READ ME FILE

Title: How Many Jobs Did JobKeeper Keep?

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Description

This 'read me' file contains details of the code and data included in this archive that were used to generate the results reported in RDP 2020-07. Publically available plotting data for figures appearing in the RDP can be found in the spreadsheet 'rdp-2020-07-graph-data.xls'.

If you make use of any of these files you should clearly attribute the authors in any derivative work.

Data

The following data sources were used:

- Unit-record data from the Labour Force Survey (LFS) (known as the Longitudinal LFS, or LLFS):
  - Accessed through the ABS's DataLab facility – for details, including how to apply for access, see <https://www.abs.gov.au/ausstats/abs@.nsf/Latestproducts/6602.0Main%20Features1Australia?opendocument&tabname=Summary&prodno=6602.0&issue=Australia&num=&view=>.
- Other data sources are detailed in the paper.

Figure data

Data for all figures are publically available.

The underlying data files as used by the code referenced below are not included in this archive due to access restrictions and confidentiality; as such, the code for those files will not run. To run these program, apply for access with the ABS.

Code

The results reported in this RDP were generated using Stata 16.

Included in this archive are the following programs:

- 0_master.do
- 1_import_data.do
- 2_variables.do
- 3_summary_stats.do
- 4_regressions.do

To execute these program, run 0_master.do. This program calls on the other four programs in the correct order.

1_import_data.do extracts and cleans the raw LLFS data (not provided in this documentation) to create a panel file suitable for analysis.

2_variables.do creates the key variables used in the regression analysis.

3_summary_stats.do produces the key descriptive statistics using LLFS data in the paper, such as Tables 1, C1 and E1 and Figures 2 (top panel), 3, 5 (top panel), D1, E1 and E3 (top panel). The relevant output files are descriptive_stats.smcl (a Stata log file), additional_descriptives.xlsx, DD_graphs.xlsx, and parallel_conditional.xlsx.

4_regressions.do generates the regression estimates of the effect of JobKeeper worker eligibility on employment and hours. It also generates the results of the robustness tests and implements the alternative identification strategy (based on migrants). Output is exported to casual_emp.xlsx (all regression output pertaining to employment outcomes using the main identification strategy, including robustness checks), casual_other.xlsx (regression output for all other outcome variables using the main identification strategy) and migrant_emp.xlsx (regression output for the alternative identification strategy based on residency test).

The file Graphs.xlsx consolidates the relevant data from the output files above into a form useful for graphing.

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