

Data and Do Files to replicate results in:

Bell, B., Bloom, N. and Blundell, J. “Income Dynamics in the UK and the Impact of the Covid-19 Recession”, *Quantitative Economics*

(1) Data

The data used in the project are subject to restricted access. Access to the New Earnings Survey/Annual Survey of Hours and Earnings (NES/ASHE) and the Annual Respondent Database (ARD) is provided by the UK Data Service through the Secure Data Service (SDS). Applications to access this data can be made at the following webpage:

<https://ukdataservice.ac.uk/find-data/access-conditions/secure-application-requirements/>

To replicate this study, applicants must apply to access for all the following datasets:

<https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=6689>
<https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=6704>
<https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=7989>
<https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=7451>
<https://beta.ukdataservice.ac.uk/datacatalogue/studies/study?id=6697>

Section 4.3 of the paper also uses data on UK company accounts from FAME. FAME is a commercial database that must be subscribed to:

<https://www.bvdinfo.com/en-gb/our-products/data/national/fame>

(2) Do Files

There are 3 do files that take the raw data held in the Secure Data Service (SDS) and make various adjustments and cleaning. These are:

(a) wages_data_construction.do

Takes the raw NES/ASHE data and ensures that there are matching firm identifiers (as these are sometimes missing). It recodes variables to create a set of consistent indicators across survey years. The final output is the wages dataset used in the paper: nesashe7520microclean.dta

(b) firm_data_construction.do

This takes firm-level data from both FAME and ARD and generates consistent measures for each firm-year. The final output is the firm dataset used in the paper: firmdat_clean.dta

(c) data_merge.do

This takes the wages dataset nesashe7520microclean.dta and merges in data on GDP, CPI Inflation and Earnings thresholds. It then combines these data with the firm-level data

firmdat_clean.dta to create a final matched worker-firm dataset (partb_dat_clean.dta) which is used in Section 4 of the paper.

Sections 2 and 3 of the paper use a set of do files created for the Global Income Dynamics project. These are in the directory “Master Code” and have a readme.txt file and Guidelines in pdf that explain the files in more detail.

Section 4 of the paper has 2 do files: one for the aggregate analysis (GDP regressions.do) and one for the firm-level analysis (Rent Sharing Regressions.do)