

CURRICULUM VITAE ET STUDIORUM

CLAUDIA TARANTOLA

WORK ADDRESS

Department of Economics and Management
University of Pavia
Via S. Felice 5
27100 Pavia
phone: +39-0382-506213
fax: +39-0382-304226
e-mail: claudia.tarantola@unipv.it

PERSONAL ADDRESS

Via Lovati 44
27100 Pavia
Mobile 333-6765864

<https://sites.google.com/a/unipv.it/claudia-tarantola/home>

1) GENERAL INFORMATION

PLACE AND DATE OF BIRTH

Milan, March 2, 1970

CURRENT POSITION

- 2019: achieved the National Scientific qualification as full professor in the Italian higher education system, in the call 2018/2020 (Ministerial Decree n. 2175/2018) for the disciplinary field of 13/D1 - Statistics. (Academic Recruitment Field 13/D - Statistics and mathematical methods for decisions, according to the national classification). The validity of the qualification is eleven years, starting from the 10/09/2019 and will expire on the 10/09/2030.
- Since 2015 Associate Professor in Statistics, Department of Economics and Management, University of Pavia

PREVIOUS POSITION

2000-2015 Assistant Professor in Statistics, Department of Economics and Quantitative Methods, University of Pavia.

EDUCATION

- 1995: Degree in Political Economy, Summa cum Laude, University Bocconi, Milan, Italy. Dissertation title “Graphical models for multivariate statistics”; advisors Professor G. Consonni and Professor P. Giudici.
- 1998: Visiting student at the Department of Mathematics of University of Bristol, UK. She worked under the supervision of Professor Peter J. Green on Bayesian computational methods for discrete graphical models.

- 1999: PhD in Methodological Statistics, University of Trento. Thesis title “Bayesian model determination for discrete graphical models”; advisors Professor G. Consonni and Professor P. Giudici.
- 1999: Post-doctoral fellowship under the European Union project TMR (Training and Mobility of Researchers) entitled 'Statistical and Computational Methods for the Analysis of Spatial Data.' Project coordinator: Professor P. Dellaportas.

OTHER QUALIFICATIONS AND PERIODS OF STUDY AND RESEARCH

ABROAD

- Since 2000, she is a regular visiting professor at the Department of Statistics of Athens University of Economics and Business (AUEB).
- June 26-July 8, 2006: visiting researcher by the “Cathie Marsh Centre for Census and Survey Research”, Manchester, UK.
- May 28-June 10, 2007: visiting researcher by the “Centre for Statistics and the Social Sciences” of University of Washington, Seattle, USA.
- 9-20 March 2014: winner of an Erasmus Teaching Mobility grant to carry out teaching and research at the School of Computing and Mathematics, University of Plymouth University, UK.
- 2015: external evaluator of the international research project “Innovational Research Incentives Scheme Veni” funded by The Netherlands Organisation for Scientific Research (NWO), <http://www.nwo.nl/en/funding/our-funding-instruments/nwo/innovational-research-incentives-scheme/veni/index.html>
- May 2016: she carried out a research period of one week at Institut für Statistik und Wirtschaftsmathematik working with Prof. M. Kateri.
- 14 June 2017: external evaluator for the final examination for the Master's degree in International Economy and Business at the Faculty of Economics and Business Administration, University of Szeged.

INTERNATIONAL COMMISSIONS AND AWARDS

Since 2009, she has been the representative of the quantitative area of the Department of Economics and Management of University of Pavia (former Faculty of Economics) in the international Hermes University Network (<http://hermes-universities.eu/>).

From June 2018 to June 2022, she was *President* of the network. She is currently a member of the strategic board of the aforementioned network and coordinates the activities of the research group.

The Hermes Network is a strategic alliance of 30 international university institutions and research centres. The main aims of the network are

- offering Dual Diploma and Joint Doctorate programmes in the fields of Business, Economics and Statistics.

-fostering scientific collaboration between partners and the implementation of joint research projects.

Below is a list of the universities that are part of the network, broken down by continent

Europe

EM Strasbourg Business School, University of Strasbourg
Faculty of Business & Management, University of Innsbruck
H-Farm Education
Corvinus University of Budapest
HEC Management School, University of Liege
Dresden University of Technology
Eberhard Karls University, Tübingen
Friedrich-Alexander-University of Erlangen-Nuremberg
University of Hohenheim
Athens University of Economics and Business (AUEB)
University of Limerick
Ca' Foscari University of Venice
DEM, University of Pavia
Jagiellonian University of Krakow
The Bucharest University of Economic Studies
University of Economics in Bratislava
University of Alcala
University of Granada
University of Lancaster
University of Seville
Stirling Management School, University of Stirling
Zagreb School of Economics and Management
University of Vaasa

Africa

ESCA Maroc Ecole de Management

America

Stevens Institute of Technology
Texas A&M University

Asia

Southwestern University of Finance and Economics
Chongqing University

Oceania

University of Adelaide
University of Western Australia/UWA Business School

2) TEACHING ACTIVITY

TEACHING ACTIVITIES AT THE UNIVERSITY OF PAVIA

Where not otherwise indicated, lectures were held at the Faculty of Economics in Pavia (from January 1, 2012 Department of Economics and Management).

- Academic years 1996/1997 and 1997/1998: teaching seminars on the use of the S-Plus software as part of the “Statistics for Economical Application” (four-year degree) and “Statistics 2” (four-year degree) courses at the Faculty of Economics in Pavia, Varese campus.
- Academic years 1999/2000 and 2000/2001: tutorials and support activities for the courses “Statistics 1” (4-year degree) group A-K, and “Statistics 2” (4-year degree).
- From the academic year 2001/2002 to the year 2008/2009: professor of the course “Statistics for Social Applications” (4 CFU).
- From academic year 2001/2002 to academic year 2004/2005: tutorials and teaching support activities for the “Data Analysis” course (group A-K).
- Academic year 2001/2002: lecturer in Statistics for the “Master in Applied Econometrics” (MAPE) organised by the University of Pavia and funded by the Lombardy Region. Lectures given in English.
- Academic year 2002/2003: series of lessons on statistics as part of the interfaculty course “Tools for analysing equal opportunities in public and private organisations”, course coordinator Prof. M. Sassi.
- Academic year 2003/2004: lecturer in Statistics for the international Master's course entitled “Complexity and its interdisciplinary applications” organised by the Istituto Universitario di Studi Superiori (IUSS) in Pavia. Lectures given in English.
- Academic year 2004/2005: professor on contract for the “Social Statistics” course within the framework of the Specialist Degree Course in Science of the Health Professions Diagnostic Techniques and Specialist Degree Course in Science of the Health Professions Assistance Techniques at the Faculty of Medicine (3 CFU).
- Academic year 2004/2005: lecturer in Statistics for the international Master's course entitled “Quantitative Methods for Economics” organised by the Accademia Nazionale dei Lincei at the University of Pavia. Lectures given in English.
- Academic year 2005/2006: tutorials and teaching support activities for the course “Data Analysis” (group L-Z) (5 CFU).
- From the academic year 2006/2007 to the year 2009/2010: professor of the course “Data Analysis” (group A-K) (5 CFU).
- Academic year 2008/2009 to date: professor of the “Social Statistics” course (6 CFU).
- Academic year 2010/2011: professor for the first module (3 CFU) of the Statistics course (L-Z group).

- From the academic year 2014/2015 to the academic year 2021/2023: professor of the Statistics course (9 CFU), group A-K.
- From the academic year 2021/2023 to date: professor of the Statistics course (9 CFUs), group A-D.
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She has been the supervisor of more than 60 dissertations (Bachelor's, Master's and bachelor).

TEACHING ACTIVITIES AT OTHER OTHER UNIVERSITY/ INSTITUTIONS

- From academic year 1998/1999 to academic year 2001/2002: tutorials and teaching support activities for course in "Methodological Statistics" at the Università Commerciale Luigi Bocconi in Milan (four-year degree).
- Academic years 1999/2000 and 2000/2001: lecturer in Statistics for the Master's programme in "Banking and Finance Developmen", organised by the 'Giordano dell'Amore' foundation in Milan. Lectures given in English.
- From the academic year 2002/2003 to the academic year 2006/2007: professor on contract at the Università Commerciale Luigi Bocconi in Milan for the "Statistics" course as part of the degree course in Business Economics (8 CFU).
- From the academic year 2007/2008 to the academic year 2015/2016: professor on contract at the Università Commerciale Luigi Bocconi in Milan for the "Statistics" course as part of the degree course in Business Economics and Management (8 CFU).

TEACHING SUPPORT ACTIVITIES

She participates/participated in various activities relating to the organisation of teaching and the improvement of the University of Pavia's educational offerings. In particular:

- Academic years 1999/2000 and 2000/2001: took care of the organisation and coordination of student tutoring for the 'Statistics 1' course, she coordinated the activities of 12 tutors.
- From the academic year 1999/2000 to the academic year 2004/2005: collaborated with Prof. P. Giudici on an experimental project concerning the use of SAS software for data processing in the "Data Analysis" and "Statistics" courses at the Faculty of Economics. From the academic year 2001/2002 until the year 2004/2005, this experimentation was certified by the Lombardy Region as part of the project "Promotion of flexible training organisation activities".
- Academic year 2001/2002: worked on a teaching assistance project for working students.
- From the academic year 2005/2006 to the academic year 2008/2009: she was in charge of organising and coordinating student tutoring activities for students on the "Data Analysis" course (activities carried out using EXCEL software), coordinated the activities of 6 tutors.

- Since the 2006/2007 academic year to date: coordinates the activities of the tutors of the courses she teaches.
- From the academic year 2014/2015 to the academic year 2021/2022: was responsible for organising and coordinating the integrative activity "Integrated group work Statistics - Economics and Business Management A-K". The aim of the activity was to carry out a sector analysis through the collection and processing of empirical data. Activity carried out in collaboration with Prof. C. Cattaneo, lecturer in the Economics and Business Management A-K course.
- From the academic year 2022/2023 to the present day: responsible for organising and coordinating the integrative activity "Integrated group work Statistics - Economics and Business Management AD". The purpose of the activity is to carry out a sector analysis through the collection and processing of empirical data. Activity carried out in collaboration with Prof. C. Cattaneo, lecturer in the Economics and Business Management course.

EVALUATION OF TEACHING

The following is a summary of the teaching evaluations for the last 6 years for courses taught in the Department of Economics and Business Sciences¹

Does the teacher stimulate/motivate interest in the discipline?

	Statistics A-K 9 CFU	Social Statistics 6 CFU
a.y. 2016/2017	8.05/10 (164 questionnaires)	8.16/10 (17 questionnaires)
a.y. 2017/2018	8.15/10 (191 questionnaires)	8.94/10 (31 questionnaires)
a.y. 2018/2019	8.43/10 (326 questionnaires)	8.54/10 (46 questionnaires)
a.y. 2019/2020	8.22/10 (98 questionnaires)	8.87/10 (48 questionnaires)
a.y. 2020/2021	8.63/10 (233 questionnaires)	9.57/10 (36 questionnaires)
a. y. 2021/2022	8.31/10 (185 questionnaires)	9.68/10 (28 questionnaires)

Does the lecturer present the topics clearly?

	Statistics A-K 9 CFU	Social Statistics 6 CFU
a.y. 2016/2017	8.10/10 (164 questionnaires)	8.17/10 (17 questionnaires)
a.y. 2017/2018	8.38/10 (191 questionnaires)	8.94/10 (31 questionnaires)
a.y. 2018/2019	8.33/10 (326 questionnaires)	8.85/10 (46 questionnaires)
a.y. 2019/2020	8.59/10 (98 questionnaires)	9.37/10 (48 questionnaires)

¹ Data processing provided by Valmon: for data up to 2020 see <https://valmon.disia.unifi.it/sisvalidat/unipv/> and from 2022 see <https://sisvalidat.it/>

a.y. 2020/2021	8.79/10 questionnaires) (233	9.31/10 questionnaires) (36
a.y. 2021/2022	8.38/10 questionnaires((185	9.36/10 questionnaires) (28

Is the lecturer available for clarification and explanation?

	Statistics A-K 9 CFU	Social Statistics 6 CFU
a.y. 2016/2017	8.74/10 questionnaires) (164	8.81/10 questionnaires) (17
a.y. 2017/2018	9.18/10 questionnaires) (191	9.52/10 questionnaires) (31
a.y. 2018/2019	8.67/10 questionnaires) (326	9.54/10 questionnaires) (46
a.y. 2019/2020	NA	NA
a.y. 2020/2021	8.91/10 questionnaires) (233	9.57/10 questionnaires) (36
a.y. 2021/2022	8.82/10 questionnaires) (124	9.05/10 questionnaires) (22

ADMINISTRATIVE TASKS

- Academic year 1999/2000: she was a member of the IT committee of the Faculty of Economics.
- From the academic year 1999/2000 to the academic year 2005/2006: she was a member of the Economics Faculty's student transfer committee. In collaboration with the other members of the committee, she was responsible for assessing transfer applications to the Faculty of Economics, providing appropriate information to students and drafting the corresponding resolutions.
- From academic year 2001/2002 to academic year 2002/2003: participated in presentations of the Faculty of Economics both at the University of Pavia and at high schools in the Lombardy region.
- Since the academic year 2007/2008 member of the International Relations Commission of the Department of Economics and Management (former Faculty of Economics of Pavia).
- From 2008 to 2019, she was a member of the Erasmus Commission of the Department of Economics and Management (formerly the Faculty of Economics of Pavia), assisting the Erasmus delegate (Prof. M. E. Gennusa) in the selection of new partners and stipulation of the corresponding agreements, in the selection of students for the "Erasmus+" programme for study and "Erasmus+ traineeship".
- Since the 2009/2010 academic year: she is one of the two coordinators of the double degree programmes of the Department of Economics and Management (formerly the Faculty of Economics of Pavia). Together with her colleague Prof. B. Hagen, she manages 20 double degree agreements; for more information see <http://internationalactivities.unipv.it/double-degree/>.

- From the academic year 2018/2019 to the academic year 2020/2021: she was President of the 'University of Pavia University Parking Area Access Permits Commission'.
- From January 2021 to March 2022: served as a member of the “Accreditation Commission” of the Department of Economics and Management (DEM). In collaboration with Prof. C. De Martini, our responsibilities included the collection and processing of essential data needed for the application of international EFMD accreditation. More information about EFMD accreditation can be found at <https://www.efmdglobal.org/>.
- From December 1, 2023, Erasmus Delegate of the Department of Economics and Business and President of the International Commission of the Department.

3) RESEARCH ACTIVITY

RESEARCH INTERESTS

Categorical data analysis, Big data analytics, Data science, Diversity and inclusion, Methods and models for risk assessment, Methods and models for technology finance (Fintech), Copula models, Graphical models, Marginal models, Markov chain Monte Carlo methods, Statistical models for risk assessment, Bayesian networks, Bayesian statistics.

SCIENTIFIC PUBLICATIONS

(2024) Iannario, M., Kateri, M. and Tarantola, C. Modelling scale effects in rating data: a Bayesian approach, Quality & Quantity <https://doi.org/10.1007/s11135-023-01827-0>

(2024) Facchinetti, S., Osmetti, S.A. and Tarantola, C. A statistical approach for assessing cyber risk via ordered response models, *Risk Analysis*, 44 (2), 425-438, DOI: 10.1111/risa.14186, ISSN:1539-6924.

(2023) Facchinetti, S., Osmetti, S.A. and Tarantola, C. A statistical approach for assessing cyber risk via ordered response models, *Risk Analysis*, DOI: 10.1111/risa.14186, ISSN:1539-6924.

(2023) Facchinetti, S., Osmetti, S.A. and Tarantola, C. Networks Models for cyber attacks evaluation, *Socio-Economic Planning Science* Volume 87, Part B, 2023, 101584, ISSN 0038-0121, <https://doi.org/10.1016/j.seps.2023.101584>.

(2023) Iannario, M., Ntzoufras, I. and Tarantola, C. Zero Inflated Bivariate Poisson Regression Models for a sport (in)activity Data Analysis, in *Models for Data Analysis SIS 2018*, Palermo, Italy, June 20-22, Springer, pp. 161-173, ISBN 978-3-031-15884-1.

(2023) Agresti, A., Tarantola, C., Varriale, R. (2023). Simple Ways to Interpret Effects in Modeling Binary Data. In: Kateri, M., Moustaki, I. (eds) in *Trends and Challenges in Categorical Data Analysis*. Statistics for Social and Behavioral Sciences. Springer, Cham, pp.155-176. https://doi.org/10.1007/978-3-031-31186-4_5, ISBN 978-3-031-31185-7.

- (2021) Iannario, M., and Tarantola, C. How to Interpret the Effect of Covariates on the Extreme Categories in Ordinal Data Models, *Sociological Methods & Research*, SAGE, USA, <https://doi.org/10.1177/0049124120986179>.
- (2021) Iannario, M. and Tarantola, C. Effect measures for group comparisons in a two-component mixture model: a cyber risk analysis, in *Studies in Classification, Data Analysis and Knowledge Organization*, Balzano, S. et al. editors, pp. 97-106, Springer. ISBN 978-3-030-69943-7.
- (2021) Agresti, A., Tarantola, C. and Varriale, R. Interpreting Effects in Generalized Linear Modeling, in *Studies in Classification, Data Analysis and Knowledge Organisation*, Balzano, S. et al. editors, pp. 1-8, Springer. ISBN 978-3-030-69943-7.
- (2019) Ntzoufras, I., Tarantola, C. and Lupparelli, M. Probability Based Independence Sampler for Bayesian Quantitative Learning in Graphical Log-Linear Marginal Models, *Bayesian Analysis*, **14**, pp. 777-803, ISBA, USA. ISSN:1936-0975, doi: 10.1214/18-BA1128.
- (2018) Agresti, A. and Tarantola, C. Simple Ways to Interpret Effects in Modeling Ordinal Categorical Data, *Statistica Neerlandica*, **72**, pp. 210-223, Wiley, UK. ISSN: 0039-0402, doi: 10.1111/stan.12130.
- (2018) Bassetti, F., De Giuli, M.E., Nicolino, E. and Tarantola, C. Multivariate dependence analysis via tree copula models: An application to one-year forward energy contracts; *European Journal of Operational Research*, **269**, pp. 1107-1121, Elsevier, Netherlands. ISSN: 0377-2217, doi: 10.1016/j.ejor.2018.02.037.
- (2018) Greppi, A. De Giuli, M.E., Tarantola, C. and Dennis, M. Bayesian networks for financial market signals detection, in *Classification, (Big) Data Analysis and Statistical Learning*, Mola, F. et al. editors, Springer, pp. 219-226. ISBN: 978-3-319-55707-6, doi: 10.1007/978-3-319-55708-3_245 2017.
- (2017) Kateri, M. Gottard, A. and Tarantola, C. Generalized Quasi Symmetry Models for ordinal Contingency Tables, *Australian & New Zealand Journal of Statistics*, **59**, pp. 239-253, Wiley, UK. ISSN:1467-842X, doi: 10.1111/anzs.12194.
- (2016) Dalla Valle, L., De Giuli, M.E., Tarantola, C., and Manelli, C., Default Probability Estimation via Pair Copula Constructions, *European journal of Operational Research*, **249**, pp. 298-311, Elsevier, Netherlands. ISSN: 0377-2217, doi: 10.1016/j.ejor.2015.08.026.
- (2013) Tarantola, C., Ntzoufras, I. and Lupparelli, M. Graphical marginal log-linear models- a Bayesian perspective, *Sociological methodology*, **4**, pp. 109-113, SAGE, UK. ISSN: 0081-1750, doi: 10.1177/0081175013493395.
- (2013) Ntzoufras, I. and Tarantola, C. Conjugate and Conditional Conjugate Bayesian Analysis of Discrete Graphical Models of Marginal Independence, *Computational Statistics & Data Analysis*, **66**, pp. 161-177, Elsevier, Netherlands. ISSN: 0167-9473, doi: 10.1016/j.csda.2013.04.005.
- (2012) Tarantola, C., Vicard, P. and Ntzoufras, I. Monitoring and Improving Greek Banking Services Using Bayesian Networks: an Analysis of Mystery Shopping Data, *Expert Systems with Applications*, **39**, pp. 10103-10111, Elsevier, UK. ISSN: 0957-4174, doi: 10.1016/j.eswa.2012.02.060.

- (2012) Bormetti, G., De Giuli, M.E., Delpini, D. and Tarantola, C. Bayesian analysis of Value at Risk with product Partition Models, *Quantitative Finance*, **12**, pp. 769-780, Routledge-Taylor & Francis, group, UK. ISSN: 1469-7688, doi: 10.1080/14697680903512786.
- (2012) Piatti, G., Fasano, V., Cantarella, G., and Tarantola, C. Body Plethysmographic Study of Specific Airway Resistance (sRaw) in a Sample of Healthy Adults, *Respirology*, **17**, pp. 976-83, Wiley, UK. ISSN: 1323-7799 doi: 10.1111/j.1440-1843.2012.02206.x.
- (2010) De Giuli, M. E., Maggi, M. A. and Tarantola, C. Bayesian outlier detection in Capital Asset Pricing Model, *Statistical modelling*, **10**, pp. 375-390, SAGE, UK. ISSN: 1471-082X, doi: 10.1177/1471082X0901000402.
- (2008) Tarantola, C., Consonni, G. and Dellaportas, P. Bayesian clustering for row effects models, *Journal of Statistical Planning and Inference*, **138**, pp. 2223-2235, Elsevier, Netherlands. ISSN: 0378-3758, doi: 10.1016/j.jspi.2007.09.012.
- (2005) Dellaportas, P. and Tarantola, C. Model determination for categorical data with factor level merging. *Journal of the Royal Statistical Society, Series B*, **67**, pp. 269-283, Blackwell Publishing, UK. ISSN: 1369-7412, doi: 10.1111/j.1467-9868.2005.00501.x. The technical supplement containing demonstrations of the results presented in the article is available at <http://www.stat-athens.aueb.gr/~ptd/rssb.pdf>.
- (2004) Tarantola, C. MCMC Model determination for Discrete Graphical Models. *Statistical Modelling*, **4**, pp. 39-61, SAGE, UK. ISSN: 1471-082X, doi: 10.1191/1471082X04st063oa.
- (2002) Tarantola, C. and Vicard, P. Spanning trees and indentifiability of a single-factor model, *Statistical methods and applications*, **11**, pp. 139-152. Published by Springer-Verlag, Germany. ISSN: 1618-2510, doi: 10.1007/bf02511482.
- (1996) Giudici, P. and Tarantola, C. Global prior distributions for the analysis of discrete graphical models, *Journal of the Italian Statistical Society*, **5**, 1, 129-147. doi: 10.1007/BF02589585.

MANUSCRIPTS AND WORKS SUBMITTED FOR PUBLICATION

- (2023) Bedowska-Sójka, B., Tarantola, C., Mare, C., Ozturkkal, B., Paccagnini, A., Perri, R., Pisoni, G., Shala, A. and Skaftadóttir, H.K. Editorial boards of finance journals: the gender and social connectedness, Submitted.
- (2023) Lupporelli, M., Marchetti, G.M. and Tarantola, C. *Bi-directed Graph Models for Categorical Data-Parameterization and Inference* (book in preparation), publication contract signed with Springer Nature.
- (2023) Iannario, M. Kateri, M. and Tarantola, C. Modelling scale effects via a Bayesian approach: an application to decision making in public sector, submitted for publication.
- (2023) Dalla Valle, L. and Tarantola, C. Transparent Network and Graphical Models for FinTech Analysis, manuscript.

- (2022) Iannario, M. Kateri, M. and Tarantola, C. A Bayesian Mixture Modeling for rating data with an uncertainty component, manuscript.
- (2022) Ntzoufras, I. and Tarantola, C. An overview of Prior distributions for log-linear models, manuscript.
- (2012) Ntzoufras, I, and Tarantola C. Bayesian analysis of marginal Log-Linear graphical Models for Three Way Contingency Tables Technical report EPMQ, 178, ISSN: 2279-7807.
- (2000) Giudici, P., Green, P.J. and Tarantola, C. Efficient model Determination for Discrete Graphical Models. Technical report, 116, University of Pavia.

SELECTED CONFERENCE PROCEEDINGS

- (2023) Iannario, M. Tanda, A. and Tarantola, C. A latent variable approach to Millennials' knowledge of green finance, Book of the Short Papers SIS 2023, Editors: Chelli, F.M., Ciommi, M., Ingrassia, S., Mariani, F., Recchioni, M.C., Pearson pp. 506-511. ISBN 9 788891935618
- (2022) Iannario, M. and Tarantola, C. Comparing clusters via ordinal superiority measures: a Bayesian approach, ECDA 2022 book of abstracts, Naples.
- (2022) Iannario, M., Tarantola, C. and Ntzoufras, I. A Regularized Ordinal Regression approach for estimation and cluster identification in perceived risk data analysis, ICRA9 9th International Conference on Risk Analysis Perugia (Italy) - 25-27 May 2022.
- (2022) Facchinetti, S., Iannario, M., Osmetti, S. and Tarantola, C. Unfolding models for ordinal data in cyber risk assessment, Proceedings of the 33rd Conference of the Greek Stochastic Institute 39-45, ISSN: 1792-2461.
- (2022) Iannario, M. and Tarantola, C. Modelling scale effects via a Bayesian approach: an application to decision making in public. *Book of short papers, IES 2022*, Rosario et al publishers, PKE, Sesto San Giovanni (MI), ISBN 978-88-94593-35-8 (print)-ISBN 978-88-94593-36-5 (online).
- (2021) Iannario, M. and Tarantola, C. A semi-Bayesian approach for the analysis of scale effects in ordinal regression models, *Book of Abstracts and Short Papers, Cladag 2021*, Porzio et al. editors, Firenze University Press, pp 124-126. ISSN 2704-601X (print) - ISSN 2704-5846 (online).
- (2020) Iannario, M., and Tarantola, C. Bayesian Inference for modelling the Uncertainty by a Mixture Model for rating data, *Proceedings of the 35th International Workshop on Statistical Modelling, IWSM2020*. ISBN 978-84-1319-267-3.
- (2020) Facchinetti, S., Osmetti, S.A. and Tarantola, C. How to perform cyber risk assessment via cumulative logit models, *Book of short papers SIS 2020*, Pearson, pp. 1083-1086. ISBN: 9788891910776.
- (2019) Facchinetti, S. and Tarantola, C. Ordered response models for cyber risk, *Book of Short Papers SIS2019*, pp. 305-311. ISBN 9788891915108.

- (2019) Iannario, M. and Tarantola, C. Marginal effects for comparing groups in regression models for ordinal outcome when uncertainty is present, *Book of Short Papers, Cladag 2019*, pp. 258-261, ISBN 978-88-8317-108-6.
- (2018) Tarantola, C., Ntzoufras, I. and Lupporelli, M. Bayesian Estimation of Graphical Log-Linear Marginal Models, *Book of short Papers SIS 2018*, Pearson, ISBN: 9788891910233.
- (2018) Mantzouni, K., Tarantola, C. and Ntzoufras, I. Power Priors for Bayesian Analysis of Graphical Models of Conditional Independence in Three Way Contingency Tables, *Book of short Papers SIS 2018*, Pearson. ISBN: 9788891910233.
- (2017) Agresti, A. and Tarantola, C. Simple effect measures for interpreting models for ordinal categorical data, *Proceedings of the 32nd International Workshop on Statistical Modelling*, Groningen, Netherlands, pp. 252-257.
- (2015) De Giuli, M., Gottardo, P., Moisello, A. M. and Tarantola, C. Bayesian networks for firm performance evaluation, *CLADAG 2015 10th Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society*, Mola, F. and Conversano, C. editors, CUEC, Cagliari, Italy, pp. 302-306. ISBN: 978-88-8467-749-9.
- (2015) Greppi, A., De Giuli, M.E. and Tarantola, C. Bayesian networks for stock picking, *CLADAG 2015 10th Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society*, edited by Mola, F. and Conversano, C., CUEC, Cagliari, Italy, pp. 302-306. ISBN: 978-88-8467-749-9.
- (2013) Tarantola, C., and Ntzoufras, I. Bayesian Analysis of discrete Bi-directed Graphical Models via Augmented DAG Representation, *Advances in Latent Variables*, Vita e Pensiero, Milano, ISBN: 9788834325568.
- (2011) Tarantola, C., Vicard, P. and Ntzoufras, I. Mystery shopping at Greek banks: a Bayesian network analysis. *CLADAG 2011*, Pragma Congressi, Pavia. ISBN: 9788890663901.

NATIONAL RESEARCH PROJECTS

- 1998-2000: member of the Pavia research unit of the M.U.R.S.T. scientific research project, ex quota 40%, entitled "Statistical models: probabilistic bases and procedures for inference and decisions", project coordinator Prof. W. Racugno.
- 2001: granted as Principal Investigator (PI) under the Young Researchers Project by the University of Pavia, for the project titled 'Choice of Identifiable Factor Analysis Models.
- 2001-2003: member of the Pavia research unit of the research project PRIN2001, entitled "Bayesian networks and graphical models: methodological and computational developments for applications", project coordinator Prof. G. Consonni.
- 2003-2005: member of the Pavia research unit of the PRIN2003 research project entitled 'Causal Bayesian networks: compatible initial distributions, identifiability, dynamic aspects, applications to marketing and web mining', project coordinator Prof. G. Consonni.

- 2005-2007: member of the Pavia research unit of the PRIN2005 research project entitled "Bayesian analysis of contingency tables: initial distributions and marginal models", project coordinator Prof. G. Consonni.
- 2008-2010: member of the Pavia research unit of the PRIN2007 research project, entitled "Hypothesis testing and model comparison for discrete multidimensional data: Bayesian approach and applications to grade assignment in schools", project coordinator Prof. G. Consonni.
- 2018: member of the research group of the Department of Economic and Business Sciences of the University of Pavia of the project entitled "Time to Care: Supporting Formal and Informal Care giving as Related Network", funded through the Cariplo Call for Proposals "Social Research on Ageing People, Places and Relationships". The project involved the collaboration of three research units: Association for Social Research (ARS) Milan, Associazioni Cristiane Lavoratori Italiani (ACLI) Lombardia and University of Pavia (Department of Economics and Management). Project coordinator, Prof. C. Di Novi.
- 2022-2025: member of the Pavia research unit of the PRIN 2020 research project "Fin4Green - Finance for a Sustainable, Green and Resilient Society Quantitative approaches for a robust assessment and management of risks related to sustainable investing". National coordinator Prof. M. Billio.

INTERNATIONAL RESEARCH PROJECTS

- 1998-1999: member of the Pavia unit in the research network 'Highly Structured Stochastic Systems, HSSS,' funded by the European Science Foundation (E.S.F.). Coordinators: Prof. P.J. Green (University of Bristol, U.K.) and Prof. S.L. Lauritzen (Aalborg University, Denmark).
- 1998-2002: member of the Pavia unit in the research project 'Statistical and computational aspects of the analysis of spatial data,' part of the TMR (Training and Mobility of Researchers) research network funded by the European community, project code ERB-RFMRX-CT96-0095. Project coordinator Prof. G.O. Roberts, Lancaster University, U.K.
- 2010-2011: scientific responsibility of the University of Pavia unit in the international research project "Bayesian Analysis of Marginal Association Log-Linear Models with Graphical Model Representation," funded by the "Basic Research Funding Program" (AUEB), through a competitive call with international referees. Project coordinator Prof I. Ntzoufras.
- 2019-2020: member of the Pavia unit team of the European Horizon2020 project "FIN-TECH: Financial supervision and Technological compliance." Project coordinator Prof. P. Giudici.

- 2021-2025: Italian member of the Management Committee of the COST Action (European Cooperation in Science and Technology) number CA19130 entitled "Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry" (<https://fin-ai.eu/> and https://wiki.fin-ai.eu/index.php/Main_Page). Member of the core group, co-leading the project's Diversity team (<https://fin-ai.eu/diversity/>); member of the project's "Short term strategic mission and Inclusiveness Target Countries Conference Grant committee"; member of the project's "Dissemination Conferences committee". Coordinator of the Pavia research unit.

FUNDING AND COOPERATION FROM COMPANIES AND INSTITUTIONS

- 28 November 2013-31 March 2017: coordinator and scientific responsible (PI) of the research project "Multivariate Statistical Analysis for Extreme Value Risk Management in Energy Markets", funded by ENEL S.P.A. (open contract 8400057081). The contract was stipulated in November 2013 with an initial duration of 24 months. In light of the results obtained during the first phase, the contract was renewed for a further 12 months. Amount financed 120000 Euro.
- From 2018 to date: she collaborates with the research, consultancy and training company Synergia S.r.l <http://www.synergia-net.it/>.

CONFERENCE ORGANISING ACTIVITIES

- 2000: member of the local organising committee of the conference 'Statistical Models for Data Mining Applications (SMDM-2000)', 25-26 October 2000, Pavia, <http://www-1.unipv.it/relest/baystat.htm>.
- 2005: member of the local organising committee of the conference 'MCMSKI: The Past, Present, and Future of Gibbs Sampling', 2nd IMS-ISBA Joint Meeting. Bormio 12-14 January 2005. <http://alien.eco.uninsubria.it/IMS-ISBA-05/>.
- 2008: member of the organising and scientific committee of the 'First Athens Pavia meeting on Statistics', Mati, Attica, Greece, 3-6 June 2008, <http://www.stat-athens.aueb.gr/~pavia/>.
- 2008: member of the local organising committee of the conference "MCMSki: Markov chain Monte Carlo in Theory and Practice", 3rd IMS-ISBA Joint Meeting. Bormio 09-11 January 2008. <http://musing.unipv.it/IMS-ISBA-08/>.
- 2010: member of the organising and scientific committee of the 'Greco Italian meeting on Statistics', 23-25 September 2010, Porto San Paolo, <http://economia.unipv.it/sardinia2010/index.htm>.
- 2011: member of the local organising committee of the conference "Cladag 2011, 8th Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society", University of Pavia, September 7-9, 2011. In collaboration with Paola Cerchiello, she was editor of the Book of Abstracts and the Book of Short Papers.
- 2015: member of the organising and scientific/programme committee of the '3rd Meeting on Statistics', 24-26 June 2015, Athens University History Museum <http://stat-athens.aueb.gr/~athens-meeting-stats/>.

- 2015: member of the Senior Programme Committee (SPC) of the international '2015 Uncertainty in AI (UAI) Conference' Amsterdam 12-16 July 2015, <http://auai.org/uai2015/>.
- 2015: Session organiser at the conference "CFE-CMSTATISTICS 2015", 12-14 December 2015 London. Session title: Copula models and applications.
- 2016: member of the Senior Programme Committee (SPC) of the international '2016 Uncertainty in AI (UAI) Conference' New York 25-29 June 2016, <http://www.auai.org/uai2016/SPC.php>.
- 2017: member of the scientific committee and organising committee of the conference "Statistics4@Florence", 3-5 July 2017, Plesso didattico Capponi, University of Florence. <https://sites.google.com/universitadipavia.it/statistics4-florence/home>.
- 2019: member of the scientific committee and organising committee of the first Hermes PhD workshop entitled 'The crisis of the banking system in Europe', 4-5 July 2019, Strasbourg.
- 2019: member of the scientific committee and organising committee of the conference "Statistics5@Aegina (5th Meeting on Statistics)", 6-8 September 2019 Aegina (Greece) <https://aueb-analytics.wixsite.com/statistics5>.
- 2021: Member of the Scientific Committee and Organising Committee of the conference 'Women in Fintech' (online). The conference is part of the activities of the Diversity Team of the COST Action 'Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry'.
https://www.meetup.com/it-IT/Fintech_AI_in_Finance/events/277522776 (day I)
https://www.meetup.com/it-IT/Fintech_AI_in_Finance/events/277522780/ (day II)
- 2021: Session organiser at the conference "Cladag 2021", Florence 9-11 September 2021. Session title 'Recent developments in the statistical analysis of categorical data'.
- 2021: Member of the scientific committee and organising committee of the second HERMES PhD Workshop entitled 'Let the data speak to you: Empirical results in Economics and Management research', Pavia, 7-8 October 2021. <https://sites.google.com/universitadipavia.it/hermesworkshop/home>.
- 2022: Member of the scientific committee and organising committee of the conference "Diversity Challenges and Opportunities in Fintech". 16-17 May, Naples. The conference is part of the activities of the Diversity Team of the COST Action "Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry".
- 2022: Member of the organising committee of the conference "Women in Fintech and AI II" Tirana, 21-22, September. <https://fin-ai.eu/womeninfintech2022/>
- 2023: member of the scientific committee and of the international organising committee of the conference "Diversity challenges and Stakeholders' engagement in Finance and FinAI" organised by COST Action CA 19130 Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry" (<https://fin-ai.eu/>) and FINCRIME (<https://fincrimenet.net/>), in partnership with the Faculty of Economics and Business (FEBA) of Babeş-Bolyai University in Cluj-Napoca, the Romanian Financial Supervisory

Authority (ASF) and the Romanian Institute of Financial Studies (ISF).
<https://fin-ai.eu/2023/01/24/conference-diversity-challenges-and-stakeholders-engagement-in-finance-and-finai/>

- 2023: Member of the organising and programme committee of the "2nd workshop on Environmental Finance for the Common Good. Diversity challenges for a sustainable Fintech" Pavia 13-14 April 2023. <https://efcg2023.sciencesconf.org/>
- 2023: Member of the programme committee of the conference 'Women in fintech III', Coimbra 2-3 June 2023. The conference is part of the activities of the Diversity Team of the COST Action 'Fintech and Artificial Intelligence in Finance - Towards a transparent financial industry'. <https://fin-ai.eu/womeninfintech2023/>
- 2023: invited session organiser at the conference SIS 2023 - Statistical Learning, Sustainability and Impact Evaluation. Ancona 21 -23 June 2023. Title of the session "Challenges towards Fairness and Transparency for Data Processes, Algorithms and Decision-Support Models".
- 2023: member of the programme committee of the conference Statistics@Naples, Naples 28-30 June 2023, <https://indico.unina.it/event/67/>.
- 2024: member of the scientific committee of the International workshop on statistical modelling (IWSM 2024), Durham, 14-19 July 2024, <https://maths.dur.ac.uk/iwsm2024/>

CONFERENCES AND WORKSHOPS

In the course of his academic career, she has participated in numerous conferences and specific courses, presenting an oral communication or a paper in the form of a poster (where indicated) at most of them. The main ones are listed below.

- 30 May-4 June 1998: "6th Valencia International Meeting on Bayesian Statistics", Alcossebre, Spain (poster). Title of poster: Model Determination for Discrete Graphical Models.
- 14-18 September 1999: Presented an oral communication to the Second European Conference on 'Highly Structured Stochastic Systems', Pavia, Italy. Communication title: An Algorithm for Exploring the Space of identifiable Models with one latent variable.
- 3-15 March 2000: *Invited speaker* at the workshop on 'Data Analysis with Graphical Models' organized by the European network HSSS (Highly Structured Stochastic Systems), Munich, Germany. Communication Title: Spanning Trees and Identifiability of a Single-Factor Model.
- 17-21 September 2000: Presented an oral communication at the European TMR network conference on 'Computational and Statistical Methods for the Analysis of Spatial Data', Ambleside, UK (oral communication). Communication Title: Spanning Trees and Identifiability of a Single Factor Model.
- 2-6 June 2002: "7th Valencia International Meeting on Bayesian Statistics", Tenerife, Spain (poster). Poster title: On the dimensionality reduction of contingency tables.
- 10-13 February 2003: *Invited speaker* at the conference 'AMAM 2003' (Applied Mathematics and Application of Mathematics), Nice, France. Presentation Title:

MCMC Model Determination for Discrete Graphical Models.

- 4-7 September 2003: *Invited speaker* at the conference 'SCO2003: Complex Models and Intensive Computational Methods for Estimation and Forecasting', Treviso, Italy. Presentation Title: Some Notes on Dynamic Decision Graph. For more information, visit: <http://www.dst.unive.it/sco2003>
- 9-11 June 2004: Presented an oral communication at the "XLII Scientific Meeting of the Italian Statistical Society", Bari, Italy. Presentation Title: Model Selection for Categorical Data with Factor Level Mergings.
- 13-14 June 2005: *Invited speaker* at the workshop 'Random Graphs and Stochastic Computation', SAMSI, Research Triangle Park, North Carolina, USA. Presentation Title: MCMC Methods for Discrete Graphical Models.
- 4 July 2006: *Invited speaker* at 'Cathie Marsh Centre for Census and Survey Research', Manchester, UK. Presentation Title: MCMC for Discrete Graphical Models.
- 4-7 September 2006: Presented an oral communication at the 'Amases' conference, Trieste, Italy. Presentation Title: A Bayesian Analysis of CAPM Based on Product Partition Models.
- 8-12 July 2007: Presented an oral communication at the "22nd European Conference on Operation Research (Euro XXIII)", Prague, Czech Republic. Presentation Title: Optimal Clustering in Bayesian Capital Asset Pricing Model.
- 14-16 September 2009: Presented an oral communication at the conference "S.Co. 2009", Milan, Italy. Presentation Title: Bayesian Analysis of D-decomposable Bidirected Graphical Models for Discrete Data.
- 25 May 2010: *Invited speaker* at the Department of Statistics, AUEB, Greece. Presentation Title: Bayesian Analysis of D-decomposable Bidirected Graphical Models for Discrete Data.
- 1 June 2011: *Invited speaker* at the Department of Mathematics, University of Ioannina, Greece. Presentation Title: Bayesian Analysis of Graphical Log-Linear Models of Marginal Association.
- 7-9 September 2011: Presented an oral communication at the conference "Cladag 2011", Pavia, Italy. Presentation Title: Mystery Shopping at Greek Banks: A Bayesian Network Analysis.
- 19 June 2013: Presented an oral communication at the conference "SIS 2013", Faculty of Economics, Brescia. Presentation Title: Bayesian Analysis of Discrete Bi-directed Graphical Models via Augmented DAG Representation.
- 12 March 2014: *Invited speaker* at the School of Computing and Mathematics, University of Plymouth, UK. Presentation Title: MCMC Strategies for the Analysis of Discrete Graphical Models of Marginal Independence.
- 6-8 December 2014: Presented an oral communication at the "ERCIM 2014" conference, Pisa. Presentation Title: Default Probability Estimation via Pair Copula Constructions.
- 15-17 September 2016: *Invited speaker* at the conference "Amases XL", Catania. Presentation Title: Multivariate Dependence Analysis via Tree Copula Models: an Application to Energy Market.
- 6-8 December 2017: *Invited speaker* at the CMStatistics 2017 conference. Presentation Title: Probability-Based Independence Sampler for Bayesian Quantitative Learning in Graphical Log-Linear Marginal Models.

- 2018: *Invited speaker* (speed talk) at the conference "Challenges for Categorical Data Analysis (CCDA 2018)", RWTH Aachen University. Presentation Title: Some Issues on Bayesian Analysis of Binary Bidirected Graphs. Link.
- 22-23 October 2018: *Invited speaker* at the conference "CFE-CMStatistics 2018", Pisa, Italy. Presentation Title: Some Issues on Bayesian Analysis of Binary Bidirected Graphs.
- 16 November 2020: *Invited speaker* Durham University, UK. Presentation Title: Some Issues on Bayesian Analysis of Graphical Log-Linear Marginal Models.
- 14 January 2021: *Invited speaker* at the conference "Recent Security Advances in the Finance Sector, Cost-Effective Resilience for the Connected Digital Finance Ecosystem". Presentation Title: A Statistical Approach for Assessing Cyber Risk via Ordered Response Models.
- 29 April 2021: *Invited speaker* at the Dublin De-Fi and Digital Finance and Financial Services Workshop and Mini-Conference (D3FSC). Presentation Title: A Statistical Approach for Assessing Cyber Risk via Ordered Response Models.
- 26 September 2021: *Invited speaker* at the Conference & International Workshop of the Greek Statistical Institute (GSI2021). Presentation Title: Unfolding Models for Ordinal Data for Cyber Risk Assessment.
- 12-13 May 2022: *Invited speaker* (speed talk) at the conference "Challenges for Categorical Data Analysis (CCDA 2022)". Presentation Title: Bayesian Uncertainty Mixture Modeling for Ordinal Data. Link.
- 14-16 September 2022: *Solicited paper* at the ECDA 2022 conference, Naples. Presentation Title: Comparing Clusters via Ordinal Superiority Measures: A Bayesian Approach.
- 25-27 May 2022: *Invited speaker* at ICRA9 9th International Conference on Risk Analysis, Perugia, Italy. Presentation Title: Regularized Ordinal Regression Approach for Estimation and Cluster Identification in Perceived Risk Data Analysis.
- 14-16 September 2022: Oral communication at the European Conference on Data Analysis, Naples, Italy. Presentation Title: Comparing Clusters via Ordinal Superiority Measures: A Bayesian Approach.
- 2-3 June 2023: *Invited speaker* at the conference 'Women in Fintech III', Coimbra, Portugal. Presentation Title: Unfolding Models for Ordinal Data for Cyber Risk Assessment.
- 28-30 June 2023: *Invited speaker* at the conference Statistics@Naples, Naples, Italy. Presentation Title: Bayesian Effect Measures for a Location Scale Model.

OTHER WORKSHOPS AND SPECIFIC COURSES

- September 1995: Summer Statistics course organised by the Italian Statistical Society; course topic 'Statistical Inference', Varese, Italy.
- 10-14 February 1997: International course on 'Bayesian modelling of complex biomedical data', Pavia, Italy.
- 23 June-4 July 1997: summer school on 'Computational Statistics' organised by the 'International Association for Statistical Computing' (IASC), Padua, Italy
- September 1997: Summer school on 'Probabilistic Graphical Models', organised by the Isaac Newton Institute for Mathematical Sciences, Cambridge, UK.

- 27 September-7 October 1996: International school on 'Learning in Graphical Models', organised at the Ettore Majorana centre in Erice, Trapani, Italy.
- January 1998: European TMR network conference on 'Computational and Statistical Methods for the Analysis of Spatial Data', Aussois, France.
- August 1998: Summer school organised by the European HSSS network on 'Markov Chain Monte Carlo methods', Aalborg, Denmark.
- 26-30 July 1998: workshop on 'Randomised Algorithms and Stochastic simulations', Warwick, UK.
- 7-13 October 2001: 'European Course in Advanced Statistics (ECAS), Bayesian Statistics and Financial Econometrics', Lugano, Switzerland.
- 25 October 2001: workshop 'Statistical methods for data mining applications', Pavia, Italy.
- 15-19 June 2004: 'ABS04-Applied Bayesian School Statistics and Gene Expression Genomics: Methods and Computations', Trento, Italy.
- April 2005: 'Workshop on statistical models and causality', Perugia, Italy.
- 16-18 March 2009. Participation in the conference 'Causal Inference: State of the Art', Cambridge, UK.
- 20-22 December 2014, Greek Stochastics ζ', Athens, Greece.

COLLABORATIONS WITH PhD PROGRAMS

- Since the academic year 2016/2017, she has been a member of the teaching board of the PhD programme "Doctorate in Applied Economics and Management (DAEM)", formerly known as "Doctorate in Economics and Management of Technology (DREAMT)". In 2013 and 2014, she served as a lecturer for the Statistics course (12 teaching hours) for the aforementioned PhD program.
- Since 2021: tutor of PhD student Sofia Giantsidi, PhD programme in Applied Economics & Management, cycle XXXIII. Co-tutor Prof. Petros Dellaportas (AUEB, Greece and UCL, UK).
- From 2013 to 2016, she was the tutor for Enrica Nicolino's PhD thesis titled "Bayesian Analysis of AR Copula Models with Tree Structural Representation", completed under the PhD in Mathematics and Statistics, XXIX cycle. This included joint supervision with Federico Bassetti. Enrica Nicolino's research activity was funded through a research grant (coordinated by Claudia Tarantola) within the research project "Multivariate Statistical Analysis for Extreme Value Risk Management in Energy Markets," funded by the company ENEL S.P.A. (open contract no. 8400057081).
- In 2018, she co-tutored the doctoral thesis of Katerina Mantzouni from the Department of Statistics, AUEB (with Prof. I. Ntzoufras as the main tutor). The dissertation's topic was "Bayesian Model Selection for Multivariate Contingency Tables."

Since 2005, she has been a member of several doctoral final committees, in particular

- 2005: Doctoral School in 'Economics and Quantitative Methods', XVI cycle, University of Roma Tre, PhD student Paolo Righi, title of the thesis 'Treatment of non-response in longitudinal surveys using recursive graphical models.'

- 2011: Doctoral School in "Economics and Quantitative Methods", XVI cycle, University of Roma Tre, PhD student Flaminia Musella, thesis title "Structural learning of Bayesian networks from ordinal data".
- 2013: Doctoral School in 'Statistics', Athens University of Economics and Business, PhD student Dimitrios Giannikis, thesis title 'Modelling Financial Time Series Using nonlinear and nonparametric Bayesian Networks';
- 2016: PhD in "Applied Statistics", cycle XXVII, University of Florence, PhD student Luigi Biondi, thesis title "Identifiability of Discrete Hierarchical Models with One Latent Variable".
- 2018: PhD in "Mathematics, Informatics, Statistics" XXX cycle, University of Florence PhD student Marco Colpo, thesis title "The relationship between food intake and depressive symptoms".
- 2021: PhD in "Modelling and Data Science", University of Turin PhD student Luigi Risto, title of the thesis "Use of Graphical Models in the field of Dimensionality Reduction".

EDITORIAL BOARDS

- From 1 January 2023 *Associate Editor* of Journal of the American Statistical Association (JASA),
- 2020 *Guest Editor* for the special issue 'Women in Fintech' for Digital Finance magazine, Springer. (<https://tinyurl.com/4f4vk7ae>).
- 2023 *Associate Editor*, Frontiers in Applied Mathematics and Statistics for the special issue on Advanced Statistical Modelling for Fintech, Financial Inclusion, and Inequality.

REFeree ACTIVITIES

- Since 2002, she has acted as REFeree for the following scientific journals:

Applied Stochastic Models in Business and Industry;
 Applied Statistics;
 Bayesian Analysis;
 Biometrika;
 Biometrical Journal;
 Chilean Journal of Statistics;
 Communication in Statistics: Simulation and Computation;
 Computational Statistics & Data Analysis;
 Digital finance;
 European Journal of Operational Research;
 International Statistical Review;
 Machine Learning;
 Metron;
 Journal of Applied Statistics;
 Journal of Statistical Computation and Simulation;

Journal of Statistical Planning and Inference;
Journal of the Royal Statistical Association, Series B;
Journal of the Royal Statistical Association, Series C;
Scandinavian Journal of Statistics;
Sociological Methodology;
Statistical Methods & Applications;
Dutch Statistics;
Applied Statistics;
Statistics and Computing;
Soft Computing.

4) OTHER INFORMATION

SCIENTIFIC ASSOCIATIONS AND SOCIETIES

- Italian Statistical Society (SIS);
- CLAssification and Data Analysis Group (Cladag) of the Italian Statistical Society;
- Member of the ERCIM Working Group on Computational and Methodological Statistics (CMStatistics);
- International Society for Bayesian Analysis (ISBA).

COMPUTER SKILLS

Mathematical and statistical packages: SPSS, SAS, S-Plus, Win-BUGS, Hugin and MIM.

Programming languages: Fortran, Matlab, R.

Word processing programmes: Word and Latex.

Pavia 19/10/2023



Claudia Tarantola