

Consuelo Rubina Nava

UPDATE 2015

CONTACT INFORMATION Università degli studi di Torino
Lungo Dora Siena 100 A - 10153 Torino (TO)
Home: [Unito Web Page](#)
Tel: (+39) 011-0913877
Fax: (+39) 011-6703895
E-mail: cnav@unito.it

EDUCATION

2010 - 2014 Ph.D. in Economics - Statistics and Applied Mathematics, Vilfredo Pareto Doctorate in Economics. Università degli Studi di Torino (Torino) and Collegio Carlo Alberto (Moncalieri), Italy. Dissertation title: "Some advances in Bayesian modeling and computation". Supervisor: Prof. Igor Prünster and Prof. Ramsés H. Mena

2008 - 2010 M.A. with distinction in Statistics and Applied Mathematics. Collegio Carlo Alberto (Moncalieri), Italy. Dissertation title: "Mixed Logit models: classical estimation and Bayesian methods". Supervisors: Prof. Alessandro Sembenelli, Prof. Pierpaolo De Blasi

2008 - 2010 Allievi program. Collegio Carlo Alberto (Moncalieri), Italy.

2007 - 2009 Facoltà di Economia, Advanced Undergraduate degree (Laura Magistrale) in Economics with a dissertation in Econometrics. Università degli Studi di Torino (Torino), Italy. Dissertation title: "Structural demand estimation: an application". Supervisors: Prof. Alessandro Sembenelli, Prof. Igor Prünster. Grade: 110/110 cum laude

2004 - 2007 Facoltà di Economia, Undergraduate degree (Laurea Triennale) in Business Administration, with a dissertation in Business Administration. Università della Valle d'Aosta (Aosta), Italy. Dissertation title: "Corporate social responsibility: a new challenge in the relation between public administration and enterprisers". Supervisors: Prof. Elisa Pintus, Prof. Paolo Preti. Grade: 110/110 cum laude

WORK EXPERIENCE

2015

September 2015 - present Lectures and course. Università della Valle d'Aosta (Torino), Italy. Course: Quantitative methods for management.

September 2015 - present Teaching Assistant Prof. Cinzia Carota. Università degli studi di Torino (Torino), Italy. Course: Bayesian Analysis. Topics: Introductory Bayesian analysis also with "R".

September 2015 - present Teaching Assistant Prof. Pierpaolo De Blasi. Università degli studi di Torino (Torino), Italy. Course: Quantitative method for economics. Topics: Introductory probability and statistics, Introduction to the use of "R".

June 2015 - present Lectures and course. Università degli studi di Torino (Torino), Italy. Course: Data Mining and Multivariate Analysis. Topics: Data organization, Explorative data analysis, PCA, Distance and clustering analysis, Linear models, Generalized linear model, Performance criteria for Data Mining models.

March 2015 - June 2015 Teaching Assistant Prof. Dino Gerardi Collegio Carlo Alberto (Torino), Italy. Course: Economic Principles. Topics: Consumer, Producer, general equilibrium.

2014

December 2014 - present Postdoc. Università degli studi di Torino (Torino), Italy. Topics: Discrete choice model, Multiple imputation, Bayesian analysis, labour market, microsimulation.

November 2014 - present Seminars. Università degli studi di Torino (Torino), Italy. Course: Seminars on “R”. Topics: Introductory statistics with “R”.

November 2014 - present Teaching Assistant Prof. Gianluigi Gorla. Università della Valle d’Aosta (Aosta), Italy. Course: Macroeconomics. Topics: Macroeconomic models (Is-LM; AD-AS), inflation and unemployment.

September 2014 - present Lectures and course. Università degli studi di Torino (Torino), Italy. Course: Microeconomics. Topics: Microeconomic theory, consumer, producer, market equilibrium, game theory, perfect competition, oligopoly and monopoly.

September 2014 - present Teaching Assistant Prof. Cinzia Carota. Università degli studi di Torino (Torino), Italy. Course: Statistical decision theory. Topics: Statistical instruments for data analysis and estimation.

September 2014 - present Lectures and course. Università degli studi di Torino (Torino), Italy. Course: Public economics. Topics: taxation, policy evaluation, government expenditure program.

March 2014 - December 2014 “Cultore della materia” Public management. Università della Valle d’Aosta (Aosta), Italy. Course: management of the public sector. Topics: construction of didactic material for the course, lectures, research on the most innovative form of management for the public administration, data analysis.

2012

November 2012 - June 2013 Research Assistant Prof. Igor Prünster. Collegio Carlo Alberto (Moncalieri), Italy. Project: New Approaches to Stochastic Modeling in Economics via Bayesian Nonparametrics. Topics: construction of strictly stationary diffusion processes for time series analysis and extreme value detection.

2011

September 2011 - present Teaching Assistant Prof. Pierpaolo De Blasi. Collegio Carlo Alberto (Moncalieri), Italy. Course: Statistical and Programming Tools for Finance and Insurance (Master program in Finance and Insurance). Topics: Introduction to the use of “R”.

2010

September 2010 - September 2011 Research Assistant Prof. Aleksey Tetenov. Collegio Carlo Alberto (Moncalieri), Italy. Project: Detecting the existence of treatment effects in randomized studies with noncompliance. Topics: numerical simulations and estimations using STATA and MATA.

2008

2008 - 2011 Research Assistant. Libera Università degli Studi Sociali - LUISS Guido Carli, Roma, Italy. Project: GE Healthcare agenda for Hexvix® for a stakeholder engagement analysis. Topics: data analysis, research on the role of the public sector in the health system and stakeholder engagement, definition of new strategies.

2008 - 2009 Research Assistant. Università della Valle d'Aosta, Aosta, Italy. Project: Corporate social responsibility and local governance - strategies for the Quart municipality. Topics: data analysis, questionnaires, policy identifications and improvement, stakeholder engagement agenda and social responsibility for the public sector.

PUBLICATIONS,
TECHNICAL
REPORTS AND
WORKING PAPERS

2015

- C. Carota, C. R. Nava, I. Soldani, C. Ghiglione and S. Schiaparelli: *Statistical models for species richness in the Ross Sea*. In A. Fassó and A. Polce (Editors). Proceedings of the GRASPA2015 Conference, Bari, 15-16 June, 2015. Special issue of GRASPA Working Papers. ISSN 2037-7738
- C. Ghiglione, C. Carota, C. R. Nava, I. Soldani and S. Schiaparelli: *Rarefaction and extrapolation with Hill numbers: a study of biodiversity in the Ross Sea*. In A. Fassó and A. Polce (Editors). Proceedings of the GRASPA2015 Conference, Bari, 15-16 June, 2015. Special issue of GRASPA Working Papers. ISSN 2037-7738

2014

- Nava, C., Mena, R. H. and Prünster, I.: *Poisson Driven Stationary Markovian Models*. Working paper IIMAS-UNAM, No. 160
- Nava, C.: *Some advances in Bayesian modeling and computataion*, Ph.D Thesis

2013

- Nava, C., Mena, R. H. and Prünster, I.: *On some stationary models: construction and estimation*. The Contribution of Young Researchers to Bayesian Statistics: Proceedings of BAYSM2013. Springer Proceedings in Mathematics & Statistics 2013, 7pp. ISBN-10: 3319020838, ISBN-13: 978-3319020839
- Nava, C., Mena, R. H. and Prünster, I.: *On Stationary Markov Model: A Poisson Driven Approach*, Proceedings of the 8th Conference on Statistical Computing and Complex Systems - SCo 2013, 6pp (electronic). ISBN:9788864930190

OTHER
PUBLICATIONS

2015

- Meleo, L., Nava, C. and Pozzi, C., *Aviation and the Costs Of The European Emission Trading Scheme: The case of Italy* - under second revision Energy Policy

2014

- Nava, C., Pintus, E. : *Introduzione di un farmaco innovativo nel dipartimento di urologia dell'azienda ospedaliera universitaria San Luigi di Orbassano* in Pintus E., *Stakeholder engagement e politiche del farmaco*, 2014, il Mulino
- Nava, C., Pintus, E. : *Un modello economico di sostenibilità per un farmaco innovativo: misurazione degli outcome*. in Pintus E., *Stakeholder engagement e politiche del farmaco*, 2014, il Mulino

EDITORIAL
ACTIVITIES

2012 - current Referee, Bayesian Analysis

CONFERENCES

2015

- GRASPA 2015, Bari, Italy. Contributed talk: Statistical models for species richness in the Ross Sea.
- GRASPA 2015, Bari, Italy. Poster: Rarefaction and extrapolation with Hill numbers: a study of diversity in the Ross Sea
- cMET-05 XII Workshop, Venice, Italy. Invited talk: “I costi del sistema europeo dei permessi di emissione, gli effetti sul settore aereo in Italia”

2013

- SCo 2013 Milano, Italy. Presentation and proceeding: On stationary markovian models. A Poisson-driven approach.
- 1st Lyon Turin Phd Workshop, Lyon, France. Presentation: Poisson driven stationary markovian models: construction and estimation.
- BNP 9, Amsterdam, Netherlands. Poster: Poisson driven stationary markovian models.
- BISP 2013 Milano, Italy. Poster: Poisson driven stationary markovian models.
- BAYSM 2013 Milano, Italy. Presentation: On some stationary models. Construction and estimation. Published in Conference Proceedings - Springer 2013.

2012

- ISBA 2012 World Meeting, Kyoto, Japan. Poster: Poisson driven stationary markovian processes.

2011

- ABS11 Applied Bayesian Statistics School, Bolzan, Italy. Contributed talk: “Multinomial Mixed Logit Model: Bayesian Methods and Algorithms”

SUMMER SCHOOLS

2011

- ABS11, Hierarchical Modeling for Environmental Processes, Bolzano, Italy.

2010

- ABS10, Bayesian Machine Learning with Biomedical Applications, Bolzano, Italy.

AWARDS AND SCHOLARSHIPS

2008 - 2010 Allieva (Honor Student) Collegio Carlo Alberto, Moncalieri, Italy.

2009 Award Socialis VII edition with the dissertation “Corporate social responsibility: a new challenge in the relation between public administration and enterprises”. Premio Socialis, Roma, Italy.

TRAVEL GRANTS

2012 Google “Early Career Researchers Travel Grant”, ISBA 2012.

LANGUAGES

Italian (mother tongue).
English (good knowledge written and spoken).
French (very good knowledge written and spoken).

COMPUTER SKILLS

Programming languages: R, Matlab, Stata (Mata), NetLogo, Python, Mathematica
LaTeX
Microsoft Word, Excel, Access and PowerPoint
2008 Computer Science and Simulation for Economics - NetLogo Project Work, with
F. Vercelli and C. Rendinella on “Job market and exogenous variables”

EXTRA
CURRICULAR
ACTIVITIES

2005-2006 Student Representative, Facoltà di Economia, Università della Valle
d’Aosta (Aosta), Italy.
2005-2006 President of STOA’, student association, Aosta, Italy