Code Package for “Do Robots Increase Wealth Dispersion?”

The paper mainly uses individual-level data from administrative records provided by Statistics Sweden. It is prohibited to make the individual-level data publicly available due to their confidential nature. We therefore requested an exemption from the data availability in our initial submission. All empirical tests have been carried out on Statistics Sweden's server, where the individual-level microdata are stored. External researchers (with permission) can access the microdata through Statistics Sweden's data access platform, the MONA system (i.e., Microdata Online Access). Interested researchers are referred to the information section of Statistics Sweden's website for more details on how to order and access the data (https://www.scb.se/en/services/ordering-data-and-statistics/ordering-microdata/). In addition to the individual-level data, we also use privately sourced data on total stocks and new installations of industrial robots, which we obtained from the International Federation of Robotics (IFR). For more information on how to order and access the robot data, please visit the IFR website (https://ifr.org/worldrobotics/).

We perform most of the econometric analyses using the statistical softwares SAS and Stata. The “SAS" folder contains the SAS codes needed to prepare the household level data. The "Do " folder contains the Stata codes needed to generate the results in the paper and in the online appendix. We provide detailed comments and explanations in the codes and also specify the parts of the codes (in the “Tables.do” file) that generate the results reported in the main text and in the online appendix. The codes should be run in the same numbered order as provided in the folder to construct the data sets, generate variables, and obtain the final results. The codes in the “Fortran” folder generate the results presented in Table 10.