



Personal information

Name / Surname

Personal Email

Nationality

Gender

Vincenzo Mauro

vincenzo.mauro@unimc.it

Italian

Male

Current Position

Associate Professor
Dipartimento di Scienze Politiche, Comunicazione e Relazioni Internazionali
Università di Macerata
e-mail: vincenzo.mauro@unimc.it
<http://docenti.unimc.it/vincenzo.mauro>
<https://www.researchgate.net/profile/Vincenzo-Mauro>

Education

Venue

Date

Title

Department of Statistics - University of Florence

January 2005 - March 2008

PhD in Applied Statistics (SECS S/01 – XX ciclo) Grade A.

Thesis: "Metodi statistici per la valutazione di politiche: il caso della regione toscana"

Tutor: prof. Fabrizia Mealli (Università di Firenze), CoTutor: prof. Constantine Frangakis (Johns Hopkins University, Baltimore). ISCED 6

Venue

Date

Title

University of Florence

April 2004

Degree in Statistics (110/110 cum laude)

Thesis: "Frailty models: metodi di stima econometrici applicati a modelli demografici"

Tutor: Prof. G. Calzolari (Università di Firenze), coTutor: Prof S. Salvini (Università di Firenze). ISCED 5

Research interests

- Poverty measurement
- Composite indexes
- Causal inference
- Educational Poverty

Academic appointments

March 2023

2020-2023

2017-2020

2014-2017

2011-2014

2011-2014

Associate Professor - Department of Political Science, University of Macerata

Assistant professor (senior) - Department of Political Science, University of Macerata

Assistant professor (junior) - Department of economics, University of Pisa

Senior Researcher - Arcolab

Senior researcher - UCL, University of London

Postdoctoral research grant - Department of economics, University of Florence

Selected Publications

- Mauro V, Biggeri, M, Krishnakumar J (2022). "Eat AND Study but Wii OR Ski! Differentiating between 'basic' and 'non-basic' dimensions in a multidimensional index". *Social Indicators Research* (ANVUR Area 13/D1 – Rivista di Classe A)
- Mauro V , Schirripa Spagnolo F, Salvati N (2021). "Generalised M-quantile random-effects model for discrete response: An application to the number of visits to physicians", *Biometrical Journal*, doi: 0.1002/bimj.202000180. (ANVUR Area 13/D1 – Rivista di Classe A)
- Mauro V, Giusti C, Marchetti S, Pratesi M (2021). "Does uncertainty in single indicators affect the reliability of composite indexes? An application to the measurement of environmental performances of Italian regions", *Ecological Indicators* (ANVUR Area 13/D1 – Rivista di Classe A)
- Mauro V , Biggeri M, Bortolotti L, (2021). "The Analysis of Well-being using the Income-adjusted Multidimensional Synthesis of Indicators: The Case of China", *The Review of Income and Wealth*, pp. 1-21, ISSN:1475-4991 (ANVUR Area 13/D1 – Rivista di Classe A)
- Mauro V., Biggeri M. (2018) "Tracking the SDGs in an 'integrated' manner: A Proposal for a New Index to capture synergies and trade-offs between and within goals", *World Development*, Vol 122, 628-647. doi: 10.1016/j.worlddev.2019.05.022 (ANVUR Area 13 – Rivista di Classe A).
- Mauro V., Biggeri M. (2018). *Sustainable Human Development Measurement Issues: A New Proposal*. In F. Comim, S. Fennell, and P. Anand (Eds.), *New Frontiers of the Capability Approach* (pp. 314-328). Cambridge: Cambridge University Press. doi:10.1017/9781108559881.014
- Mauro V., Biggeri M. (2018) "Towards a more 'Sustainable' Human Development Index: Integrating the Environment and Freedom", *Ecological Indicators* doi: 10.1016/j.ecolind.2018.03.045 (ANVUR Area 13 – Rivista di Classe A).
- Mauro V., Biggeri M., Ferrannini A. (2018), "La povertà e il benessere multidimensionale: una prospettiva di Sviluppo Umano Sostenibile", in Mauro V., Biggeri M., Maggino F., *Analisi del Benessere e della povertà multidimensionale nello sviluppo umano sostenibile*, Pacini editore, Pisa. ISBN: 978-88-6995-427-6
- Mauro V., Biggeri M., Clark D., Mehrotra S. (2018), "La scelta delle dimensioni per l'analisi del benessere e della povertà", in Mauro V., Biggeri M., Maggino F., *Analisi del Benessere e della povertà multidimensionale nello sviluppo umano sostenibile*, Pacini editore, Pisa. ISBN: 978-88-6995-427-6
- Mauro V., Biggeri M., Maggino F. (2018), "Metodi di aggregazione: MPI e MSI", in Mauro V., Biggeri M., Maggino F., *Analisi del Benessere e della povertà multidimensionale nello sviluppo umano sostenibile*, Pacini editore, Pisa. ISBN: 978-88-6995-427-6
- Mauro V., Biggeri M. (2018), "Sviluppo umano sostenibile a livello di paese: l'indice di Sviluppo Umano Sostenibile multidimensionale", in Mauro V., Biggeri M., Maggino F., *Analisi del Benessere e della povertà multidimensionale nello sviluppo umano sostenibile*, Pacini editore, Pisa. ISBN: 978-88-6995-427-6
- Mauro V., Biggeri M., Arciprete C. (2018, sotto revisione), "Do overlapping identities matter for development programs? The case of Community-Based Rehabilitation Program in Karnataka", "Under Review" nel *Journal: Economic Development and Cultural Change*. (ANVUR Area 13 – Rivista di Classe A).

- Mauro V, Biggeri M., Maggino F. (2016), "Measuring and Monitoring Poverty and Well-Being: a New Approach for the Synthesis of Multidimensionality", *Social Indicator Research*. doi:10.1007/s11205-016-1484-. (ANVUR Area 13 – Rivista di Classe A).
- Mauro V., Biggeri M. (2018), "Measuring Sustainable Human Development Across Countries: the Multidimensional Human Development Index" in "The capability of capabilities", Cambridge: Cambridge University Press.
- Mauro V, Biggeri M., Maggino F. (2016), "Measuring and Monitoring Poverty and Well-Being: a New Approach for the Synthesis of Multidimensionality", *Social Indicator Research*. doi:10.1007/s11205-016-1484-. (ANVUR Area 13 – Rivista di Classe A).
- Mauro V., Biggeri M., Grilli L. (2015), "Does Community-Based Rehabilitation Enhance the Multidimensional Well-Being of Deprived Persons With Disabilities? A Multilevel Impact Evaluation", *World Development*, Vol 76, 190–202. (ANVUR Area 13 – Rivista di Classe A).
- Mauro V., Biggeri M., Deepak S., Trani JF. (2014), "The effectiveness of community-based rehabilitation programmes: an impact evaluation of a quasi-randomised trial", *Journal of Epidemiology and Community Health*, 68(11), 1102-8 (ANVUR Area 13 – Rivista di Classe A).
- Mauro V. (2014), "Developing and testing tools to measure youth capabilities: theoretical rationales and empirical procedures within a cross-national pilot survey project", *Social Work and Society*, Special Issue.
- Mauro V. (2014), *EduWel Survey Final Report. EduWel Pilot Survey and Scientific Results (Del. 8)*. In: Gottuck S./Otto H.U: Marie Curie ITN EduWel Periodic and Final Report (GA nr. 238646).
- Biggeri M., Ferrannini A., Mauro V., Bellandi M. (2014), "Gli indici di sviluppo locale umano applicati ai territori toscani", in Bellandi M., Caloffi A. (eds), *I nuovi distretti industriali. Rapporto di Artimino sullo sviluppo locale 2012-13*, Il Mulino, Bologna.
- Biggeri M., Deepak S., Mauro V., Trani J.F., Kumar J. Y. B. (2014), "Do Community-Based Rehabilitation programs promote the participation of persons with disabilities? A case control study from Mandya District, in India", *Journal of Disability and Rehabilitation*, Special edition for anniversary of the annual launch of the World Disability Report (WHO).
- Trani J.F., Biggeri M. and Mauro V. (2013). "The Multidimensionality of Child Poverty: Evidence from Afghanistan". *Social Indicators Research*, 112(2), 391–416. (ANVUR Area 13 – Rivista di Classe A).
- Deepak S., Biggeri, M., Mauro, V., Kumar J., Griffo G. (2013), "Impact of community-based Rehabilitation on Persons with Different Disabilities", *Disability, CBR and Inclusive Development Journal (DCIDJ)*, 24(4), 5-23.
- Biggeri M., Deepak S., Mauro V., Trani J.-F., Kumar J. Y. B., Ramasamy P., Bakhshi P. and Giriappa R. (2012), *Impact of Community-Based Rehabilitation (CBR) Programs for Persons with Disability in Mandya District (Karnataka, India)*, AIFO Health Cooperation Volume 18, India, Bangalore. 9788890710810.
- Mauro V. et al.,(2012), *Transforming education for girls in Nigeria: Endline research summary report*; ActionAid/IOE.
- Biggeri M. and Mauro V. (2011), "Child Poverty Measurement: the Case of Afghanistan", Working paper, n° 18/2011, Dipartimento di Scienze Economiche, Università di Firenze.

- Mauro V. et al (2011), "Indagine sul progetto di vita", in M. Biggeri , N. Bellanca (eds.) (2011), *L'approccio delle capability applicato alla disabilità: dalla teoria dello sviluppo umano alla pratica*. Report/Dossier progetto UMANAMENTE, Sviluppo Umano (EuropeAID).
- Biggeri M., Ferrannini A., Mauro V. (2011), "L'analisi dello sviluppo umano e sostenibile a livello locale", Report/Dossier progetto UMANAMENTE, Sviluppo Umano (EuropeAID).
- Mauro V. et al (2011), "Le traiettorie di sviluppo umano e sostenibile a livello locale e la loro misurazione", in M. Biggeri , A. Ferrannini, V. Mauro, *L'analisi dello sviluppo umano e sostenibile a livello locale*, Report/Dossier progetto UMANAMENTE, Sviluppo Umano (EuropeAID).
- Ferrannini A., Mauro V., Bellucci M. e Biggeri M. (2011), "Il caso di studio delle province toscane" in M. Biggeri , A. Ferrannini, V. Mauro (2011), *L'analisi dello sviluppo umano e sostenibile a livello locale*, Report/Dossier progetto UMANAMENTE, Sviluppo Umano (EuropeAID).
- Biggeri M., Deepak S., Mauro V., Trani J.-F., Kumar J. Y. B., Ramasamy P., Bakhshi P. and Giriappa R. (2011), *Impact of Community-Based Rehabilitation (CBR) Programs for Persons with Disability in Mandya District (Karnataka, India)*, AIFO
- Biggeri M., and Mauro V. (2011), Statistical Appendix of the chapter Biggeri, M., Mehrotra S. "Child Poverty as Capability Deprivation: How to Choose Domains of Child Well-being and Poverty" in M. Biggeri, J. Ballet, F. Comim (eds), *Children and the capability approach*, Palgrave Macmillan.
- Biggeri M., and Mauro V. (2011), Statistical Appendix of the chapter Biggeri, M. and Libanora R. (2011), "From Valuing to Evaluating: Tools and Procedures to Operationalize the Capability Approach" in M. Biggeri, J. Ballet, F. Comim (eds), *Children and the capability approach*, Palgrave Macmillan.
- Mauro V. (2010), "Analisi di impatto dei programmi di aiuto", in Biggeri M., Canitano G. (Eds) (2010), *Temi avanzati di economia e politica della cooperazione internazionale allo sviluppo*, FrancoAngeli, Milano.
- Biggeri M. and Mauro V. (2010), "Comparing Human Development Patterns Across Countries: Is it Possible to Reconcile Multidimensional Measures and Intuitive Appeal?", Working paper, n° 15/2010, Dipartimento di Scienze Economiche, Università di Firenze.
- Biggeri M., Trani J.F. and Mauro V. (2009), "The Multidimensionality of Child Poverty: an Empirical Investigation on Children of Afghanistan", Working paper, OPHI Oxford Poverty and Human Development Initiative.
- Mauro V. (2008) "Metodi statistici per la valutazione d'impatto di politiche per le imprese: il caso della regione Toscana". Tesi di Dottorato XX ciclo, SECS S/01– Dipartimento di Statistica, Università di Firenze
- Mattei, A. and Mauro V. (2007) "Analisi e Valutazione delle politiche di Sostegno alle Imprese Artigiane della Toscana", IRPET, Firenze

Conferences

- V. Mauro, M. Biggeri and A. Ferrannini (2018), "Tracking SDGs in an integrated manner: Enhancing the SDG Index to capture synergies and trade-offs", Sustainability and Development Conference 2018, University of Michigan – Ann Arbor, (MI, USA), 9-11 Novembre 2018
- V. Mauro, M. Pratesi, et al. (2018), "Designing Textile Industrial Districts using Equity Maps", Conference of European Statistics Stakeholders 2018, Bamberg (Germany), 17-19 Ottobre 2018
- V. Mauro, M. Biggeri, J. Krishnakumar (2018) "Tailoring Poverty Measures to the Capability Approach: Unlocking the Potential of the Multidimensional Synthesis Indicator (MSI)", 3rd Cambridge Capability Conference, Cambridge (UK), 22-23 Giugno 2018
- V. Mauro, m. Biggeri (2017) "Measuring Sustainable Human Development: Analysing Patterns Across Countries throughout the Multidimensional Human Development Index", HDCA 2017 Conference - Challenging Inequalities: Human Development and Social Change University of Cape Town (South Africa), 6-8 Settembre 2017
- V. Mauro, M. Biggeri , C. Arciprete (2016), "Do overlapping identities matter for development programs? The case of Community-Based Rehabilitation Program in Karnataka", SIE 2016 57.ma RIUNIONE SCIENTIFICA ANNUALE, Università "L.Bocconi" di Milano, 20-22 Ottobre 2016.
- V. Mauro, M. Biggeri , C. Arciprete (2016), "Do overlapping identities matter for development programs? The case of Community-Based Rehabilitation Program in Karnataka", SITES, UCW and ICID "Gender and the Labour Market Workshop", Università di Tor Vergata , 2 October 2016.
- V. Mauro, M. Biggeri , C. Arciprete (2016), "Do overlapping identities matter for development programs? The case of Community-Based Rehabilitation Program in Karnataka", SITES 2016, Conference "Models and policies for human development and sustainable growth", Florence (Italy), 29-30 September 2016.
- V. Mauro, M. Biggeri , F.Maggino (2016), " Measuring and Monitoring Poverty and Wellbeing: Introducing a new class of indexes for the synthesis of multidimensionality ", SITES 2016, Conference "Models and policies for human development and sustainable growth", Florence (Italy), 29-30 September 2016.
- V. Mauro, M. Biggeri , C. Arciprete (2016), "Do overlapping identities matter for development programs? The case of Community-Based Rehabilitation Program in Karnataka", HDCA 2016 Conference "Capability and Diversity in a Global Society" , Tokyo, Japan, September 1–3, 2016.
- V. Mauro, M. Biggeri , F.Maggino (2016), " Measuring and Monitoring Poverty and Wellbeing: Introducing a new class of indexes for the synthesis of multidimensionality ", Cambridge Capability Conference, University of Cambridge, 13-14 June 2016.
- V. Mauro, M. Biggeri, L.Grilli (2015) " Does Community-Based Rehabilitation Enhance the Multidimensional Well-Being of Deprived Persons With Disabilities? A Multilevel Impact Evaluation"; 56th Società Italiana degli Economisti, SIE Annual Conference – University Parthenope - 23 October 2015
- V. Mauro, M. Biggeri, L.Grilli (2014) " Measuring the impact of community-based rehabilitation programs: a quasi-randomised trial with a multilevel analysis" First SITES/IDEAs Annual Conference - Società Italiana degli Economisti dello Sviluppo Florence, September, 11 December 2014.

- V. Mauro, M. Biggeri, L.Grilli (2014), “ Measuring the impact of community-based rehabilitation programs: a quasi-randomised trial with a multilevel analysis” Measuring Human Development and Capabilities in High-Income Countries Roma Tre University, 14-15 April, 2014.
- V.Mauro (2013), “The operationalization of CA through a Principal Component Analysis approach”, seminar presented at EduWel VI Workshop, Umea University, Umea, Sweden, February 10-15, 2013.
- V. Mauro, M.Bellandi, M. Biggeri, A.Ferrannini (2012) “ Measuring Patterns of Sustainable Human and Development at the Local Level: the Case of Tuscany Region’s Provinces” Conference of the HDCA , Jakarta, Indonesia, September 5-7, 2012
- V.Mauro (2012), “Questionnaire Development and Scale development”, seminar presented at EduWel V Workshop, Poznan University, Poznan, Poland, January 28-31, 2012.
- V.Mauro, M.Biggeri (2011), “Measuring patterns of local human and sustainable development”, paper presented at New Directions in Welfare II, Joint OECD-Universities’ Congress, Paris, July 6-8, 2011
- V.Mauro, M.Biggeri (2010), "Planning through the capability approach: quest for qualitative and quantitative methods integration?", International seminar on the application of the capability approach in the field of development planning, HDCA, University College of London, UCL, London, 15-16 January 2010.
- V.Mauro, M.Biggeri (2010), “Local Human Sustainable Development: a Key Strategy for the Twenty-First Century”, 20 years of human development: the past and the future of the HDI, St Edmund’s College, University of Cambridge, UK, January 28-29, 2010.
- V.Mauro, M.Biggeri (2009), “Child QoL and Poverty: Limits and strengths in Objective and Subjective approaches in an Empirical Investigation” paper presented at the IX ISQOLS Conference, Quality of Life Studies: measures and goals for the progress of societies, (Firenze, 19-23 July 2009).
- V.Mauro, M.Biggeri, J.F. Trani (2009), “Multidimensional indicators for child poverty: the determination of the cutoffs”, paper presented at the XLVI Scientific meeting of the SIEDS Poverty and social exclusion, Firenze, May 28-30, 2009.
- V.Mauro, M.Biggeri, J.F. Trani (2009), “The Multidimensionality of Child Poverty: an Empirical Investigation on Children of Afghanistan”, paper presented at the Pontificia Universidad Católica del Perú (Lima, Perú, 10-12 September 2009).
- V.Mauro (2009), “Measuring the impact of Community-Based Rehabilitation Programmes in Mandya District (Karnataka, India)”, paper presented at the First reunion of the scientific committee AIFO Bangalore, India, 15-17 April, 2009.
- V. Mauro, A. Mattei , F. Mealli, B. Pacini (2008), “Using instrumental variables in the evaluation of financial aids to Tuscan handicraft firms”, Evaluating the Impact of Public Interventions: Methods and Case Studies”, Final Workshop, Sardinia, Italy, 8-9 September 2009.

Current teaching

2020-now

Statistics – 8CFU, Bachelor L-36 - Università di Macerata

2020-now

Quantitative Methods for survey and evaluation – 8CFU, Master's Degree LM-62 -
Università di Macerata

National Scientific Qualifications

2021

Associate Professor, Area 13/D1 (Statistics)

2018

Associate Professor, Area 13/D2 (Economic Statistics)

2018

Associate Professor, Area 13/D3 (Social Statistics)

Language spoken

mother tongue

Italiano

Other languages

English, Spanish

*Self-assessment
European level^(*)*

English

Spanish

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C2
B2	B2	B2	B2	B2

^(*) Common European Framework of Reference (CEF) level