"Firm-level applied econometrics" 2ND COMPNET TRAINING COURSE

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Schedule

November 15th, 2017
November 16th, 2017
9:30-12:30
14:00-17:00

Venue

European Commission
Brussels, Belgium
(Room TBD)

The participation is free for the members of CompNet partner institution.

Deadline

Please, indicate the names of the staff willing to participate by Friday, 13th October.

Contacts

secretariat@comp-net.org

OBJECTIVES

This course provides an accessible treatment of state-of-the-art methods used to estimate **firm's performances** and **allocative inefficiencies**, using firm-level data. Besides discussing recent empirical work in the field, the course focuses on practical issues by offering hands-on **practical sessions**. In particular, participants will learn how to work with firm-level data and how to program **estimation algorithms** for the indicators discussed in class using Stata. Moreover, the course introduces the **CompNet database**, which is designed for empirical cross-country comparisons and contains, among others, the indicators covered in class.

OUTLINE (subject to minor changes)

1. Introduction to working with firm-level data
   - Structure and sources
   - Preparing data for estimation
2. Estimation of production functions
   - Cobb-Douglas vs. translog
   - Shortcomings of OLS and Fixed Effects
   - Control function approaches
   - Output and input price bias
3. Firm's performance measures
   - Productivity vs. profitability
   - Markups
4. Allocative inefficiencies
   - Hsieh, Klenow (2009)
   - Bartelsman, Haltiwanger, Scarpetta (2013)
   - Petrin, Sivadasan (2013)
5. Working with CompNet data
   - An overview of the database

REFERENCES

Ackerberg, D., Benkard, C.L., Berry, S. and Pakes, A., (2007); Ackerberg, D.A., Caves, K. and Frazer, G., (2015); Bartelsman, E., Haltiwanger, J. and Scarpetta, S., (2013); De Loecker, J. and Warzynski, F., (2012); De Loecker, J., Goldberg, P.K., Khandelwal, A.K. and Pavcnik, N., (2016); Foster, L., Haltiwanger, J. and Syverson, C., (2008); Hsieh, C.T. and Klenow, P.J., (2009); Petrin, A. and Sivadasan, J., (2013); Restuccia, Diego, and Richard Rogerson., (2017); Syverson, C., (2011); Wooldridge, J.M., (2009)