

GIACOMO CARLINI

Contact Information

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References

Gino Gancia University of Milan - Bicocca Professor of Economics Email: gino.gancia@gmail.com	Sang Yoon (Tim) Lee Queen Mary University of London Reader in Economics Email: sylee.tim@qmul.ac.uk	Tom Schmitz Queen Mary University of London Reader in Economics Email: t.schmitz@qmul.ac.uk
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Placement Director: Andrea Tesei; Email: a.tesei@qmul.ac.uk

Education

MRes, PhD in Economics, Queen Mary University of London, UK, *2019 - Present*
Thesis Title: Essays in Macroeconomics and Labor Economics

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 build a search and matching model with heterogeneous workers and firms to study the effect of labor market composition and labor market frictions on labor market sorting. I calibrate the model to match salient moments of the matched employer-employee data from Germany. I find that labor market efficiency plays a major role in explaining differences in assortative matching across cities. Moreover, its effect is amplified by a more dispersed workers productivity distribution, since there are higher returns from matching with similar types for both workers and firms. Using the calibrated version of the model, I show that around 5% of GDP gap observed between large and small cities can be due to 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 inequalities.

"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, 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 productivity 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 productivities are directly informed by task intensities in each country. Finally, we quantify the contribution of the dispersion in task productivities on GDP differences across countries.

Conferences and Seminars

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

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)

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)

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