Replication package

"The Heterogeneous Impact of Market Size on Innovation: Evidence from French Firm-Level Exports"

Overview

The results of the paper have been obtained using Stata 14 MP. All the source files are available under the ./dofiles folder. To replicate the results, simply copy the content of this folder in your hard drive, open dofile _0_master and change the working directory at the top of the dofile.

Providing that all the data are available (see next sections), the code generates all Tables and Figures (respectively in folder ./graph and ./tables).

Please note that when you run dofile _0_master, the code will (temporarily) use the folder ./ado as a directory to store downloaded packages, remove the ./tmp, ./graph and ./tables and create new empty ones.

Data access

The paper uses confidential data that can be accessed by any researcher through a simple application to the Centre d'Accès Sécurisé à Distance to access firm level data (see also the CDAP for more information). The user interested in replicating the paper should apply to the following data:

- FICUS: firm level balance sheet data
- LIFI: Fiscal link between firms

In addition, the user needs to apply for the PATSTAT dataset (any version more recent than Spring 2016) to access information on patent data, including the name and address of inventors and assignees that are used to generate the matching between firms and patents.

Finally, the two sources of data used to construct the demand shock are BACI from the CEPII (available in the ./data folder) and the French Customs individual monthly data (covering at least years 1994-2012).

Once the user has the authorization to use all these sources, the authors commit to send the exact files that they used, these are:

- *ficus_fare.dta*: balance sheet data
- *nb_appln_year.dta*: file linking patent to firms
- *fixed_yr_citations*: file linking citations to firms
- *siren_to_sirpro.dta*: file that link firms to the head of groups in the rare cases where this is used

Other

The folder currently contains the Tables and Graphs that are included in the paper. The ./graph folder contains all Figures with the same name as in the manuscript and the ./tables folder contains a xls file called *tables_statdesc.xls* that contains all the Tables used in the paper. This also includes Figures and Tables in the Online Appendix.

For reference, the ./tables folder also contains a xls file that reports the number of observations used in each of the Figures.