Replication of

Gallego, Kurer, and Schoell (2020). Neither Left-Behind nor Superstar: Ordinary Winners of Digitalization at the Ballot Box

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1 Data

1.1 Individual-Level Panel Data

The main analysis relies on individual-level panel data from the United Kingdom. Data is available free of charge but the depositors have specified that registration is required and standard conditions of use apply.

Study Number 6614 - Understanding Society: Waves 1-9, 2009-2018 and Harmonised BHPS: Waves 1-18, 1991-2009
`Registration and Download`

1.2 EU-KLEMS

ICT capital investment data comes from EU-KLEMS (September 2017 release). `UK_capital_17i` is included in the replication files or can be downloaded directly from the EU-KLEMS website: `Download`

1.3 Additional Data

Additional data files included in the replication materials and needed to reproduce the results:

- `CPI_UK`: CPI Index Year 2015 (`Source`)
- `US_capital_17i`: US ICT investment (instrument) (`Source`)
- `trade_euklems_num`: Trade data from Comtrade, crosswalked to NACE (`Source`)
- `onet2003-isco88`: Routine Task Intensity calculated from O-NET, crosswalked to ISCO88 (`Source`)
- `CHES_dataset_means_1999-2014` and `CHES_means_2017`: Chapel Hill Expert Survey Data (`Source`)

2 Code

`0_Main.do` is the master file to reproduce all results in main body. The master file runs:

- `1_prepare_BHPS_UKHLS.do`: Set up panel data, merge auxiliary variables from additional data files (→ dataset_temp_1.dta)
- `2_prepare_ICT_trade_RTI.do`: Crosswalking and harmonization of industry codes (→ dataset_final.dta)
- `3_analysis.do`: Reproduces all results (except figures in supplementary information and Figure 1, which is created in R)

`4_online_appendix_figures.Rmd` completes the replication with Figure 1 and the figures in the supplementary information.