Dr. Silvia Emili

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University of Bologna
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Current position

Junior assistant professor (RTD-A). Department of Statistical Sciences "P. Fortunati", University of Bologna (since 12/2020).

Research Topics

Multivariate time series analysis, Spatial statistics and econometrics, Economic statistics for regional and urban sciences, Poverty, Wellbeing, Consumption Behaviour, Cultural and Tourism Economics

Previous positions and work experience

09/2018– 12/2020	Research fellow, Department of Statistical Sciences "P. Fortunati". University of Bologna. Research project: *Income, ageing, living standards and well-being: impact on consumption and leisure choices.* Supervisor: Prof. C. Bernini.
10/2013– 02/2017	Ph.D. student in *Statistical Sciences*, Department of Statistical Sciences "P. Fortunati". University of Bologna, Italy. Supervisor: Prof. L. Fanelli.
05/2012– 09/2013	Research fellow, Department of Statistical Sciences "P. Fortunati". University of Bologna. Research project: *Systemic Risk and Financial Risk Pricing*. Supervisor: Prof. A. Gardini.

Researcher in projects:

06/2018– 09/2018	*Piano Lauree Scientifiche: Studio degli Abbandoni* Supervisor: Prof. S. Mignani, University of Bologna
12/2017– 06/2018	*Metodologia statistica per la rilevazione dell'attività congressuale in Emilia-Romagna* Supervisor: Prof. C. Bernini, University of Bologna
05/2017– 12/2017	*Analisi e previsione della domanda turistica a livello di destinazione (piccole aree): le nuove opportunità fornite dai big data* Supervisor: Prof. A. Guizzardi, University of Bologna
12/2016– 04/2017	*Analisi e sviluppo di modelli VAR strutturali con dati a diversa frequenza* Supervisor: Prof. L. Fanelli, University of Bologna

Education

02/2017	Ph.D. in Statistical Sciences, University of Bologna, Italy Thesis title: Identification and estimation of Structural VAR models with mixed frequency data: a moment-based approach. Supervisor: Prof. L. Fanelli, University of Bologna.
10/2010	Master degree (110L): *Sistemi Informativi per l'Azienda e la Finanza*, Department of Statistical Sciences, University of Bologna, Rimini Campus
07/2008	Bachelor degree (110L): *Finanza e Assicurazioni*, Department of Statistical Sciences, University of Bologna, Rimini Campus

Visiting Position

09/2019–   Groningen University, Faculty of Economics and Business
12/2019   Reference person: Prof. J.P. Elhorst

Publications

Papers in refereed international journals

Bernini C., Emili S., Ferrante M.R. (2023) Poverty-happiness nexus: Does the use of regional poverty lines matter? *Papers in Regional Science*. DOI: 10.1111/pirs.12722

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

Elhorst J.P., Emili S. (2022) A spatial econometric multivariate model of Okun's law. *Regional Science and Urban Economics*, 93, March 2022, 103756.

Emili S., Galli F. (2022) Life domains satisfaction, perceived inequalities, and individual expenditures in Italy. *Quality & Quantity*, 56(6), 4573–4597

Bernini C., Emili S., Galli F. (2022) The happiness-consumption relationships in the different urbanized areas of Italy. *Papers in Regional Science*, 100(6), 1403–1428.

Bernini C., Emili S., Medei R. (2021) The spatial agglomeration of the MICE industry. *International Journal of Tourism Research*, doi.org/10.1002/jtr.2440

Bernini C., Emili S., Vici L. (2021), Are Mass Tourists Sensitive to Sustainability? *Tourism Economics*, 27(7), 1375–1397, doi.org/10.1177/1354816620923212

Emili S., Foscolo E., Gardini A. (2020) High spatial and temporal detail in timely prediction of tourism demand. *International Journal of Tourism Research*, 2(4), 451-463, doi.org/10.1002/jtr.2348.

Emili, S., Figini P., Guizzardi A. (2020) Modelling international monthly tourism demand at the micro destination level with climate indicators and web-traffic data. *Tourism Economics*, 26(7), 1129–1151, doi.org/10.1177/1354816619867804

Chapters in book

Bernini, C., Emili, S., Ferrante, M.R. (2024) Regional disparities in the sensitivity of well-being to poverty measures. In: *Spatial Inequalities and wellbeing: A multidisciplinary approach*, Ed. Fedeli V. and Lenzi C., Edward Elgar Publishing. Hardback ISBN: 978 1 80220 262 5. Ebook ISBN: 978 1 80220 263 2, pp. XX

Bernini C., Emili S., Ferrante M.R. (2023) Poverty Adaptation, Multidimensional Well-Being and Regional Disparities in Italy: A Statistical Matching Approach. In: *Cities and regions in transition*, Ed. Capello R. and Conte A., FrancoAngeli, Milano, pp. 161 - 180

Conference proceedings

Bernini C., Emili S., Ferrante M.R. (2019). Statistical Matching of HBS and ADL to analyse living conditions, poverty and happiness. Conference Proceedings: *Smart Statistics for Smart Applications*. Società Italiana di Statistica (SIS). Milan, 18-21 June 2019. ISBN 9788891915108

Papers submitted in refereed journals

Emili, S. Handling temporal mismatch between shocks and decision processes: A moment based approach for mixed frequency impulse responses. Under review for *Journal of the Royal Statistical Society: Series C*.

Emili, S., Galli, F. Capturing inter and intra sectoral productivity spillovers in industrial filière: A system of dynamic spatial panel data models. Under review for *Regional Science and Urban Economics*.

Bernini C., Emili, S., Galli, F. Experienced utility, Engel curves and Expenditure choices. Submitted.

Bakker A., Emili S., Magrone M., Montani F., Sommovigo V. A New Look at Job Demands, Resources and Volunteers' Intentions to Leave: The Role of Self-determined Motivation and Burnout. Submitted.

Editorial activities

Bernini, C., Emili S. (Ed.). Volume title: *Regions between challenges and unexpected opportunities*. Book series "Collana AISRe". (available at: `http://ojs.francoangeli.it/_omp/index.php/oa/catalog/book/700`)

Other

Angelini G., Emili S. (2018) Forecasting cryptocurrencies: a comparison of GARCH models. SSRN working papers. https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3195704

Emili S. (2017) Identification and estimation of Structural VAR models with mixed frequency data: a moment-based approach. Ph.D. Thesis: in Statistical Sciences, University of Bologna. Scientific Sector: SECS-P/05 Econometrics. Supervisor: Prof. L. Fanelli. DOI 10.6092/unibo/amsdottorato/7790

Bernini C., Dolcini C., Emili S., Saba F., Villalobos V. (2021) REPORT: *L'attività congressuale in Emilia-Romagna al tempo del Covid*. Center for Advanced Studies in Tourism (CAST), University of Bologna, Rimini Campus

Bernini C., Emili S., Galli F., Greco F.P., Medei R. (2019) 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 Campus

Bernini C., Emili S., Greco F.P., Medei R. (2018) REPORT: *Metodologia statistica per la rilevazione dell'attività congressuale in Emilia-Romagna*. Center for Advanced Studies in Tourism (CAST), University of Bologna, Rimini Campus

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Work in progress

Angelini G., Emili S. Identification in spatial vector autoregressive models: a Proxy-SVAR approach.

Angelini, G., Emili, S., Kesina, M. Identification and Estimation of Spatial Panel Data Models with an Endogenous Spatial Weights Matrix.

Bernini, C., Emili, S., Ferrante, M.R. Poverty, Happiness, and Life Domains: a Multivariate Probit approach.

Emili, S., Galli, F. Estimation of multivariate stochastic frontier models with spatial effects.

Emili, S. A Bias-Corrected Procedure to Expenditure-Satisfaction Nexus from Matched Data.

Conferences and workshops

Session Convenor

2023	- Bernini C., Emili S. Poverty, consumption and wellbeing distribution across Italy and Europe. Annual Conference of the Italian Regional Sciences Association (Naples, Italy) - Galli F., Emili S. Regional and spatial patterns in production processes and efficiency. Annual Conference of the Italian Regional Sciences Association (Naples, Italy) - Rubino A., Emili S., Facchini A. The regional dimension of energy transition. Annual Conference of the Italian Regional Sciences Association (Naples, Italy)
2022	- Emili, S., Bernini, C. Wellbeing, income and inequalities: a regional perspective. Annual Conference of the Italian Regional Sciences Association (Milan, Italy)

2021	- Emili, S., Bernini, C. Wellbeing, income and inequalities: a regional perspective. Annual Conference of the Italian Regional Sciences Association (Web Conference)
2020	- Bernini C., Emili, S. Well-being, economic conditions and regional disparities. Annual Conference of the Italian Regional Sciences Association (Web Conference)

Invited

2023	- Emili, S., Galli F. A system of dynamic spatial panel models to capture inter- and intra-sectoral productivity spillovers. 18TH EU-REAL Meeting (hosted by IRPET, Florence, Italy)
2022	- Emili, S., Galli F. Spatial dynamics in the productive system of the Italian tourism industry. Annual Conference of the Italian Regional Sciences Association (Milan, Italy)
2020	- Emili S., Elhorst J.P. A simultaneous system of dynamic spatial panel data equations on Okun's law. Conference of the European Regional Sciences Association (Web Conference)

Speaker

2023	- Bernini C., Emili S., Galli F. Urban patterns in expenditure-satisfaction nexus through Engel curves. Annual Conference of the Italian Regional Sciences Association (Naples, Italy) - Emili S., Galli F. Capturing inter and intra sectoral productivity spillovers in industrial filière: A system of dynamic spatial panel data models. Annual Conference of the Italian Regional Sciences Association (Naples, Italy)
2022	- Bernini C., Emili S., Ferrante M.R. Poverty transitions, wellbeing and territory in Italy: The need of a multi-dimensional matching approach. Annual Conference of the Italian Regional Sciences Association (Milan, Italy) - Bernini C., Emili S., Ferrante M.R. Poverty transitions, wellbeing and territory in Italy: The need of a multi-dimensional matching approach. Annual Conference of the European Regional Sciences Association (Pecs, Hungary)
2021	- Bernini C., Emili S., Ferrante M.R. Poverty conditions and the effect of subjective economic transitions across Italy. Annual Conference of the Italian Regional Sciences Association (Web Conference) - Bernini C., Emili S., Galli F. The role of emotionality and urbanization in consumption choices: an analysis through Engel curves. Annual Conference of the European Regional Sciences Association (Web Conference)
2020	- Bernini C., Emili, S., Galli F. The happiness-consumption relationships in the different urbanized areas of Italy. Conference of the European Regional Sciences Association (Web Conference) - Bernini C., Emili, S., Galli F. Regional disparities in the expenditure – happiness nexus of Italian households. Annual Conference of the Italian Regional Sciences Association (Web Conference) - Bernini, C., Emili, S., Ferrante, M.R. Poverty, Happiness and Regional Disparities. Annual Conference of the Italian Regional Sciences Association (Web Conference)
2019	- Bernini, C., Emili, S., Ferrante, M.R. Statistical Matching of HBS and ADL to analyse living conditions, poverty and happiness. Smart Statistics for Smart Applications. SIS (Milan) - Bernini, C., Emili, S., Medei, R. When cluster analysis meets geography: a statistical-based method for clustering the convention industry in Emilia-Romagna region. Conference of the Italian Regional Sciences Association (L'Aquila)

Listener

2014	- CFE-CMStatistics conference (Pisa)

2013	- Conference of the Italian Statistical Society (Brescia), Italian Congress of Econometrics and Empirical Economics (Genova)
2012	- Conference of the Italian Statistical Society (Rome)

Scholarships and Grants

2019	- Marco Polo scholarship, Department of Statistical Sciences, University of Bologna
2013-2016	- Ph.D. scholarship, Department of Statistical Sciences, University of Bologna

Coordination of and Participation in National and International Research Groups

Awarded on a competitive basis

2023	- Principal investigator of local unit in PRIN research group (Progetti di Ricerca di Interesse Nazionale, financed by the Italian Ministry of Education) 2022: Towards local development through a sustainable valorization of cultural heritage. Principal Investigator: Silvia Cerisola, Politecnico di Milano. MUR unit co-funding: 79,323.00 EUR.
	- Member of PRIN research group (Progetti di Ricerca di Interesse Nazionale, financed by the Italian Ministry of Education) 2022-PNRR: Consumer behavior, digital platforms and spatial spillover effects in a dual electricity market. Principal Investigator: Elias Carroni, University of Bologna.

Other

2023	- Member of the NEST (Network of Education on Sustainable Tourism, https://www.nest-tourism.org/) project. CAST - Rimini.
2019	- Member of the "Metodologia statistica per la rilevazione dell'attività congressuale in Emilia-Romagna" project. Funded by Apt Servizi srl.
2017	- Member of the "Indagine sull'attività congressuale in Emilia-Romagna" project. Funded by Apt Servizi srl.

Scientific Affiliations

Italian Regional Sciences Association (AISRe), European Regional Sciences Association (ERSA)

Services in Scientific Societies

Board Member: Center for Advanced Studies in Tourism, University of Bologna
Board Member (Elected): AISRe - Italian Regional Sciences Association (Italian Section of the Regional Science Association International)

Participation in conference organization

XLI Annual Scientific Conference of the Italian Regional Sciences Association, Web Conference, September 2020
XLII Annual Scientific Conference of the Italian Regional Sciences Association, Web Conference, September 2021
XLIII Annual Scientific Conference of the Italian Regional Sciences Association, Milan, September 2022
XLIV Annual Scientific Conference of the Italian Regional Sciences Association, Naples, September 2023

Editorial activities and Refereeing

Associate editor of "Humanities and Social Sciences Communications". https://www.nature.com/palcomms/
Publisher: SPRINGERNATURE, Campus, 4 Crinan St, London, England. ISSN / eISSN: 2662-9992

Referee for: Spatial Economic Analysis, Tourism Management, International Journal of Tourism Research, Urban Studies

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Teaching

Professor

2024 Data Analysis for Managerial Decision Making (I.C.) - Data mining (Language: EN) - Master degree in *Economia e management - Curriculum Business, Administration and Sustainability*, Department of Management, University of Bologna, Forlì Campus - 30 hours - 6 cfu

2022-2023 Quantitative Methods (I.C.) - Data mining (Language: EN) - Master degree in *Economia e management - Curriculum Business and Administration*, Department of Management, University of Bologna, Forlì Campus - 30 hours - 6 cfu

since 2021 Business data analysis (Language: EN) - Master degree in *Amministrazione e gestione di impresa - Curriculum Service Management*, Department of Management, University of Bologna, Rimini Campus - 30 hours - 6 cfu

2022 Introduzione ad Excel (Language: IT), Master in *Valorizzazione turistica e gestione del patrimonio culturale*, University of Bologna, Ravenna Campus - 3 hours

2017-2022 Analisi dei mercati e delle performance di beni ed eventi culturali. Modulo 2 - Introduzione alla statistica (Language: IT), Master in *Valorizzazione turistica e gestione del patrimonio culturale*, University of Bologna, Ravenna Campus - 9 hours

Adjoint Professor

2020 Laboratorio di metodi quantitativi per l'impresa (Language: IT) - Master degree in *Amministrazione e gestione di impresa - Curriculum Gestione d'Impresa*, Department of Management, University of Bologna, Rimini Campus - 30 hours - 3 cfu

2019 Business data analysis (Language: EN) - Master degree in *Amministrazione e gestione di impresa - Curriculum Service Management*, Department of Management, Rimini Campus, University of Bologna - 30 hours - 6 cfu

2019 Introduction to R: From One to Two Data Validation and Harmonization for Statistical Matching (Short Course), University of Bologna in collaboration with Camera di Commercio di Forlì/Rimini - 4 hours

Teaching Assistant

2020 Econometria finanziaria (Language: IT) - Master degree in *Scienze Statistiche, Finanziarie ed Attuariali*, Department of Statistical Sciences, University of Bologna, Rimini Campus - 15 hours

2014-2020 Econometria dei mercati finanziari (Language: IT) - Bachelor degree in *Finanza e Assicurazioni*, Department of Statistical Sciences, University of Bologna, Rimini Campus - 30 hours

2017-2020 Statistics (Language: EN) - Bachelor degree in *Economia del Turismo - Curriculum International tourism and leisure industries*, Department of Economics, University of Bologna, Rimini Campus - 30 hours

Thesis Supervisor

2023 Master degree in *Economia e management, Curriculum: Business and Administration*, Department of Management, University of Bologna, Forlì Campus:
- The effect of Dutch Disease on developing countries: a panel data application.
- The case study of Kaspi Bank: the influence of online banking system quality on the consumer loyalty and satisfaction.
- Empowering performance through data-driven decisions: insights from the analysis of R&D productivity of the Italian tech sector.

2021	Master degree in *Amministrazione e Gestione d'Impresa, Curriculum: Service Management*, Department of Management, University of Bologna, Rimini Campus: - A job demands-resources perspective to volunteers' leaving intentions: the role of motivations and burnout. - Comparative analysis on greenhouse gas emissions of online versus traditional grocery: Tulips Market case study. - Digital transformation in the publishing industry: the relationship between R&D investments and firms' productivity. - Measuring resilience of the companies during the Covid-19 period: an analysis of the food sector in Italy.
2020	Master degree in *Amministrazione e gestione di impresa - Curriculum Gestione d'Impresa*, Department of Management, University of Bologna, Rimini Campus: - Analisi spaziale sulla produttività del settore turistico nella regione Puglia: uno studio empirico.

Institutional Activities

Mentor in Erasmus+ Traineeship

2023	- Candidate: Karolina Siwiec (University of Warsaw). Research Project: Industrial Resilience in Poland. Hosting: University of Bologna - Rimini Campus - Candidate: Anna Jachowicz (University of Warsaw). Research Project: Industrial Resilience in Poland. Hosting: University of Bologna - Rimini Campus

Member of scholarship commission

2023	- Master degree in *Amministrazione e Gestione d'Impresa, Curriculum: Service Management*, Department of Management, University of Bologna, Rimini Campus

Member of intake commission

2023	- Master degree in *Business, Administration and Sustainability*, Department of Management, University of Bologna, Forlì Campus
2022	- Master degree in *Economia e management, Curriculum: Business and Administration*, Department of Management, University of Bologna, Forlì Campus

Comparative evaluation commission

2022	- Member in the procedure of comparative evaluation by qualifications and public discussion for the recruitment of one research fellow for the the project "Driving under the influence: statistical analysis of risk factors and prevention measures", prot. N. 721 del 19/5/2022. Department of Statistical Sciences "P. Fortunati", University of Bologna

Statistical Software Skills

R, Matlab, STATA

Languages Skills

Italian, English

Rimini, 12/09/2023

Silvia Emili

DICHIARAZIONI SOSTITUTIVE DI CERTIFICAZIONI
(art.. 46 D.P.R. n. 445/00)

DICHIARAZIONI SOSTITUTIVE DELL'ATTO DI NOTORIETA'
(art. 47 D.P.R. n. 445/00)

La sottoscritta EMILI SILVIA Codice fiscale MLESLV86P61G479C nata a PESARO (PU) il 21/09/1986 sesso F, consapevole delle sanzioni penali, nel caso di dichiarazioni non veritiere, di formazione o uso di atti falsi, richiamate dall'art. 76 del D.P.R. n. 445 del 28 dicembre 2000,

DICHIARA:

- di essere in possesso dei titoli e delle pubblicazioni riportate nell'allegato Curriculum Vitae;

- che ogni contenuto relativo a titoli, pubblicazioni e attività svolte riportato nel Curriculum Vitae allegato è conforme al vero.

Rimini, 12 settembre 2023   Silvia Emili

Silvia Emili

Ai sensi del d.lgs 196/2003 acconsento al trattamento dei dati personali.

La presente dichiarazione non necessita dell'autenticazione della firma se, ai sensi dell'art. 38, D.P.R. 445/00, è sottoscritta ed inviata insieme alla fotocopia, non autenticata di un documento di identità del dichiarante, all'ufficio competente.