MAURO MUSSINI

CONTACTS

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EDUCATION

05/04/2004 Degree in Economics, University of Milan - Bicocca.

21/02/2008 PhD in Statistics, University of Milan - Bicocca.

CURRENT ACADEMIC POSITION

From November 2021: Associate Professor of Economic Statistics, Department of Economics, Management and Statistics (DEMS), University of Milan - Bicocca.

PREVIOUS ACADEMIC POSITIONS

November 2018 – October 2021: Tenure track Assistant Professor (RTD-b) of Economic Statistics, Department of Economics, Management and Statistics (DEMS), University of Milan - Bicocca.

October 2013 – September 2018: Non-tenure track Assistant Professor (RTD-a) of Economic Statistics, Department of Economics, University of Verona.

RESEARCH INTERESTS

Income inequality, poverty measurement, energy economics, tourism economics.

PUBLICATIONS IN REFEREED JOURNALS

1) ANDREOLI, F., MUSSINI, M., PRETE, V., ZOLI, C. (in corso di stampa). Urban poverty: Measurement theory and evidence from American cities. THE JOURNAL OF ECONOMIC INEQUALITY, ISSN: 1569-1721.

2) GROSSI, L., MUSSINI, M. (2021). Seasonality in tourist flows: Decomposing and testing changes in seasonal concentration. TOURISM MANAGEMENT, 84 (June 2021), ISSN: 0261-5177.

3) MUSSINI, M. (2020). An index decomposition analysis of tourism demand change. ANNALS OF TOURISM RESEARCH, 85, ISSN: 0160-7383.

4) MUSSINI, M. (2020). Inequality and Convergence in Energy Intensity in the European Union. APPLIED ENERGY, 261, ISSN: 0306-2619.

5) MARIANI, P., MARLETTA, A., MUSSINI, M., ZENGA, M. (2020). Professional Profiles and Job Requirements in Labour Demand: An Analysis of the Italian Information Technology Sector. SOCIAL INDICATORS RESEARCH (Online First Articles), ISSN: 0303-8300.

6) MARIANI, P., MARLETTA, A., MUSSINI, M., ZENGA, M., GRAMMATICA, E. (2020). A missing value approach to social network data: "Dislike" or "Nothing"? COMPUTATIONAL MANAGEMENT SCIENCE, 17(4), 569-583, ISSN: 1619-697X.

7) GARAVAGLIA, C., MUSSINI, M. (2020). What Is Craft? - An Empirical Analysis of Consumer Preferences for Craft Beer in Italy. MODERN ECONOMY, 11(6), 1195-1208, ISSN: 2152-7245.

8) MUSSINI M. (2019) A spatial decomposition of the shift-share components of labour productivity inequality in Italy. PAPERS IN REGIONAL SCIENCE, 98(1), 283-306, ISSN: 1435-5957.

9) MUSSINI M. (2018) On measuring polarization for ordinal data: an approach based on the decomposition of the Leti index. STATISTICS IN TRANSITION NEW SERIES, vol. 19, No. 2, pp. 277-296, ISSN: 1234-7655.

10) GROSSI L., MUSSINI M. (2018) A spatial shift-share decomposition of electricity consumption changes across Italian regions. ENERGY POLICY, vol. 113, pp. 278-293, ISSN: 0301-4215.

11) GROSSI L., MUSSINI M. (2017) Inequality in Energy Intensity in the EU-28: Evidence from a New Decomposition Method. THE ENERGY JOURNAL, vol. 38, pp. 1-18, ISSN: 0195-6574.

12) MUSSINI M. (2017) Decomposing Changes in Inequality and Welfare Between EU Regions: The Roles of Population Change, Re-Ranking and Income Growth. SOCIAL INDICATORS RESEARCH, vol. 130, pp. 455-478, ISSN: 0303-8300.

13) MUSSINI M. (2016) On measuring income polarization: an approach based on regression trees. STATISTICS IN TRANSITION NEW SERIES, vol. 17, pp. 221-236, ISSN: 1234-7655.

14) MUSSINI M., ZAVANELLA B. (2015) Measuring bipolarization in labour productivity in Italy: a new index and its decomposition by sectors and regional factors. RIVISTA DI ECONOMIA E STATISTICA DEL TERRITORIO, n. 3, pp. 29-55, ISSN: 1971-0380.

15) MUSSINI M., GROSSI L. (2015) Decomposing changes in CO_2 emission inequality over time: The roles of re-ranking and changes in per capita CO_2 emission disparities. ENERGY ECONOMICS, vol. 49, pp. 274-281, ISSN: 0140-9883.

16) MUSSINI M. (2014) Decomposing inequality change from the perspective of reranking and income growth between income groups. EMPIRICAL ECONOMICS, vol. 47, pp. 619-637, ISSN: 0377-7332.

17) MARIANI P., MUSSINI M. (2014) L'integrazione di dati amministrativi e campionari per arricchire i sistemi informativi di marketing nel farmaceutico: evidenze empiriche legate al record linkage. MICRO & MACRO MARKETING, n. 2, pp. 295-317, ISSN: 1121-4228.

18) MARIANI P., FALOTICO R., ZAVANELLA B., MUSSINI M. (2014) Outsourcing in the Italian NHS: a Measure of Mismatch Between Private and Public Operators. SYMPHONYA Emerging Issues in Management, n. 1, pp. 1-15, ISSN: 1593-0319.

19) MUSSINI M. (2013) A subgroup decomposition of the inequality change over time. APPLIED ECONOMICS LETTERS, vol. 20, pp. 386-390, ISSN: 1350-4851.

20) MUSSINI M. (2013) A matrix approach to the Gini index decomposition by subgroup and by income source. APPLIED ECONOMICS, vol. 45, pp. 2457-2468, ISSN: 0003-6846.

21) MARIANI P., MUSSINI M. (2013) A new coefficient of economic valuation based on utility scores. ARGUMENTA OECONOMICA, vol. 30, pp. 33-46, ISSN: 1233-5835.

22) MUSSINI M. (2013) On decomposing inequality and poverty changes over time: A multi-dimensional decomposition. ECONOMIC MODELLING, vol. 33, pp. 8-18, ISSN: 0264-9993.

23) MUSSINI M., ZENGA M. (2013) A longitudinal decomposition of Zenga's new inequality index. STATISTICA & APPLICAZIONI, vol. 11, pp. 63-77, ISSN: 1824-6672.

24) MARIANI P., MUSSINI M., ZAVARRONE E. (2011) Measuring dissimilarity in learning capital using time trajectories. STATISTICA APPLICATA, vol. 23; pp. 103-113, ISSN: 1125-1964.

25) MUSSINI M., CROSATO L., MARIANI P., ZAVANELLA B. (2011) L'abbinamento dei dati da fonti diverse: una proposta per integrare dati amministrativi e campionari a livello locale. RIVISTA DI ECONOMIA E STATISTICA DEL TERRITORIO, n. 3, pp. 87-114, ISSN: 1971-0380.

26) MARIANI P., MUSSINI M., ZAVANELLA B. (2011) Servizi pubblici per l'impiego e imprese: un'analisi della relazione tra preselezione e job matching. RIVISTA DI ECONOMIA E STATISTICA DEL TERRITORIO, n. 1, pp. 106-132, ISSN: 1971-0380.

27) MONTI M.G., VERNIZZI A., MUSSINI M. (2010) The decomposition of the Atkinson-Plotnick-Kakwani re-ranking measure. STATISTICA APPLICATA, vol. 22, pp. 177-198, ISSN: 1125-1964.

28) MUSSINI M. (2010) On the link between Silber and Dagum decompositions of the Gini index. STATISTICS IN TRANSITION NEW SERIES, vol. 11, pp. 597-614, ISSN: 1234-7655.

PUBLICATIONS IN BOOKS AND CONFERENCE PROCEEDINGS

1) GROSSI, L., MUSSINI, M. (2019). Seasonality in tourist flows: a decomposition of the change in seasonal concentration. In Smart Statistics for Smart Applications, Book of Short Papers SIS 2019, pp. 913-918, ISSN: 9788891915108.

2) ANDREOLI F., MUSSINI M. (2018) Changes in poverty concentration in U.S. urban areas. Book of Short Papers SIS 2018, pp. 450-457, ISBN: 9788891910233.

3) ANDREOLI F., MUSSINI M. (2017) A spatial decomposition of the change in urban poverty concentration. Proceedings of the Conference of the Italian Statistical Society: Statistics and Data Science: new challenges, new generations, Florence, June 28-30 2017, pp. 59-64, ISBN: 9788864535210.

4) GROSSI L., MUSSINI M. (2016) A spatial shift-share decomposition of energy consumption variation. Proceedings of the XLVIII Scientific Meeting of the Italian Statistical Society, Salerno, June 8-10 2016, pp. 1-6, ISBN: 9788861970618.

5) CROSATO L., MUSSINI M., MARIANI M., ZAVANELLA B. (2014) Linking Administrative Tax Records and Survey Expenditure Data at the Local Level. In: F. Crescenzi, S. Mignani (eds.), *Statistical Methods and Applications from a Historical Perspective*, Studies in Theoretical and Applied Statistics, pp. 153-162, ISBN: 978-3-319-05551-0.

6) MUSSINI M. (2012) An income mobility measure based on Zenga's inequality index. Proceedings of the XLVI Scientific Meeting of the Italian Statistical Society, Rome, June 20-22 2012, pp. 1-4. PADOVA: CLEUP.

7) MARIANI P., MUSSINI M., ZAVARRONE E. (2011) The Measure of Economic Re-Evaluation: A Coefficient Based on Conjoint Analysis. In: S. Ingrassia et al. (eds.), *New Perspectives in Statistical Modeling and Data Analysis*, Studies in Classification, Data Analysis, and Knowledge Organization, pp. 85-92. BERLIN HEIDELBERG: Springer-Verlag, ISBN: 978-3-642-11362-8.

8) MUSSINI M., CROSATO L., MARIANI P., ZAVANELLA B. (2011) Linking Administrative Tax Records and Survey Expenditure Data at the Local Level. Proceedings of the Intermediate Scientific Meeting of the Italian Statistical Society, La Statistica nei 150 anni dall'Unità d'Italia, Bologna, June 8-10 2011. Bologna, Quaderni di Dipartimento - Alma Mater Studiorum, pp. 1-4, ISSN: 1973-9346.

9) MINOTTI S., MUSSINI M., ZAVANELLA B. (2010) Simulazione dell'impatto di alcuni sistemi fiscali europei sui redditi delle famiglie milanesi. In: M. Mezzanzanica e B. Zavanella (a cura di), *I numeri della città. Un quadro socio-economico del comune di Milano sulla base di fonti amministrative*, pp. 181-221, Milano: FrancoAngeli, ISBN: 978-88-568-2356-1.

10) VERNIZZI A., MONTI M.G., MUSSINI M. (2010) A Gini and Concentration Index Decomposition with an Application to the APK Reranking Measure. Proceedings of the

XLV Scientific Meeting of the Italian Statistical Society, Padua, June 16-18 2010, pp. 1-8. PADOVA: CLEUP, ISBN: 978-88-6129-566-7.

11) MARIANI P., MUSSINI M., ZAVANELLA B. (2009) Tax systems simulation using integrated administrative data. In: *Statistical methods for the analysis of large data sets*, pp. 455-458. PADOVA: CLEUP, ISBN: 978-88-6129-425-7.

WORKING PAPERS

ANDREOLI F., MERTENS A., MUSSINI M., PRETE V., Understanding trends and drivers of urban poverty in American cities, revised and resubmitted to *Empirical Economics*.

MARIANI P., MARLETTA A., MUSSINI M., PAGANI L., TEDESCHI P., Labour market and well-being: a trajectory analysis for some European countries (1995-2019), revised and resubmitted to *Quality & Quantity*.

CONFERENCES AND WORKSHOPS

20 – 21 February 2020	DIME 2020 conference, Milan. Presentation of the paper: *Urban poverty concentration in U.S. cities* (with Francesco Andreoli and Vincenzo Prete)
21 – 22 November 2019	NESPUTT 2019 conference, Milan. Presentation of the paper: *Inclusive growth across European countries: A dynamic factor model* (with Paolo Mariani, Andrea Marletta and Biancamaria Zavanella).
20 – 22 June 2019	Intermediate Conference of the Italian Statistical Society, Milan. Presentation of the paper: *Seasonality in tourist flows: A decomposition of the change in seasonal concentration* (with Lugi Grossi).
19 – 21 June 2018	XLIX Conference of the Italian Statistical Society, Palermo. Presentation of the paper: *Changes in poverty concentration in U.S. urban areas* (with Francesco Andreoli).
28 – 30 June 2017	Intermediate Conference of the Italian Statistical Society, "Statistics and Data Science: new challenges, new generations", Florence. Presentation of the paper: *A spatial decomposition of the change in urban poverty concentration*.
8 – 10 June 2016	48-th Scientific Meeting of the Italian Statistical Society, Salerno. Presentation of the paper: *A spatial shift-share decomposition of energy consumption variation*.
9 – 11 September 2015	Intermediate Conference of the Italian Statistical Society, "Statistics and Demography: The Legacy of Corrado Gini", Treviso. Presentation of the paper: *A measure of bipolarization in labour productivity across Italian regions*.

9 – 10 December 2013	Innovation and Society Conference, Milan. Presentation of the paper: *Measuring polarization with ordinal data*.
17 – 20 September 2012	Annual Conference of the German and Austrian Statistical Association, Vienna. Presentation of the paper: *A longitudinal decomposition of the Zenga inequality index*.
20 – 22 June 2012	46-th Scientific Meeting of the Italian Statistical Society. Padua. Presentation of the paper: *A mobility measure based on Zenga's new inequality index*.
18 – 20 July 2011	Fourth conference of ECINEQ (Society for the Study of Economic Inequality), Catania. Presentation of the paper: *A matrix approach to the multi-decomposition of the Gini index.*
8 – 10 June 2011	Intermediate Conference of the Italian Statistical Society, Bologna. Presentation of the paper: *Linking Administrative Tax Records and Survey Expenditure Data at the Local Level.*
22 – 24 February 2011	NTTS (New Techniques and Technologies for Statistics) conference, Brussels. Presentation of the paper: *On the combination of administrative and survey data at local level: evidence from Milan Municipality.*
26 - 29 August 2010	13-th International Conference Applications of Mathematics and Statistics in Economy, Demänovská Dolina (Slovakia). Presentation of the paper: *A Gini and Concentration Index Decomposition with an Application to the APK Reranking Measure.*
22 – 28 August 2010	32-th IARIW General Conference, St. Gallen, Switzerland. Presentation of the paper: *Combining expenditure surveys and tax registers: the case of the Milan Municipality.*
16 – 18 June 2010	45-th Scientific Meeting of the Italian Statistical Society. Padova. Presentation of the papers: *A Gini and Concentration Index Decomposition with an Application to the APK Reranking Index* and *A Shift-share Analysis of Employment Growth Pattern in Milan Using SLAM Data.*
23 – 25 September 2009	Intermediate Conference of the Italian Statistical Society, Pescara. Presentation of the paper: *Tax System Simulation Using Integrated Administrative Data.*

29 April 2009	Workshop Metodologie statistiche per l'analisi di impatto e la valutazione della regolamentazione. Milan. Presentation of the paper: *La promozione dei servizi pubblici per l'impiego: un modello per valutarne l'efficacia.*
23 April 2009	Workshop on Income Distribution. Milan. Presentation of the paper: *A decomposition of the Plotnick reranking index.*
15 – 18 September 2008	Quality of Life international conference. Wrocław (Poland). Presentation of the paper: *Redistributive and reranking effects when dealing with non homogeneous tax payers.*
2 April 2008	Workshop on Income Distribution. Milan. Presentation of the paper: *On decomposing reranking and redistributive measures: and empirical application to Milan citizens.*