

GIACOMO CARLINI

Address

National Bank of Slovakia
Imricha Karvaša 1
813 25 Bratislava
Slovakia

Contact information

✉ giacomo.carlini@nbs.sk
🌐 <https://giacomocarlini.github.io/>

Employment

Senior Economist, Structural Analysis Section, National Bank of Slovakia 2025-

Education

MRes, PhD in Economics, Queen Mary University of London, UK 2019 – 2025

Thesis Title: Essays in Macroeconomics and Labor Economics

Thesis Committee: Federico Rossi, Xavier Mateos-Planas

MRes in Economics, Universitat Pompeu Fabra, Spain 2018 – 2019

MSc in Economics, Barcelona School of Economics, Spain 2017 – 2018

BSc in Economics, Catholic University of Sacred Heart, Italy 2014 – 2017

Research Fields

Macroeconomics, Labor Economics, Economic Growth and Development

Research Papers

"The Geography of Assortative Matching" (Job Market Paper)

Abstract: This paper investigates why assortative matching between workers and firms is stronger in large cities than in small cities. I develop a search and matching model with heterogeneous workers and firms to analyze how worker composition and labor market frictions affect equilibrium sorting. I calibrate the model to match salient moments of matched employer-employee data from Germany. I find that matching efficiency plays a major role in explaining differences in assortative matching across cities. Moreover, the effect is amplified by a more disperse worker productivity distribution, since there are higher returns from matching with similar types for both workers and firms. Using the calibrated model, I show that around 5% of GDP gap observed between large and small cities can be explained by differences in assortative matching. Overall, the paper stresses the importance of studying local labor market frictions and workers productivity distribution together to understand why the allocation between heterogeneous workers and firms vary between cities, and the resulting implications for spatial inequality.

"Task-Biased Technologies Adoption Across Countries" with P. B. Cesana

Abstract: In this project we study how the task content of occupations differs across countries. Using data from PIAAC, we propose a measure of "task intensity" to quantify the relative importance of each task within occupation, across countries. We find there is a negative relation between the routine task intensity and GDP per capita: the richer the country, the less intense the use of routine tasks, within occupation. In order to rationalize these findings, we propose a simple production model in which technology is task-biased. The allocation of tasks within occupation depends on

tasks productivity: when tasks are complements in production, an increase in the relative productivity of one task reduces its intensity with respect to the others. This is reflected in all occupations, since tasks are common to all of them. In the cross-country context, we interpret a relatively high intensity in routine tasks as a low routine specific productivities relatively to the other tasks. In the quantitative exercise we calibrate the model by matching moments obtained from the survey and from aggregate data. Task-specific productivity are directly informed by task intensities in each country. Finally, we use the model to understand what are the implications for GDP differences across countries.

Conferences and Seminars

2026 (expected) University of Economics in Bratislava

2025 National Bank of Slovakia, 14th European Meeting of the Urban Economic Association (*selected*), Society for Economic Dynamics (Copenhagen), Slovak Economic Association (Nitra), AIEL (Milan), NOeG (Krems an der Donau)

2024 Macro Internal Seminar (QMUL), NSE 3rd PhD and Post-Doctoral Workshop in Economics and Finance (Naples), 22nd Brucchi Luchino Labor Economics Workshop (Trento)

2022 Macro Internal Seminar (QMUL)

2021 PhD Conference (QMUL)

Organizer: 5th QMUL PhD Workshop in Economics and Finance (2023)

Research Experience

2019 *IESE Business School*, Research Assistant for Professor Cristian Eufinger

2018 *Universitat Pompeu Fabra*, Research Assistant for Professor Andrea Caggese

Teaching Experience

Queen Mary University of London

2024 Teaching Assistant for Games and Strategies (Professor Christopher Tyson)
Teaching Assistant for Microeconomics II (Professor Nick Vriend)

2023 Teaching Assistant for Games and Strategies (Professor Christopher Tyson)
Teaching Assistant for Microeconomics II (Professor Nick Vriend)

2022 Teaching Assistant for Microeconomics II (Professor Pawel Dziewulski)

2021 Teaching Assistant for Microeconomics II (Professor Pawel Dziewulski)
Teaching Assistant for Econometrics II (Professor Stepana Lazarova)

2020 Teaching Assistant for Contemporary Issues in Economics (Professor Guglielmo Volpe)
Teaching Assistant for Economics and Finance in Action (Professor Daniela Tavasci)

London School of Economics

2023 Teaching Assistant for Microeconomics II (Professor Chiara Sotis)

Additional Coursework

2023 CEMFI Summer School - New Developments in the Econometrics of Heterogeneous Workers and Firm (Prof. E. Manresa)

2022 CEMFI Summer School - Empirical Analysis of Firm Performance (J. De Loecker)

Grants and Fellowships

CEMFI Summer School Tuition Waiver, *2023*

Queen Mary University of London PhD Studentship, *2019- Present*

Catholic University of Sacred Heart Summer School Program Funds, *2017*

Languages and Technical Skills

Languages: Italian (Native), English (Fluent), Spanish (Fluent)

Software and Programming: Julia, Matlab, Python, Stata