# PERSONAL INFORMATION Piano Mortari, Andrea



- <u> piano.mortari@economia.uniroma2.it</u> andreapm@pec.it
- https://andreapm1977.github.io/andreapm\_web/
- https://github.com/Andreapm1977
- © ORCID 0000-0002-7220-2352

Gender male | Date of birth February 12<sup>th</sup>, 1977 | Nationality Italian

# **WORK EXPERIENCE**

March 2022 → Dates

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

April 2021 - February 2022 (On leave) Dates

Occupation or position held Economic and Financial Officer Main activities and responsibilities Economic and budget analysis

Name and address of employer Direzione Generale della Programmazione - Ufficio IV - Ministry of Health

Type of business or sector Public agency

> August 2019 - November 2020 Dates

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

> March 2019 - March 2020 Dates

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,

Type of business or sector International Organizations

> August 2016-February 2017 Dates

Occupation or position held Consultant

Main activities and responsibilities Development of the Diabetic Kidney Disease and Renal Cancer modules for the THEMIS mi-

crosimulation 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

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  $\rightarrow$ 

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  $\rightarrow$ 

Occupation or position held Lecturer in Research Methods for Social Science Research

Main activities and responsibilities 
Teach. Prepare and grade exams

# Piano Mortari, Andrea

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

> September 2020 - September 2022 Dates

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

Education Type of business or sector

> **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

> April 2013 - July 2013 Dates

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

> November 2009 - December 2009 Dates

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

Education Type of business or sector

**EDUCATION** 

July 2012 Dates

Title of qualification awarded Ph. D.

Principal subjects/Occupational Economics, Econometrics, Health Economics, Finance

skills covered

Name and type of organization University of Rome Tor Vergata

providing education and training

Level in national or international 8

classification

Dates September 2004 - October 2005

Title of qualification awarded M. Sc.

Principal subjects/Occupational Economics, Econometrics, Development Economics, Finance

skills covered

providing education and training

Level in national or international 7 classification

Dates August - October 2002

Title of qualification awarded Summer School on Latin American Economies

Principal subjects/Occupational Development Economics, Growth

skills covered

Name and type of organization United Nation Commission for Latin America and the Caribbean (UN-CEPAL). Santiago, Chile providing education and training

Dates February - July 2000

Title of qualification awarded Erasmus Program

Principal subjects/Occupational Economics, Management

skills covered

Name and type of organization Hogeschool Holland, Amsterdam, Holland

providing education and training

Dates July 2004

Title of qualification awarded B. Sc

Principal subjects/Occupational Economics, Econometrics, Finance, Law, Management

skills covered

Name and type of organization University of Rome Tor Vergata

providing education and training

Level in national or international 6

classification

**TRAINING** 

Dates November 2015

Title InGRID Autumn School on Elaborating a discrete-time dynamic microsimulation model with

LIAM2

Principal subjects/Occupational Microsimulation, LIAM2, Econometrics

skills covered

Name and type of organization 
Luxembourg Institute of Socio-Economic Research

providing education and training

Dates July 2015

Title CldE Summer School on Big Data and High-Dimensional Econometric

Principal subjects/Occupational Machine learning, Big Data, Econometrics

skills covered

Name and type of organization Bank of Italy

providing education and training

Dates July - October 2005

Title of qualification awarded Internship

Principal subjects/Occupational

Econometrics, Economics

skills covered

Name and type of organization providing education and training

ISAE - Institute of Economic Analysis

October - December 2002

Title of qualification awarded

Practicante Profesional

Principal subjects/Occupational skills covered

Fair trade, Development Economics

Name and type of organization

United Nation Commission for Latin America and the Caribbean (UN-CEPAL). Santiago, Chile

providing education and training

May - July 2002 Dates

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 English

French Spanish

C2	C2	C2	C2	C2
C2	C2	C2	C2	C1
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; Resultoriented 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; Presentation - drawing: LATEX beamer, MS Powerpoint, Adobe Photoshop. GIS: QGIS, GRASS.

Other skills and competences

Cooking, reading, skying, climbing

Driving licence(s)

## PEER-REVIEWED

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 crosssectional 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 exposome 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 controluce. Franco Angeli.

Atella, V., Belotti, F., Kopinska, P., J. Lischio, & **Piano Mortari**, **A.** (2011). Il sistema sanitario in controluce. 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. aand 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 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 IiHEA 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

Principal Investigator, "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 at the University of Southern California. Grant Number: SCON-00006874

- 2024 Local Unit Leader and WP4 Co-Leader, Horizon Europe "Stay Healthy Through Ageing (STAGE)" project. Grant Number: 101137146
- 2023 Local Unit Leader and WP1 Co-Leader, Horizon Europe "Fighting childhood obesity to stay healthy all over the life (OBELISK)" project. Grant Number: 101080465
- 2023 Co-Investigator, "Digital Lifelong Prevention (DARE). National Recovery and Resilience Plan
- 2023 Co-Investigator, Growing Resilient, Inclusive and Sustainable (GRINS). National Recovery and Resilience Plan
- 2020 Co-Investigator H2020, "Dynamic longitudinal exposome trajectories in cardiovascular and metabolic Non-communicable diseases (LONGITOOLS) project". Grant Number: 874739
- 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**

2024 → Member of the Scientific Council, "Developing and Implementing Tools for Data-Driven Decision-Making in Health and Social Care: Utilizing Microsimulation and a Modular eHealth System (DECIDE)". Technology Agency of the Czech Republic. Project ID: TQ12000018

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 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 National Scientific qualification as associate professor in the Itali

à e della National Scientific qualification as associate professor in the Italian higher education system, in Ricerca the call 2023/2025 for the disciplinary field of 13/A2 - Economic Policy. (Academic Recruitment

Field 13/A - Economics, according to the national classification).

services (AGENAS)

National Agency for regional health Research and International Relations (Area 5)

services (AGENAS)