

Curriculum Vitae

Maria Grazia Pittau

Address

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Personal Information

- Birthday: March 12, 1969.
- Birthplace: Lanusei (NU), Sardinia, Italy.
- Citizenship: Italian.

Education

- University of St. Andrews (UK), Department of Statistics, visiting student, (September 1998-February 1999).
- Italian Ph.D., Statistics for Economics, Sapienza University of Rome, 1998. Dissertation: “A Multivariate approach to the social and economic development”.
- Laurea summa cum laude, Statistics, Sapienza University of Rome, 1993.

Positions

- Sapienza University of Rome, Associate Professor in Statistics for Economics, Department of DSPSA, November 2007-present.
- Columbia University, Research Fellow, Statistics Department, New York City, November 2005–December 2006.
- Sapienza University of Rome, Assistant Professor in Statistics for Economics, Department of CNAPS, March 2001–October 2007.
- Sapienza University of Rome, Researcher Assistant, Department of CNAPS, April 2000–February 2001.

Fellowships and Grants

- C.N.R. (Italian National Research Center) eight-month fellowship (1998).
- ISTAT, two-year fellowship (1994).

- Iriss visitor under the TMR (Training Mobility Research) Large Scale Facility Program, CEPS/INSTEAD (Center for Population, Poverty and Public Policy Studies-International Network for Studies in Technology, Environment, Alternatives, Development), Differdange, Luxembourg, (February-March 2000, March 2002).
- Visiting Researcher, Institute for Economic Analysis (IAE), Barcelona (April-May 2005).

Research Interests: Income distribution, Analysis of inequality, poverty, income mobility and polarization, Nonparametric estimation, Mixture Models, Missing Data, Multilevel Models.

Referee Activities:

Journals:

Empirical Economics, Journal of Environmental Management, International Tax and Public Finance, Rivista di Politica Economica, Regional Science and Urban Economics, Oxford Bulletin of Economics and Statistics, Journal of Applied Econometrics.

Other research activities: Scientific representative of the Agreement of cultural and scientific cooperation (in the fields of STATISTICS and APPLIED STATISTICS) between Sapienza University of Rome (Faculty of Statistics) and Columbia University (Statistics Department) in the City of New York.

Teaching Preferences: Nonparametric and Semiparametric Econometrics, Economics of Inequality and Poverty, Multilevel Models.

Selection of papers presented at seminars and conferences

- 12–14 July 2007. 2nd meeting of the Society for the Study of Economic Inequality (ECINEQ), Berlin, Germany. “A dwindling middle class? Italian evidence in the 2000’s” (with R. Massari and R. Zelli). Paper available on the web site: <http://www.diw.de/deutsch/dasinstitut/abteilungen/ldm/archiv/ar2007/ecineq2007/ecineqpapers/index.html>.
- May 2006. Seminars & Colloquia, Econometrics Spring 2006, Department of Economics, University of California Riverside. “Empirical evidence of income dynamics across EU regions”: <http://www.economics.ucr.edu/seminars/spring06/econometrics.html>.
- 20–22 July 2005. Conference of the Society for the Study of Economic Inequality (ECINEQ), Palma de Mallorca, Spain. “Exploring patterns of income polarization using siZer” (with R. Zelli). Paper available on the web site: <http://http://www.uib.es/congres/ecopub/ecineq/index.htm>.
- August 2004, 28th General Conference of the “International Association for Research in Income and Wealth” (IARIW), Cork, Ireland. “The Changing Shapes of Italian Income Distribution: Evidence and Interpretation” (with R. Zelli). Paper available on the web site: <http://www.iariw.org/cork.htm>.
- June 2004, 18th General Conference of “European Society for Population Economics (ESPE)”, Bergen, Norway. “Distribution and mobility of wealth of Italian regions” (with R. Zelli). Paper available on the web site: <http://www.espe.org/>.

- June 2003, 17th General Conference of “European Society for Population Economics (ESPE)”, New York University, New York, US. “Trends in Income Distribution in Italy: A Non-Parametric and a Semi-Parametric Analysis” (with R. Zelli). Paper available on the web site:
<http://www.econ.nyu.edu/cvstarr/conferences/ESPE/sessionE.htm>.
- August 2002, 27th General Conference of the “International Association for Research in Income and Wealth” (IARIW), Djurhamn, Svezia. “Income dynamics across EU regions: empirical evidence from kernel estimation”, (with R. Zelli). Paper available on the web site:
<http://www.iariw.org/stockholm.htm>.
- June 2002, International Workshop on “Income Distribution and Welfare”, Bocconi University, Milan Italy. “Testing for Changing Shapes of Income Distribution: Italian Evidence in the 1990s From Kernel Density Estimates”, (with R. Zelli). Paper available on the web site:
<http://www.uni-bocconi.it>.
- March 2002, Seminar in the the Centre d’Etudes de Populations, de Pauvret et de Politiques Socio Economiques; CEPS/ISTEAD, Differdange, Luxembourg. “Stability of household income in European countries in the 1990’s” (with N. T. Longford) paper available on the web site:
<http://www.ceps.lu/publication/>.

Articles

1. “A dwindling middle class? Italian evidence in the 2000’s”, (with R. Massari and R. Zelli), *The Journal of Economic Inequality*, forthcoming, 2007.
2. “Exploring patterns of income polarization using siZer” (with R. Zelli), *Journal of Quantitative Economics*, **5**, 101–111, 2007.
3. “Stability of household income in European countries in the 1990”, (with N. T. Longford), *Computational Statistics & Data Analysis*, **51**, 1364–1383, 2006.
4. “Metodi non parametrici nell’analisi della distribuzione del reddito: problemi empirici ed aspetti metodologici” (in italian with english summary), (with P.L. Conti and R. Zelli), *Rivista di Politica Economica*, **V-VI**, 195–242, 2006.
5. “Trends in Income Distribution in Italy: A Non-Parametric and a Semi-Parametric Analysis” (with R. Zelli), *Journal of Income distribution*, **15**, 90–118, 2006.
6. “Empirical Evidence of Income Dynamics Across EU Regions” (con R. Zelli), *Journal of Applied Econometrics*, **21**, 605–628, 2006.
7. “Fitting Regional Income Distributions in the European Union”, 2005, *Oxford Bulletin of Economics and Statistics*, **67**, 2, 135–161, 2005.
8. “Testing for the changes in the shape of income distribution: Italian evidence in the 1990s from kernel density estimates (with R. Zelli), *Empirical Economics*, **29**, 2, 415–430, 2004.
9. “Regional Empirics for Economic Disparities in Italy: 1951-2001” (with G.M. Giorgi and R. Zelli), *Estadistica*, special issue on Income Distribution, Lorenz curve, Inequality and Poverty (Guest Editor Camilo Dagum), **55**, 271–293, 2003.

10. “Income distribution in Italy during the 90’s: a non parametric analysis”, (La distribuzione del reddito in Italia negli anni ’90: un’analisi non parametrica) (with R. Zelli), on *Studi sulla povertà: problemi di misura e analisi comparative*, (ed. G. Carbonaro), Franco Angeli, Milano, 2002.
11. “Income distribution in Italy: a nonparametric analysis” (with R. Zelli), *Statistical Methods and Applications*, **10**, 1-3, 2001.
12. “Fitting A Fuzzy Consensus Partition to a Set of Partitions to Analyse The Modern Economic Growth Rate Across Countries”, (with M. Vichi), *Journal of Italian Statistical Society*, **9**, 183–198, 2000.
13. “An optimal design for air pollution monitoring network” (with D. Romano, M. C. Cirillo, R. Coppi), *Environmetrics*, **3**, 1999 .
14. “Consensus Classification for A Set of Multiple Time Series” (with P. D’Urso), on *Classification and Data Analysis*, (eds. M. Vichi and O. Opitz), 11–18, Springer Verlag, Berlin, 1999.
15. “Statistical methods for air pollution data: review and applications”, (Metodi di analisi statistica dei dati di qualità dell’aria: rassegna critica e alcune applicazioni), Volume ISTAT, *Metodi e Norme*, Serie B, **30**, 1997.
16. “A fuzzy approach to spatial classification of tertiary system” (Un Approccio Fuzzy alla Classificazione Territoriale del Sistema Terziario) (with P. D’Urso), *Atti del Convegno SIS “La Statistica per le imprese”*, 335–342, 1997, Editrice Tirrenia Stampatori, Torino .

Unpublished papers

17. “Mixture Models and Convergence Clubs”, (with Paul Johnson and Roberto Zelli), paper available at:
<http://ideas.repec.org/p/vas/papers/91.html>.
18. “A default prior distribution for logistic and other regression models”, (with Andrew Gelman, Aleks Jakulin and Yu-Sung Su), paper available at:
<http://www.stat.columbia.edu/gelman/research/unpublished/priors3.pdf>.

Research software

19. Arm: Data Analysis Using Regression and Multilevel/Hierarchical Models (written in collaboration with A. Gelman, YS Su, G. Hill, J. Kerman and T. Zheng). Functions in R for processing linear and generalized models:
www.cran.r-project.org/src/contrib/Descriptions/arm.html