CompNet’s 6th vintage: novelties and main stylized facts

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Increasing demand for micro-founded analysis
But firm-level data is confidential, and relies on existing administrative databases

- Country coverage and cross-country comparability is hindered
- A solution is to use the micro-aggregated methodology: collects economics of the distribution of indicators in a harmonised way across countries
  - STATA code to compute firm-level indicators of competitiveness is distributed to data providers
  - The code defines, cleans and weights the raw data in the same way across countries
  - Data providers commit code on their firm-level data and send back aggregated output to preserve confidentiality
  - Not only mean or median but full distribution of indicators, at different levels of aggregation

Available indicators by topic

Richness of the CompNet dataset

Despite not providing firm-level information, there is lot of granularity in the dataset

For each year level of aggregation and indicator: CompNet collects database entries

Productivity: Checking the data

Wide range of parametric and non-parametric productivity indicators to let the researcher choose the most convenient

Productivity: Growth in the age of the superstars

Dynamics of high and low productivity firms: high-growth vs. low-growth sectors

What makes the difference between fast and slow growing sectors? (Insights from TFP growth)

- The chart shows the dynamics of top and bottom productivity firms in 3 types of sectors:
  - Fast growing top mean of TFP growth
  - Slow growing top mean of TFP growth
  - Slow growing bottom
- What distinguishes fast growing sectors is the superior performance of top firms

Trade: Checking the data

Information on exporting firms in each manufacturing industry (hoped to be improved)

Available documentation

The new vintage of CompNet data comes with:
- A cross-country report providing an overview of the main novelties of the dataset
- A cross-country comparability report providing metadata and documenting existing differences across countries
- A comparability tool for the user to track cross-country differences in each indicator
- A user’s guide with detailed information on definitions and methodology used to compile some of the core indicators
- A “road-map” mapping indicators to data files and vice versa

All soon to be uploaded on www.comp-net.org