Francesca Ghinami — CV

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Education

PhD: Applied Economics [Hons., Cum Laude]

Autonomous University of Barcelona (UAB, Spain), *2019 - 2023*

Thesis: *"Factors (Mis)Allocation across cities and regions."* Supervisor: *M.A. Garcia-Lopez,*

Thesis Committee: *Ron Boschma (UU, GSSI); Paolo Veneri (OECD, GSSI); Miren Lafourcade (RITM, PjSE, CEPR); Jordi Jofre-Monseny (UB, IEB); Stephen Gibbons (LSE).*

PhD: Urban Studies and Regional Science [Hons., Cum Laude]

Gran Sasso Science Institute (GSSI, Italy), *2018 - 2023*

Thesis: *"Factors (Mis)Allocation across cities and regions."* Supervisor: *S. Montresor.*

MSc: Economic Sciences (Economics and Public Policies) [Hons., 110/110 Cum Laude]

University of Cagliari, Italy *2015 - 2017*

Thesis: *"A NEG model for insularity: the effects of integration with asymmetric distances and capital mobility."*

Experience

Postdoctoral Researcher

University of Cagliari, Italy *05/2024 - present*

GRINS project, on resilience, circular economy and sustainable transition in regions.

Postdoctoral Researcher

Gran Sasso Science Institute, Italy *02/2024 - 04/2024*

GEOTWIN - PRIN2022 project, on the geography of green and digital technologies in Europe.

Research Assistant

University of Cagliari, Italy *06/2018 - 10/2018*

Numerical Resolution of computable models of skill polarization, with workers mobility and heterogenous skills.

Research Assistant

CRENoS -Centre for North South Economic Research. Italy *05/2018 - 06/2018*

Comparative Analysis of the Innovative Startups' performances in Italy and Europe.

Teaching Assistant, Econometrics

University of Cagliari, Italy *03/2018 - 06-2018*

Econometrics and estimation techniques using Stata.

Economic analyst, Intern

SGS Economics & Planning, Australia *10/2017- 01/2018*

Public sector consultancy; Methodological evaluations (ROI); Report editing; Spatial data analysis & visualization.

Research outputs

○ Ghinami F., 2023 (JMP): **Effects of telework on population distribution across cities: a QSE model.** *WP version available at SocArxiv:* `https://doi.org/10.31235/osf.io/krnzq`

    This article calibrates a Quantitative Spatial Economic model with trade and commuting costs on 2017 US data, to evaluate the counterfactual effects that heterogeneous levels of remote-work adoption would have in terms of the distribution of firms and workers across cities. The findings suggest a policy-relevant dual role of remote work, concurrently enhancing welfare while reinforcing agglomeration and inequality across cities.

○ Ghinami F., 2023: **Spatial heterogeneity in factors misallocation: European evidence.** *Discussion Paper Series in Regional Science & Economic Geography, No. 2023-06. ISSN 2724-3680.*

    This study investigates misallocation at regional level (NUTS0-3) in 9 EU-member countries. It provides evidence for allocative disparities across regions to account for large shares of aggregate productivity losses, and to correlate significantly with the quality of regional public spending.

○ Ghinami F., Montresor S., 2023: **Tangible and intangible proximities in the access to Venture Capital by Innovative Start-up Companies.** *R&R at Economics of Innovation and New Technology. WP version available at SocArxiv,* `https://doi.org/10.31235/osf.io/hqrj7`

    This paper investigates the role that different forms of proximity have in access to Venture Capital (VC) by Innovative Start-up Companies (ISCs). Combining entrepreneurship research with economic geography, we propose some general hypotheses about this role and test them with respect to the population of Italian ISCs in

the period 2014-2019.

○ Ghinami, F. 2023 (Dissertation): **Productive Factors (Mis)Allocation across regions and cities.**
Available in Open Access at $https://hdl.handle.net/20.500.12571/28904$
The thesis adds to the research on the influence that spatial frictions and their mitigation have on the mobility and spatial distribution of productive factors. Furthermore, it provides new estimates of the magnitude of the welfare and productivity losses that this mitigation may determine.

Invited Lectures and Seminars

12/10/2023: Invited Seminar:"Effects of telework on population distribution across cities". University of Pisa

13/12/2022: Invited Seminar:"Local and Regional Misallocation in Europe: an exploratory study", Regional Quantitative Analysis Group, University of Barcelona (UB)

17/05/2022: Invited, Applied Lunch Seminar: "A tale of two countries: Regional Misallocation and Productivity in Italy and Spain", Autonomous University of Barcelona (UAB)

25/03/2022: Lecture, High-Tech Entrepreneurship PhD Course: "Proximity in entrepreneurial activities and financing", Sant'Anna School of Advanced Studies

International Congresses - Presentations

XLV **AISRe** *Congress*, Torino (Italy), 09/2024; *48th* **SAEe** *Spanish Economic Association Symposium*, Salamanca (Spain) 12/2023; *64th* **SIE** *Italian Economic Association Congress*, L'Aquila (Italy) 10/2023; **XII IBEO** Workshop, Corte (France) 06/2023; *XLVII* **AECR** *Congress, Spanish Regional Science Association*, Granada (Spain) 10/2022; *61st* **ERSA** *European Regional Science Association Congress*, (online) 08/2022; **SEA** *Spatial Economics Association 2022 World Conference*, Warsaw (Poland), 06/2022. **2021**: **DRUID**21, Copenhaghen (Denmark), 10/2021; *XLII AISRe Congress* (online) 08/2021; *60th* **ERSA** *Virtual Congress*. Chair and presenter, 08/2021 ; **RSA** *RinR21* Global E-Congress, 06/2021. **GEOINNO**2020, Stavanger (Norway) 01/2020.

Advanced Academic Training

05/2023: **Spatial Machine Learning**, with K. Kopcewska (UW). 09/2022: **Dynamic Structural Econometrics**, with B.Schjerning (UC). 06/2022: **Data-to-grid** *aggregation and basics of satellite imagery processing*, with E.Dobrowolska (UW). 06/2022: **Urban Economics** *Association, Summer School*, with D.Puga, N.Baum-Snow, J.Handbury, D.Sturm, G.Ponzetto, V.Couture. 05/2022: **Network Analysis**, with G. Rossetti (CNR). 12/2021: *ÊSTIMATE: The Reduced Form*, on **DiD methods with panel data**, with J.M. Woolridge (MSU). 12/2021: **Collective Learning and Economic Complexity**, with C. Hidalgo (CEPR/Harvard). 07/2021: "Research in **Productivity, Trade and Growth**", Tinbergen Institute Summer School, with E. Bartelsman, J. de Loecker, J. Van Biesebroeck. 06/2021: "**Economic Networks**", Oxford Mathematical Institute Summer School. 05/2021: **Data Analysis with Python**, with A. Paccagnini (UCD).06/2020: **Non-linear methods** *in econometrics*, with L.Gadea (UniZar). 10/2019: **Complex Network Analysis**, with F.Pinheiro (MIT), G.Cicerone (GSSI). 07/2019: *GSE - CREI Macroeconomics Summer School*, "Finance, **Firm Dynamic and Aggregate Outcomes**", with A. Caggese (UPF, GSE, CREI). 07/2019: *GSE - Microeconometrics Summer School*, "**Dynamic Structural Models for Policy Evaluation**", with J. Llull (MOVE, UAB and GSE).

Reviewer in International Journals

2024: Reviewer for *Economics of Innovation and New Technology* (Taylor and Francis).
2021, 2022, 2023: Reviewer for *Papers in Regional Science* (Wiley).
2022, 2023: Reviewer for *Industry and Innovation* (Routledge).

Awards

Doctoral Prize: *Giorgio Leonardi 2024 - 2nd Doctoral Prize*, awarded by the Italian Regional Sciences Association
Scolarships: *Doctoral Scolarship (2018-2022); Globus Placement (2017); EU-Project for traineeship (2016); Master INPDAP Certificated (2012); Erasmus (2008); INPDAP for students (2007, 2008)*

Languages

English: C1 (IELTS-Academic)	**Spanish:** C1	**French:** B1	**Italian:** Native

Softwares:

Econometrics: *Stata* (●●●●), *R* (●●●○)		**Modeling**: *Matlab* (●●●○), *python* (●●○○)
Spatial: *ArcGis-QGis* (●●●○)		**Network Analysis**: *python* (●●○○), *R* (●●○○)
Data vis.: Stata, R, python (●●●○), Tableau (●●●○)		**Databases**: MS SQL (●●●○), PostGreSQL (●●●○)
OS: *Debian Linux* (●●○○), *Windows* (●●●○)		**Text-Editing**: LaTeX(●●●○), *MS/Libre Office* (●●○○)

Declaration