FABRIZIA MEALLI

Contact Information

Department of Economics
European University Institute
fabrizia.mealli@eui.eu
Florence, Italy

https://sites.google.com/unifi.it/fabriziamealli

Personal Information

Research Interests

Causal Inference for Experimental and Observational Studies, Analysis of Broken Randomized Experiments, Principal Stratification, Bayesian Analysis, Missing Data Methods, Applications to Economic, Social, Biomedical and Environmental Sciences, Program Evaluation.

Google scholar citations 4261, h-index 34, i10-index 65 (as of September 2023).

EDUCATION

1994	PhD in Statistics, University of Florence, Italy.
1990	Laurea in Economics (summa cum laude), University of Florence, Italy.

PROFESSIONAL EXPERIENCE

Primary Appointments

2023 − present	Professor of Econometrics, European University Institute.
2005 − 2023	Professor of Statistics, University of Florence.
2019 − 2023	Director, Florence Center for Data Science, University of Florence.
2021 − 2022	Director, Master in Data Science and Statistical Learning, University of Florence and IMT Lucca
2017 − 2021	Director of Graduate Studies, PhD programme in Mathematics, Computer Science and Statistics, Statistics track, University of Florence.
1998 − 2004	Associate Professor of Statistics, University of Florence.
2002 − 2005	Director of Graduate Studies, PhD programme in Applied Statistics, University of Florence.
1994 − 1998	Assistant Professor of Statistics, University of Florence.
1994	Research Associate, Department of Economics, University of Leicester, UK.

Other Appointments and Affiliations

2021 − 2023	Part-time Professor, European University Institute, Department of Economics
2014 − present	Member of the Scientific Committee, Action Research for CO-develpment (ARCO), Research Center, University of Florence.
2017	Visiting Professor of Statistics, Department of Statistics and Department of Biostatistics, Harvard University.

2015	Visiting Professor of Statistics, Department of Statistics, Harvard University.
2012	Visiting Professor, Luxembourg Institute for Socio-Economic Resarch (LISER), Luxembourg.
2011	Visiting Scholar, Department of Statistics, Harvard University.
2006 − present	External Research Associate, Institute for Social and Economic Research (ISER), University of Essex, UK.
2001	Visiting Associate Professor of Statistics, Department of Statistics, Harvard University.
2000	Visiting Fellow, Department of Economics, University of California, Los Angeles.
1993	Research Assistant, Department of Applied Economics, University of Cambridge, UK.

EDITORIAL BOARDS

2023 − present	Associate Editor, Journal of the American Statistical Association - Theory and Methods.
2020 − present	Associate Editor, Observational Studies.
2013 − present	Associate Editor, The Annals of Applied Statistics.
2021	Guest Editor, Special issue on Advances in Statistical Decision Theory and Applications, Mathematics.
2018	Guest Editor, Themed issue on Causal Inference from Non-Experimental Studies: Challenges, Developments and Applications, Journal of the Royal Statistical Society Series A (Statistics and Society).
2014 − 2018	Associate Editor, Biometrics.
2011 − 2021	Associate Editor, Journal of the American Statistical Association - Theory and Methods.
2011 − 2014	Associate Editor, Journal of the Royal Statistical Society - Series A.
2008 − 2012	Associate Editor, Statistical Methods and Applications, Springer Verlag.

Membership in Professional Societies: American Statistical Association, Italian Statistical Society (Società Italiana di Statistica, SIS), Econometric Society, International Society for Bayesian Analysis (ISBA), International Biometric Society (IBS), Institute of Mathematical Statistics (IMS).

FELLOWSHIPS AND HONORS

2013	Elected Fellow of the American Statistical Association
2010	Outstanding Reviewer Award for the Journal of Educational and Behavioral Statistics.
2001	Qualification as Professor of Statistics, University of Pisa, Italy.
1995 − 1999	Honorary Visiting Fellow, Department of Economics, University of Leicester.
1992	Fellowship, Centro Interuniversitario di Econometria (CIDE).
1990	Associazione Villa Favard Award for outstanding student in Economics.
1990	Fondazione Federico del Vecchio Award for the best thesis in Economics.

TEACHING AND SHORT COURSES

Undergraduate Courses

1998 − 2021	Statistics, Statistics for the Social Sciences, School of Political Science, University of Florence.
2015	Statistics 186 − Statistical Methods for Evaluating Causal Effects, Harvard University.
2001	Statistics 100 − Introduction to Quantitative Methods, Harvard University.
1997 − 2000	Statistical Decision Theory (BA programme in Statistics), Faculty of Economics, University of Florence.
1994 − 1998	Statistics I, Statistics II, Econometrics I (BA programme in Statistics), Faculty of Economics, University of Florence.

Graduate Courses and International Schools

2023	IRVAPP Advanced School 2023 - Advanced Methods for Impact Evaluation.
2022	The Econometrics of Causality, EUI, Department of Economics.
2021	The Econometrics of Causality, EUI, Department of Economics.
2020	IRVAPP Advanced School 2020 - Advanced Methods for Impact Evaluation.
1996 − present	Statistical Inference, Causal Inference and Program Evaluation, University of Florence, Master and PhD programmes in Statistics.
2019	Atlantic Causal Inference Conference, Montreal, Canada. Pre-conference course: Bayesian Causal Inference.
2018	4th Annual Advanced Workshop on Research Design for Causal Inference, Northwestern Pritzker School of Law, Chicago, IL.
	2nd "Giovanni Anania" Summer School on Evidence-Based Policy Making, University of Calabria, Arcavacata di Rende.
	European Causal Inference Meeting, Florence, Italy. Pre-conference course: Theory and Practice of Principal Stratification Analysis.
2017	Statistics 286 − Causal Inference and Program Evaluation, Harvard University.
	3rd ARCO Summer School, Methods for Program Evaluation, LISER, Luxembourg
2016	Atlantic Causal Inference Conference, New York, NY. Pre-conference course: Principal stratification.
	2nd ARCO Summer School, Methods for Program Evaluation, Florence.
2015	Statistics 286 − Theory and Practice of Principal Stratification Analysis, Harvard University.
	Causal Inference in Epidemiology and applications to Environmental Health, Summer School, University La Sapienza, Rome.
	ARCO Summer School, Methods for Program Evaluation, Florence.
2012	Theory and practice of program evaluation, Short Course, CEPS/INSTEAD, Luxembourg.
	Issues and Methods for the Evaluation of Public Policies, Summer School, University of Naples "Federico II", Naples.
2011	Statistical Methods for Causal Effects, Short Course, University of Helsinki.

2009	Causal Inference, Bocconi University, Milan.
2007	Missing data in Statistical Practice, Applied Statistics Week, University Pompeu Fabra, Barcelona.
	Duration Models in Population Studies, School of the Italian Statistical Society, Florence.
2002	Statistical Models for the Analysis of Educational Processes, School of the Italian Statistical Society, Florence.
2001	Statistics 214-Causal Inference, Harvard University.
1994	Quantitative Methods (MA programme in Economics), University of Leicester.

OTHER PROFESSIONAL ACTIVITI23

2023−2027	Scientific Director - DiSIA, Fondo del Ministero dell'Istruzione, dell'Universita' e della Ricerca destinato a strutture di ricerca di eccellenza.
2022	Chair of the Organizing Committee, IMS International Conference in Statistics and Data Science for Health Policy Statistics(ICSDS), Florence, Italy.
2021−2022	Consultant - Daiichi Sankyo.
2020−2022	Consultant - Novartis.
2020−present	Member of the Organizing Committee of the Online Causal Inference Seminar.
	https://sites.google.com/view/ocis/home?authuser=0
2019	Consultant - Novartis.
2018−2019	Member of the Scientific International Program Committee, 30th International Biometric Conference 2020, Seoul, Korea.
2018−2019	Member of the Scientific Program Committee, International Conference for Health Policy Statistics 2020, San Diego, CA.
2018−2022	Scientific Director - DiSIA, Fondo del Ministero dell'Istruzione, dell'Universita' e della Ricerca destinato a strutture di ricerca di eccellenza.
2018	Head of the Organizing and Scientific Committee, European Causal Inference Meeting EuroCIM, Florence, Italy.
2013 − 2014	Member of the National Committee for "Abilitazione Scientifica Nazionale - ASN" for Statistics.
2003 − 2010	Member of the Ethical Committee for Pharmaceutical Experimentation (Comitato Etico Sperimentazione Farmaci) of the Arezzo Health Agency, Italy.
2013	Member of the Programme Committee, Fifth Italian Congress of Econometrics and Empirical Economics, CIDE, Genova, Italy.
2012	Member of the Programme Committee, Meeting of the Italian Statistical Society 2012, Member of the Programme Committee, Rome, Italy.
2011	Consultant for Istituto Regionale Programmazione Economica della Toscana (IRPET) for the analysis and evaluation of industrial and social policies in Tuscany, Italy.
2010	Member of the Programme Committee, Fourth Italian Congress of Econometrics and Empirical Economics, CIDE, Pisa, Italy.

2009	Member of the Programme Committee, CLADAG 2009 − Seventh Scientific Meeting of the CLAssification and Data Analysis Group of the Italian Statistical Society, Catania, Italy.
2009	Member of the Programme Committee, Statistical Methods for the analysis of large datasets, Italian Statistical Society, Pescara, Italy.
2008	Member of the Programme Committee, International Conference on Health Policy Statistics, Philadelphia, USA.
2007	Short Term Consultant, The World Bank, April-June.
2005	Member of the Programme Committee, First Italian Congress of Econometrics and Empirical Economics, CIDE, Venezia, Italy.
2000	Member of the Organizing Committee, Scientific Meeting of the Italian Statistical Society, Florence, Italy.
2003-2004	Research consultant, UCW (Understanding Children's Work), an ILO, UNICEF, and the World Bank inter-agency research project.
2003 − 2008	Research consultant, *Multiple Imputation of AVA Clinical Trials*, Centers for Disease Control and Prevention (CDC).

PUBLICATIONS

2023

Li F., Ding P., **Mealli F.** (2023), Bayesian Causal Inference: A Critical Review, forthcoming in Philosophical Transactions A.

Tortú C., Crimaldi I., **Mealli F.**, Forastiere L. (2023). Estimating Causal Effects of Multi-Valued Treatments Accounting for Network Interference: Immigration Policies and Crime Rates, forthcoming in Sociological Methods Research.

Papadogeorgou G., Menchetti F., Choirat C., Wasfy J.H., Zigler C. M., **Mealli F.** (2023) Evaluating federal policies using Bayesian time series models: estimating the causal impact of the hospital readmissions reduction program, Health Services and Outcomes Research Methodology.

Menchetti F., Cipollini F. **Mealli F.**, Combining counterfactual outcomes and ARIMA models for policy evaluation, The Econometrics Journal, 26, 1, 1–24.

2022

Wu X., **Mealli F.**, Kioumourtzoglou M.A., Dominici F., Braun D. (2022) Matching on Generalized Propensity Scores with Continuous Exposures, Journal of the American Statistical Association, https://doi.org/10.1080/01621459.2022.2144737.

Wang, C, Zhang, Y, **Mealli, F.**, Bornkamp, B. (2023) Sensitivity analyses for the principal ignorability assumption using multiple imputation. Pharmaceutical Statistics, 22, 1, 64- 78.

Mattei A., Forastiere L., **Mealli F.** (2022) Assessing Principal Causal Effects Using Principal Score Methods. In J. R. Zubizarreta, E. A. Stuart, D. S. Small, P. R. Rosenbaum (Eds.). Handbook of Matching and Weighting Adjustments for Causal Inference. Chapter 17. ChapmanHall/CRC/TaylorFrancis.

Paganini I., Sani C., Chilleri C., Baccini M., Antonelli A., Bisanzi S., Burroni E., Cellai F., Coppi M., **Mealli, F.**, Pompeo G., Viti J., Rossolini G. M., Carozzi F. M., (2022). Assessment of the feasibility of pool testing for SARS-CoV-2 infection screening. Infectious Diseases, 54, 478-487.

Mariottini A., Bulgarini G., Forci B., Innocenti C., **Mealli F.**, Mattei A., Ceccarelli C., Repice A. M., Barilaro A., Mechi C., Saccardi R., Massacesi L. (2022) Autologous haematopoietic stem cell transplantation versus low-dose immunosuppression in secondary–progressive multiple sclerosis. European Journal of Neurology 29, 1708– 1718.

Forastiere L., **Mealli F.** , Wu A., Airoldi E. M. (2022), Estimating Causal Effects Under Interference Using Bayesian Generalized Propensity Scores, in Journal of Machine Learning Research, https://www.jmlr.org/papers/v23/18-711.html.

Mealli, F. Causal Inference Perspectives.Observational Studies, 8, 2, 2022, 105-108.

2021

Mattei, A., **Mealli, F.**, Nodehi, A. (2021). Design and Analysis of Experiments. In: Zimmermann, K.F. (eds) Handbook of Labor, Human Resources and Population Economics. Springer.

Dominici F., Bargagli-Stoffi F.J., **Mealli F.** (2021), From controlled to undisciplined data: estimating causal effects in the era of data science using a potential outcome framework, Harvard Data Science Review, 1.

Nethery R.C., **Mealli F.**, Sacks J.D., Dominici F. (2021) Evaluation of the health impacts of the 1990 Clean Air Act Amendments using causal inference and machine learning, Journal of the American Statistical Association, 116:535, 1128-1139.

Baccini M., Mattei A., Irene Paganini I., Rocco E., Sani C., Vannucci G., Bisanzi S., Burroni E., Peluso M., Munnia A., Cellai F., Pompeo G., Micio L., Viti J., **Mealli F.**, Carozzi F. (2021) Pool testing on random and natural clusters of individuals: optimisation of SARS-CoV-2 surveillance in the presence of low viral load samples, *PLoS ONE*, 16(5): e0251589.

Yitshak Sade M., Nethery R., Schwartz J., **Mealli F.**, Dominici F., Di Q., AAbu Awad Y., Ifergane G., Zanobetti A. (2021) PM2.5 and hospital admissions among Medicare enrollees with chronic debilitating brain disorders, *Science of The Total Environment*, 755, 2.

Mealli, F. (2021), Answering causal questions: Angrist, Imbens and the Nobel prize. *Significance*, 18: 4-5.

2020

Forastiere L., Airoldi E.M., **Mealli F.** (2020), Identification and estimation of treatment and interference effects in observational studies on networks, *Journal of the American Statistical Association, T&M*, 1-18.

Cereda G., Viscardi C., Gottard A., **Mealli F.** (2020) Baccini M., Analisi e previsioni dell'epidemia da SARS-CoV-2 in Toscana / Analysis and future scenarios of the SARS-CoV-2 epidemic in Tuscany Region (Central Italy), Epidemiologia&Prevenzione, 120-127, Sept-Dec 2020.

Baccini M., Mattei A., Rocco E., Vannucci G., **Mealli F.**, Evaluating a SARS-CoV-2 screening strategy based on serological tests / Valutazione di una strategia di screening

per l'infezione da SARS-CoV-2 basata su test sierologici, Epidemiologia&Prevenzione, 193-199, Sept-Dec 2020.

Yitshak Sade M., Nethery R.C., Abu Awad Y., **Mealli F.**, Dominici F., Zanobetti A. (2020) How Many Hospital Admissions in Massachusetts Would Have Been Prevented by Lowering Levels of Particulate Air Pollution?, *Journal of the American College of Cardiology*, 26, 75(20), 2642-2644.

Baccini M., **Mealli F.**, Cereda G., Gottard A., Pedone M., Rocco E., Viscardi C.; ARS; ISPRO Strategie di sorveglianza e biomonitoraggio del contagio da SARS-CoV-2 tramite tamponi individuali, pool testing e test sierologici: il protocollo per affrontare il dopo lockdown in Regione Toscana. E&P Repository 2020. E&P Code: repo.epiprev.it/1235.

Caloffi A., Mariani M., Mattei A., **Mealli F.** What kinds of R&D consortia enhance SMEs productivity? A hierarchical Bayesian approach for the analysis of a regional innovation policy, forthcoming, *Papers in Regional Science*. 2020; 99: 25– 53.

2019

Mattei A., **Mealli F.** Ricciardi F.(2019) Bayesian Inference for Sequential Treatments under Latent Sequential Ignorability, *Journal of the American Statistical Association*, 1-20,

Forastiere L., Lattarulo P., Mariani M., **Mealli F.**, Razzolini L. (2019) Exploring Encouragement, experience and spillover effects using principal stratification in a field experiment on teens' museum attendance, *Journal of Business and Economic Statistics* 1-15.

Papadogeorgou G., **Mealli F.**, Zigler C.M. (2019) Causal inference for interfering units with cluster and population level treatment allocation programs, *Biometrics*, 75, 3, 778-787.

Nethery R.C., **Mealli F.**, Dominici F. (2019), Estimating Population Average Causal Effects in the Presence of Non-Overlap: A Bayesian Approach *The Annals of Applied Statistics*, 13, 2, 1242-1267.

2018

Forastiere L., **Mealli F.**, Miratrix L. (2018) Posterior Predictive P-values with Fisher Randomization Tests in Noncompliance Settings: Test Statistics vs Discrepancy Variables, *Bayesian Analysis*, 13, 681-701.

Mariani M., **Mealli F.** (2018) The Effects of R&D Subsidies to Small and Medium-Sized Enterprises. Evidence from a Regional Program, *Italian Economic Journal*, 4, 249-281.

2017

Baccini M., Mattei A., **Mealli F.** (2017) Bayesian inference for causal mechanisms with application to a randomized study for postoperative pain control, *Biostatistics*, 18, 605-617.

Feller A., **Mealli F.**, Miratrix L. (2017) Principal Score Methods: Assumptions and Extensions, *Journal of Educational and Behavioral Statistics*, 42, 726-758.

Baccini, M., Mattei, A., **Mealli, F.**, Bertazzi, P.A. and Carugno, M. (2017) Potential outcome approach to causal inference in assessing the short term impact of air pollution on mortality, *Environmental Health*, 16, 7.

2016   Mattei A., **Mealli F.** (2016) Regression Discontinuity Designs as Local Randomized Experiments, *Observational Studies*, 2, 156-173.

Mealli F., Pacini B., Stanghellini E. (2016) Identification of Principal Causal Effects Using Additional Outcomes in Concentration Graphs, *Journal of Educational and Behavioral Statistics*, 41, 463-480.

Forastiere L., **Mealli F.**, VanderWeele T. (2016) Identification and Estimation of Causal Mechanisms in Clustered Encouragement Designs: Disentangling Bed Nets using Bayesian Principal Stratification, *Journal of the American Statistical Association*, 111, 510-525.

Frumento P., **Mealli F.**, Pacini B., and Rubin D.B. (2016) The Fragility of Standard Inferential Approaches in Principal Stratification Models Relative to Direct Likelihood Approaches, *Statistical Analysis and Data Mining*, 9(1), 58-70.

2015

Mealli F., Rubin D.B. (2015) Clarifying Missing at Random and Related Definitions, and Implications when Coupled with Exchangeability, *Biometrika*, 102 (4): 995-1000. https://doi.org/10.1093/biomet/asv035 (Correction in *Biometrika* (2016) 103 (2): 491.

Li F., Mattei A., **Mealli F.** (2015) Evaluating The Causal Effect of University Grants on Student Dropout: Evidence from a Regression Discontinuity using Principal Stratification, *The Annals of Applied Statistics*, 9, 1906-1931.

Mercatanti, A, Li, F, and **Mealli, F.** (2015) Improving inference of Gaussian mixtures using auxiliary variables. *Statistical Analysis and Data Mining*, 8, 34-48.

Mattei A., **Mealli F.** (2015) Commentary on "On Bayesian estimation of marginal structural models" by Saarela O., Stephens D. A., Moodie E. E. M., Klein M. B. *Biometrics*,71, 293-296.

2014

Li F., and **Mealli, F.** (2014) A Conversation with Donald B. Rubin. *Statistical Science*, 29(3), 439-457.

Mattei A., **Mealli F.**, Pacini B. (2014) Identification of causal effects in the presence of nonignorable missing outcome values, *Biometrics*, 70(2), 278-288.

Mattei A., **Mealli F.**, Pacini B. (2014) Identification of local causal effects with missing outcome values and an instrument for nonresponse, *Communications in Statistics - Theory and Methods*, 43(4), 815-825.

Li F., Baccini M., Frangakis C.E., **Mealli F.** (2014) Rubin D. B., Zell E., Multiple Imputation by Ordered Monotone Blocks with Application to the Anthrax Vaccine Adsorbed Trial, *Journal of Computational and Graphical Statistics*, 23(3), 877-892.

Conti E., Duranti S., Mattei A., **Mealli F.**, Sciclone N. (2014) The effects of a dropout prevention program on secondary students' outcomes. *Rassegna Italiana di Valutazione*, 58, 15-49.

2013

Mattei A., Li F., **Mealli F.** (2013) Exploiting multiple outcomes in Bayesian inference for causal effects with intermediate variables, *The Annals of Applied Statistics*,7, 2336-2360.

Mealli F., Pacini B. (2013) Using secondary outcomes to sharpen inference in randomized experiments with noncompliance, *Journal of the American Statistical Association*, 108, 1120-1131.

Mealli F. (2013) Invited Discussion of "Experimental Designs for Identifying Causal Mechanisms" by Imai, Tingley and Yamamoto, *Journal of the Royal Statistical Society - Series A*, 176.

Mattei A., **Mealli F.**, Pacini B. (2013) Exploiting Multivariate Outcomes in Bayesian Inference for Causal Effects with Noncompliance. In N. Torelli; F. Pesarin, A. Bar-Hen (Eds.). *Studies in Theoretical and Applied Statistics.* Part III: Statistical Modelling and Data Analysis. Springer.

Mealli F. (2013) Potential Outcomes. Entry in the *Encyclopedia of Quality of Life Research.*

2012

Frumento P., **Mealli F.**, Pacini B., and Rubin D.B. (2012) Evaluating the Effect of Training on Wages in the Presence of Noncompliance, Nonemployment, and Missing Outcome Data, *Journal of the American Statistical Association*, 107, 450-466.

Mattei A., **Mealli F.** (2012) A Refreshing Account of Principal Stratification, *International Journal of Biostatistics*, 1, 1-37.

Roli G., **Mealli F.**, Pacini B. (2012) Estimation of causal effects in latent strata with an encouragement for response *Communications in Statistics - Theory and Methods*, 41, 3150-3161.

Mealli F., Rampichini C. (2012) Evaluating the effects of university grants using regression discontinuity designs, *Journal of the Royal Statistical Society - Series A*, 175, 775-798.

2011

Schwartz S., Li F., **Mealli F.** (2011) A Bayesian Semiparametric Approach to Intermediate Variables in Causal Inference, *Journal of the American Statistical Association*, 106, 1331–1344.

Mattei A., **Mealli F.** (2011) Augmented Designs to Assess Principal Strata Direct Effects, *Journal of the Royal Statistical Society - Series B*, 73, 729-752.

Arpino B., **Mealli F.** (2011) The specification of the propensity score in multilevel observational studies, *Computational Statistics and Data Analysis*, 55, 1770-1780.

Li F., **Mealli F.** (2011) Discussion of the paper "Transparent parametrization of models for potential outcomes" by Richardson, Evans and Robins, in J. M. Bernardo, M. J. Bayarri, J. O. Berger, A. P. Dawid, D. Heckerman , A. F. M. Smith, and M. West (Eds.) *Bayesian Statistics 9*, Oxford University Press.

Mealli F., Pacini B., Rubin D.B. (2011) Statistical Inference for Causal Effects, in Kenett R. and Salini S. (Eds.) *Modern Analysis of Customer Satisfaction Surveys*, Chapter 10, Wiley.

Mattei A., **Mealli F.**, Rubin D.B. (2011) Missing Data and Imputation Methods, in Kenett R. and Salini S. (Eds.) *Modern Analysis of Customer Satisfaction Surveys*, Chapter 8, Wiley.

Mealli F., Pacini B., and Roli G. (2011) Evaluating the effects of subsidies to firms with nonignorably missing outcomes, in Ingrassia S., Rocci R. and Vichi M. (Eds.), *New Perspectives in Statistical Modeling and Data Analysis*, Springer.

Frumento P., **Mealli F.** and Pacini B. (2011) Causal inference with multi variate outcomes: a simulation study, in Ingrassia S., Rocci R. and Vichi M. (Eds.), *New Perspectives in Statistical Modeling and Data Analysis*, Springer.

2010

Guarcello L., **Mealli F.**, and Rosati F.C. (2010) Household vulnerability and child labour: the effects of shocks, credit rationing and insurance, *Journal of Population Economics*, 23, 169-198

Baccini M., Cook S., Frangakis C.E., Li F., **Mealli F.**, Rubin D. B., and Zell E.R. (2010) Multiple Imputation in the Anthrax Vaccine Research Program, *Chance*, 23, 1.

2009

Zhang J., Rubin D.B., and **Mealli F.** (2009) Likelihood-based Analysis of Causal Effects of Job-Training Programs using Principal Stratification, *Journal of the American Statistical Association*, 104, 166–176.

Mattei A., **Mealli F.**, and Pudney S. (2009) Living standards and fertility in Indonesia: A Bayesian analysis, *Giornale degli Economisti e Annali di Economia*, , 68, 175-210.

2008

Mealli F., and Pacini B. (2008) Comparing principal stratification and selection models in parametric causal inference with nonignorable missingness, *Computational Statistics and Data Analysis*, 53, 507–516

Ichino A., **Mealli F.**, and Nannicini T. (2008) From Temporary Help Jobs to Permanent Employment: What Can We Learn from Matching Estimators and their Sensitivity?, *Journal of Applied Econometrics*, 23, 305–327

Grilli L., and **Mealli F.** (2008) Nonparametric Bounds on the Causal Effect of University Studies on Job Opportunities Using Principal Stratification, *Journal of Educational and Behavioral Statistics*, 33, 1, 111–130.

2007

Mattei A., and **Mealli F.** (2007) Application of the Principal Stratification Approach to the Faenza Randomized Experiment on Breast Self-Examination, *Biometrics*, 63 (2):437–46.

Zhang J., Rubin D.B., and **Mealli F.** (2007) Evaluating The Effects of Job Training Programs on Wages through Principal Stratification, in D. Millimet, J. Smith, and E. Vytlacil (eds.), *Advances in Econometrics: Modeling and Evaluating Treatment Effects in Econometrics*, Elsevier Science Ltd, UK.

Grilli L., and **Mealli F.** (2007) University Studies and Employment. An Application of the Principal Strata Approach to Causal Analysis, in L. Fabbris (ed.), *Effectiveness of University Education in Italy*, Physica-Verlag HD, 219–231

2006

Aassve A., Engelhardt H., Francavilla F., Kedir A., Kim J., **Mealli F.**, Mencarini L., Pudney S., and Prskawetz A. (2006) Poverty and Fertility Dynamics: A comparative

analysis, *Population Review*, 45(2).

Mealli F., and Rampichini C. (2006) Metodi e modelli per la valutazione di impatto delle borse per il DSU, in L. Biggeri e G. Catalano (eds) *L'efficacia delle politiche di sostegno agli studenti universitari: l'esperienza italiana nel panorama internazionale*, Il Mulino, Bologna.

2005

Ichino A., **Mealli F.**, and Nannicini T. (2005) Temporary Work Agencies in Italy: a Springboard toward Permanent Employment?, *Giornale degli Economisti e Annali di Economia*, 64, 1, 1–27.

Mealli F., Mele S., Rampichini C., and Sciclone N. (2005) La valutazione dell'efficacia delle borse per il diritto allo studio, *Rivista Italiana di Politiche Pubbliche*, 1,1–10.

Grilli L., and **Mealli F.** (2005) L'effetto degli studi universitari sulle opportunitÃ di lavoro un'analisi principal strata model, in Crocetta (a cura di), *Modelli statistici per l'analisi della transizione università-lavoro*, Cleup, Padova.

2004

Mealli F., Imbens G., Ferro S., and Biggeri A. (2004) Analyzing a Randomized Trial on Breast Self Examination with Noncompliance and Missing Outcomes, *Biostatistics*, 5(2), 207–222.

Grilli L., and **Mealli F.** (2004) Analysis of the effect of the degree programs by means of principal stratification, *Proceedings of the XLII Scientific Meeting of the Italian Statistical Society*, Cleup, Padova.

Mealli F., and Chiandotto B. (2004) Decision oriented evaluation, Invited Paper, *Proceedings of the XLII Scientific Meeting of the Italian Statistical Society*, Cleup, Padova.

Mattei A., and **Mealli F.** (2004) Assessing the Effect of a Teaching Program on Breast Self-Examination in a Randomized Trial with Noncompliance and Missing Data. *Proceedings of the 19th International Workshop on Statistical Modeling*, 455–459.

2003

Parretti E., **Mealli F.**, Magrini A., Cioni R., Mecacci F., La Torre P., Periti E., Scarselli G., and Mello G. (2003) Cross-sectional and longitudinal evaluation of uterine artery Doppler velocimetry for the prediction of pre-eclampsia in normotensive women with specific risk factors, *Ultrasound Obstet Gynecol*, 22(2), 160–5.

Mealli F., and. Rubin D.B. (2003) Commentary: Assumptions allowing the estimation of direct causal effects, *Journal of Econometrics*, 112, 79–87.

Mealli F., and Pudney S. (2003) Applying heterogeneous transition models in labour economics: the role of youth training in labour market transitions, in C. Skinner e R.L Chambers (eds.), *Analysis of Survey Data*, Wiley, New York.

2002

Mealli F., and Rubin D.B. (2002) Assumptions when Analyzing Randomized Experiments with Noncompliance and Missing Outcomes, *Health Services and Outcomes Research Methodology*, 3, 3-4, 225–232.

Mello G., Parretti E., Cioni R., Lagazio C., **Mealli F.**, and Pratesi M. (2002) Individual longitudinal patterns in biochemical and hematological markers for the early prediction

of pre-eclampsia, *Journal of Maternal-Fetal & Neonatal Medicine*, 11(2), 93–9.

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Mealli F., and Rampichini C. (2002) Impact evaluation of University grants, *Proceedings of the 2002 Joint Statistical Meetings, American Statistical Association*, New York.

Mealli F., and Pagni R. (2002) (a cura di) *Analisi e valutazione delle politiche per le nuove imprese. Il caso della LR Toscana 27/93*, Franco Angeli, Milano.

2001

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