

Curriculum Vitae

Barbara Martini

Biographical data

Birth place and date: Rome, October 7th, 1968
Nationality: Italian
Office address: Department of Business Engineering University of Rome Tor Vergata,
Via del Politecnico,1 - 00133 Rome, Italy
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Current Position

From *March 2025*: **Associate Professor** Associate Professor in Applied Economics at the Department of Business Engineering, University of Rome “Tor Vergata”.

From *October 2024*: **Associate Researcher** at the Research Centre for Macroeconomic and Regional Forecasting, Bucharest University of Economic Studies.

From *February 2023* **Delegate of the Rector for Equal Opportunities & Inclusion**

From *October 2022* Member of the **Gender Commission of the Italian Society of Economics** (SIE)

From *March 2001* **Researcher of Policy Economics**, University of Rome Tor Vergata-Italy.

Previous Position

Visiting professor: Bucharest University of Economic Studies, Bucharest- June 2024.

Co-Coordinator Master in Big Data & Business University of Rome Tor Vergata-Italy (from March 2014 to June 2017).

Research fellow at University of Rome Tor Vergata (1999-2001).

Short Term Consultant at the Rural Development Department of the World Bank, Washington DC, USA (Program Reference: 682-89) (1999).

Stage at Study Center Confindustria -General Confederation of Italian Industry-. (1994).

Other academic activities

President of Committee, Gender Equality Plan University of Rome Tor Vergata (2023-);

From January 2023 **Faculty member of the PhD program in Models for Economics and Finance** University of Rome La Sapienza;

Chairperson of the committee for the assignment of gender-themed graduation theses University of Rome Tor Vergata (2023; 2024);

Member of Committee, Gender Equality Plan University of Rome Tor Vergata (2021-2022-2023-2024).

Education

Ph. D. (Dottorato di Ricerca) University of Rome Tor Vergata- Italy. (1999)

Post graduate Erasmus program in Econometrics and Dynamic Optimization University of Groningen, Netherlands (1992-1993).

B.A. in Economics, (Laurea in Economia e Commercio) *summa cum laude*, University of Rome Tor Vergata - Italy (1992).

Research Interests

Spatial econometrics, Gender in regional science; Regional economics.

Selected publication

1.1 Referred Journals -Fascia A Anvur

- 1 Giannini M, Martini B., (2024) Regional disparities in the European Union. A machine learning approach *Papers in Regional Science* Vol.103 (4) August 2024 pp.1-11. <https://doi.org/10.1016/j.pirs.2024.100033> IF 2.4
- 2 Fiorelli C. Giannini M. Martini B., (2022) Private and Public Risk Sharing across Italian Regions *Journal of Macroeconomics* Vol 74 Dec 2022 pp.1-10 <https://doi.org/10.1016/j.jmacro.2022.103470> IF 1.556
- 3 Giannini M, Martini B, Fiorelli C (2022). How does firms' broadband adoption affect regional TFP in Italy. *Economia Politica*, 40 pp.1025-1050. <https://doi.org/10.1007/s40888-022-00269-5> IF 1.143
- 4 Giannini M. Fiorelli C. Martini B., (2022) Ageing in the labour market: A spatial VAR approach. *Spatial Economic Analysis*, Vol 17(4) pp. 538-556. IF 2.317 <https://www.tandfonline.com/doi/full/10.1080/17421772.2022.2036361>
- 5 Martini B., (2020), Resilience and Economic Structure. Are they related? *Structural Change and Economic Dynamics* (2020) Vol.54, pp.62-91, doi: <https://doi.org/10.1016/j.strueco.2020.03.006> IF 5.059
- 6 Giannini M, Martini B., (2020) Regional Wage and Productivity in Italy: A spatio-temporal analysis. *Spatial Economic Analysis*. Vol. 5 (4) pp. 392-412. <https://doi.org/10.1080/17421772.2020.1769169> IF 2.317
- 7 Martini B., (2016) The Data Revolution. Big Data, Open Data, Data Infrastructures and Their Consequences. *Regional Studies*, Vol. 50, 2, pp.553-54. DOI 10.1080/00343404.2015.1107987 IF 4.59.

1.2 Referred Journals (Scopus)

- 8 Martini B, Platania M (2022) Are the regions with more gender equality the more resilient ones? An analysis of the Italian regions' *Regional Science Inquiry Journal* vol. XIV (2) December 2022, pp.71-94. ISSN 17917735
- 9 Martini B. (2020) Resilience, resistance and recoverability, regional economic structure and human capital in Italy. Are they related? *Applied Econometrics and International Development*. AEID Vol 20 (1) pg.47-62. ISSN 1578-4487
- 10 Martini B., Platania M., (2019) Analysing resilience in Local Labour Market Areas: A spatial analysis. The case of Italy. *Applied Economics Quarterly* Vol 65

- (3), pp.187-206. ISSN 1865-5122 3110
- 11 Martini B., (2020) La resilienza delle regioni italiane. Una analisi con panel spazio-temporali *Scienze Regionali*. Vol. 20 (1) pp.35-54. DOI: 10.14650/95927

1.3 Referred Journals

- 12 Martini B., (2024) Examining Gender and Ethnic Segregation In Italy's Labour Market: Are Women And Migrants More Segregated Than Men And Natives? *Romanian Journal of Regional Science* Vol. 18 (2) pp. 45-60
- 13 Martini B, Giannini M, Fiorelli C., (2024) From Sectoral Industrial Composition to Employment and, Reverse. The Italian Case. *Romanian Journal of Regional Science* Vol. 18 (1) pp. 1.37.
- 14 Martini B, Platania M., (2023) Occupazione femminile, specializzazione, dissimilarità e crescita regionale. Il divario nord sud esiste davvero? *Rivista economica del Mezzogiorno* XXXVII (3-4) pp.459-488.
- 15 Martini B. (2023) Parità di Genere e Piano Nazionale di Ripresa e Resilienza: Obiettivo Trasversale o Obiettivo Impossibile? *Regional Economy* Vol. 7(1) pp.6-19
- 16 Martini B. (2022) Does gender matter for Related and Unrelated Variety? A Sectoral, Spatio-temporal Analysis for the Italian Provinces *Romanian Journal of Regional Science* Vol. 16, No. 1, Summer 2022 pp. 1-29
- 17 Martini B., (2022) Genere e specializzazione produttiva. Esiste una relazione? Una analisi spazio-temporale per le province italiane. ANNALI MEMOTEF 2021-ONLINE FIRST ISSN 2611-6634
- 18 Giannini M, Martini B, Fiorelli C., (2022) Are Related and Unrelated Variety Suitable Measures at Analyzing Industrial Sectoral Composition? A Critical Review *International Journal of Business and Social Science* Vol. 13 (1) March 2022 doi:10.30845/ijbss.v13n1p1
- 19 Martini B. (2020) Una stima della perdita di valore aggiunto provinciale dovuta al Covid-19: un'analisi spazio-temporale. *Eyesreg*, Vol. 10 n.3. ISSN 2239-3110
- 20 Martini B. Platania M., (2019) Spatio-temporal analysis of the resilience in Italy during the great recession *Romanian Journal of Regional Science* Vol. 13 (1) pg.1-14. ISSN 18423-8520

1.4 Book Chapter

- 21 Fiorelli C, Giannini M, Martini B., (2024) La Convergenza economica delle regioni europee. In *Conflicts, Scenarios and Transitions. Opportunities and Risks for Regions and Territories*. Edited by M. Modica and D. Piacentino ISBN 978-88-351-6653-5, Edited by Franco Angeli pp.15-35
- 22 Martini B., (2024) Regional Gendered Sectoral Segregation in the EU. Is regional specialization a gender segregation trap? In *Conflicts, Scenarios and Transitions. Opportunities and Risks for Regions and Territories*. Edited by M. Modica and D. Piacentino ISBN 978-88-351-6653-5, Edited by Franco Angeli pp.121-154
- 23 Martini B, Platania M., (2020) The resilience of tourist destination. Seismic risk

- perception by tourism operators in Volcano Etna (Italy) In Tourism and Earthquakes Edited by: C. Michael Hall, Girish Prayag
- 24 Martini B., (2018) Resilience, reorientation and variety. An analysis of Italian provinces after 2007 economic shock in *Resilience, Crisis and Innovation Dynamics*, T., Baycan and H., Pinto eds. Edward Elgar 2018. ISBN 9781786432186 (*Scopus*)
- Since January 2025, she has been collaborating with InGenere, curating the '**Dati di Fatto**' section.
 - Incrementare l'occupazione femminile, sì ma dove? Le contemporanee dicembre 2021
 - Le donne ed il mercato del lavoro. Un problema non solo economico La Voce 3 Marzo 2022
 - A che punto siamo su PNRR e parità di genere? InGenere Settembre 2022
 - PNRR ED OBIETTIVI TRASVERSALI: LA PARITA' DI GENERE. Obiettivo raggiungibile o occasione persa? La Voce 18 Novembre 2022
 - PNRR: premialità e condizionalità per garantire la priorità trasversale parità di genere. InGenere Aprile 2023
 - Gare Pnrr: che fine hanno fatto obblighi e premi per la parità di genere? La Voce Giugno 2023
 - PNRR e parità di genere. Quando il raggiungimento della missione trasversale sembra una dichiarazione formale e non sostanziale. InGenere Giugno 2024
 - Misurare le Molestie. InGenere Ottobre 2024

Professional activities: referee activity

Rivista Geografica ItalianaX2; Economic Modelling; Papers in Regional ScienceX4; Spatial Economic Analysis.

Society membership and Awards

Sie- Società Italiana di Economia; Member of the Gender Commission

AISRe-Associazione Italiana di Scienze Regionali;

Ersa- European Regional Science Association;

EyesReg Award for the best paper selected by the editorial team "Resilienza Economica e Resilienza Sociale. Esiste una Relazione?" (2015)

Teaching Activities

PhD course

Spatial econometrics (15 hours) **PhD program in Models for Economics and Finance** University of Rome La Sapienza;

Undergraduate courses

Spring 2025- **Statistical Methods in Economics (SMIE)**; (Post Graduate –LM-

2024- 2023- 2022	6 credits, in Italian), University of Rome Tor Vergata, Dep. of Enterprise Engineering Gender & Inclusion; (Undergraduate-LT 3 credits, in Italian) University of Rome Tor Vergata;
Spring 2021- 2020	Statistical Methods in Economics (SMIE); (Post Graduate –LM- 6 credits, in Italian), University of Rome Tor Vergata, Dep. of Enterprise Engineering
Spring 2025- 2024-2023	Microeconomic Principles (1002); Temple University Rome Campus
Fall 2024-Fall 2023- Fall 2022- Spring 2022- Fall 2021-Fall 2020	Macroeconomic Principles (1101); Temple University Rome Campus
Fall 2024-Fall 2023- Fall 2022- Fall 2021- Fall 2019- Spring 2019- Spring 2018	International Trade (3563); Temple University Rome Campus
2016-2020	Referee for Economics for the Biotechnology Degree of the Biology Dept. – University of Rome Tor Vergata. ➤ Fundamentals of Economics for Biotechnologies (Undergraduate -LT- 6 credits, <i>fondamenti di economia per biotecnologi</i>, in Italian). ➤ Applied Economics (Post Graduate –LM- 6 credits, in English).
From 2010-2011 to 2015-2016	➤ Fundamentals of Economics for Biotechnologies (Undergraduate -LT- 6 credits, <i>Fondamenti di economia per biotecnologi</i>, in Italian) ➤ Applied Economics, (Post Graduate –LM- 6 credits, <i>Economia applicate</i>, in Italian).
2011-2012	Economia Finanza e Territorio (<i>Economics, Finance and Territories</i>) -9 CFU- LM, University of Rome Tor Vergata

Post Graduate Courses

2014	Geography of Tourism (6 CFU) Fondazione per le Tecnologie Innovative per i Beni e le Attività Culturali-Turismo
2010	Local Development Systems and Regional Touristic Development

- Systems** -Master MEMATIC- University of Rome Tor Vergata.
- 2003 **Policy economy. Problems and prospective** -Master Nuval- University of Rome Tor Vergata.
- 2001 **Real Options: Theory and Application** -Business School of Ernest & Young- Naples and Rome.
- 2001 **Real Options: Theory and Application to the New Economy**. SSPAL (Scuola Superiore di Pubblica Amministrazione Locale).
- 2000 **Cost and Benefit Analysis: new development** -Master in Economics and Health- University of Rome Tor Vergata.

Research Projects

PRIN 2022 – 20227 KF2ZK “Environmental Awareness, Environmental Policies and International Shocks: A Theoretical and Empirical Investigation”. Member

P2022A82P3 Models of sustainable uses of energy for just transition environmental Policies: a Theoretical and Empirical Investigation. Member

2019-2022

DataSkills4SMEs – Erasmus plus project for digital training in European SME. Member
2018-2024

C4C Conect 4 Children (Collaborative Network for European Clinical Trials for Children); H2020. Member

2018-2020

OLTRE (Oltre l’orizzonte – Contro-narrazioni dai margini al centro); Commissione Europea sul Fondo per la Sicurezza Interna. Member

2017

INDRIX (Inclusive Disaster Resilience Index); European Project. Member.

2010

CaDEC (*Capitalization and Dissemination on Espon Concept*); Coordinator. Italian Referee for the operational and scientific coordination of the CaDEC project for the Priority IV of the ESPON (European Observation Network, Territorial Development and Cohesion) project.

ESPON Contact Point Italia; Responsible for the relationship with the Regions; responsible for communications, dissemination and newsletter; supervisor and referee for the EDORA and ATRS projects.

2009

OCI (Osservatorio Crisi di Impresa); Member.

Studies on the economic features of bankrupted companies. The study was conducted both at national and regional levels. The results are quoted in the volume: “The pre-bankruptcy investigation: proceeding for the declaration of bankruptcy. A juridical-business investigation into the praxis of the Italian Court”. Wolters Kluwer Milano Italia, ISBN: 9788821732300.

2008

INVITALIA: Study on: “Reclaiming UNESCO sites in Campania”.

INVITALIA: Guidelines for the Development Project for Alternative Tourism in Campania, Context, benchmarking, governance and SWOT analysis.
Agei “Competitiveness in Italian Regions and Provinces”; Member.

Conferences and Seminars

2024

AISRe-Città e regioni nell’era digitale. La sfida della transizione verso l’economia circolare. XLV Annual Scientific Conference -Turin September 4-6 2024. Occupazione femminile, specializzazione, dissimilarità e crescita regionale. Il divario nord sud esiste davvero?(With Marco Platania) Exploring the relationship between migration and gender segregation in Italy: are women and non-natives more segregated than men and natives?

2023

SIE- 64.ma Riunione Scientifica Annuale October 19-21 L’Aquila, Italy. PNRR e parità di genere: obiettivo trasversale o obiettivo impossibile?

AISRe-Europe and the Mediterranean between transitions and conflicts. Opportunities and risks for regions and territories XLIV Annual Scientific Conference Naples, 6-8 September 2023 Regional Gendered Sectoral Segregation in the EU. Is regional specialization a gender segregation trap?; Relatedness, gender, and regional productivity growth. Are the regions with the most gender equalities the most productive ones? The Italian case

ERSA- Urban Challenges and Sustainable Technological Revolution, August 28-September 1st Alicante (Spain). Relatedness, gender, and regional productivity growth. Are the regions with the most gender equalities the most productive ones? The Italian case; Regional Gendered Sectoral Segregation in the EU. Is regional specialization a gender segregation trap?

14th Annual Global Temple Conferences: Howard Gittins Student Center Temple University Philadelphia February 1st European Union and International Trade: Partners or Competitors

2022

SIE- 63.ma Riunione Scientifica Annuale October 20-22 Turin, Italy. Evolutionary Economic Geography: Including Gender in the Analysis.

AISRe- Città e regioni in transizione- September 5-7 Milan, Italy. Gender and Variety: an unexplored relationship. A spatio-temporal analysis for the Italian provinces; The Energy Efficiency puzzle in Europe. A spatial stochastic frontier approach with endogenous variables (With Fiorelli C. and Giannini M.); Are the regions with more gender equality the more resilient ones? An analysis of the Italian regions (With M.Platania); Evolutionary Economic Geography: Including Gender in the Analysis.

ERSA-Disparities in a Digitalising (Post-Covid) world – Networks, Entrepreneurship and Regional Development; August 22-26 Pecs, Hungary. Are the regions with more gender equality the more resilient ones? An analysis of the Italian regions (With M.Platania); Evolutionary Economic Geography: Including Gender in the Analysis.

2021

SIE- Economia e sfide globali. Salute, cambiamenti climatici, tecnologie digitali. **Session Organizer:** Includere il genere nella valutazione delle politiche pubbliche; October 28-30 on line;

ERSA- Territorial Futures- Vision and scenarios for resilient Europe; 24-27 August on line: Gender and Variety. An unexplored relationship. A Spatio-temporal analysis for the Italian provinces.

AISRe- Territorial challenges in the post-covid era; 8-10 September on line; Gender and Variety. An unexplored relationship. A Spatio-temporal analysis for the Italian provinces.

2020

Webinars: Covid19 e l'Economia: *It is not only the market. How Covid shock is going to have an impact on gender gap?* 16 Luglio

ERSA- Spatial Challenges for the New World 25-27 August on line; How does broad band diffusion affect Italian firms TFP, with M. Giannini

AISRe- Regioni tra sfide ed opportunità 2-4 September, on line; How does broad band diffusion affect Italian firms TFP, with M. Giannini; Channels of Interregional Risk Sharing in Italy, with M. Giannini and C. Fiorelli

2019

Invited speaker: JRC-Ispra- Resilience, resistance and recoverability, regional economic structure and human capital in Italy (July);

University of Pisa - Resilience, specialization, human capital and spatial analysis. An unexplored relationship (October).

Workshop on "Space and Growth: Theoretical and Empirical Models" Pisa 13-14 December;

AISRe- *Oltre le crisi: Rinnovamento, Ricostruzione e Sviluppo dei Territori-* 16-18 settembre, L'Aquila, Italy. Resilience, specialization, human capital and spatial analysis. An unexplored relationship, (With Massimo Giannini) Resilience and economic structure. Are they related?.

ERSA- *Cities, regions and digital transformations: opportunities, risks and challenges-* 27-30 August 2019, Lyon, France; Resilience, specialization, human capital and spatial analysis. An unexplored relationship; How Does Internet Access Affect Regional TFP? With Massimo Giannini.

RSA- *Pushing Regions beyond their Borders-* 4-7 June 2019 Santiago de Compostela, Spain; How Does Internet Access Affect Regional TFP?.

2018

ERSA- *Places for People: Innovative, Inclusive and liveable Regions"* 28- 31 August 2018, Cork, Ireland; Regional wage and unemployment in Italy: A spatio-temporal analysis.

AISRe *Le regioni d'Europa tra identità locali, nuove comunità e disparità territoriali*, Bolzano 17-19 settembre. Regional wage and unemployment in Italy: A spatio-temporal analysis; La resilienza nelle regioni italiane: una analisi con panel spazio-temporali; Resilienza e rischio sismico in una destinazione turistica. Percezione e comportamento degli operatori turistici della zona etnea.

2017

SISTUR- *Turismo: Economia, Sostenibilità, Territori e Cultura. In cammino verso le Smart Destinations* –Piacenza 16-17 November; Turismo e rischio sismico. Percezione e resilienza degli operatori turistici etnei.

ERSA- *Social Progress for Resilient Regions* - 29 August-1 September 2017, Groningen, The Netherlands; Resilience, resistance and recoverability, regional economic structure and human capital in Italy. Are they related?; **AISRe** – *Innovazione, sistemi urbani e crescita regionale. Nuovi percorsi di sviluppo oltre la crisi*, Cagliari 20 -22 September, Analysing resilience in the Local Labour Market Areas (LLMAs): the case of Italy.

2016

ERSA -Vienna 24-27 Agosto- “Resilience recovery and regional specialization: the case of Italy”;

AISRe XXXVII -Ancona 20-22 settembre- “Big data e scienze regionali: una relazione ancora inesplorata” & “Resilience, regional industrial specialization and variety”

2015

Marzo: Giornata di studio sulla resilienza organizzata da Barbara Martini e **patrocinata dall'Associazione Italiane di Scienze Regionali (AISRe)**;

RSA 2015 -Piacenza, 24-27 maggio- “Social and Economic Resilience”;

ERSA Lisbona 25-28 Agosto- “Economic Resilience: Italian Provinces”;

AISRe XXXVI -Arcavacata di Rende 14-16 settembre- “Diversità regionale e resilienza economica: una analisi delle province italiane”.

2014

ERSA 2014 *Regional Development & Globalization: Best Practices 54th European Congress of the Regional Science Association International*, St. Petersburg 25 -29 August 2014, “Economic social and environmental resilience: an analysis for the Italian Regions after 2007”;

AISRE XXXV Conference *Uscire dalla crisi. Città, Comunità e Specializzazioni Intelligenti*, Padova 11-13 September 2014, “Resilienza economica e resilienza sociale: una analisi delle regioni italiane dopo la crisi del 2007”.

2013

Società degli Studi Geografici *Terza giornata di studio in geografia economico-politica “oltre la globalizzazione”*, Firenze 6 dicembre 2013, “Una analisi degli elementi di resilienza delle regioni italiane dopo la crisi del 2007”; Workshop on “il Mediterraneo: luoghi e paesaggi tra identità locale ed incertezza globale” University of Rome Tor Vergata (Italy); IV EUGEO Congress *Europe, what's next? Changing geographies and geographies of change*, “Social Cohesion, Social Capital and Regional Disparities: How the Crises Influence the Social Cohesion and the Regional Disparities?” Rome, September 2013.

2012

Organizza, insieme al prof. Di Renzo, e partecipa al convegno interdisciplinare dal titolo: “il ruolo della biodiversità, dell’ambiente e della cultura nello sviluppo sostenibile delle aree rurali” svoltosi presso l’Università degli Studi di Roma Tor Vergata intervenendo sul tema: Il concetto di sostenibilità e il turismo sostenibile; Responsabile della sub- truck di EURAM 2012 Territorial Governance. Truck

principale: Governance of public and non profit organizations.

2011

Percorsi creativi di turismo urbano Catania, 22-24 settembre 2011 “I tavoli di Governance e la Governance territoriale dei Grandi Attrattori Culturali: il caso della Campania”; European Academy of Management (EURAM) Annual Conference, Tallin 1-4 giugno 2011 “Governance of Large Cultural Attractions: the Case of Campania”; ERSAs *New Challenges for European Regions and Urban Areas in a Globalized World*, 51th European Congress of the Regional Science Association International, Barcellona 30 August 3 September 2011 “Cultural Heritage and the governance of the UNESCO sites of Campania”; XV *giornate della Geografia – Geografie d’Italia e d’Europa*- 28-30 May 2011, Università di Roma Tor Vergata “Disparità regionali e territorial governance: un nuovo modo di pensare; kick-off meeting CaDEC (Capitalization and Dissemination on Espon Concepts) Espon Project.

2010

UNICA –*Network of Universities from the Capitals of Europe*–; II giornata della Ricerca Scientifica di Ateneo;

2009

ERSA Territorial Cohesion of Europe & Integrative Planning 49th European Congress of the Regional Science Association International - 25th to 29th of August 2009 - Lodz, Poland, “Sustainable Economic Growth, Development and Social Cohesion: The Lazio Case Study. An Application of STeMA Methodology”; Workshop on: La dimensione economica dell’impresa che fallisce: profili aziendali, giuridici e territoriali”; ESPON meeting: “The Global Economic Crisis, European Regions and Cities”,

2008

XIX CEA (UK) Annual Conference: China's Three Decades of Economic Reform (1978-2008), Cambridge, April 2008 “China and Italy: is China an opportunity to avoid Italian decline?”; ERSAs 2008: Culture, Cohesion and Competitiveness: Regional Perspectives, Liverpool, agosto 2008;

2007

Partecipa al convegno “L’Italia nella competizione tecnologica internazionale” –Roma 16 marzo- “Risorse interne, risorse esterne e diffusione della conoscenza: un’analisi del settore manifatturiero italiano”

2005

Partecipa al quarto *European Meeting on Applied Evolutionary Economics* – Utrecht 3-5 giugno -.

2004

Partecipa alla decima *International Schumpeter Society Conference* sul tema *Innovation, Industrial Dynamics and Structural Transformation: Schumpeterian Legacies*, -Milano 10-12 giugno-.

Roma, April 2025

Barbara Martini

