

MAURO MUSSINI

CONTACTS

Dipartimento di Scienze Economiche,
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EDUCATION

2004 Degree in Economics, Università degli Studi di Milano Bicocca
2008 PhD in Statistics, Università degli Studi di Milano Bicocca.

CURRENT ACADEMIC POSITION

Since October 2013: Assistant Professor of Economic Statistics, Department of Economics,
Università degli Studi di Verona.

RESEARCH INTERESTS

Income inequality, poverty measurement, record linkage, energy economics.

PUBLICATIONS

- 1) MUSSINI M. (2018) A spatial decomposition of the shift-share components of labour productivity inequality in Italy. PAPERS IN REGIONAL SCIENCE, forthcoming, ISSN: 1435-5957.
- 2) 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.
- 3) 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. 1-19, ISSN: 0195-6574.
- 4) 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.
- 5) 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, ISBN: 9788864535210.

- 6) MUSSINI M. (2016) On measuring income polarization: an approach based on regression trees. *STATISTICS IN TRANSITION*, vol. 17, pp. 221-236, ISSN: 1234-7655.
- 7) 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, ISBN: 9788861970618.
- 8) 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.
- 9) MUSSINI M., GROSSI L. (2015) Decomposing changes in CO₂ emission inequality over time: The roles of re-ranking and changes in per capita CO₂ emission disparities. *ENERGY ECONOMICS*, vol. 49, pp. 274-281, ISSN: 0140-9883
- 10) 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
- 11) 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
- 12) L. Crosato, MUSSINI M., P. Mariani, B. Zavanella (2014) Linking Administrative Tax Records and Survey Expenditure Data at the Local Level. In: *Statistical Methods and Applications from a Historical Perspective*, pp. 153-162
- 13) MUSSINI M. (2013). A subgroup decomposition of the inequality change over time. *APPLIED ECONOMICS LETTERS*, vol. 20; p. 386-390, ISSN: 1350-4851
- 14) MUSSINI M. (2013). A matrix approach to the Gini index decomposition by subgroup and by income source. *APPLIED ECONOMICS*, vol. 45; p. 2457-2468, ISSN: 0003-6846
- 15) P. Mariani, MUSSINI M. (2013). A new coefficient of economic valuation based on utility scores. *ARGUMENTA OECONOMICA*, vol. 30; p. 33-46, ISSN: 1233-5835
- 16) Mariani P, Masserini L, MUSSINI M. (2013). Firm Recruitment and Public Employment Services in Italy: How the Length of Searching Affects Job Matching. In: *Measuring Progress at a Local Level*. Pisa, 2013 Pisa University Press, p. 69-72.
- 17) MUSSINI M. (2013). On decomposing inequality and poverty changes over time: A multi-dimensional decomposition. *ECONOMIC MODELLING*, vol. 33; p. 8-18, ISSN: 0264-9993
- 18) MUSSINI M., M. Zenga (2013). A longitudinal decomposition of Zenga's new inequality index. *STATISTICA & APPLICAZIONI*, vol. 11; p. 63-77, ISSN: 1824-6672
- 19) 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. PADOVA: CLEUP, p. 1-4.
- 20) P. Mariani, MUSSINI M., E. Zavarrone (2011). Measuring dissimilarity in learning capital using time trajectories. *STATISTICA APPLICATA*, vol. 23; p. 103-113, ISSN: 1125-1964
- 21) MUSSINI M., L. Crosato, P. Mariani, B. Zavanella (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; 3, p. 87-114, ISSN: 1971-0380
- 22) P. Mariani, MUSSINI M., B. Zavanella (2011). Servizi pubblici per l'impiego e imprese: un'analisi della relazione tra preselezione e job matching. RIVISTA DI ECONOMIA E STATISTICA DEL TERRITORIO; 1, p. 106-132, ISSN: 1971-0380
 - 23) MARIANI P, MUSSINI M., ZAVARRONE E (2011). The Measure of Economic Re-Evaluation: a Coefficient Based on Conjoint Analysis. In: New Perspectives in Statistical Modeling and Data Analysis. BERLIN HEIDELBERG: Springer-Verlag, p. 85-92, ISBN/ISSN: 978-3-642-11362-8
 - 24) 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 Un, p. 1-4, ISBN/ISSN: 1973-9346
 - 25) M. Monti, A. Vernizzi, MUSSINI M. (2010). The decomposition of the Atkinson-Plotnick-Kakwani re-ranking measure. STATISTICA APPLICATA, vol. 22; p. 177-198, ISSN: 1125-1964
 - 26) MUSSINI M. (2010). On the link between Silber and Dagum decompositions of the Gini index. STATISTICS IN TRANSITION, vol. 11; p. 597-614, ISSN: 1234-7655
 - 27) S. Minotti, MUSSINI M., B. Zavanella (2010). Simulazione dell'impatto di alcuni sistemi fiscali europei sui redditi delle famiglie milanesi. I numeri della città. Un quadro socio-economico del comune di Milano sulla base di fonti amministrative. p. 181-221, Milano: FrancoAngeli, ISBN/ISSN: 9788856823561
 - 28) VERNIZZI A, MONTI MG, 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. PADOVA: CLEUP, p. 1-8, ISBN/ISSN: 978-88-6129-566-7
 - 29) Mariani P, MUSSINI M., Zavanella B (2009). Tax systems simulation using integrated administrative data. In: Statistical methods for the analysis of large data sets. Pescara, 2009, PADOVA: CLEUP, ISBN/ISSN: 978-88-6129-425-7
 - 30) MUSSINI M., Zavanella B (2009). Choosing the Bandwidth for Decomposing the Redistributive Effect: Evidence from Milan Using AMeRiCA Data. Pragmata tes Oikonomias III. p. 253-273.

CONFERENCES AND WORKSHOPS

28 – 30 June 2017	Intermediate Conference of the Italian Statistical Society, “Statistics and Data Science: new challenges, new generations”, Florence. Presentation of the paper: <i>A spatial decomposition of the change in urban poverty concentration.</i>
8 – 10 June 2016	48-th Scientific Meeting of the Italian Statistical Society, Salerno. Presentation of the paper: <i>A spatial shift-share decomposition of energy consumption variation.</i>
9 – 11 September 2015	Intermediate Conference of the Italian Statistical Society, “Statistics and Demography: The Legacy of Corrado Gini”, Treviso. Presentation of the paper: <i>A measure of bipolarization in labour productivity across Italian regions.</i>
9 – 10 December 2013	Innovation and Society Conference, Milan. Presentation of the paper: <i>Measuring polarization with ordinal data.</i>
17 – 20 September 2012	Annual Conference of the German and Austrian Statistical Association, Vienna. Presentation of the paper: <i>A longitudinal decomposition of the Zenga inequality index.</i>
20 – 22 June 2012	46-th Scientific Meeting of the Italian Statistical Society. Padua. Presentation of the paper: <i>A mobility measure based on Zenga’s new inequality index.</i>
18 – 20 July 2011	Fourth conference of ECINEQ (Society for the Study of Economic Inequality), Catania. Presentation of the paper: <i>A matrix approach to the multi-decomposition of the Gini index.</i>
8 – 10 June 2011	Intermediate Conference of the Italian Statistical Society, Bologna. Presentation of the paper: <i>Linking Administrative Tax Records and Survey Expenditure Data at the Local Level.</i>
22 – 24 February 2011	NTTS (New Techniques and Technologies for Statistics) conference, Brussels. Presentation of the paper: <i>On the combination of administrative and survey data at local level: evidence from Milan Municipality.</i>

26 - 29 August 2010	13-th International Conference Applications of Mathematics and Statistics in Economy, Demänovská Dolina (Slovakia). Presentation of the paper: <i>A Gini and Concentration Index Decomposition with an Application to the APK Reranking Measure.</i>
22 – 28 August 2010	32-th IARIW General Conference, St. Gallen, Switzerland. Presentation of the paper: <i>Combining expenditure surveys and tax registers: the case of the Milan Municipality.</i>
16 – 18 June 2010	45-th Scientific Meeting of the Italian Statistical Society. Padova. Presentation of the papers: <i>A Gini and Concentration Index Decomposition with an Application to the APK Reranking Index</i> and <i>A Shift-share Analysis of Employment Growth Pattern in Milan Using SLAM Data.</i>
23 – 25 September 2009	Intermediate Conference of the Italian Statistical Society, Pescara. Presentation of the paper: <i>Tax System Simulation Using Integrated Administrative Data.</i>
29 April 2009	Workshop Metodologie statistiche per l'analisi di impatto e la valutazione della regolamentazione. Milan. Presentation of the paper: <i>La promozione dei servizi pubblici per l'impiego: un modello per valutarne l'efficacia.</i>
23 April 2009	Workshop on Income Distribution. Milan. Presentation of the paper: <i>A decomposition of the Plotnick reranking index.</i>
15 – 18 September 2008	Quality of Life international conference. Wrocław (Poland). Presentation of the paper: <i>Redistributive and reranking effects when dealing with non homogeneous tax payers.</i>
2 April 2008	Workshop on Income Distribution. Milan. Presentation of the paper: <i>On decomposing reranking and redistributive measures: and empirical application to Milan citizens.</i>

REVIEWER FOR

APPLIED ECONOMICS, JOURNAL OF OFFICIAL STATISTICS, ECONOMICS BULLETIN, ENERGY EFFICIENCY, THE ENERGY JOURNAL, ITALIAN JOURNAL OF APPLIED STATISTICS, STATISTICA & APPLICAZIONI, SOCIAL INDICATORS RESEARCH, JOURNAL OF APPLIED STATISTICS.

