The 7th Vintage of the CompNet Dataset
Coming up soon:

- **20 Countries** from EU and beyond.
- Newest additions: Switzerland and Turkey
- Time span: **1999-2017**
- Utilizing enhanced codes to improve *comparability* and *robustness*.
More indicators based on new data

- Firm exit and entry
- Intangible assets
- Intra- and extra-EU exports and imports
- Energie consumption

Many new joint distributions in all categories

- Trade
- Competitiveness
- Productivity
- Labor
- Finance

www.comp-net.org
Further Improvements:

- Refined **weighting routine** and **outlier treatment**
- **New, more robust** regression estimation methods
- **Improved structure** of the dataset

→ Publicly available in **Spring 2020**
New CompNet Service: Remote E-Learning Course
Data show a high degree of **firm heterogeneity** at any level of aggregation.

Trends of economic performances differ widely across **firms distributions**:

- Aggregate indicators alone may often be **misleading**
- **Micro-based** information is crucial to understand the drivers of competitiveness.

For this purpose CompNet provides **percentiles, parametric indicators, joint distributions, production functions** and other nonstandard information.

The **richness** of this database increases together with its **complexity**:

- It might be harder to exploit all the **research opportunities** provided.
- This **e-learning course** gives an overview of some of the most useful research tools offered by the CompNet database.
This course is made for autonomous **online learning**

It is structured in three modules:

- **Beginners**: targeted at CompNet’s first users, professionals and students with a limited knowledge of Stata, micro-data and/or economic theory

- **Intermediate**: targeted at professionals and students who are familiar with the basic structure of CompNet and micro-based analysis

- **Advanced**: targeted professionals and scholars with a solid knowledge of applied economics

Participants self-identify in each level of preparation by a simple **survey** on their background knowledge.

The material of each module includes a **syllabus**, a set of **do-files** and a detailed **presentation** explaining all the tasks provided.

CompNet staff will be available **on remote** to assist participants by email.
CompNet Training – E-Learning Course: Content

- **Beginners**
  - How to **download and open** the data using Stata
  - **Basic structure** of the database in terms of data files and variables
  - **Initial visual analysis** (charts, tables)

- **Intermediate**
  - Use of **joint distributions** with a theory-based approach
  - Different trends across the **firms distributions**
  - **Standard regressions** at sectoral-regional level
  - More complex charts for **a richer representation**
  - **Rigorous explanation** of nonstandard parametric indicators

- **Advanced**
  - Use of the CompNet **production functions’** coefficients to get better estimations in small database
  - **Quantile regressions** using CompNet data
  - **Kernel approximation** of full variables’ distributions using CompNet percentiles
  - Other TBC