

PERSONAL INFORMATION

Piano Mortari, Andrea



✉ piano.mortari@economia.uniroma2.it andreapm@pec.it

🌐 https://andreapm1977.github.io/andreapm_web/

🌐 <https://github.com/Andreapm1977>

🆔 **ORCID** [0000-0002-7220-2352](https://orcid.org/0000-0002-7220-2352)

Gender male | Date of birth February 12th, 1977 | Nationality Italian

WORK EXPERIENCE

Dates	March 2022 →
Occupation or position held	Assistant Professor of Economics
Main activities and responsibilities	Micro Health Econometrics, Microsimulation
Name and address of employer	Department of Economics and Finance, University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	April 2021 - February 2022 (On leave)
Occupation or position held	Economic and Financial Officer
Main activities and responsibilities	Economic and budget analysis
Name and address of employer	<i>Direzione Generale della Programmazione - Ufficio IV</i> - Ministry of Health
Type of business or sector	Public agency
Dates	August 2019 - November 2020
Occupation or position held	Senior Consultant
Main activities and responsibilities	Micro Health Econometrics, Microsimulation
Name and address of employer	Ministry of Health - via Giorgio Ribotta, 5 - 00144 Roma
Type of business or sector	Public agency
Dates	March 2019 - March 2020
Occupation or position held	Researcher
Main activities and responsibilities	Micro Health Econometrics, Surveys
Name and address of employer	AGENAS - via Puglie, 23 - 00187 Roma
Type of business or sector	Public agency
Dates	March 2017 - March 2019
Occupation or position held	Postdoc Researcher
Main activities and responsibilities	Micro Health Econometrics, Microsimulation
Name and address of employer	CEIS Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	December 2017 - December 2018
Occupation or position held	Consultant
Main activities and responsibilities	Development of the Rural Livelihoods Information System platform and data analysis
Name and address of employe	Food and Agriculture Organization of the United Nations. Via delle Terme di Caracalla. Rome, Italy
Type of business or sector	International Organizations
Dates	August 2016-February 2017
Occupation or position held	Consultant
Main activities and responsibilities	Development of the Diabetic Kidney Disease and Renal Cancer modules for the THEMIS microsimulation model

Name and address of employer	Precision Health Economics, LLC. 1100 Santa Monica bld, Los Angeles, CA.
Type of business or sector	Private Company
Dates	February 2016 - March 2017
Occupation or position held	Postdoc Researcher
Main activities and responsibilities	Microsimulation
Name and address of employer	National Research Council - Institute for Research on Population and Social Policies (IRPPS)
Type of business or sector	Research institute
Dates	April 2010 - February 2016
Occupation or position held	Postdoc Researcher
Main activities and responsibilities	Micro Health Econometrics, Microsimulation
Name and address of employer	CEIS Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	February-July 2015
Occupation or position held	Consultant
Main activities and responsibilities	Analyse the overall concepts of vulnerability, resilience and adaptive capacity in relation to climate change literature
Name and address of employer	Food and Agriculture Organization of the United Nations. Via delle Terme di Caracalla. Rome, Italy
Type of business or sector	International Organizations
Dates	August 2013 - December 2013
Occupation or position held	Consultant
Main activities and responsibilities	Develop a systematic approach that explores the vulnerability of farm level productivity and welfare to various aspects of climate patterns
Name and address of employer	Food and Agriculture Organization of the United Nations. Via delle Terme di Caracalla. Rome, Italy
Type of business or sector	International Organizations
Dates	July2013 - September 2013
Occupation or position held	Consultant
Main activities and responsibilities	Develop a methodology to reduce the WEAI index dimensionality
Name and address of employer	International Fund for Agricultural Development. Via Paolo di Dono, 44. Rome, Italy
Type of business or sector	International Organizations
Dates	October 2007 - July 2008
Occupation or position held	Economic editor
Main activities and responsibilities	interviews with high-level governmental officials, coverage of both national and international institutional events related with economic activity, editing of economic news and analysis.
Name and address of employer	SherpaTV. Via della Gatta. Rome, Italy
Type of business or sector	Education

TEACHING

Dates	February 2024 →
Occupation or position held	Lecturer in Microeconomics
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics and Finance. University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	February 2023 →
Occupation or position held	Lecturer in Research Methods for Social Science Research
Main activities and responsibilities	Teach. Prepare and grade exams

Name and address of employer	Department of Economics and Finance. University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	September 2020 - September 2022
Occupation or position held	Lecturer in Health Economics
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics and Finance. University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	September 2020 -September 2021
Occupation or position held	Lecturer in Statistical Computing (STATA Module)
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics and Finance. University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	October 2008 - July 2014
Occupation or position held	Teaching assistant for the undergraduate course in Microeconomics
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics, Institutions and Law, University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	April 2013 - July 2013
Occupation or position held	Lecturer Stata graduate course
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics, Institutions and Law, University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	October 2009 - June 2011
Occupation or position held	Teaching assistant for the graduate course in General Equilibrium
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics, Institutions and Law, University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	October 2009 - June 2011
Occupation or position held	Teaching assistant for the graduate course in Game Theory
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	Department of Economics, Institutions and Law, University of Rome Tor Vergata. Via Columbia,2. Rome, Italy
Type of business or sector	Education
Dates	November 2009 - December 2009
Occupation or position held	Lecturer for the graduate course in International Economic Relations
Main activities and responsibilities	Teach. Prepare and grade exams
Name and address of employer	LUISS - Guido Carli. Viale Romania, 32. Rome, Italy
Type of business or sector	Education

EDUCATION

Dates	July 2012
Title of qualification awarded	Ph. D.

Principal subjects/Occupational skills covered	Economics, Econometrics, Health Economics, Finance
Name and type of organization providing education and training	University of Rome Tor Vergata
Level in national or international classification	8
Dates	September 2004 - October 2005
Title of qualification awarded	M. Sc.
Principal subjects/Occupational skills covered	Economics, Econometrics, Development Economics, Finance
Name and type of organization providing education and training	University of Rome Tor Vergata
Level in national or international classification	7
Dates	August - October 2002
Title of qualification awarded	Summer School on Latin American Economies
Principal subjects/Occupational skills covered	Development Economics, Growth
Name and type of organization providing education and training	United Nation Commission for Latin America and the Caribbean (UN-CEPAL). Santiago, Chile
Dates	February - July 2000
Title of qualification awarded	Erasmus Program
Principal subjects/Occupational skills covered	Economics, Management
Name and type of organization providing education and training	Hogeschool Holland, Amsterdam, Holland
Dates	July 2004
Title of qualification awarded	B. Sc
Principal subjects/Occupational skills covered	Economics, Econometrics, Finance, Law, Management
Name and type of organization providing education and training	University of Rome Tor Vergata
Level in national or international classification	6

TRAINING

Dates	November 2015
Title	InGRID Autumn School on Elaborating a discrete-time dynamic microsimulation model with LIAM2
Principal subjects/Occupational skills covered	Microsimulation, LIAM2, Econometrics
Name and type of organization providing education and training	Luxembourg Institute of Socio-Economic Research
Dates	July 2015
Title	CIdE Summer School on Big Data and High-Dimensional Econometric
Principal subjects/Occupational skills covered	Machine learning, Big Data, Econometrics
Name and type of organization providing education and training	Bank of Italy
Dates	July - October 2005
Title of qualification awarded	Internship

Principal subjects/Occupational skills covered	Econometrics, Economics
Name and type of organization providing education and training	ISAE - Institute of Economic Analysis
Dates	October - December 2002
Title of qualification awarded	Practicante Profesional
Principal subjects/Occupational skills covered	Fair trade, Development Economics
Name and type of organization providing education and training	United Nation Commission for Latin America and the Caribbean (UN-CEPAL). Santiago, Chile
Dates	May - July 2002
Title of qualification awarded	Internship
Principal subjects/Occupational skills covered	Development Economics, Foreign Aid
Name and type of organization providing education and training	Ministry of Foreign Affairs, Aid and Development Directorate

PERSONAL SKILLS AND COMPETENCES

Mother tongue Italian

Other language(s)

English	C2	C2	C2	C2	C2
French	C2	C2	C2	C2	C1
Spanish	B1	B2	B1	B1	A2

Social skills and competences

Extremely organised person; Excellent abilities for synthetic and global views over concrete situations; Good communication and presentation skills gained during various talks; Result-oriented work capacity; Problem-solving attitude and skills; Responsibility, Self-respect and self-reliance; Strong referential values of fairness, equity and dignity ; Team spirit gained during the participation in various international research projects; Good ability to adapt to and work in new multicultural environments acquired by living and studying in a foreign country in an international environment.

Organisational skills and competences

Large experience in team and project management being involved in project coordination, responsible of different work packages and tasks.

Computer skills and competences

OS: MacOSX, Windows (Server 2003/2008/2012/2016, 7, Vista, XP); **Stat-programming:** Advanced Stata and Mata; Knowledge of R and C++ **Word processing:** MS Word, LATEX; **Pre-sentation - drawing:** LATEX beamer, MS Powerpoint, Adobe Photoshop. **GIS:** QGIS, GRASS.

Other skills and competences

Cooking, reading, skydiving, climbing

Driving licence(s)

B

ARTICLES

Atella, V., Belotti, F., Giaccherini, M., Medea, G., Nicolucci, A., Sbraccia, P., & **Piano Mortari, A.** (2024). Lifetime costs of overweight and obesity in Italy. *Economics & Human Biology*, 53, 101366.

- Atella, V., Belotti, F., Giaccherini, M., Medea, G., **Piano Mortari, A.**, Sbraccia, P., & Nicolucci, A. (2024). The interplay between excess weight and hyper-glycemia on ncds in italy: Results from a cross-sectional study. *Acta Diabetologica*.
- Belotti, F., Campioni, E., Larocca, V., Marazzi, F., Panaccione, L., & **Piano Mortari, A.** (2024). Coordination failure in experimental banks of different sizes. *Journal of Behavioral and Experimental Finance*, 44, 101000.
- Atella, V., Belotti, F., Cricelli, C., Giaccherini, M., Medea, G., Nicolucci, A., **Piano Mortari, A.**, & Sbraccia, P. (2023). Outpatient healthcare costs associated with overweight and obesity in italy. *BMC Health Services Research*, 23(1), 619.
- Belotti, F., Kopinska, J., Palma, A., & **Piano Mortari, A.** (2022). Health status and the great recession. evidence from electronic health records. *Health Economics*, 31(8), 1770–1799.
- Marazzi, F., **Piano Mortari, A.**, Belotti, F., Carrà, G., Cattuto, C., Kopinska, J., Paolotti, D., & Atella, V. (2022). Psychotropic drug purchases during the COVID-19 pandemic in Italy and their relationship with mobility restrictions. *Scientific Reports*, 12(1), 19336.
- Ronkainen, J., Nedelec, R., Atehortua, A., Balkhiyarova, Z., Cascarano, A., Ngoc Dang, V., Elhakeem, A., van Enckevort, E., Goncalves Soares, A., Haakma, S., Halonen, M., Heil, K. F., Heiskala, A., Hyde, E., Jacquemin, B., Keikkala, E., Kerckhoffs, J., Klåvus, A., **Piano Mortari, A.**, ... Sebert, S. (2022). Longitools: Dynamic longitudinal exposure trajectories in cardiovascular and metabolic noncommunicable diseases. *Environmental Epidemiology*, 6(1).
- Yu, J. C., Tysinger, B. C., **Piano Mortari, A.**, Belotti, F., Ryan, M., Atella, V., & Goldman, D. P. (2022). The returns to preventing chronic disease in europe and the united states. *Journal of Human Capital*, 16(1), 157–182.
- Atella, V., Belotti, F., Kim, D., Goldman, D., Gracner, T., **Piano Mortari, A.**, & Tysinger, B. (2021). The future of the elderly population health status: Filling a knowledge gap. *Health Economics*, 30(S1), 11–29.
- Atella, V., Belotti, F., Chapel, J., Hashimoto, H., Kasajima, M., Peneva, D., **Piano Mortari, A.**, Tysinger, B., & Van Nuys, K. (2020). Pcv36 the future burden of heart disease in europe, japan, and the united states. *Value in Health*, 23, S493.
- Piano Mortari, A.**, Atella, V., & Belotti, F. (2020). Pdb39 assessing the impact of new anti diabetics drugs: A dynamic microsimulation approach. *Value in Health*, 23, S512.
- Atella, V., **Piano Mortari, A.**, Kopinska, J., Belotti, F., Lapi, F., Cricelli, C., & Fontana, L. (2019). Trends in age-related disease burden and healthcare utilization. *Aging Cell*, 18(1), e12861.

Atella, V., Belotti, F., Bojke, C., Castelli, A., Grašič, K., Kopinska, J., **Piano Mortari, A.**, & Street, A. (2018). How health policy shapes health-care sector productivity? evidence from Italy and UK. *Health Policy*.

Belotti, F., Hughes, G., & **Piano Mortari, A.** (2017). Spatial panel data models using Stata. *The Stata Journal*, 17(1), 139–180.

Atella, V., Kopinska, J., Medea, G., Belotti, F., Tosti, V., **Piano Mortari, A.**, Cricelli, C., & Fontana, L. (2015). Excess body weight increases the burden of age-associated chronic diseases and their associated health care expenditures. *Aging*, 7(10), 882–892.

Atella, V., Belotti, F., Depalo, D., & **Piano Mortari, A.** (2014). Measuring spatial effects in the presence of institutional constraints: The case of Italian local health authority expenditure. *Regional Science and Urban Economics*, 49(100), 232–241.

Atella, V., Battaggia, A., Belotti, F., Brignoli, O., Cricelli, C., Filippi, A., Giustini, S., Pasqua, A., Medea, G., & **Piano Mortari, A.** (2011). La (nuova) nota 13 AIFA e i suoi effetti professionali, clinici ed economici. *Disease Management*.

BOOKS

Atella, V., Kopinska, J., & **Piano Mortari, A.** (2021). *L'emergenza covid e il nuovo mondo che verrà*. Egea.

REPORTS

Atella, V., Belotti, F., Blaylock, B., Goldman, D., **Piano Mortari, A.**, & Tysinger, B. (2017). Preventing ageing unequally. OECD Publishing.

Atella, V., Belotti, F., Conti, V., Kopinska, J., & **Piano Mortari, A.** (2012). Il sistema sanitario in controllo. Franco Angeli.

Atella, V., Belotti, F., Kopinska, P., J. Lischio, & **Piano Mortari, A.** (2011). Il sistema sanitario in controllo. Franco Angeli.

WORKING PAPERS

Belotti, F., Ilardi, G., & **Piano Mortari, A.** (2019). *Estimation of stochastic frontier panel data models with spatial inefficiency* (CEIS Research Paper No. 459). Tor Vergata University, CEIS.

Atella, V., Belotti, C., F. and Cricelli, Dankova, D., Kopinska, J., Palma, A., & **Piano Mortari, A.** (2017, February). *The “Double Expansion of Morbidity” Hypothesis: Evidence from Italy* (CEIS Research Paper No. 396). Tor Vergata University, CEIS.

Atella, V., Belotti, F., Carrino, L., & **Piano Mortari, A.** (2017, May). *The future of long term care in Europe. an investigation using a dynamic microsimulation model* (CEIS Research Paper No. 405). Tor Vergata University, CEIS.

Asfaw, S., **Piano Mortari, A.**, Arslan, A., Karfakis, P., & Lipper, L. (2016). *Welfare impacts of climate shocks: evidence from Uganda* (EPIC Working Papers). FAO.

CONFERENCES AND SEMINARS

Dates	September 2012
Conference/Seminar	Italian Association of Regional Science Conference. Rome, Italy
Dates	October 2012
Conference/Seminar	Italian Economic Association conference. Matera, Italy
Dates	November 2012
Conference/Seminar	Italian Association of Health Economics. Rome, Italy
Dates	December 2012
Conference/Seminar	Health Econometrics Workshop. Siena, Italy
Dates	February 2013
Conference/Seminar	Royal Economic Society conference. London, UK
Dates	March 2013
Conference/Seminar	Spatial Econometrics Seminars at the Catholic University of Rome (Department of Economics)
Dates	June 2013
Conference/Seminar	German Stata Users Meeting. Potsdam, DE
Dates	November 2013
Conference/Seminar	Italian Stata Users Meeting. Florence, Italy
Dates	July 2014
Conference/Seminar	liHEA and ECHE Congress. Dublin, Ireland
Dates	August 2015
Conference/Seminar	International Conference on Agricultural Economics. Milan, Italy
Dates	October 2015
Conference/Seminar	Italian Association of Health Economics. Alghero, Italy
Dates	November 2015
Conference/Seminar	SHARE User Conference. Esch-sur-Alzette. Luxembourg
Dates	June 2016
Conference/Seminar	VII Workshop on Institutions, Individual Behaviour and Economic Outcomes. Alghero, Italy
Dates	July 2016
Conference/Seminar	American-European Health Economics Study Group. Rome, Italy (Organizing Committee)
Dates	September 2016
Conference/Seminar	European Meeting of the International Microsimulation Association. Budapest, Hungary
Dates	October 2016
Conference/Seminar	Italian Association of Health Economics. Bologna, Italy
Dates	October 2017
Conference/Seminar	Italian Association of Health Economics. Pavia, Italy
Dates	October 2018
Conference/Seminar	Italian Association of Health Economics. Naples, Italy
Dates	October 2019
Conference/Seminar	Italian Association of Health Economics. Pisa, Italy
Dates	September 2020
Conference/Seminar	Italian Association of Labour Economics. Virtual
Dates	October 2021

Conference/Seminar	Italian Association of Health Economics. Milan, Italy
Dates	October 2021
Conference/Seminar	International Microsimulation Association. Virtual
Dates	December 2023
Conference/Seminar	Italian Association of Health Economics. Rome, Italy
Dates	June 2024
Conference/Seminar	Paula Rantakallio Symposium on Birth Cohorts and Longitudinal Studies. Oulu, Finland
Dates	November 2024
Conference/Seminar	SHARE-Gateway User Conference. Berlin, Germany
Dates	December 2024
Conference/Seminar	Italian Association of Health Economics. Naples, Italy

RESEARCH PROJECTS

2024	PI "Forecasting the Impact of Dementia and Alzheimer's in Europe Using Dynamic Microsimulation" with Masaryk University. Center for Advancing Sociodemographic and Economic Study of Alzheimer's Disease and Related Dementias (CeASES-ADRD) at the University of Southern California. Grant Number: SCON-00006874
2024	Local Unit Leader and WP-Co Leader Horizon Europe STAGE project. Grant Number: 101137146
2023	Local Unit Leader and WP-Co Leader Horizon Europe OBELISK project. Grant Number: 101080465
2023	Co-Investigator. National Recovery and Resilience Plan: DARE - DIGITAL LIFELONG PREVENTION
2023	Co-Investigator. National Recovery and Resilience Plan: GRINS - Growing Resilient, INclusive and Sustainable
2020	Co-Investigator H2020 LONGITOOLS Project: study and measure how longitudinal exposure to environmental factors contribute to the risk of developing chronic conditions across the life-course. Grant Number: 874739
2020	H2020 BATModel Project: Better Agri-food Trade Modelling for policy Analysis. Grant Number: 861932
2020	"The medium and long term psychological consequences of the COVID-19 pandemic" with University of Milano Bicocca - ISI Foundation - One Health Centre of Excellence, University of Florida
2016	National Health Institute-National Research Council: Patterns of care and cost profiles of cancer patients in Italy (EPICOST)
2016	Ministry of Health, Department of Programming: Development of microsimulation tools for policy impact evaluation using patient level data.
2016	Ministry of Health, Department of Prevention: The disease burden of respiratory diseases in Italy
2016	ABBVIE: Extension of EU-FEM to simulate social policies at EU level
2015	OECD: Ageing Unequally Project
2015	Schaeffer Center of the University of Southern California and OECD: A Global Microsimulation Model for the Elderly Population
2014	Ministry of Health, SIVEAS, Department of Programming: Definition of a new capitation formula for financial resource allocation in Italy
2014	ABBVIE: Construction and implementation of a dynamic micro-simulation model for the health care systems at EU level
2012	Ministry of Health, SIVEAS, Department of Programming: Hospital performance indicators.
2010	Ministry of Health, SIVEAS, Department of Programming: Econometric model for public health expenditure and for the definition of standard costs.

ADDITIONAL INFORMATION

Positions

- 2023 → Summer School: "Markets and Governments: a Theoretical Appraisal". Organizing Committee.
2016-2019 Visiting Scholar Schaeffer Center of the University of Southern California

Referee

- Journal Empirical Economics, Health Economics, International Journal of Microsimulation, Spatial Economic Analysis, The Journal of the Economics of Ageing, Inquiry, Social Science and Medicine, International Journal of Environmental Research and Public Health, Exposome
Research Agencies Dutch Research Council, Servizio Sanitario Regionale Emilia Romagna

Expertise

- Ministero dell'Università e della Ricerca National Scientific qualification as associate professor in the Italian higher education system, in the call 2021/2023 for the disciplinary field of 13/A3 - Public economics. (Academic Recruitment Field 13/A - Economics, according to the national classification).
Ministero dell'Università e della Ricerca National Scientific qualification as associate professor in the Italian higher education system, in the call 2023/2025 for the disciplinary field of 13/A2 - Economic Policy. (Academic Recruitment Field 13/A - Economics, according to the national classification).
National Agency for regional health services (AGENAS) Economic / Management - Legal / Administrative and Management training (Area 1)
National Agency for regional health services (AGENAS) Research and International Relations (Area 5)