Anna Gloria Billé
Curriculum Vitae

March 2025

Address:	Department of Statistical Sciences, Alma Mater Studiorum - University of Bologna, Via delle Belle Arti, 41, Bologna, Italy.
Webpage:	Link
Emails:	annagloria.bille@unibo.it
Birth:	23/07/1985

Job Positions

2025 - present	Associate Professor - SSD: STAT-02/A
	Department of Statistical Sciences, Alma Mater Studiorum - University of Bologna, Italy
2022 - 2025	Assistant Professor (Ricercatore Tipo B) - SSD: STAT-02/A
	Department of Statistical Sciences, Alma Mater Studiorum - University of Bologna, Italy
2020 - 2022	Assistant Professor (Ricercatore Tipo A) - SSD: STAT-02/A
	Department of Statistical Sciences, University of Padua, Italy

Education and Qualifications

2018 - 2020	Post-doc Research Fellow
	Econometric Methods for Electricity Markets & Optimization
	Faculty of Economics and Management, Free University of Bozen–Bolzano
	SSD: ECON-05/A Econometrics
	Tutor: Prof. Francesco Ravazzolo
2017 - 2018	Post-doc Research Fellow
	Copula & Clustering Methods
	Faculty of Economics and Management, Free University of Bozen–Bolzano
	SSD: STAT-01/A Statistics
	Tutor: Prof. Fabrizio Durante
2016 - 2017	Post-doc Research Fellow
	National Institute of Statistics (ISTAT)
2015 - 2016	Post-doc Research Fellow
	Econometric Methods and Models for Microeconometric data
	Department of Economics and Finance, University of Rome "Tor Vergata"
	SSD: ECON-05/A Econometrics
	Tutor: Prof. Franco Peracchi
2013 - 2014	Expert in Spatial Statistics and Econometrics
	Teaching Assistant and Tutorship in Economic Statistics
	Department of Economics, University of Chieti-Pescara "G. D'Annunzio"
2010 - 2013	Ph.D. with scholarship
	SSD: STAT-02/A Economic Statistics
	Department of Economics, University "G. D'Annunzio"of Chieti-Pescara
	Ph.D. dissertation title: *Spatial Discrete Choice Models and Health Econometrics*
	Tutor: Prof. Giuseppe Arbia
2007 - 2009	M.Sc. Environmental Economics with scholarship (110/110 cum laude)
	University "G. D'Annunzio"of Chieti-Pescara
2004 - 2007	B.Sc. Economics with scholarship (110/110 cum laude)
	University "G. D'Annunzio"of Chieti-Pescara

Visiting Periods

2011/09 - 2011/12	University of Illinois at Urbana-Champaign
	Regional Economic Applications Laboratory (REAL)
	Urbana-Champaign, IL, USA.
	Tutor: Prof. Geoffrey J.D. Hewings.

Research Fields

Statistics & Econometrics: Spatial & Spatio-Temporal Modelling, Estimation Methods & Specification Tests, Simultaneous Linear/Nonlinear Equation Models, Discrete Choice Models, Limited Dependent Variables, Model Specification & Marginal Effects, Applied Econometrics.

Data Analysis: Computational Statistics/Econometrics, Optimization & Algorithms, Big Data.

National Scientific Qualification (ASN)

ASN 2021/2023 Associate Professor SSD: STAT-02/A Economic Statistics
ASN 2021/2023 Associate Professor SSD: ECON-05/A Econometrics

Teaching

As **Adjunct Professor**	Catholic University of the Sacred Heart (Rome)
2024 - 2025	HEALTH ECONOMETRICS AND PROGRAM EVALUATION (with R)
	(40/60 hours - module 1)
	Teaching language: English. Course owners: Prof. G. Arbia and Prof. W. Greene
As **Senior Assistant Professor**	Alma Mater Studiorum Univeristy of Bologna
2021 - present	BIG DATA ANALYTICS (with R) (30/30 hours) - course owner
2021 - present	ECONOMIC STATISTICS AND MARKET ANALYSIS (with R)
	(30/30 hours) - course owner
As **Junior Assistant Professor**	University of Padua
2019 - 2020	STATISTICS: BUSINESS APPLICATIONS (45/45 hours) - course owner
2020 - 2021	BUSINESS STATISTICS (40/64 hours) - course owner
2020 - 2021	HOW TO MEASURE ECONOMICS AND BUSINESS (12/64 hours)

As **Teaching Assistant**	
2019 - 2020	Econometrics (with R) for undergraduate students
	Tutor: Francesco Ravazzolo.
2018 - 2019	Econometrics (with R) for undergraduate students
	Tutor: Francesco Ravazzolo.
2018 - 2019	Statistics (with R) for undergraduate students
	Tutor: Davide Ferrari.
2015 - 2016	Econometrics (with Gretl) for undergraduate students
	Tutor: Samantha Leorato.
2013 - 2014	Economic Statistics (Sampling Designs - with R) for master students:
	Tutor: Roberto Benedetti.
2010 - 2012	Economic Statistics (Hypothesis Testing and Inference) for master students
	Tutor: Giuseppe Arbia.
2010 - 2012	Statistics (Descriptive and Probability) for undergraduate students
	Tutor: Giuseppe Arbia.

Publications

ORCID Connecting Research and Researchers: https://orcid.org/0000-0002-6699-6440

List of publications:

Billé, A.G. and M. Rogna (2024) "Spillover Effects and Temporal Dynamics on the Impact of Renewables on Labour Force: A World Perspective", **AStA Advances in Statistical Analysis**. DOI: 10.1007/s10182-024-00511-4. Preprint at SSRN.

The paper has been presented at

- 16th International Conference of the ERCIM WG on Computational and Methodological Statistics (CM-Statistics 2023), HTW Berlin, December 16-18, 2023 - CHAIR OF THE SESSION *NEW ADVANCES IN SPATIAL ECONOMETRICS* AND SPEAKER OF THE SESSION *SPATIAL DATA SCIENCE*.

- 4th Italian Workshop of Econometrics and Empirical Economics: "Climate and Energy Econometrics", Bolzano, January 25-26, 2024 - CHAIR AND SPEAKER OF THE SESSION *ENERGY TRANSITION AND RESOURCES*.

Billé, A.G., A. Tomelleri and F. Ravazzolo (2023), "Forecasting Regional GDPs: a Comparison with Spatial Dynamic Panel Data Models", **Spatial Economic Analysis**, Volume 18, Issue 4, pp 530-551. DOI: https://doi.org/10.1080/17421772.2023.2199034.

Billé, A.G. and M., Caporin (2022), "Impact of COVID19 on Financial Returns: A Spatial Dynamic Panel Data Model with Random Effects"., **Journal of Spatial Econometrics**, Volume 3, Number 1. DOI: https://doi.org/10.1007/s43071-022-00025-8.

Billé, A.G., Gianfreda A., Del Grosso F., and Ravazzolo F. (2022), "Forecasting Electricity Prices with Expert, Linear and Non-Linear Models", **International Journal of Forecasting**, Volume 39, Issue 2, April–June 2023, pp 570-586. DOI: https://doi.org/10.1016/j.ijforecast.2022.01.003.

- The paper has been presented at the 39th International Symposium on Forecasting, University of Thessaloniki, Greece.
- The paper has been carried out in collaboration with the Department of Engineering & Alperia, within the project "Optimization".

Billé, A.G. and M. Rogna (2022), "Correction of Billé and Rogna (2021)". **Journal of The Royal Statistical Society - Series A**, Volume 185, pp. 1465–1468.

Billé, A.G. and M. Rogna (2022), "The Effect of Weather Conditions on Fertilizer Applications: A Spatial Dynamic Panel Data Analysis". **Journal of The Royal Statistical Society - Series A**, Volume 185, pp. 3–36. DOI: https://doi.org/10.1111/rssa.12709.

Billé, A.G. and S. Leorato (2020), "Partial ML Estimation for Spatial Autoregressive Nonlinear Probit Models with Autoregressive Disturbances". **Econometric Reviews**, Volume 39, pp 437–475.
The paper has been presented at

- 9th Seminar Jean Paelinck "Non parametric spatial econometrics: theory and empirical issues", 6-7 October, 2017, Universidad Politecnica de Cartagena, Cartagena, Spain.
- 1st Italian Workshop of Econometrics and Empirical Economics (IWEEE 2018): Panel Data Models and Applications, January 25th-26th, 2018, University of Milano-Bicocca, Milan, Italy.
- XIIth World Conference of the Spatial Econometrics Association (SEA), Webstern Univeristy, Wien - Session 1.1: Estimating and Testing Spatial Models 1
- 2nd Internal Workshop on Economics and Econometrics, Free Univeristy of Bolzano–Bozen, Bolzano
- 39th AISRe Conference, Free University of Bozen–Bolzano & EURAC, Bolzano
- 11th International Conference of the ERCIM WG on Computational and Methodological Statistics (CM Statistics 2018) - INVITED SPEAKER
- Department of Industrial and Information Engineering and Economics, University of L'Aquila.

Billé, A.G. and G. Arbia (2019), "Spatial Limited Dependent Variable Models: A Review Focused on Specification, Estimation and Health Economics applications", **Journal of Economic Surveys**, Volume 33, Issue 5, pp 1531–1554. DOI: https://doi.org/10.1111/joes.12333.

Billé, A.G., Salvioni, C. and R. Benedetti (2018), "Modelling Spatial Regimes in Farms Technologies", **Journal of Productivity Analysis**, Volume 49, Issue 2–3, pp 173–185. DOI: https://doi.org/10.1007/s11123-018-0529-7.
The paper has been presented at

- 150th Seminar, European Association of Agricultural Economists, Edinburgh, UK.
- 29th International Conference of Agricultural Economists (ICAE), Milan, Italy - Session: Quantitative Methods (5).
- XV European Workshop on Efficiency and Productivity Analysis (EWEPA), 12-15 June, 2017, London, UK.
- Cicle of seminars at Department of Economic Sciences - 25 October, 2017, University of Verona, Verona, Italy.

Billé, A.G., Benedetti, R. and P. Postiglione (2017), "A two–step approach to account for unobserved spatial heterogeneity", **Spatial Economic Analysis**, Volume 12, Issue 4, Pages 452–471. DOI: 10.1080/17421772.2017.1286373.

- The paper has been presented at 55th European Regional Science Association, Lisbon - Session: Spatial Econometrics and Regional Economic Modelling.

Catania, L. and A.G. Billé (2017), "Dynamic Spatial Autoregressive Models with Autoregressive and Heteroskedastic Disturbances", **Journal of Applied Econometrics**, Volume 32, Issue 6, September/October 2017, Pages 1178–1196. DOI: jae.2565.

- The paper has been presented at Xth World Conference of the Spatial Econometrics Association (SEA), Rome - Session: Theory.

Billé, A.G. (2014), "Computational Issues in the Estimation of the Spatial Probit Model: A Comparison of Various Estimators", **The Review of Regional Studies**, Volume 43, pp 131-154.

Books and Chapters

Billé, A.G., Salvioni, C. and F. Vidoli (2021, Book chapter), "Spatial Econometric Modeling of Farm Data", in **Spatial Econometric Methods in Agricultural Economics Using R**, Eds. Benedetti, R., Piersimoni, F. and P. Postiglione, CRC Press/Taylor & Francis Group. - INVITED AUTHOR.

Billé, A.G. (2021, Handbook chapter), "Spatial Autoregressive Nonlinear Models in R: an Empirical Application in Labour Economics", in **Handbook of Research Methods and Applications in Empirical Microeconomics**, Eds. Haschimzade, N. and M. Torton, Edward Elgar Publishing Ltd. - INVITED AUTHOR

Submitted Papers

Arbia, G., Billé, A.G. and S. Leorato (2024), "Concentrated Partial ML estimation for Dynamic Spatial Panel Data Probit Models with Fixed Effects". The paper has been presented at

- the HEalthcare MAnagement & economics Workshop (HEMAW#5), Advances in Applied Econometrics Modeling, Catholic University of the Sacred Heart, Rome, Italy, December, 2019. - *INVITED SPEAKER*
- the 19th Internation Workshop on "Spatial Econometrics and Statistics ", Nantes, France, May 31 and June 1, 2021. - CHAIR AND DISCUSSANT OF THE SESSION *ADVANCES IN METHODOLOGY 2*
- the International Association for Applied Econometrics (IAAE2021), Econometric Institute at Erasmus School of Economics in Rotterdam, the Netherlands, June 22-25, 2021. - CHAIR OF THE COMMUNICATION SESSION: *ECONOMETRIC METHODOLOGY I.*

A. Tomelleri and A.G. Billé (2023), "Interaction effects among micro-enterprises asking for local supports after Covid-19: a spatial hurdle probit model". Revise and resubmit. **Economic Modelling** Preprint at SSRN.

Billé, A.G., R. Benedetti and P. Postiglione, "Spatial Panel Data Models with Dynamic Spatial Regimes and Random Effects". Submitted.

Working Papers

Billé, A.G., Blasques, F. and L. Catania, "Dynamic Spatial Autoregressive Models with Time–varying Spatial Weighting Matrices". Preprint at SSRN.

- The paper has been presented at Xth World Conference of the Spatial Econometrics Association (SEA), Rome - Session: Spatial Weighting Matrix.
- The paper has been presented at the Statistical Week, September 10th-13th, Trier, Germany - Young-Academics Mini–Symposium (Philipp Otto): Models for Spatial and Spatiotemporal Data - INVITED SPEAKER

Billé, A.G., Ferrante, M.R. and N. Salvati, "Small Area Estimation under Several Spatial Specifications".

Bernardi E., R. Bernardini Papalia, R. and A.G. Billé "Spatial first differencing approach in explosive spatial dynamic panel data models with consistent estimation of the individual fixed effects".

Billé, A.G., Leorato S. and D. Spinelli, "QMLE for spatial binary probit models".

Thesis Supervision, Advisor & Co-examiner

Alessio Tomelleri, Faculty of Economics, Free University of Bolzano-Bozen (Ph.D. Thesis, Co-supervisor with Prof. Francesco Ravazzolo & Prof. Steven Stillman). "Cohort inequality, income stability and economic growth in Italy".

Elena Bortolato, Department of Statistical Sciences, University of Padua (Master Thesis, Co-examiner). "Bias reduction in the equicorrelated multivariate normal".

Federico Eliantonio, Department of Statistical Sciences, University of Padua (Bachelor Thesis, Supervisor). "L'andamento del debito pubblico prima e dopo il COVID19: Un'analisi empirica a livello mondiale".

Walter Armeli, Department of Business Sciences, Alma Mater Studiorum University of Bologna (Master Thesis, Co-examiner). "Medesime capacità, salario differente: differenziale retributivo in Italia, uno sguardo oltre la media".

Lorenzo Piccolantonio, Department of Business Sciences, Alma Mater Studiorum University of Bologna (Master Thesis, Supervisor). L'impatto dell'innovazione sulla crescita aziendale con modelli per dati panel controllando per il COVID19 : un'analisi a livello mondiale".

Eugeniu Miron, Department of Business Sciences, Alma Mater Studiorum University of Bologna (Master Thesis, Supervisor). "HR ANALYTICS: VERSO UNA GESTIONE DATA-DRIVEN DELLE RISORSE UMANE".

Courses and schools

04/2016 - 05/2016   **University of Rome Tor Vergata & EIEF**
Dynamic Factor Models - Prof. Marco Lippi
State–Space Models - Prof. Tommaso Proietti
Bayesian Time Series Econometrics - Prof. Dimitris Korobilis
High-Dimensional Covariance Estimation with Applications - Prof. Mohsen Pourahmadi

03/2015 - 04/2015   **EIEF - Einaudi Institute of Economics and Finance**
Advanced Econometrics - Prof. Alberto Holly
Bootstrap and Asymptotic Refinements - Prof. Samantha Leorato
Finite Mixture Models - Prof. Roberto Rocci

09/2011 - 12/2011   **University of Illinois at Urbana-Champaign**,
Department of Economics & Department of Agricultural and Consumer Economics:
Econometrics II - Prof. Anil Bera
Applied Spatial Econometrics - Prof. Kathy Baylis

01/2010 - 11/2010   **Alma Mater Studiorum - University of Bologna**, Department of Statistical Sciences
PhD Program in *Statistical Methodology for Scientific Research - SSD: STAT-01/A, STAT-01/B*:
Resampling methods for experimental research - Prof. Rodolfo Rosa
Statistical Inference - Prof. Patrizia Agati, Daniela Giovanna Caló, Paola Monari, Gabriele Soffritti
Bayesian Inference - Prof. Daniela Cocchi, Brunero Liseo, Andrea Tancredi, Fedele Greco
Micro Data Mining - Prof. Furio Camillo
Time Series Econometrics - Prof. Giuseppe Cavaliere, Luca Fanelli, Alessandra Luati, Attilio Gardini
Markov Chain Monte Carlo - Prof. Rodolfo Rosa

07/2010   **Summer School of Modern Methods in Biostatistics and Epidemiology**, Treviso, Italy:
Biostatistics I - Prof. Marcello Pagano
Principles of Epidemiology - Prof. Johanna Adami
Introduction to Stata

02/2010   **University of Rome "Roma Tre"**, Department of Economics
PhD program in *Statistical Methods for the Economy and the Enterprise*:
Nonparametric Statistics - Prof. Pier Luigi Conti
Bayesian Networks - Prof. Julia Mortera

05/2009 - 06/2009   **Spatial Econometrics Advanced Institute - SEAI09**, University of Rome "La Sapienza":
Spatial Statistics - Prof. Giuseppe Arbia
Spatial Economics - Prof. Jean Paelink
Spatial Econometrics I - Prof. Harry Kelejian
Spatial Econometrics II - Prof. Ingmar Prucha
Spatial Panel Data Econometrics - Prof. Badi Baltagi
R Laboratory - Prof. Gianfranco Piras

Additional Accademic Responsibilities

2020 - 2021   Referent for English language (B2)   Department of Statistical Sciences   School of Science   UNIPD

Counseling Activities & Cooperations

10/2020 - 12/2020   International Fund for Agricultural Development (IFAD – FAO)
Research & Impact Assessment Division (RIA) – Strategy and Knowledge Department (SKD)
Innovation Challenge Proposal Leveraging Artificial Intelligence and Big Data for IFAD2.0
Project Title: Predicting Projects Performance

PRIN

PRIN 2022   Project Title: Small Area Methods for Mapping and Monitoring Socio-Economic Territorial Disparities (MASTer)
Project Coordinator: Prof. Nicola Salvati
Research Unit Manager: Prof.ssa Maria Rosaria Ferrante

Referee Activity

Served as referee for: Computational Statistics and Data Analysis, International Journal of Computational Economics and Econometrics, Regional Science and Urban Economics, Statistics and Its Interface, Networks and Spatial Economics, Spatial

Economic Analysis, Journal of Econometrics, The Annals of Applied Statistics, Journal of Agricultural Economics, Statistical Methods and Applications, Environmental & Resource Economics, Journal of Business & Economic Statistics, Journal of Spatial Econometrics, Plus One, Geographical Analysis, Energy Economics, Biometrical Journal, AStA Advances in Statistical Analysis, Journal of Economic Surveys, Forecasting MDPI, Econometric Reviews.

Conferences & Workshops

02/2025	University "Parthenope" of Naples	3rd Italian Conference on Economic Statistics
01/2024	University of Bozen–Bolzano	4th Italian Workshop of Econometrics and Empirical Economics
12/2023	HTW Berlin	16th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMStatistics 2023)
06/2021	Econometric Institute at Erasmus School of Economics in Rotterdam	International Association for Applied Econometrics (IAAE2021)
05/2021	University of Nantes	19th Internation Workshop on Spatial Econometrics and Statistics
12/2019	Catholic University of the Sacred Heart	HEMAW#5, Advances in Applied Econometrics Modeling
09/2019	Univeristy of Trier	Statistical Week: Models for Spatial and Spatiotemporal Data
06/2019	University of Thessaloniki	39th International Symposium on Forecasting
12/2018	University of Pisa	11th International Conference of the ERCIM WG on Computational and Methodological Statistics (CM Statistics 2018)
09/2018	Free Univeristy of Bozen–Bolzano & EURAC	39th AISRe Conference
06/2018	Free University of Bozen–Bolzano	2nd Internal Workshop on Economics and Econometrics
06/2018	Webster University	XIIth World Conference of the Spatial Econometrics Association (SEA)
01/2018	University of Milan Bicocca	1st Italian Workshop of Econometrics and Empirical Economics (IWEEE 2018)
12/2017	Free University of Bozen–Bolzano	Workshop on Asset Allocation under Parameter Uncertainty
06/2017	Free University of Bozen–Bolzano	1st Internal Workshop on Economics and Econometrics
06/2017	Loughborough University, London	XV European Workshop on Efficiency and Productivity Analysis (EWEPA)
07/2016	University of Pisa	Workshop on Recent Advances in Quantile and M-quantile Regression
06/2016	CNR-IRCrES, Rome	International Workshop on Computational Economics and Econometrics
06/2016	Catholic University of Rome	XIIth World Conference of the Spatial Econometrics Association (SEA) (served as discussant for sessions "Theory" & "Spatial Weighting Matrix")
08/2015	University of Lisbon	55th European Regional Science Association (ERSA) Congress

Computer Skills

R, MatLab, GeoDa, ArcGis, LaTeX, Gretl, SPSS, Windows.

Language

Italian : mother tongue
English: IELTS Certificate (2009).
French: Internal Exam at University "G. D'Annunzio"of Chieti-Pescara
Deutsch: A.1.1; Internal Exam at Free Univerisity of Bozen (2018).

Maths, Stats, Quantitative Exams during B.Sc. & M.Sc.

MATH-02/A	Algebra (5 CFU)	score: 30/30 cum laude
MATH-03/A	Mathematical Analysis (8 CFU)	score: 30/30
MATH-03/B	Probability and Mathematical Statistics (8 CFU)	score: 30/30
MATH-06/A	Operational Research (6 CFU)	score: 30/30
INFO-01/A	Informatics (4 CFU)	score: 30/30
STAT-02/A	Economic Statistics (8 CFU) *Descriptive & Inference*	score: 30/30 cum laude
STAT-02/A	Economic Statistics (7 CFU) *Business Statistics & Statistical Quality Control*	score: 30/30
STAT-02/A	Economic Statistics (5 CFU) *Statistical Methods for the Analysis of Financial Markets*	score: 28/30
STAT-02/A	Economic Statistics (6 CFU) *National Accounting and Environmental Statistics 1*	score: 30/30 cum laude
STAT-02/A	Economic Statistics (6 CFU) *Nat. Acc. and Env. Stats 2 (Sampling & Spatial Econometrics)*	score: 30/30 cum laude
ECON-01/A	Economics (8 CFU) *Development Economics & Sustainability*	score: 30/30
ECON-01/A	Economics (8 CFU) *Microeconomics*	score: 28/30
ECON-01/A	Economics (8 CFU) *Macroeconomics*	score: 25/30
ECON-03/A	Public Economics (6 CFU) *Environmental Economics*	score: 25/30
ECON-05/A	Econometrics (5 CFU)	score: 27/30
ECON-06/A	Business Administration, Accounting & Performance Measurement (3 CFU)	score: 30/30
ECON-06/A	Business Administration, Accounting & Performance Measurement (3 CFU)	score: 30/30 cum laude
ECON-07/A	Management (8 CFU)	score: 27/30
GEOG-01/B	Economic and Political Geography (5 CFU) *Environmental Policy*	score: 30/30
CHEM-01/B	Chemistry for the Environment and for Cultural Heritage (8 CFU)	score: 27/30
CHEM-01/B	Chemistry for the Environment and for Cultural Heritage (5 CFU)	score: 28/30
MEDS-24/B	Hygiene and Public Health (6 CFU) *Epidemiology*	score: 30/30 cum laude
IIND-06/B	Energy Systems and Power Generation (8 CFU)	score: 30/30
BIOS-05/A	Ecology (8 CFU)	score: 30/30
AGRI-01/A	Agricultural and Food Economics, and Rural Appraisal (6 CFU)	score: 30/30
AGRI-01/A	Agricultural and Food Economics, and Rural Appraisal (2 CFU)	score: 30/30 cum laude
GEOS-02/B	Stratigraphic and Sedimentary Geology (5 CFU)	score: 25/30

References

Professor Samantha Leorato	Professor of Statistics
	University of Milan, Milan, Italy
	Email: samantha.leorato@unimi.it
Professor Giuseppe Arbia	Professor of Economic Statistics
	Catholic University of the Sacred Heart, Rome, Italy
	Email: giuseppe.arbia@unicatt.it
Professor Francesco Ravazzolo	Professor of Econometrics
	Free University of Bolzano-Bozen, Bolzano, Italy
	Email: Francesco.Ravazzolo@unibz.it
Professor Franco Peracchi	Professor of Econometrics
	University of Rome "Tor Vergata", Rome, Italy
	Email: franco.peracchi@uniroma2.it
Professor Tommaso Proietti	Professor of Economic Statistics
	University of Rome "Tor Vergata", Rome, Italy
	Email: tommaso.proietti@uniroma2.it