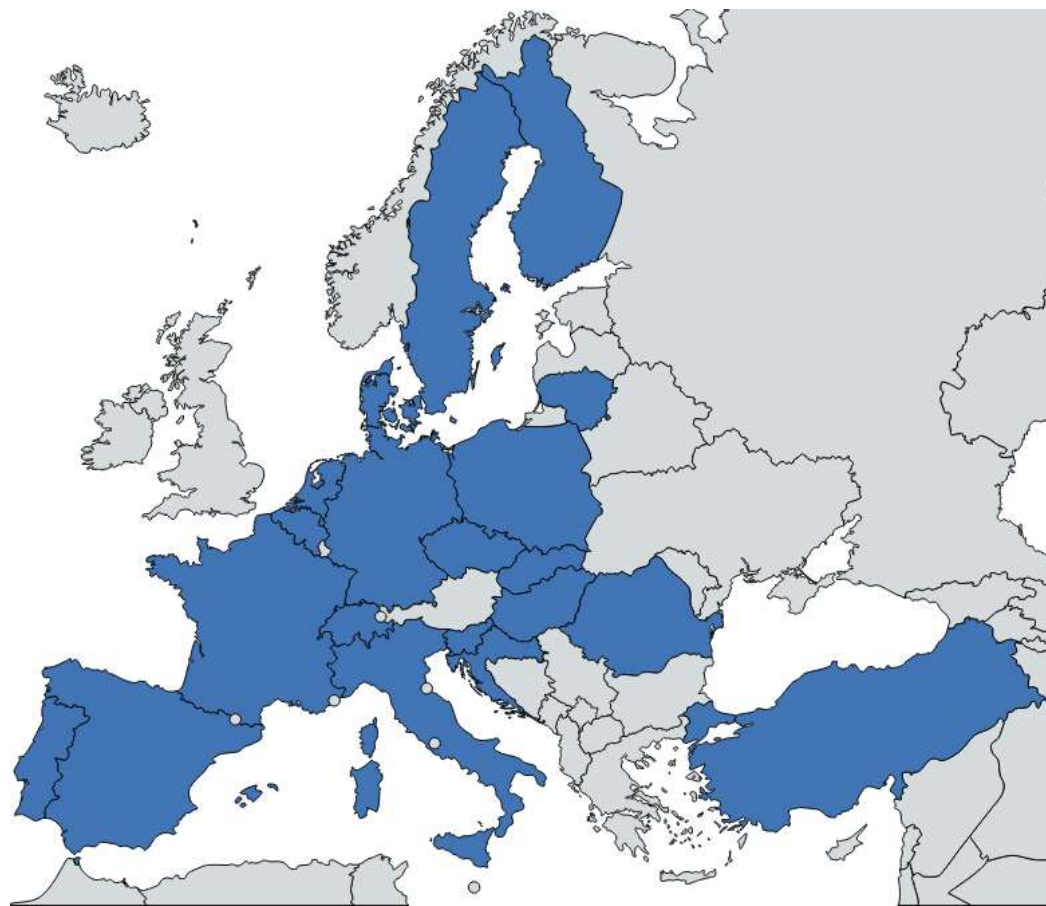


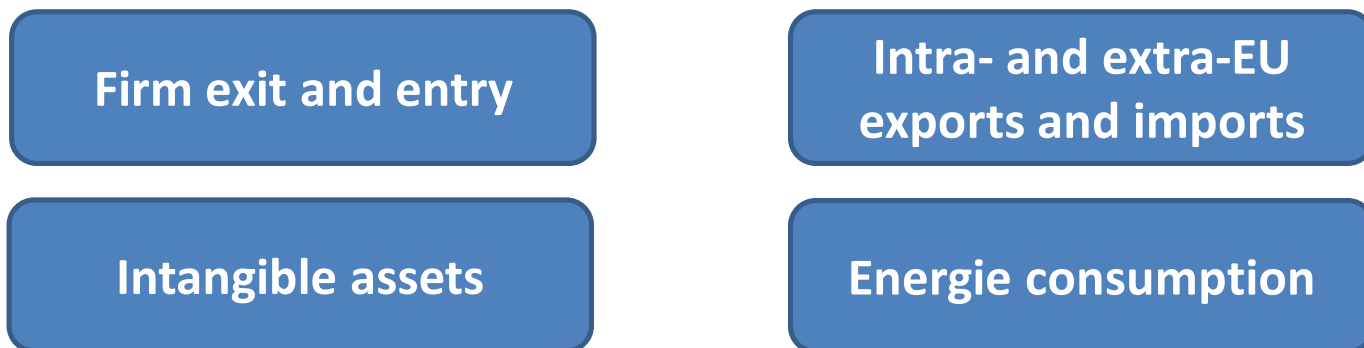
The 7th Vintage of the CompNet Dataset

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



Many new joint distributions in all categories



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

CompNet Training – E-Learning Course : Motivation

By **Paolo Mengano** (University of Zurich) and **Bernardo Mottironi** (London School of Economics)

- 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

CompNet Training – E-Learning Course: Structure

- 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

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