

**University of Minnesota - Twin Cities**

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**Curriculum Vitae  
Fall 2023****Nicola Corbellini****Personal Data***Address*

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*Citizenship:* Italy (F-1 Visa)

**Major Fields of Concentration**

Macroeconomics, Public Economics, Economic Growth

**Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Economics	University of Minnesota (expected)	2024
Msc	Economics and Social Sciences	Bocconi University	2017
BS	Economics	University of Bergamo	2014

**Dissertation**

Title: "The Effects of Tax Enforcement on the Firm Size Distribution and Aggregate Productivity"

Dissertation Advisor(s): Professor V. V. Chari

Expected Completion: Summer 2024

**References**

Professor V. V. Chari	(612) 626-7151 chari002@umn.edu	Department of Economics University of Minnesota 4-101 Hanson Hall
Professor Christopher Phelan	(612) 626-2533 cphelan@umn.edu	1925 Fourth Street South Minneapolis, Minnesota 55455
Professor Larry Jones	(612) 624-4553 lej@umn.edu	

## Honors and Awards

- 2018-2019 *Mary and Robert Litterman Fellowship*, Department of Economics, University of Minnesota, Minneapolis, Minnesota  
2013 *Sant'Alessandro Merit Scholarship*, University of Bergamo, Bergamo, Italy

## Teaching Experience

- 2021-2023 *Instructor*, Department of Economics, University of Minnesota, Minneapolis, Minnesota. Taught *Industrial Organization*, *Public Economics* and *Cost-Benefit Analysis*.  
2020 *Instructor*, Department of Economics, University of Minnesota, Minneapolis, Minnesota. Taught *Intermediate Microeconomics*.  
2019-2020 *Teaching Assistant*, Department of Economics, University of Minnesota, Minneapolis, Minnesota. Led recitation sections for *Intermediate Microeconomics*

## Research Experience

- 2020-2021 *Research Analyst*, Research Department, Federal Reserve Bank of Minneapolis, Minneapolis, Minnesota. Research assistant for Dr. Mark Wright.

## Professional Experience

- 2017-2018 *Research Trainee*, European Central Bank, DG Monetary Policy, Capital Markets Division, Frankfurt am Main, Germany. Data entry and research assistance to Economists in the division.  
2016 *Research Trainee*, European Commission, DG ECFIN, Luxembourg, Luxembourg. Completed evaluation of EU financial instruments.

## Papers

Corbellini, Nicola, "The Effects of Tax Enforcement on the Firm Size Distribution and Aggregate Productivity" Job Market Paper.

## Computer Skills

Julia, Stata, Matlab, LaTeX

## Languages

English (fluent), Italian (native), French (intermediate)

## Abstract(s)

Corbellini, Nicola, "The Effects of Tax Enforcement on the Firm Size Distribution and Aggregate Productivity" Job Market Paper.

How does tax enforcement affect the firm size distribution and total factor productivity (TFP)? To answer this question, I develop a quantitative model characterized by heterogeneous agents who choose whether to be workers, entrepreneurs in the formal sector, or entrepreneurs in the informal sector. Informal entrepreneurs do not pay taxes, but face a probability of detection that is increasing in firm size. In the model, stricter tax enforcement results in lower informality and affects the firm size distribution and TFP through two mechanisms. First, some relatively unproductive agents choose to be workers rather than entrepreneurs, leading to higher average productivity and firm

size through a composition effect. Second, some entrepreneurs switch to the formal sector and expand their scale compared to informal entrepreneurs of the same productivity. Using data from Brazil, I calibrate the model and estimate that a counterfactual tax enforcement that reduces the informality rate from 36% to 30% of total output - the value measured in a weighted average of selected Latin American countries - would account for 11% and 27% of the observed differences in TFP and average firm size.