7_clean.dta	data/clean	Cleaned version of Afrobarometer Round 7.
afro_8_clean.dta	data/clean	Cleaned version of Afrobarometer Round 8.
americasbarometer_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
anes_clean.dta	data/clean	Cleaned version of the ANES micro-data.
anes_cohort_panel.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 1.
anes_final.dta	data/clean	ANES micro-data along with lifetime experiences. Can be used to replicate all analysis using ANES.
arab_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
arab1_clean.dta	data/clean	Cleaned version of Arabarometer Round 1.
arab2_clean.dta	data/clean	Cleaned version of Arabarometer Round 2.
arab3_clean.dta	data/clean	Cleaned version of Arabarometer Round 3.

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Table 2: Provided Datasets and Explanation (Continued)

arab4_clean.dta	data/clean	Cleaned version of Arabarometer Round 4.
arab5_clean.dta	data/clean	Cleaned version of Arabarometer Round 5.
arab6_clean.dta	data/clean	Cleaned version of Arabarometer Round 6.
arab7_clean.dta	data/clean	Cleaned version of Arabarometer Round 7.
arab8_clean.dta	data/clean	Cleaned version of Arabarometer Round 8.
asia_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
asia1_clean.dta	data/clean	Cleaned version of Asiabarometer Round 1.
asia2_clean.dta	data/clean	Cleaned version of Asiabarometer Round 2.
asia3_clean.dta	data/clean	Cleaned version of Asiabarometer Round 3.
asia4_clean.dta	data/clean	Cleaned version of Asiabarometer Round 4.
asia5_clean.dta	data/clean	Cleaned version of Asiabarometer Round 5.
asia6_clean.dta	data/clean	Cleaned version of Asiabarometer Round 6.
country_year_cohort_panel.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 1 and 5, plus Appendix figures.
country_year_panel_bin_treatment.dta	data/clean	Averages of the micro-data. Can be used to generate Appendix Figure G.3 and G.4.
country_year_panel.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 7, plus Appendix G material.
ess_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Appendix Figure A1 and A2.
ess_clean.dta	data/clean	Cleaned version of the European Social Survey.
gallup_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
harmonized_pooled_averages.dta	data/clean	Averages of the micro-data. Can be used to generate Figures 3, 4 and 8, plus those in Appendix B.
ivs_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
ivs_clean.dta	data/clean	Cleaned version of the Integrated Values Survey.
latino_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
lits_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
lits1_clean.dta	data/clean	Cleaned version of Life in Transition Survey Round 1.
lits2_clean.dta	data/clean	Cleaned version of Life in Transition Survey Round 2.
lits3_clean.dta	data/clean	Cleaned version of Life in Transition Survey Round 3.
lits4_clean.dta	data/clean	Cleaned version of Life in Transition Survey Round 4.
shp_cohort_panel.dta	data/clean	Averages of the micro-data. Can be used to generate Appendix Figure E2.
southasia_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
southasia1_clean.dta	data/clean	Cleaned version of Southasia Barometer Round 1.
southasia2_clean.dta	data/clean	Cleaned version of Southasia Barometer Round 2.
wjp_clean_collapsed.dta	data/clean	Averages of the micro-data. Can be used to generate Figure 2.
Cross-Country Datasets		
average_gini_coefficients.dta	data/raw	10-year average of Gini coefficients at the country-level. Can be used to generate Appendix Figure B10.
average_growth_rates_mpd.dta	data/raw	10-year average of growth rates from the Maddison Project Database at the country-level. Can be used to generate Figure 4.
average_institutions.dta	data/raw	10-year average of institutions at the country-level. Can be used to generate Figure 8.
average_intentional_homicides.dta	data/raw	10-year average of intentional homicides per 100,000 at the country-level. Can be used to generate Appendix Figure B11.

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Table 2: Provided Datasets and Explanation (Continued)

banks_cnts.dta	data/raw	Data on unrest and executive turnover from CNTS from Banks and Wilson (2024).
barro_ursua_gdppc.dta	data/raw	Alternative GDP per capita data from Barro and Ursúa (2008).
ccode_with_regions.dta	data/raw	Country codes with relevant subregions.
che_income_inequality.dta	data/raw	Final income inequality data used for Switzerland, combining Schaltegger-Gorgas (2011) and the Swiss Inequality Database.
countrycodes.dta	data/raw	Additional country codes classification (identical to ccode_with_regions.dta but without subregions).
democ_autoc_switch_media.dta	data/raw	Classification of countries by regime type using V-Dem, alongside average levels of media freedom.
financial_crises_clean.dta	data/raw	Final financial crises data combining Reinhart-Rogoff and Nguyen et al. (2022).
growth_accelerations_mpd_2023.dta	data/raw	Includes data on growth accelerations using the Maddison Project Database, following Koopman and Wacker's code.
mpd2023_clean.dta	data/raw	Our core measure of GDP per capita growth, used to calculate lifetime growth experiences.
natural_shocks.dta	data/raw	Subset of EM-DAT data for population affected by epidemics.
nguyen_financial_crises.dta	data/raw	Banking and currency crises data from Nguyen et al. (2022).
oww3.dta	data/raw	Raw data from Occupational Wages around the World (OWW) Database.
pop_wb_1960_present.dta	data/raw	Population data from the World Bank since 1960.
pwt100_barro_clean.dta	data/raw	Data combining Barro-Ursúa and Penn World Table.
pwt100_clean.dta	data/raw	Cleaned version of the Penn World Table as alternative source of GDP data.
rare_disasters_mpd_2023.dta	data/raw	Includes updated data on Barro and Ursúa's (2008) rare disasters, applied to the Maddison Project Database.
reinhart_rogoff_crises.dta	data/raw	Data on banking and currency crises from Reinhart and Rogoff (2010) and Harvard Business School.
schaltegger_income_data.dta	data/raw	Data from Schaltegger and Gorgas (2011) on top 1% and 10% share of income.
shiller_sp500_return.dta	data/raw	Cleaned data on S&P 500 Returns from Robert Shiller's database.
swiss_cpi.dta	data/raw	CPI data for Switzerland.
swiss_inequality_database.dta	data/raw	Data from the Swiss Inequality Database on top 1% and 10% share of income.
swiss_wages_oww.dta	data/raw	Data on wages from OWW for Switzerland.
us_unemployment_annual.dta	data/raw	Annual unemployment data for the US.
us_unemployment_raw_q.dta	data/raw	Raw unemployment data from Malmendier and Shen (2024).
usd_franc_exrt.dta	data/raw	USD-Franc exchange rate data for calculating private income growth experience for the Swiss Household Panel respondents
vdem_democracy.dta	data/raw	Subset of V-Dem for calculating lifetime experience with institutions, namely for Figure 9 and Table 10.
wb_income_group.dta	data/raw	Income group classification across countries by the World Bank.
wid_usa.dta	data/raw	Data from the World Inequality Database for the USA.
Shapefiles		
World_Countries_Generalized.shp	data/shapefiles/World_Countries_Generalized	Can be used to generate Figure 3.

4 Computational Requirements

4.1 Software Requirements

The replication requires Stata and R. The version of Stata used was Stata/MP 16.1 for Mac (Apple Silicon). The version of R used was 2024.04.2+764 (2024-04.2+764).

Additional Packages

- Stata/MP 16.1
  - `reghdfe`
  - `ftools`
  - `geo2xy`
  - `outreg2`
  - `nrow`
  - `wbopendata`
  - `wid`
- R 4.2.0
  - `fect`
  - `haven`
  - `fixest`
  - `ggplot2`
  - `extrafont`
  - `dplyr`
  - `stringr`
  - `flextable`
  - `officer`

4.2 Memory and Runtime Requirements

The results were run using a MacBook Pro (16-inch, Nov 2023), using an Apple M3 Pro with 18GB of memory.

Replicating the main tables and figures should take a few hours. Replicating the appendix tables and figures should take approximately six to eight hours. This is of course conditional on the computing power of a user's device.

5 Description of Programming Code

In the "code" folder, there are only three necessary "master" .do files to replicate the results. These contain sub .do files that will automatically be called and run.

master_data_creation.do creates all necessary datasets for the analysis. This includes cleaning all surveys to compile the harmonized dataset, alongside the ANES and SHP, in addition to cleaning all relevant cross-country datasets necessary for calculating lifetime cohort experiences. As mentioned above, we do not provide the raw data files but already provide the post-transformed datasets either in "data/clean" or "data/raw". Below outlines the sub .do files dedicated to the three core datasets used in the paper.

- **Global Harmonized Dataset**

    1. **creating_harmonized_dataset.do** – cleans and harmonizes all of the survey datasets used to create the global harmonized survey dataset. Each sub .do file cleans the respective survey called upon (e.g. "code/data_creation/cleaning_afrobarometer.do" cleans all of the Afrobarometer surveys we access, rounds 1-8). These sub .do files can all be located in "code/data_creation". While we cannot provide the full "harmonized_dataset.dta" due to redistribution issues outlined above, where possible we provide a "_clean.dta" file for several of the surveys used that comprise the global harmonized dataset.
    2. **cleaning_cross_country_datasets.do** – cleans all relevant country-level datasets used to generate lifetime experience variables. We already provide the post-transformed data in the "data/raw" and "data/clean" folders, where relevant. The underlying raw datasets can be downloaded from the links provided in section 2 Data Availability and List.
    3. **creating_lifetime_experience_datasets.do** – merges all country-level time-series variables to specific country-cohorts since birth. Each row is a country-cohort and survey year, and each column represents age. Cells thus represent the observation of a given country-level experience for that cohort of a given age. This will create a new folder in the "data/raw" directory called "experience_datasets" that stores these datasets. Note this cannot be fully run without first individually compiling the "harmonized_dataset.dta".
    4. **generating_lifetime_experience_datasets.do** – generates core lifetime experience variables, primarily using the weighting function in equation (1) of the paper. This transforms all of the datasets in the "data/raw/experience_datasets" folder to generate the lifetime experience variables. This will also generate another folder in the "data/raw" directory called "lifeexp_variables_data" that stores all of the relevant datasets.
    5. **collapsing_harmonized_dataset.do** – collapses the harmonized dataset with relevant lifetime experience variables to generate country-cohort-year and country-year panel datasets. Given these are averages of the micro-data, we are able to fully provide these transformed datasets, as outlined in the table above. These datasets include:
        - data/clean/country_year_panel.dta
        - data/clean/country_year_cohort_panel.dta
        - data/clean/harmonized_pooled_averages.dta
        - data/clean/country_year_panel_bin_treatment.dta

- **American National Elections Studies (ANES)**

    1. **cleaning_anes.do** – cleans the raw ANES dataset for relevant variables used in the analysis. We provide the final file, "anes_clean.dta", that this .do file generates in "data/clean".
    2. **creating_anes_final_panel.do** – generates the final dataset using the ANES by generating all relevant lifetime experience variables. We provide the final file, "anes_final.dta", that this .do file generates in "data/clean".

- **Swiss Household Panel (SHP)**

    1. **cleaning_swiss_variables.do** – cleans relevant data for the analysis using the SHP, primarily data for imputing private income experiences. We cannot provide the final "income_life_experience.dta" due to access issues outlined above, but the .do file makes clear which datasets from the SHP are necessary for recreating.

2. **cleaning_shp.do** – cleans the raw datasets from the SHP used for relevant variables used in the analysis. We cannot provide the "shp_final_clean.dta" from this .do file due to redistribution issues, but see section 2 Data Availability and List for access details.
3. **creating_shp_final_panel.do** – generates the final dataset using the SHP by generating all relevant lifetime experience variables. We cannot provide the "shp_final_panel.dta" from this .do file due to redistribution issues.

master_tables_figures_code.do replicates all of the core tables and figures used in the paper. The sub .do files are labeled for the relevant figure or table to be generated. The only caveat is that Figure 7 is generated using R, so "figure_7.R" will need to be run separately, located in "code/figures/main".

master_appendix_tables_figures_code.do replicates all of the tables and figures in the Appendix. The sub .do files are labeled for the relevant figure or table to be generated. Again, one caveat is that Appendix G, Figures G1-G5 and Table G1 were generated using R. So "figure_g1_g2.R", "figure_g3_g4.R", "figure_g5.R" and "table_g1.R" will need to be run separately, located in "code/figures/appendix". A second caveat is that Appendix Tables C6, C7 and H1 have no code; these were created manually.

6 Instructions to Replicators

In the "code" folder, the master .do files should be run in the following order:

1. master_data_creation.do
2. master_tables_figures_code.do
3. master_appendix_tables_figures_code.do

Changing Directories: for each of the "master" .do files, make sure to change the line starting with "`global main_dir`" to the relevant location of the overall replication folder. This also applies to any .R files, where the user should change the `setwd("...")` line to the relevant location.

Output: all output from the .do files and .R files will go into the "output" folder. As per the 1 Overview section, this contains two sub-folders, "output/tables" and "output/figures". Within each sub-folder, there is always a "main" folder for the core tables and figures used in the text and named accordingly. For the appendix tables and figures, there are further sub-folders dedicated to each appendix (e.g. "output/tables/appendix_a" contains all tables in Appendix A of the paper). As part of the replication package, we have included all of the raw output from a replication run by one of the authors (and independently checked by a research assistant following a separate run).

7 List of Tables/Figures and Relevant Code

Table 3: List of Tables/Figures and Code

Name	Master .do file	Sub .do or .R file	Output file
Main			
Table 1	code/master_tables_figures_code.do	code/tables/main/table_1.do	output/tables/main/table_1.doc
Table 2	code/master_tables_figures_code.do	code/tables/main/table_2.do	output/tables/main/table_2.doc
Table 3	code/master_tables_figures_code.do	code/tables/main/table_3.do	output/tables/main/table_3.doc
Table 4	code/master_tables_figures_code.do	code/tables/main/table_4.do	output/tables/main/table_4.doc
Table 5	code/master_tables_figures_code.do	code/tables/main/table_5.do	output/tables/main/table_5.doc
Table 6	code/master_tables_figures_code.do	code/tables/main/table_6.do	output/tables/main/table_6_column_1_2.csv output/tables/main/table_6_column_3_4.csv output/tables/main/table_6_column_5_6.csv
Table 7	code/master_tables_figures_code.do	code/tables/main/table_7.do	output/tables/main/table_7.doc
Table 8	code/master_tables_figures_code.do	code/tables/main/table_8.do	output/tables/main/table_8.doc
Table 9	code/master_tables_figures_code.do	code/tables/main/table_9.do	output/tables/main/table_9_panel_a.doc output/tables/main/table_9_panel_b.doc output/tables/main/table_9_panel_c.doc
Table 10	code/master_tables_figures_code.do	code/tables/main/table_10.do	output/tables/main/table_10.doc
Figure 1	code/master_tables_figures_code.do	code/figures/main/figure_1.do	output/figures/main/figure_1a.png output/figures/main/figure_1b.png
Figure 2	code/master_tables_figures_code.do	code/figures/main/figure_2.do	output/figures/main/figure_2.png
Figure 3	code/master_tables_figures_code.do	code/figures/main/figure_3.do	output/figures/main/figure_3.png
Figure 4	code/master_tables_figures_code.do	code/figures/main/figure_4.do	output/figures/main/figure_4.png
Figure 5	code/master_tables_figures_code.do	code/figures/main/figure_5.do	output/figures/main/figure_5.png
Figure 6	code/master_tables_figures_code.do	code/figures/main/figure_6.do	output/figures/main/figure_6.png
Figure 7	*N/A, use R*	code/figures/main/figure_7.R	output/figures/main/figure_7a.png output/figures/main/figure_7b.png
Figure 8	code/master_tables_figures_code.do	code/figures/main/figure_8.do	output/figures/main/figure_8a.png output/figures/main/figure_8b.png
Figure 9	code/master_tables_figures_code.do	code/figures/main/figure_9.do	output/figures/main/figure_9.png
Appendix A			
Table A.1	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_a1.do	output/tables/appendix_a/table_a1.doc
Table A.2	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_a2.do	output/tables/appendix_a/table_a2.txt
Figure A.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_a1_a2.do	output/figures/appendix_a/figure_a1.png
Figure A.2	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_a1_a2.do	output/figures/appendix_a/figure_a2.png
Appendix B			
Figure B.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b1_b5.do	output/figures/appendix_b/figure_b1.png
Figure B.2	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b1_b5.do	output/figures/appendix_b/figure_b2.png
Figure B.3	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b1_b5.do	output/figures/appendix_b/figure_b3.png
Figure B.4	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b1_b5.do	output/figures/appendix_b/figure_b4.png
Figure B.5	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b1_b5.do	output/figures/appendix_b/figure_b5.png
Figure B.6	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b6_b9.do	output/figures/appendix_b/figure_b6.png
Figure B.7	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b6_b9.do	output/figures/appendix_b/figure_b7.png
Figure B.8	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b6_b9.do	output/figures/appendix_b/figure_b8.png
Figure B.9	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b6_b9.do	output/figures/appendix_b/figure_b9.png
Figure B.10	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b10_b14.do	output/figures/appendix_b/figure_b10.png
Figure B.11	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b10_b14.do	output/figures/appendix_b/figure_b11.png
Figure B.12	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b10_b14.do	output/figures/appendix_b/figure_b12.png
Figure B.13	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b10_b14.do	output/figures/appendix_b/figure_b13.png
Figure B.14	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_b10_b14.do	output/figures/appendix_b/figure_b14.png
Appendix C			
Table C.1	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c1.do	output/tables/appendix_c/table_c1_panel_a.doc output/tables/appendix_c/table_c1_panel_b.doc
Table C.2	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c2.do	output/tables/appendix_c/table_c2_panel_a.doc output/tables/appendix_c/table_c2_panel_b.doc
Table C.3	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c3_c4.do	output/tables/appendix_c/table_c3.doc

Continued on next page

Table 3: List of Tables/Figures and Code (Continued)

Table C.4	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c3_c4.do	output/tables/appendix_c/table_c4.doc
Table C.5	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c5.do	output/tables/appendix_c/table_c5.doc
Table C.6	*N/A, manually created*	*N/A, manually created*	*N/A, manually created*
Table C.7	*N/A, manually created*	*N/A, manually created*	*N/A, manually created*
Table C.8	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c8.do	output/tables/appendix_c/table_c8.doc
Table C.9	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c9.do	output/tables/appendix_c/table_c9.doc
Table C.10	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c10_c13.do	output/tables/appendix_c/table_c10.doc
Table C.11	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c10_c13.do	output/tables/appendix_c/table_c11.doc
Table C.12	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c10_c13.do	output/tables/appendix_c/table_c12.doc
Table C.13	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c10_c13.do	output/tables/appendix_c/table_c13.doc
Table C.14	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_c14.do	output/tables/appendix_c/table_c14.csv
Figure C.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c1_c6.do	output/figures/appendix_c/figure_c1.png
Figure C.2	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c1_c6.do	output/figures/appendix_c/figure_c2.png
Figure C.3	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c1_c6.do	output/figures/appendix_c/figure_c3.png
Figure C.4	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c1_c6.do	output/figures/appendix_c/figure_c4.png
Figure C.5	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c1_c6.do	output/figures/appendix_c/figure_c5.png
Figure C.6	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c1_c6.do	output/figures/appendix_c/figure_c6.png
Figure C.7	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c7_c8.do	output/figures/appendix_c/figure_c7.png
Figure C.8	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c7_c8.do	output/figures/appendix_c/figure_c8.png
Figure C.9	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_c9.do	output/figures/appendix_c/figure_c9.png
Appendix D			
Table D.1	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d1_d2.do	output/tables/appendix_d/table_d1.doc
Table D.2	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d1_d2.do	output/tables/appendix_d/table_d2.txt
Table D.3	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d3_d5.do	output/tables/appendix_d/table_d3.doc
Table D.4	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d3_d5.do	output/tables/appendix_d/table_d4.doc
Table D.5	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d3_d5.do	output/tables/appendix_d/table_d5.doc
Table D.6	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d6.do	output/tables/appendix_d/table_d6_panel_a.doc output/tables/appendix_d/table_d6_panel_b.doc
Table D.7	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_d7.do	output/tables/appendix_d/table_d7_panel_a.doc output/tables/appendix_d/table_d7_panel_b.doc
Figure D.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_d1_d2.do	output/figures/appendix_d/figure_d1.png
Figure D.2	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_d1_d2.do	output/figures/appendix_d/figure_d2.png
Appendix E			
Table E.1	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e1_e2.do	output/tables/appendix_e/table_e1.doc
Table E.2	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e1_e2.do	output/tables/appendix_e/table_e2.txt
Table E.3	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e3_e6.do	output/tables/appendix_e/table_e3_panel_a.doc output/tables/appendix_e/table_e3_panel_b.doc
Table E.4	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e3_e6.do	output/tables/appendix_e/table_e4_panel_a.doc output/tables/appendix_e/table_e4_panel_b.doc
Table E.5	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e3_e6.do	output/tables/appendix_e/table_e5.doc
Table E.6	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e3_e6.do	output/tables/appendix_e/table_e6.doc
Table E.7	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e7_e8.do	output/tables/appendix_e/table_e7.doc
Table E.8	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e7_e8.do	output/tables/appendix_e/table_e8_panel_a.doc output/tables/appendix_e/table_e8_panel_b.doc
Table E.9	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e9.do	output/tables/appendix_e/table_e9_panel_a.doc output/tables/appendix_e/table_e9_panel_b.doc output/tables/appendix_e/table_e9_panel_c.doc
Table E.10	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e10_e11.do	output/tables/appendix_e/table_e10.doc
Table E.11	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_e10_e11.do	output/tables/appendix_e/table_e11.doc
Figure E.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_e1.do	output/figures/appendix_e/figure_e1_a.png output/figures/appendix_e/figure_e1_b.png
Figure E.2	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_e2.do	output/figures/appendix_e/figure_e2_a.png output/figures/appendix_e/figure_e2_b.png
Figure E.3	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_e3_e4.do	output/figures/appendix_e/figure_e3.png
Figure E.4	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_e3_e4.do	output/figures/appendix_e/figure_e4.png
Appendix F			

Continued on next page

Table 3: List of Tables/Figures and Code (Continued)

Table F.1	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_f1.do	output/tables/appendix_f/table_f1_column_1.csv output/tables/appendix_f/table_f1_column_2.csv output/tables/appendix_f/table_f1_column_3.csv output/tables/appendix_f/table_f1_column_4.csv output/tables/appendix_f/table_f1_column_5.csv output/tables/appendix_f/table_f1_column_6.csv
Table F.2	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_f2_f3.do	output/tables/appendix_f/table_f2.doc
Table F.3	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_f2_f3.do	output/tables/appendix_f/table_f3.doc
Table F.4	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_f4.do	output/tables/appendix_f/table_f4.doc
Table F.5	code/master_appendix_tables_figures_code.do	code/tables/appendix/table_f5.do	output/tables/appendix_f/table_f5.doc
Figure F.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_f1.do	output/figures/appendix_f/figure_f1_a.png output/figures/appendix_f/figure_f1_b.png output/figures/appendix_f/figure_f1_c.png
Figure F.2	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_f2.do	output/figures/appendix_f/figure_f2.png
Figure F.3	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_f3.do	output/figures/appendix_f/figure_f3_a.png output/figures/appendix_f/figure_f3_b.png
Figure F.4	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_f4.do	output/figures/appendix_f/figure_f4_a.png output/figures/appendix_f/figure_f4_b.png
Figure F.5	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_f5.do	output/figures/appendix_f/figure_f5_a.png output/figures/appendix_f/figure_f5_b.png
Appendix G			
Table G.1	*N/A, use R*	code/tables/appendix/table_g1.R	output/tables/appendix_g/table_g1.docx
Figure G.1	*N/A, use R*	code/figures/appendix/figure_g1_g2.R	output/figures/appendix_g/figure_g1.png
Figure G.2	*N/A, use R*	code/figures/appendix/figure_g1_g2.R	output/figures/appendix_g/figure_g2_a.png output/figures/appendix_g/figure_g2_b.png
Figure G.3	*N/A, use R*	code/figures/appendix/figure_g3_g4.R	output/figures/appendix_g/figure_g3_a.png output/figures/appendix_g/figure_g3_b.png
Figure G.4	*N/A, use R*	code/figures/appendix/figure_g3_g4.R	output/figures/appendix_g/figure_g4_a.png output/figures/appendix_g/figure_g4_b.png
Figure G.5	*N/A, use R*	code/figures/appendix/figure_g5.R	output/figures/appendix_g/figure_g5.png
Appendix H			
Table H.1	*N/A, manually created*	*N/A, manually created*	*N/A, manually created*
Figure H.1	code/master_appendix_tables_figures_code.do	code/figures/appendix/figure_h1.R	output/figures/appendix_h/figure_h1.png

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