

Massimo ATTANASIO

Personal : born 12 Feb 1959, Milan

Education:

University of Palermo, Laurea in Statistical Sciences, 1982

University of Padua, Ph.D. in Applied Statistics, 1991

Doctoral Dissertation: Modelling graduates and drop-outs in Italian Universities
in three cohorts of freshmen

University of California Los Angeles, Post-Doc, 1992.

Professional Career:

University of Palermo, Ricercatore (Assistant Professor of Statistics) 1992-nov 1998

Visiting Scientist at Ontario Veterinary College, Guelph, Canada , Aug-Dec 1994

University of Palermo, Associate Professor of Social and Medical Statistics 1998- 2002

University of Palermo, Full Professor of Social Statistics and Biostatistics 2002- present

University Ludwig Maximilian Munich, Visiting Professor , July 2010

University Johns Hopkins University, School of Public Health , Baltimore, Visiting Scientist, July 2014

Scientific interests:

Biostatistics. Surveys. Survival analysis. Metanalysis. Construction of indicators, educational system. Students' careers. Evaluation of Health care Systems

Research Activities:

- Member of the PhD Program in “Applied Statistics” University of Palermo, 2001- present;
- Coordinator of the PhD Program in “Applied Statistics” University of Palermo, 2005-2006;
- Associate Editor of the *Italian Journal of Statistics*;
- Member of the National Research Program 2000 “Statistics in the assesement of the enviromental risks”, coordinated by Gianfranco Lovison;
- Member of the National Research Program 2002 “Statistics as a support to enviromental decisions: identification, monitoring, and intervention assesement”, coordinated by Daniela Cocchi;
- Vice-Coordinator of the National Research Program 2005 and 2008 'Indicators Construction for Public Decision-Making Processes between Measurement Issues and Knowledge Opportunities', coordinator by Vincenza Capursi;
- Associate Editor of the Journal “Journal of Applied Statistics”
- PI of a Research group on the “Studio della Mobilità Studentesca Universitaria” among “Ufficio di Statistica e Studi del MIUR (Ministero dell'Università e della Ricerca)” and the Universities of Palermo, Cagliari, Siena and Turin.2016
- PI of a Research group on the “Studio della Mobilità Studentesca Universitaria” among “Ufficio di Statistica e Studi del MIUR (Ministero dell'Università e della Ricerca)” and the Universities of Firenze, Cagliari, Siena and Turin.2017
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Institutional activities:

- National Coordinator of the "Progetto Lauree Scientifiche" in Statistics 2014-2017
- Coordinator of the Course studies in Statistics and Informatics (BA) and Statistical Sciences (Master), University of Palermo, 2007-2013
- 2000-2006 Member of the "Evaluation Committee for Clinical Trial Experiments" Ospedale Cervello, Palermo
- 2013-now Member of the Regional "Evaluation Committee for Clinical Trial Experiments", Palermo, Sicily

Main publications

- M. Attanasio (1991), Analisi della selezione universitaria - tre generazioni di immatricolati nell'Ateneo di Palermo, Dissertazione finale del dottorato di ricerca in Statistica, Dipartimento di Scienze Statistiche, Università di Padova.
- M. Attanasio e V. Capursi (1994), Un'indagine campionaria sulla transizione Scuola-Formazione-Lavoro: il caso di due città del Mezzogiorno, *Economia e Lavoro*, n.3-4, 53-68.
- M. Attanasio e W.K. Wong (1995), Transformations for Stabilizing Spread in a Time Series Model: a Comparative Study, *Journal of Statistical Computation and Simulation*, Vol.52, 55-70.
- M. Attanasio e F. Ongaro (1995), A hazard model for a multistate discrete stochastic process: a case study coming from women's life courses. *Contributions of Italian Scholars to the European Population Conference*, (Milano, 4-8 settembre 1995), Istituto di Ricerche sulla Popolazione, 1995, 23-41.
- M. M. Shoukri, M. Attanasio, J. M. Sergeant (1998), Parametric versus Semi-Parametric Models for the Analysis of Correlated Survival Data: A Case Study in Veterinary Epidemiology, *Journal of Applied Statistics*, Vol.25, No.3, 357-374
- R.M. Ruggieri., N. Settipani, L. Viviano, M. Attanasio, L. Giglia, G. Cuccia, F. Piccoli (2003): Long term Interferon-beta treatment for Multiple Sclerosis, *Neurological Sciences*, Vol.24, no.5, 361-364.
- F. Aiello, M. Attanasio (2004), How to transform a batch of simple indicators to make up a unique one?, Atti della XLII Riunione Scientifica della SIS, Bari, giugno 2004.
- Tinè F., Attanasio M., Russo F., Pagliaro L. (2005). A Decade of Trials of Interferon-Alpha for Chronic Hepatitis C. A Meta-Regression Analysis. *Contemporary Clinical Trials*, vol. 26; p. 179-210, ISSN: 1551-7144
- Cammà C, Di Marco V., Cabibbo G., Latteri F, Sandonato L, Parisi P, Enea M, Attanasio M., Galia M, Alessi N, Licata A, Latteri M.A, Craxì A (2008). Survival of patients with hepatocellular carcinoma in cirrhosis: a comparison of BCLC, CLIP and GRETCH staging systems, *Alimentary Pharmacology & Therapeutics*, vol. 28; p. 62-75, ISSN: 0269-2813, doi: 10.1111/j.1365-2036.2008
- Aiello F, Attanasio M. (2008). Alcune considerazioni sulla costruzione di indicatori composti. In: Capursi V., Ghellini G.. *Dottor Divago: Discernere valutare e governare la nuova Università*. Collana Valutazione - AIV - Teoria, metodologia e ricerca. p. 123-138, Milano: Franco Angeli, ISBN/ISSN: 978-88-464-9634-8
- Calvaruso, V., Cammà, C., Di Marco, V., Maimone, S., Bronte, F., Enea, M., et al. (2009). Fibrosis staging in chronic hepatitis C: analysis of discordance between transient elastography and liver biopsy. *Journal of Viral Hepatitis*, 2009-09.
- Muggeo V., Attanasio M., Porcu M. (2009). A Segmented Regression Model for Event History Data: an Application to the Fertility patterns in Italy, *Journal of Applied Statistics*, vol. 36, p. 973-988, ISSN: 0266-4763, doi: 10.1080/02664760802552994
- Muggeo V., Attanasio M., (2010). Segmented relationships to model erosion of regression effect in Cox regression, *Statistical Methods in Medical Research*, vol. 36, p. 973-988, ISSN: 0266-4763, doi: 10.1080/02664760802552994
- Attanasio M, Enea M, Rizzo L (2010). Some issues concerning the statistical evaluation of a screening test: the ARFI ultrasound case. *STATISTICA*, vol. 70, p. 311-322, ISSN: 0390-590X
- Attanasio M., Capursi V. (2011) Eds., *Statistical Methods for the Evaluation of University Systems*, Springer Verlag, ISBN 978-3-7908-2374-5
- Aiello F, Attanasio M, Tinè F (2011). Assessing covariate imbalance in meta-analysis studies. *STATISTICS IN MEDICINE*, vol. 30, p. 2671-2682, ISSN: 0277-6715, doi: 10.1002/sim.4311
- Rizzo L, Calvaruso V, Cacopardo B, Alessi N, Attanasio M, Petta S, Fatuzzo F, Montineri A, Mazzola A, L'abbate L, Nunnari G, Bronte F, Di Marco V, Craxì A, Cammà C. (2011). Comparison of transient elastography and acoustic radiation force impulse for non-invasive staging of liver fibrosis in patients with

chronic hepatitis C.. AMERICAN JOURNAL OF GASTROENTEROLOGY, vol. 106, p. 2012-2020, ISSN: 0002-9270, doi: 10.1038/ajg.2011.341

- Rizzo L, Attanasio M, Pinzone MR, Berretta M, Malaguarnera M, Morra A, L'Abbate L, Balestreri L, Nunnari G, Cacopardo B (2014). A New Sampling Method for Spleen Stiffness Measurement Based on Quantitative Acoustic Radiation Force Impulse Elastography for Noninvasive Assessment of Esophageal Varices in Newly Diagnosed HCV-Related Cirrhosis. BIOMED RESEARCH INTERNATIONAL, vol. Volume 2014 (2014), Article ID 365982, 8 pages, ISSN: 2314-6133, doi: <http://dx.doi.org/10.1155/2014/365982>
- Attanasio M, Enea M (2015). An association model for bivariate data with application to the analysis of university students' success.. JOURNAL OF APPLIED STATISTICS, vol. 41, ISSN: 0266-4763, doi: 10.1080/02664763.2014.998407
- Attanasio, M., Boscaino, G., & Capursi, V. (2015). Studenti in calo e in fuga: quale è il destino degli atenei siciliani?. In S. Campostrini, G. Ghellini, & A. Tuzzi (a cura di), Con senso di misura. Riflessi statistici da alcuni allievi di Lorenzo Bernardi (pp. 99-113). Padova : Cleup.
- Attanasio M., Capursi V. (2016), *Statistics in Education*, JOURNAL OF APPLIED STATISTICS, vol. 43 (1),doi: 10.1080/02664763.2015.1104890.

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