

Ai fini della pubblicazione

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Decreto Rettore Università di Roma “La Sapienza” n 2688 del 18/10/2023

ROBERTO BASILE Curriculum Vitae

Rome
21/11/2023

Part I – General Information

Full Name	Roberto Basile
E-mail	roberto.basile@univaq.it
Spoken Languages	Italian

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
PhD	1998	University of Naples “Federico II”	PhD Economics
Post-graduate studies	1997	University of Maastricht	M.A. Economics
University graduation	1991	University of Catania	<i>Laurea</i> in Economics

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
2020	today	University of L'Aquila	Full Professor
2018	2020	University of L'Aquila	Associate Professor
2011	2018	Università degli Studi della Campania “Luigi Vanvitelli”	Associate Professor
2019	today	Department of Industrial and Information Engineering and Economics -University of L'Aquila	Member of the “ <i>Giunta</i> ” of the Department

2019	today	Department of Industrial and Information Engineering and Economics -University of L'Aquila	Member of the Research Commission of the Department
2019	2021	Grand Sasso Science Institute (GSSI), L'Aquila	Member of the <i>Dottorato</i> in Urban Studies and Regional Science
2013	2018	University of Perugia	Member of the <i>Dottorato</i> in Economics
2012	2013	University of Naples Parthenope	Member of the <i>Dottorato</i> in Economics

IIIB_a – Other Appointments (Working experience in public and private research centers)

Start	End	Institution	Position
2006	2010	ISAE (Institute for Studies and Economic Analyses), Rome	<i>Dirigente di ricercar</i>
2003	2006	ISAE (Institute for Studies and Economic Analyses), Rome	<i>Primo ricercatore</i>
1999	2003	ISAE (Institute for Studies and Economic Analyses), Rome	<i>Ricercatore</i>
1991	1994	ISVE (Istituto per lo Sviluppo Economico), Rome	<i>Ricercatore</i>

IIIB_b – Other Appointments (Co-ordination of research groups)

Start	End	Institution	Position
1999	2010	ISAE (Institute for Studies and Economic Analyses), Rome	Co-ordination of the Territorial Studies Unit

IIIB_c – Other Appointments (Co-ordination of didactic activities)

Start	End	Institution	Position
2019	today	Department of Industrial and Information Engineering and Economics -University of L'Aquila	Coordinator of the Excellence Path (“Percorso di eccellenza”) on Spatial economics and spatial econometrics for Master students
2015	2018	WU (Vienna University of Economics and Business)	Organizer of the Scientific Workshop on Spatial Econometrics
2007	2014	SSEF (Scuola Superiore dell'Economia e delle Finanze), Rome	Organizer and scientific coordinator of the Master on Applied Econometrics

IIIB_d – Other Appointments (Editorial board membership)

Start	End	Institution	Position
2017	today	Geopolitics Under Globalization	Editorial board member
2014	today	Open Urban Studies Journal	Editorial board member
2007	2012	<i>Scienze Regionali</i> - Italian Journal of Regional Science	Editorial board member

IIIB_e – Other Appointments (Visiting abroad)

Start	End	Institution	Position
2020	2022	Department of Statistics, Universidad Carlos III de Madrid	Visiting scholar
2016	2023	Gdansk University of Technology, Faculty of Management and Economics, Gdansk	Visiting scholar
2012	2014	Departamento de Análisis Económico Edificio ‘Lorenzo Normante’. Facultad de Economía y Empresa María de Luna, Campus ‘Rio Ebro’ Universidad de Zaragoza	Visiting scholar
2005	2006	Regional Economics Application Laboratory, University of Illinois Urbana Champaign	Visiting scholar

IIIB_f – Other Appointments (Conference participation as invited speaker)

1. 2023 11th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Cartagena. Title of the presentation: “The effect of internal migration on regional growth in Italy: a dynamic spatial panel data analysis.”
2. 2017 9th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Cartagena. Title of the presentation: “Spatio-Temporal Autoregressive Semiparametric Models”
3. 2014 7th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Zaragoza. Title of the presentation: “Regional productivity growth in Europe: a Schumpeterian perspective”
4. 2011 4th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Oviedo. Title of the presentation: “Interregional migration and unemployment dynamics: evidence from Italian provinces”
5. 2011 Workshop on Multinational Strategies, Networks and Regional Economic Development organized by Erasmus Research Institute of Management, Rotterdam, 15-16 December. Title of the presentation: “Geoadditive models for regional count data: an application to industrial location”

IIIB_g – Other Appointments (Conference participation as a speaker)

1. 2023 SIE (*Società Italiana degli Economisti*) conference, GSSI, L’Aquila. Title of the presentation: “The effects of the Brexit referendum on intra-EU migration: an analysis of outflows from Italy”
2. 2023 13rd International Conference on “Economics of Global Interactions: New Perspectives on Trade, Factor Mobility and Development”, *Bari (Italy), 11-12 September 2023*. Title of the presentation: “The effects of the Brexit referendum on intra-EU migration: an analysis of outflows from Italy”
3. 2023 SIEDS (*Società Italiana di Demografia e Statistica*) conference, Università di Naples “Federico II”. Title of the presentations: “The effects of the Brexit referendum on intra-EU migration: an analysis of outflows from Italy” and “The effect of internal migration on regional growth in Italy: a dynamic spatial panel data analysis”

4. 2023 SISEC (*Società Italiana di Sociologia Economica*) conference, Università di Brescia. Title of the presentation: "The effect of internal migration on regional growth in Italy: a dynamic spatial panel data analysis"
5. 2022 SIE (*Società Italiana degli Economisti*) conference, Università di Torino. Title of the presentation: "Access to Credit and Economic Complexity: Evidence from Italian Provinces"
6. 2022 SIEPI (*Società Italiana di Economia e Politica Industriale*) conference, Università dell'Aquila. Title of the presentation: "Access to Credit and Economic Complexity: Evidence from Italian Provinces"
7. 2022 SIEP (*Società Italiana di Economia Pubblica*) conference, Università dell'Aquila. Title of the presentation: "Migration responses to earthquakes: evidence from Italy"
8. 2021 11st International Conference on "Economics of Global Interactions: New Perspectives on Trade, Factor Mobility and Development", *Bari (Italy), 13-14 September 2021*. Title of the presentation: "Migration responses to earthquakes: evidence from Italy"
9. 2019 ERSA (*European Regional Science Assoc.*) conference in Lyon. Title of the presentation: "Economic complexity and regional labor productivity distribution: evidence from Italy"
10. 2019 SIE (*Società Italiana degli Economisti*) conference, Università di Palermo. Title of the presentation: "Economic complexity and regional labor productivity distribution: evidence from Italy"
11. 2019 AISRe (*Italian Association of Regional Science*) conference in L'Aquila. Title of the presentation: "Economic complexity and regional labor productivity distribution: evidence from Italy"
12. 2019 10th International Conference on "Economics of Global Interactions: New Perspectives on Trade, Factor Mobility and Development", *Bari (Italy), 9-10 September 2019*. Title of the presentation: "The Impact of Immigration on the Internal mobility of Natives and Foreign-born Residents: Evidence from Italy"
13. 2018 SIE (*Società Italiana degli Economisti*) conference, Università di Bologna. Title of the presentation: "The Impact of Immigration on the Internal mobility of Natives and Foreign-born Residents: Evidence from Italy"
14. 2018 International Conference "The Economy as a Spatial Complex System" Naples, June 21-22. Title of the presentation: "The Impact of Immigration on the Internal mobility of Natives and Foreign-born Residents: Evidence from Italy"
15. 2017 SIE (*Società Italiana degli Economisti*) conference, Università della Calabria. Title of the presentation: "The location of the Italian manufacturing industry, 1871-1911: a sectoral analysis"
16. 2017 9th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Cartagena. Title of the presentation: "A spatial Schumpeterian growth model with CES technology"
17. 2016 SEA (*Spatial Econometrics Association*) in Rome. Title of the presentation: "P-spline and PS-SAR specifications to model spatio-temporal data"
18. 2016 Final conference of the COST Action ("The EU in the new economic complex geography") in Crete. Title of the presentation: "The location of the Italian manufacturing industry, 1871-1911: A sectoral analysis"
19. 2016 SIE (*Società Italiana degli Economisti*) conference in Milano-Bocconi. Title of the presentation: "Spatio-Temporal Autoregressive Semiparametric Models"
20. 2015 8th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Bourgogne. Title of the presentation: "The location of the Italian manufacturing industry, 1871-1911: a sectoral analysis"

21. 2014 MDEF (Dynamics Models in Economics and Finance), Urbino. Title of the presentation: "*Regional productivity growth in Europe: a Schumpeterian perspective*"
22. 2014 INFER Workshop in Urban and Regional Economics in Reus. Title of the presentation: "*Spatial econometrics, Nonlinearities, Semiparametric models*"
23. 2014 AISRe (Italian Association of Regional Science) conference in Padova. Title of the presentation: "*Low-Productivity traps in Europe: a Schumpeterian perspective*"
24. 2014 SIEPI (Società Italiana di Economia e Politica Industriale) conference in Napoli. Title of the presentation: "*Do agglomeration externalities affect firm survival?*"
25. 2013 6th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Madrid. Title of the presentation: "*Modeling regional economic dynamics: spatial dependence, spatial heterogeneity and nonlinearities*"
26. 2013 COST Action ("The EU in the new economic complex geography") workshop in Lisbon. Title of the presentation: "*Modeling regional economic dynamics: spatial dependence, spatial heterogeneity and nonlinearities*"
27. 2013 COST Action ("The EU in the new economic complex geography") workshop in Naples. Title of the presentation: "*Using semiparametric spatial analysis to study economic geography*"
28. 2013 COST Action ("The EU in the new economic complex geography") workshop in Siena. Title of the presentation: "*Semiparametric spatial autoregressive geoadditive models*"
29. 2013 AISRe (Italian Association of Regional Science) conference in Palermo. Title of the presentation: "*Industry structure and employment growth: evidence from semi-parametric geo-additive models*"
30. 2013 SIE (Società Italiana degli Economisti) conference in Bologna. Title of the presentation: "*Semiparametric Spatial Autoregressive Geoadditive Models*"
31. 2012 5th Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Coimbra. Title of the presentation: "*Agglomeration economies, industry structure and employment growth: evidence from semi-parametric geo-additive models*"
32. 2012 CIRET (Centre for International Research on Economic Tendency Surveys) conference in Vienna. Title of the presentation: "*Firm Heterogeneity and Regional Business Cycles Differentials*"
33. 2012 ERSa (European Regional Science Assoc.) conference in Bratislava. Title of the presentation: "*Geoadditive models for regional count data: an application to industrial location*"
34. 2012 AISRe (Italian Association of Regional Science) conference in Roma. Title of the presentation: "*Agglomeration economies, industry structure and employment growth: evidence from semiparametric geo-additive models*"
35. 2012 AIEL (Italian Association on Labour Economics) conference in Santa Maria Capua Vetere. Title of the presentation: "*Agglomeration Economies, Industry Structures and Employment Growth: Evidence from Semi-Parametric Geo-Additive Models*"
36. 2012 SIE (Società Italiana degli Economisti) conference in Matera. Title of the presentation: "*Agglomeration economies and employment growth: evidence from semi-parametric geo-additive models*".
37. 2011 SEA (Spatial Econometrics Association) conference in Toulouse. Title of the presentation: "*Interregional migration and unemployment dynamics: evidence from Italian provinces*"
38. 2011 AISRe (Italian Association of Regional Science) conference in Torino. Title of the presentation: "*Firm Heterogeneity, local externalities and Regional Business Cycles Differentials*"

39. 2011 SIE (*Società Italiana degli Economisti*) conference in Roma. Title of the presentation: "*Firm Heterogeneity, local externalities and Regional Business Cycles Differentials* "
40. 2010 AISRe (*Italian Association of Regional Science*) conference in Aosta. Title of the presentation: "*Sectoral shifts, diversification and regional labour market performance: evidence from local labour systems in Italy*"
41. 2009 SEA (*Spatial Econometrics Association*) conference in Barcellona. Title of the presentation: "*Regional Unemployment Traps in Italy: Assessing the Evidence*"
42. 2009 AISRe (*Italian Association of Regional Science*) conference in Florence. Title of the presentation: "*Regional unemployment dynamics in Italy: evidence and determinants*"
43. 2009 AIEL (*Italian Association on Labour Economics*) conference in Sassari. Title of the presentation: "*Regional Unemployment Traps in Italy: Assessing the Evidence*"
44. 2008 ERSA (*European Regional Science Assoc.*) conference in Liverpool. Title of the presentation: "*Specialization and risk sharing: evidence from European regions*"
45. 2008 SEA (*Spatial Econometrics Association*) conference in New York. Title of the presentation: "*Productivity Polarization Across Regions in Europe: the role of nonlinearities and spatial dependence*"
46. 2008 NARSC (*North American Regional Science Association International*) conference in New York. Title of the presentation: "*Productivity Polarization Across Regions in Europe: the role of nonlinearities and spatial dependence*"
47. 2008 AISRe (*Italian Association of Regional Science*) conference in Bari. Title of the presentation: "*Location choices of foreign firms' business functions in the enlarged Europe*"
48. 2008 SIE (*Società Italiana degli Economisti*) conference in Perugia. Title of the presentation: "*Specialization and Risk Sharing: Evidence from European Regions*"
49. 2007 SEA (*Spatial Econometrics Association*) conference in Cambridge. Title of the presentation: "*Productivity Polarization across Regions in Europe*"
50. 2007 AISRe (*Italian Association of Regional Science*) conference in Bolzano. Title of the presentation: "*Productivity Polarization across Regions in Europe*"
51. 2007 AIEL (*Italian Association on Labour Economics*) conference in Naples. Title of the presentation: "*Productivity Polarization. Across Regions in Europe*"
52. 2006 SEA (*Spatial Econometrics Association*) conference in Rome. Title of the presentation: "*Analyzing Intra-Distribution Dynamics: A Reappraisal*"
53. 2006 NARSC (*North American Regional Science Association International*) conference in Toronto. Title of the presentation: "*Intra-distribution dynamics of regional per capita income in Europe: evidence from alternative conditional density estimators*"
54. 2006 ERSA (*European Regional Science Assoc.*) conference in Volos. Title of the presentation: "*Analyzing Intra-Distribution Dynamics: A Reappraisal*"
55. 2006 AISRe (*Italian Association of Regional Science*) conference in Pisa. Title of the presentation: "*Intra-distribution Dynamics of Regional Per-capita Income in Europe: Evidence from Alternative Conditional Density Estimators*"
56. 2005 ERSA (*European Regional Science Assoc.*) conference in Amsterdam. Title of the presentation: "*Attracting foreign investments in Europe. Are Italian regions doomed?*"
57. 2004 1st Seminar of Spatial Econometrics in honor to Jean Paelinck organized by the University of Zaragoza. Title of the presentation: "*Using Spatial Panel Data Models in Modelling of Regional Growth and Convergence*"

58. 2004 ERSA (*European Regional Science Assoc.*) conference in Porto. Title of the presentation: “Regional Unemployment and Productivity in Europe and the US”
59. 2003 ERSA (*European Regional Science Assoc.*) conference in Jyvaskila. Title of the presentation: “Multiple Regimes in Cross-Region Growth Regressions with Spatial Dependence: A Parametric and a Semi-parametric”
60. 2003 WEAI (*Western Economic Association International*) conference in Denver. Title of the presentation: “Location choice of multinational firms in eight European countries: a conditional and nested logit analysis of firm level data”
61. 2003 SIEP (*Società Italiana di Economia Pubblica*) conference in Pavia. Title of the presentation: “Non linearità e dinamica della dimensione d’impresa in Italia: esiste la soglia dei 15 dipendenti?”
62. 2002 WEAI (*Western Economic Association International*) conference in Seattle. Title of the presentation: “*Acquisition vs. Greenfield Investments: The Location of Foreign Manufacturers in Italy*”
63. 2002 EEA (*European Economic Association*) conference in Venezia. Title of the presentation: “Spatial Dependence and Non-linearities in Regional Growth Behavior in Italy”

IIIB_h – Other Appointments (Seminars)

1. 2020 Title of the seminar (on line): *The spatial extent of network externalities in international migration*, University of Cagliari, May, 15
2. 2013 Title of the seminar: *Modeling regional economic dynamics: spatial dependence, spatial heterogeneity and nonlinearities*: University of Lisbon, 26-28 March; University of Ferrara, 10 June; Cattolica University of Milan (Piacenza), 11-12 June; University of Cagliari, 28 June
3. 2012 Title of the seminar: *Firm heterogeneity and regional business cycle differentials*, University of Pisa
4. 2011 Title of the seminar: *Geoadditive models for regional count data: an application to industrial location*, Politecnico of Milan, 8 November
5. 2011 Title of the seminar: *Greenfield Foreign Investments in European Regions: Evidence from a Negbin Additive Model*, University of Zaragoza, 2 March
6. 2010 Title of the seminar: *Interregional migration and unemployment dynamics: evidence from Italian provinces*, University of Salerno 2010 and at University of Pisa
7. 2009 Title of the seminar: *L’attrazione di imprese estere in Italia e nel Mezzogiorno: ruolo delle politiche nazionali e regionali*, at Invitalia, Rome
8. 2009 Title of the seminar: *Regional unemployment traps in Italy: assessing the evidence*, at University of Venice
9. 2007 Title of the seminar: *Productivity polarization across regions in Europe*, at University of Perugia 2007 and at University LUISS
10. 2006 Round Table on “*Attracting Foreign Direct Investment in the South*” at Istituto di Studi Filosofici. Naples
11. 2005 Title of the seminar: *Analyzing Intra-distribution Dynamics: a Reappraisal, and Location Choices of Multinational Firms in Europe: the Role of National Boundaries and EU Policy*, REAL (Regional Economics Applications Laboratory), at University of Illinois at Urbana-Champaign
12. 2004 Title of the seminar: *Location Choices of Multinational Firms in Europe: the Role of National Boundaries and EU Policy* at University of Catania
13. 2004 Title of the seminar: *Regional Unemployment, productivity and trade in Europe and the US* at University of Catania

14. 2004 Title of the seminar: *Semi-parametric Spatial Auto-covariance Models of Regional Growth Behaviour in Europe* at University of Catania
15. 2003 Title of the seminar: *Regional convergence in Europe*, at University of Salerno
16. 2001 Title of the seminar: *Location of foreign firms in Italy*, at University of Urbino
17. 1998 Title of the seminar: *Integration and Technological Capability: some Evidence from the Italian Case*, at University of Calabria

Part IVa – Teaching experience ABROAD

Year	Institution	Lecture/Course
From 2016 to 2023	Gdansk University of Technology, Faculty of Management and Economics, Gdansk, Poland	Postgraduate course on “ <i>Economic Geography</i> ”, 45 hours
From 2016 to 2018	WU (Vienna University of Economics and Business), Vienna, Austria	PhD course on “ <i>Spatial econometrics</i> ”
2015	WU (Vienna University of Economics and Business), Vienna, Austria	Winter Training School on “ <i>Spatial econometrics</i> ”, organized by the <i>COST action on Geocomplexity</i> .
2015	Gdansk University of Technology, Faculty of management and Economics, Gdansk, Poland	PhD course on “ <i>Industrial dynamics, innovation and regional growth in Europe: theory and empirical evidence</i> ”
2014	University of Essex (UK)	PhD course on “ <i>Spatial econometrics</i> ”

Part IVb – Teaching experience IN ITALY

Year	Institution	Lecture/Course
Since 2018	University of L’Aquila	Economic Policy
Since 2018	University of L’Aquila	International Economics
Since 2018	University of L’Aquila	Regional Economics
From 2017 to 2019	LUISS Guido Carli, Rome	Microeconomics
From 2016 to 2017	LUISS Guido Carli, Rome	Industrial Dynamics
From 2010 to 2018	Università degli Studi della Campania “Luigi Vanvitelli”, Capua	Industrial Economics

From 2013 to 2018	Università degli Studi della Campania “Luigi Vanvitelli”, Capua	Industrial Location Theory
From 2010 to 2012	Università degli Studi della Campania “Luigi Vanvitelli”, Capua	Regional Economics
From 2004 to 2010	Università degli Studi di Macerata	Regional Economics
Since 2017	LUISS, Rome	Course for PhD students on Introduction to spatial econometrics
2020	FEEM, Milan	Course for PhD students on Introduction to spatial econometrics
From 2014 to 2016	University of Perugia	Course for PhD students on Introduction to spatial econometrics
2011 and 2013	University of Trento	Winter School on Spatial Econometrics
From 2007 to 2014	<i>Scuola Superiore di Economia e Finanza (SSEF)</i>	Teacher of “Spatial Econometrics”, “Nonparametrics” and “Introduction to econometrics using R” at the Master on Applied Econometrics

Part V - Society memberships, Awards and Honors

Year	Title
2012	Isaac Kerstenetzky award (during the CIRET conference in Vienna) for the contribution as co-author of the paper entitled “ <i>Firm Heterogeneity and Regional Business Cycle Differentials</i> ”, which was chosen as the Best Paper (awarded every two years)
Since 2008	Member of the <i>Società Italiana degli Economisti</i>
Since 2003	Member of the <i>European Regional Science Association</i>
Since 2003	Member of the <i>Società Italiana di Economia Pubblica</i>
Since 2007	Member of the <i>Italian Association on Labour Economics</i>
Since 2006	Member of the <i>Italian Association of Regional Science</i>
Since 2007	Member of the <i>Spatial Econometrics Association</i>

Part VI - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2023	"From banking diversity to local sustainable development and inclusive growth: Lessons from Italy and cross-country comparisons". Associate investigator. Duration: 24 months	PRIN 2022 PNRR D.D. MUR no. 1376	35,000 euros
2023	"Reloading city: a new systemic approach to urban and territorial regeneration". Associate investigator. Duration: 24 months	PRIN 2022 D.D. MUR no. 104/2	38.680 euros
From 2012 to 2016	"The EU in the new economic complex geography: models, tools and policy evaluation" (GECOMPLEXITY). Member and in charge of the research unit of Spatial Econometrics within the project	European Research Project ISCH-COST 1104	NA
From 2011 to 2013	"Production, R&D and knowledge offshoring: economic analyses and implications for Italy". Member. Duration: 36 months	PRIN 2009	NA

Part VII – Research Activities

Keywords

Brief Description

Migration	Since 2007, I have collaborated with various scholars in analyzing the determinants and effects of international and internal migration. From the perspective of determinants, I analyzed the response of migration flows to several exogenous shocks that have occurred in the economy over the past three decades. In particular, I studied (i) the internal migration behavior in Italy before and after the closure of the Cassa per il Mezzogiorno, which encouraged several southern workers to move to the North and abroad (with Marco Causi); (ii) the migration response to the last devastating earthquakes in Italy (with Francesca Licari and Francesca Centofanti); (iii) the internal migration response to the regularizations of foreign immigrants in Italy (with Luca De Benedictis and Alessandra Faggian); (iv) the network (diaspora) effect on foreign immigrants' location choices (with Francesca Licari and Nicola Coniglio); (v) nonlinear migration responses to interregional wage differentials in line with the "option value of waiting" theory (with Jaewon Lim); and (vi) the impact of Brexit on Italian migration flows abroad (work in progress with F. Licari). In these studies, I have extensively applied gravity models and their extensions to account for spatial dependence effects, nonlinearities, and spatial heterogeneity. From the perspective of migration effects, I analyzed the effect of skill-selective internal migration on (i) regional unemployment (with Alessandro Girardi, Marianna Mantuano, and Giuseppe Russo) and (ii) regional productivity growth (work in progress with Francesca Licari and Francesca Centofanti).
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Finally, I have started a new project on the effect of migration on population aging, in collaboration with Francesca Licari and Francesca Centofanti. Like other Western European countries, Italy is experiencing an unprecedented increase in the elderly population, which is not sufficiently supported by the increase in the working-age population. We want to assess whether migration can be a key factor in counteracting the consequences of aging due to the younger age of migrants.

Natural disasters

In addition to the above analysis of the migration effects of earthquakes, I also examined the effects of earthquakes on some local labor market outcomes, such as employment rate and sectoral composition of employment (in collaboration with Francesca Licari, Luisa Giallonardo, Lelio Iapadre, and Maria Ladu). In these analyses, we used counterfactual methods, such as Diff-In-Diff and synthetic control methods.

Finally, I am pursuing a new research project supported by the Italian government through PRIN 2022 on the demographic impact of earthquakes.

Agglomeration economies

I examined the effect of agglomeration economies—that is, industrial specialization, diversification, and economic complexity - on firm survival (in collaboration with Filippo Reganati and Rosanna Pittiglio), employment growth (with Rosanna Pittiglio and Cristiana Donati), risk sharing (with Alessandro Girardi) and productivity growth (with Gloria Cicerone).

I am also pursuing a new research project supported by the Italian government through the PRIN 2022 PNRR on the effect of agglomeration economies on manufacturing firms' access to credit, focusing on the role of industrial diversity (which generates a portfolio effect that allows banks to offset losses incurred from financing failed investment projects) and economic complexity (which allows banks to better select the most successful investment projects).

Regional growth

I analyzed regional productivity growth and convergence by exploring the role of spatial spillovers and nonlinearities through semiparametric spatial autoregression models. I also used the intra-distributive dynamics approach to examine the polarization of regional labor productivity and regional per capita incomes. Finally, I combined the two techniques (spatial semiparametric models and intra-distribution dynamics) in order to identify through counterfactual analysis the impact of some potential determinants of polarization.

Spatial econometrics

I have made some methodological contributions to the literature on spatial econometrics through the development of new semiparametric spatial autocorrelation models and a new R package (pspatreg), in collaboration with Maria Durban of the Universidad Carlos III (Madrid) and Roman Minguez of the Universidad Castilla La Mancha (Cuenca).

Economic history

I collaborated with Carlo Ciccarelli on two research projects on Italian economic history in the post-unification period. In the first paper, we studied the relative importance of factor endowment (mainly water abundance) and market potential as drivers of industrial location in Italy during the period 1871-1911, when the manufacturing industry shifted from artisanal to factory production processes.

In the second paper, we examined the effects of the heterogeneous spatial spread of literacy during the post-unification period (1871-1911) on the economic performance of Italian provinces 100 years later.

Firm heterogeneity	During my period at ISAE, I collaborated with Sergio De Nardis and Carmine Pappalardo on a couple of research projects aimed at testing the role of firm heterogeneity in the economy. First, we built a pricing-to-market model with firm heterogeneity, horizontal and vertical differentiation, and different tastes of consumers in destination markets. We derived the firm's pricing behavior in response to price and quality competition shocks. We empirically assessed the main predictions of our theoretical framework on Italian firm-level data. Second, we analyzed the effect of firm heterogeneity on regional business cycle differentials. Using monthly firm-level data for Italy and estimating discrete-response models, we documented sizeable and countercyclical differences in amplitude between the Northern and the Southern business cycles. We provided evidence that firm-level heterogeneity explains 50% of this gap.
Firm location choice	One of my first research topics was the analysis of the determinants of the location of multinational firms in Europe. Using count data and discrete choice models, I examined, in collaboration with Davide Castellani, the role of EU cohesion policy, national boundaries, institutional factors, and the relative attractiveness of Italian regions.

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	37 (of which 27 in <i>Fascia A</i>)	Catalogo IRIS Ateneo https://ricerca.univaq.it/	2001	2023
Papers [national]	17	Catalogo IRIS Ateneo https://ricerca.univaq.it/	1993	2022
Books chapters [scientific]	23	Catalogo IRIS Ateneo https://ricerca.univaq.it/	2001	2018
Books [teaching]	2	Catalogo IRIS Ateneo https://ricerca.univaq.it/	2020	2023

	Google Scholar	SCOPUS
Total Impact factor		
Total Citations	3697	1168
Average Citations per Product		26
Hirsch (H) index	28	15
Normalized H index*		
I10 index	61	

*H index divided by the academic seniority.

Part IX– Selected Publications

List of the 15 publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any).

- Basile R., Centofanti F., Giallonardo L., Licari F. (2023), Migration responses to earthquakes: evidence from Italy, *Italian Economic Journal*, doi: 10.1007/s40797-023-00226-6. Impact Factor: 1.2. Cited by 3

<https://doi.org/10.1007/s40797-023-00226-6>

- 2 Basile R., Giallonardo L., Iapadre L., Ladu G., Persio R. (2023), The local labor market effects of earthquakes, *Regional Studies*, p. 1-14, doi: 10.1080/00343404.2023.2187045. Impact Factor: 4.6. Cited by 1
<https://doi.org/10.1080/00343404.2023.2187045>
- 3 Basile R., Coniglio N., Licari F. (2023), Distance from diasporas and immigrants' location choices: evidence from Italy, *Spatial Economic Analysis*, 18(1), 108-125, doi: 10.1080/17421772.2022.2077417. Impact Factor: 2.3. Cited by 1
<https://www.tandfonline.com/doi/full/10.1080/17421772.2022.2077417?journalCode=rsea20>
- 4 Basile R., Cicerone G. (2022), Economic Complexity and Productivity Polarization: Evidence from Italian Provinces, *German Economic Review*, 23(4), 567-594, doi: [10.1515/ger-2021-0070](https://doi.org/10.1515/ger-2021-0070), ISBN/ISSN/DBID: 1468-0475. Impact Factor: 1.1. Cited by 6
<https://www.degruyter.com/document/doi/10.1515/ger-2021-0070/html>
- 5 Basile R., Ciccarelli C., Groote P. D. (2022), The legacy of literacy: evidence from Italian regions, *Regional Studies*, 56, p. 794-807, doi: 10.1080/00343404.2021.1926960. Impact Factor: 4.6. Cited by 11
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Working papers and work in progress

- Basile, Centofanti, and Licari (2024), *The effect of internal migration on regional growth in Italy: a dynamic spatial panel data analysis*, Submitted paper
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