

Federica Galli

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Date of Birth: 17/05/1995

Affiliation: University of Bologna

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Residence: Rimini, Italy

Current Position: Research Fellow

Research Topics

Spatial and Regional Statistics - Productivity and Efficiency - Expenditure Choices, Subjective Well-being and Disparities - Tourism and Cultural Economics

Current Academic Position

November 2022-October 2023: Post-Doc Researcher, Project: "*Statistical methods for research assessment*", Department of Statistical Sciences "Paolo Fortunati", University of Bologna, Supervisor: Prof. Alessandro Baldi Antognini.

Education

-April 2023: PhD in Statistical Sciences, University of Bologna, Thesis: "*Modelling spillover effects in spatial stochastic frontier analysis*", Supervisor: Prof. Cristina Bernini. Grade: Excellent.

-July 2019: Master Degree in Statistica, Economia e Impresa, University of Bologna, Thesis: "*Italian outbound tourists: tourism expenditure and satisfaction*", Supervisor: Prof. Cristina Bernini, Grade: 110/110 cum laude.

-July 2017: Bachelor Degree in Finanza, Assicurazioni e Impresa, University of Bologna, Thesis: "*Scelte di viaggio, felicità e spesa dei turisti italiani all'estero*", Supervisor: Prof. Cristina Bernini, Grade: 110/110 cum laude.

Visiting Periods

-September-December 2022: Visiting Scholar, INRAE, l'Institut Agro, Université de Bourgogne Franche-Comté, Dijon, France. Tutor: Prof. Julie Le Gallo.

Publications

Papers in Refereed International Journals

-Galli, F. (2023). "A Spatial Stochastic Frontier Model Introducing Inefficiency Spillovers". *Journal of the Royal Statistical Society Series C: Applied Statistics* 72(2), 346-367.

-Emili, S. and F. Galli (2023). "Spatial and cross-sectoral input spillover effects: the case of the Italian tourism industry". *Journal of Productivity Analysis* 59, 243-258.

-Bernini, C. and F. Galli (2023). "Innovation, productivity and spillover effects in the Italian accommodation industry". *Economic Modelling* 119, 106145.

-Galli, F. (2023) "A spatial stochastic frontier model including both frontier and error based spatial cross-sectional dependence". *Spatial Economic Analysis* 18(2), 239–258.

-Emili, S. and F. Galli (2022). "Self perceptions and perceptions of peers: their role in understanding expenditure behaviours". *Quality & Quantity* 56(6), 4573–4597.

-Bernini, C. and F. Galli (2022). "How much does satisfaction affect tourism expenditure during and post recessions?". *Current Issues in Tourism* 25(6), 937-954.

-Bernini, C., S. Emili, and F. Galli (2021). "Does urbanization matter in the expenditure-happiness nexus?". *Papers in Regional Science* 100(6), 1403-1428.

Other Contributions

-Galli, F. (2023). "Spillover effects in the innovative activity of Italian start-ups: a spatial stochastic frontier approach". In: *Cities and Regions in Transition*, Milano, FrancoAngeli, pp.181-200. [Book chapter]

-Galli, F. (2023). "Modelling spillover effects in spatial stochastic frontier analysis". Available at <http://amsdottorato.unibo.it/10537/> [PhD Thesis]

Professional Reports

-Bernini C., S. Emili, F. Galli, F.P. Greco, and R. Medei. REPORT: Produzione e domanda congressuale in Emilia-Romagna. Osservatorio sul turismo congressuale in E-R. Center for Advanced Studies in Tourism (CAST), University of Bologna, Rimini.

Teaching Experience

Courses

-Metodi Statistici per le Applicazioni Aziendali - Modulo 2, 30h, CLEI, Department of Economics, University of Bologna, a.y. 2023-2024.

Crash Courses

-Crash Course and Laboratory in Statistics, 30h, TEaM, Department of Economics, University of Bologna, a.y. 2022-2023, 2023-2024.

-Probability and Statistics, 18h, LMEC, Department of Economics, University of Bologna, a.y. 2020-2021, 2021-2022.

Teaching Assistant

-Statistica Economica, Analisi di Mercato, Statistica Aziendale, Algoritmi di Trading (FAI-SSFA), Department of Statistical Sciences "Paolo Fortunati", University of Bologna, a.y. 2020-2021, 2021-2022, 2022-2023, 2023-2024.

-Metodi Statistici per le Applicazioni Aziendali (CLEI), Department of Economics, University of Bologna, a.y. 2022-2023.

-Piano Lauree Scientifiche, Teaching tutor at Opificio Golinelli (Bologna) and Liceo Scientifico A. Serpieri (Rimini), June-October 2019.

Co-supervised Theses

Master Degree in Statistica, Economia e Impresa, Department of Statistical Sciences, University of Bologna:

-Musei in tempi di crisi: Analisi dell'impatto del Covid-19 sul settore museale italiano (2023)

-Subjective well being e reddito: quanto contano gli effetti spaziali? (2022)

-Le determinanti territoriali dell'efficienza dell'industria ricettiva in Italia (2022)

-Itinerari museali, modelli spaziali e impatto economico (2021)

Conferences

Organized Sessions

-"Regional and spatial patterns in production processes and efficiency". AISRe Conference, Naples, Italy, 6-8 September 2023.

Invited Speaker

-Galli, F., J.A. Piedra-Peña, M.L. Breuillé, and J. Le Gallo. “Is compulsory inter-municipal cooperation an efficiency booster?”, Session: Regional and spatial patterns in production processes and efficiency, Chair: F. Galli and S. Emili, AISRe Conference, Naples, Italy, 6-8 September 2023.

-Bernini, C. and F. Galli. “Subsidies, productive performance and spatial effects: Evidence from the Italian agricultural sector”, Session: Advances in Spatial Econometrics, Chair: P. Postiglione and A. Cartone, AISRe Conference, Naples, Italy, 6-8 September 2023.

-Emili, S. and F. Galli. “A system of dynamic spatial panel models to capture inter and intra sectoral productivity spillovers”, Session: Productivity, Chair: T. Ferraresi, 18th EU-REAL Meeting, IRPET, Florence, Italy, 22-23 June 2023.

-Bernini, C. and F. Galli. “The role of spatial interactions and museums routes in affecting the attractiveness of Italian museums”, Session: Cultural goods and industries impact at a spatial level, Chair: F. Angelini, AISRe Conference, Milan, Italy, 5-7 September 2022.

-Bernini, C. and F. Galli. “R&D, human capital and spillover effects in the Italian accommodation industry: what does really matter?”, Session: The re-launch of productivity in the European territory, Chair: S. Cerisola, AISRe Web Conference, 8-10 September 2021.

-Bernini, C., S. Emili, and F. Galli. “Regional disparities in the happiness-consumption nexus of Italian households”, Session: Regional disparities in Italy and EU: trends, drivers, policies, Chair: R. Capello and S. Cerisola, AISRe Web Conference, 2-4 September 2020.

-Bernini, C., S. Emili, and F. Galli. “The happiness-consumption relationship in the different urbanized areas of Italy”, Session: Subjective well-being, spatial inequalities and urbanization, Chair: C. Lenzi and G. Perucca, ERSA Web Conference, 25-27 August 2020.

Speaker

-Galli, F., J.A. Piedra-Peña, M.L. Breuillé, and J. Le Gallo. “Is compulsory inter-municipal cooperation an efficiency booster?”, Session: Cooperation and Local/Regional Development, ERSA Conference, Chair: M.C. Ojeda, Alicante, Spain, 28 August-1 September 2023.

-Galli, F. “A spatial durbin stochastic frontier model introducing spillover effects in the determinants of firms’ efficiency”, Session: Spatial economics and econometrics, Chair: M. Modica, AISRe Conference, Milan, Italy, 5-7 September 2022.

-Galli, F. "A spatial stochastic frontier model introducing cross-sectional dependence both in the frontier function and in the error structure", Session: Spatial Econometrics, Chair: J. Gibson, ERSA Web Conference, 22-26 August 2022.

-Galli, F. "A spatial Durbin stochastic frontier model with inefficiency spillover effects: a new proposal", Session: Spatial Econometrics, Chair: C. Fiorelli, ERSA Web Conference, 24-27 August 2021.

Invited Seminars

-"Spatial stochastic frontier models: methods and applications to the Italian accommodation and agricultural sector", INRAE, l'Institut Agro Dijon, Université de Bourgogne Franche-Comté, Dijon, France, 6 December 2022.

Participation in National and International Research Groups

-2019: Member of the "Metodologia statistica per la rilevazione dell'attività congressuale in Emilia- Romagna" project. Funded by Apt Servizi.

Awards and Scholarships

-Best paper presented by a young scholar at the AISRe 2022 conference.

-Marco Polo study grant for three months visiting at INRAE, l'Institut Agro Dijon, Université de Bourgogne Franche-Comté, Dijon, France.

Editorial Activities

Referee for Almatourism (1), Applied Economics (1), Economic Modelling (1), Empirical Economics (1), Food Policy (1), International Journal of Happiness and Development (1), Journal of Cultural Economics (1), SN Business & Economics (1), Spatial Economic Analysis (2), Quality and Quantity (1)

Scientific Affiliations

Member of the Spatial Econometric Association

Member of the European Regional Science Association

Member of Associazione Italiana di Scienze Regionali

Language

Italian (mother tongue), English (C1), Spanish (A2)

Software

Stata, Matlab, Latex, R