

Curriculum Vitae

GIOVANNI MARIA GIORGI

Previous positions

- Full Professor of Statistics at “La Sapienza” University of Rome (1994-2017).
- Associate Professor of Statistics at University of Siena (1983-1994).
- Assistant Professor of Statistics at University of Siena (1972-1983).

Research topics

Inference on inequality and poverty measures; income distribution; models for privacy data protection; non-sampling errors; small area estimation; limit distributions (speed of convergence); Italian statistical school and Gini.

Editorial activity

- Editor-in-chief of *Metron*, published by Springer
- Co-Editor of *Statistica & Società*, published by Italian Statistical Society
- Member of the Editorial Board of *Statistica*
- Member of the Editorial Board of *Rivista Italiana di Economia, Demografia e Statistica*.

Referee

Annals of Physics; Brazilian Journal of Probability and Statistics; Econometrica; Economica; Journal of Economic Inequality; Journal of Official Statistics; Journal of Statistical Theory and Practice; Metron; Quality & Quantity; Review of Income and Wealth; Rivista Italiana di Economia, Demografia e Statistica; Rivista Italiana di Statistica Ufficiale; Sociological Methods and Research; Social Choice and Welfare; Statistica; Statistica Applicata; Statistical Methods and Applications; Statistical Papers; The American Statistician.

Other Activities

- Honorary President of the Italian Society of Economics, Demography and Statistics (SIEDS), since 2015.
- President of the Italian Society of Economics, Demography and Statistics (SIEDS), 2008–2014.
- Member of the executive council of the Italian Statistical Society (SIS), 2000–2004.
- Member of PhD council in Methodological Statistics at “La Sapienza” University of Rome, 1995-2017.

A selection of the latest publications

GIORGI G.M., GIGLIARANO C. (2017). The Gini concentration index: a review of the inference literature. *Journal of Economic Surveys*, **31**(4), 1130-1148.

- GIORGI G.M., GUBBIOTTI S. (2017). Celebrating the memory of Corrado Gini: a personality out of the ordinary. *International Statistical Review*, **85**(2), 325-339.
- GIORGI G.M., GUANDALINI A. (2016). Bonferroni index decomposition and the Shapley method. *Rivista Italiana di Economia, Demografia e Statistica*, **70**(4), 67-78.
- DI CIACCIO A., GIORGI G.M. (2016). Statistics in the big data era. *Rivista Italiana di Economia, Demografia e Statistica*, **70**(4), 5-23.
- GIORGI G.M., GUBBIOTTI S. (2015). On Corrado Gini's 1932 paper "Intorno alle curve di concentrazione". A selection of translated excerpts, *Metron*, **73**(1), 1-24.
- DI CIACCIO A., GIORGI G.M. (2014). Machine learning and text mining to classify tweets on a political leader, *Rivista Italiana di Economia, Demografia e Statistica*, **58**(3-4), 103-110.
- CECCARELLI C., GIORGI G.M., GUANDALINI A. (2014). Is Italy a melting pot?, *Rivista Italiana di Economia, Demografia e Statistica*, **58**(3-4), 23-30.
- GIORGI G.M., GUANDALINI A. (2013). A sampling estimator of the Bonferroni inequality index, *Rivista Italiana di Economia, Demografia e Statistica*, **67**(3-4), 151-158.
- DI CIACCIO A., GIORGI G.M. (2013). Statistical analysis of social networks, *Rivista Italiana di Economia, Demografia e Statistica*, **67**(3-4), 103-107.
- GIORGI G.M. (2012). Corrado Gini. *Il contributo italiano alla storia del pensiero*. Ottava appendice. Economia, Istituto della Enciclopedia Italiana, Roma, 620-626.
- GIORGI G.M. (2011). The Gini index decomposition: an evolutionary study. **In**: Deutsch J. and Silber J. (Eds.), *The Measurement of Individual Well-being and Group Inequalities*, Oxon: Routledge, 185-218.
- GIORGI G.M. (2011). Corrado Gini: the man and the scientist, *Metron*, **69**(1), 1-28.
- CECCARELLI C., GIORGI G.M., GUANDALINI A. (2011). Varianza dello stimatore calibrato in presenza di informazioni ausiliarie campionarie, *Rivista Italiana di Economia, Demografia e Statistica*, **45**(1), 53-60.
- GIORDANI P., GIORGI G.M. (2010). A fuzzy logic approach to the poverty analysis based on the Gini and Bonferroni inequality indices, *Statistical Methods & Applications*, **19**(4), 587-607.
- GIORGI G.M., NADARAJAH S. (2010). Bonferroni and Gini indices for various parametric families of distributions, *Metron*, **68**(1), 23-46.
- CECCARELLI C., GIORGI G.M. (2009). Analysis of Gini for evaluating attrition in Italian survey on income and living condition, *Rivista Italiana di Economia, Demografia e Statistica*, **43**(1), 49-69.
- GIORGI G.M., PALMITESTA P., PROVASI C. (2006). Asymptotic and bootstrap inference for the generalized Gini indices, *Metron*, **64**(1), 107-124.
- FORCINA A., GIORGI G.M. (2005). Early Gini's contributions to inequality measurements and statistical inference, *Electronic Journal for History of Probability and Statistics*, **1**(1), 1-15.
- GIORGI G.M. (2005). Gini's scientific work: an ever green, *Metron*, **63**(3), 299-315.
- GIORGI G.M., PITTAU M.G., ZELLI R. (2003). Regional empirics for economic disparities in Italy: 1951-2001, *Estadistica*, **55**, 261-281.
- CONTI P.L., GIORGI G.M. (2001). Distribution-free estimation of the Gini inequality index: the kernel method approach, *Statistica*, **61**, 5-14.
- GIORGI G.M., CRESCENZI M. (2001). Bayesian estimation of the Bonferroni index in a Pareto-type I population, *Statistical Methods & Applications*, **10**, 41-48.
- GIORGI G.M. (1999). Income inequality measurement: the statistical approach. **In**: Silber J. (Ed.), *Handbook on income inequality measurement*, Amsterdam: Kluwer, 245-267.
- GIORGI G.M. (1998). Concentration Index, Bonferroni, *Encyclopedia of Statistical Sciences*, Kotz S. et al. (Eds), Wiley, Update **2**, 141-146.
- GIORGI G.M., MONDANI R. (1995). Sampling distribution of the Bonferroni inequality index from exponential population. *Sankhya* (B), **57**, 10-18.
- GIORGI G.M., BARTOLETTI S., ROSSI S. (1995). An empirical study for a critical analysis of two imputation procedures: hot-deck and EM-algorithm, *Statistics in Transition*, **2**, 755-774.