NBER Tutorial Application

Contact information

Name: Pedro A. Oliboni

Email: poliboni@uchicago.edu

Affiliation: University of Chicago, Economics

Website: https://pedrooliboni.github.io/

Research interests

Fields: macro, political economy, public economics

Topics: growth, firm dynamics, innovation, regulation

Research projects

"Inefficient Basic Science"

> This project investigates whether the apparent slowdown in productivity growth reflects ideas becoming harder to find or instead mismeasurement and misallocation of research effort. I show that once we correct for measurement issues and account for negative selection, effective research effort may have been roughly constant, implying that diminishing returns to ideas are not the binding constraint. If true, the upshot is that reallocating resources toward basic science could deliver sustained long-run growth.

"The Political Economy of Concentration", with Daria Matviienko (PhD student, Stanford GSB)

> We build a model that combines industry competition with political competition to study when market concentration is efficient versus when it reflects regulatory capture. High-productivity firms benefit disproportionately from higher entry barriers, generating strong incentives to lobby for restrictive regulation, while consumers and low-productivity firms oppose it. The framework provides predictions about which industries are more prone to inefficient concentration and offers a basis for empirical measurement.

"The Effect of AI on Labor Productivity"

> This paper develops a framework to measure how technological innovations, such as AI, affect true labor productivity once we account for workers' endogenous effort responses. Using evidence from performance-pay experiments and recent AI adoption studies, I show that observed output gains likely understate real productivity improvements, especially across experience levels.

Graduate study

Third year

Currently a rising third-year PhD student in Economics, enrolled since Fall 2023

- Collaborating with Prof. Ufuk Akcigit
- Advised by Prof. Erik Hurst and Chang-Tai Hsieh

Teaching Assistant (to be done this year)

- Price Theory I, Fall
- Theory of Income II, Winter
- Empirical Macroeconomics – Micro Data for Macro Models, Spring

Second year

Courses

- Trade & Growth field:
    - International Macro and Trade, Prof. Rodrigo Adao
    - Spatial Economics, Prof. Esteban Rossi-Hansberg
    - Firm Dynamics and Economic Growth, Prof. Ufuk Akcigit
- Public Economics field:
    - Public Sector Economics, Prof. Casey Mulligan
    - New Developments in Public Finance, Professors Eric Zwick, Pascal Noel, and Peter Ganong
    - Topics in Labor and Public Economics, Prof. Evan Rose
- Electives:
    - Empirical Macroeconomics – Micro Data for Macro Models, Professors Erik Hurst and Chang-Tai Hsieh
    - Macroeconomics with Heterogeneous Households, Prof. Greg Kaplan
    - Advanced Industrial Organization, Prof. Chad Syverson
    - Optimization-Conscious Econometrics, Prof. Guillaume Pouliot

Teaching Assistant

- Price Theory I (first quarter Micro in the PhD) to Professors Kevin Murphy and Casey Mulligan

First year: sequence in Micro, Macro, and Econometrics

- Lee Prize for highest score on Price Theory (Micro) and Theory of Income (Macro) Core Exam