

README

Replication Package for “An Analysis of the Post-Pandemic Inflation in Eleven Economies” an extension of “What Caused the U.S. Pandemic-Era Inflation?” by Ben Bernanke and Olivier Blanchard

Overview

This replication package recreates Figures 4-9, and the tables in the appendix. It is organized as follows:

- All data can be found in the folder (1) *Data* and (4) *Graphs*.
- All codes for the regressions and additional tests can be found in folder (2) *Codes*.
- All regression and test results can be found in folder (3) *Regression Results*.
- All graphs and figures can be found in (4) *Graphs*.

Data and Code Availability

To run this replication package Stata 18 was used. The data for all major results from the paper was provided by the central bank teams of the respective economies. The study includes the following economies: USA, Eurozone, United Kingdom, Japan, France, Germany, Italy, Spain, Belgium, Netherlands, and Canada. Replication data was provided for all economies, with the exception of the Bank of Japan due to confidentiality reasons. The US data is freely available from the FRED database and Google Trends. All public data is included under the folder (1) *Data* and (4) *Graphs*. The country specific variables are marked with a three-letter code at the end of each variable representing the respective country/economy in the main dataset in folder (1) *Data*. For more detailed information on the series used and their sources, please refer to table “*List of variables*” in the appendix of the paper.

The results

- *Figures 2 and 3*: taken directly from a prior publication found here: <https://www.piie.com/publications/working-papers/what-caused-us-pandemic-era-inflation>
- *Figure 4*: data in (1) *Data* and (4) *Graphs*, created using Excel.
- *Figures 5 and 9*: data were shared with us by the central bank teams. It can be found in folder (4) *Graphs*.
- *Figures 6 to 8*: the results for the impulse response functions and the historical decompositions were shared with us by the central bank teams directly. The graphs were created in Excel and can be found along with the data in (4) *Graphs*.
- *Appendix – Regression results*:
 - Folder (2) *Codes* contains the do-files for the regressions and subsample stability tests. Each equation (wage, price, cf1, and cf10) has its own do-file, along with an additional file for Germany’s preferred specification. To run these codes, please update the filepath at the top of the file.
 - Folder (3) *Regression Results* contains the output files of the codes in folder (2) *Codes*. Each equation has its own file (wage, price, cf1, and cf10) which includes all countries. Each country has its own sheet; Germany has multiple sheets (GER1: precovid sample, and GER2: full sample).
 - The results in folder (3) *Regression Results* are summarized in tables A1 to A4 in the appendix.