

Plenary sessions - detailed

TITLE	TYPE SESSION	ORGANIZER	SPEAKER	SPEAKER	SPEAKER	SPEAKER	MODERATORE / DISCUSSANT	DAY	START	END	ROOM
Smart ageing: lunga vita attiva, salute e nuove tecnologie	Tavola Rotonda	Maria Prosperina Vitale, Alessandro Rosina, Giulia Rivellini	Maria Chiara Carrozza	Stefano Campostrini	Alessandra De Rose	Annibale D'Elia	Francesco Cancellato	06/19/2019	17:15	18:30	Aula Magna
Smart Statistics: concept, technology and service	Plenary with discussant	Salvatore Ingrassia	Maurizio Vichi				Michael Skaliotis	06/20/2019	11:30	12:45	Aula Magna
Shallow learning for data science	Plenary	Saverio Ranciati	Antonio Canale					06/21/2019	10:30	11:30	Aula Magna

Invited (I.) and Contributed (CO.) sessions @a glance

Room	I. 1 19/06/2019, 10:30 - 12:00	CO. 1 19/06/2019, 12:00 - 13:00	I. 2 19/06/2019, 14:15 - 15:45	CO. 2 19/06/2019, 16:00 - 17:15	CO. 3 20/06/2018, 08:30 - 09:45	I. 3 20/06/2019, 10:00 - 11:30	I. 4 20/06/2019, 14:00 - 15:30	CO. 4 20/06/2019, 15:45 - 16:45	I. 5 21/06/2019, 08:30 - 10:00
G. 052	1. Statistical modelling of spatial and temporal data: a functional data analysis perspective - Chair: Di Battista	1. Exploiting network and big data - Chair: Abbruzzo	1. [ENBIS] Industry in a smart world - Chair: Vicario	1. Methodological 1 - Chair: Montanari	1. Modeling large data set - Chair: Brazzale	1. Time series and filtering - Chair: Luati	1. Nonparametric Inference for complex data - Chair: Parella	1. Statical tools for sport - Chair: Porro	1. The interactions between environment and human health: encountering big data - Chair: Cocchi
G. 053	2. Data matching for smart decision - Chair: Ferrante	2. Financial statistics - Chair: Pedrini	2. Statistical methods for Cyber Risk - Chair: Osmetti	2. Analysis of migration in Italy - Chair: Castelletti	2. Data collection and management - Chair: Schlosser	2. Smart tools for social media and social networks - Chair: Zaccarin	2. From big data to smart statistics: the path so far in Official Statistics - Chair: Zardetto	2. Time series analysis and forecasting - Chair: Micheletti	2. Text mining - Chair: Tuzzi
G. 152	3. [YSIS] Think outside of the black-box: statistical reasoning in applications - Chair: Rigon	3. Spatial statistics - Chair: Guglielmi	3. Data mining and smart applications for healthcare - Chair: Giordano	3. Bayesian methodology and application - Chair: Franco Villoria	3. Functional data: theory and application - Chair: Pini	3. [AISP] Innovative methods in demography - Chair: Furfaro	3. [GRASPA] Statistical models for climate data - Chair: Fassò	3. Statistical analysis of new generation of mobility - Chair: Calissano	3. [SISBayes] Bayesian methods for complex dependence structures - Chair: Herring
G. 153	4. [SQVS] Statistical models for economic and financial assessments - Chair: D'Ambra	4. Smart society - Chair: Lamberti	4. Statistics for smart cities - Chair: Chiodi	4. Smart tools - Chair: Manzi	4. Social media applications - Chair: Paroli	4. Smart data for smart health - Chair: Di Serio	4. Statistics, law and algorithms - Chair: Deldossi	4. Societal issues - Chair: Mussini	4. New inferential tools for complex sample surveys - Chair: Conti
G. 252	5. Bayesian methods for species sampling and privacy - Chair: Mira	5. Health sector applications - Chair: Mazzuco	5. Analysis of functional and complex data with environmental applications - Chair: Vantini	5. Clustering and calssification - Chair: Pappadà	5. Methodological 2 - Chair: Novelli	5. Uncertainty, risk and forecasting: perspectives and new methods for complex processes - Chair: Adelfio	5. Smart boxes for insurance companies - Chair: Zappa	5. Enviromental studies - Chair: Corradin	5. Statistics in sports - Chair: Egidi
G. 253	6. Methods for datastream data - Chair: Balzanella	6. Discrete choice models - Chair: Di Brisco	6. [S2G] Smart survey methods and applications - Chair: Petrucci			6. Big data in Central Banks - Chair: Cannari		6. Labour statistics - Chair: Tocchioni	6. [SDS] New frontiers in financial technologies: smart models for Fintech - Chair: Giudici

NOTE: the chair of the contributed sessions is the speaker of the last talk

Invited sessions with discussant (specialized) - detailed

TITLE	ORGANIZER	CHAIR	DISCUSSANT	AUTHORS 1	CONTR. 1	AUTHORS 2	CONTR. 2	AUTHORS 3	CONTR. 3	N. SESSION	DAY	START	END	ROOM
Methods for datastream data	Antonio Balzanella	Antonio Balzanella	TBA	Gianluca Sottile, Paolo Frumento	<i>Non-crossing parametric quantile functions: an application to extreme temperatures</i>	Rayane El Sibai, Youssa Chabchoub, Raja Chiky	<i>Sampling, qualification and analysis of data streams</i>	Stefano Antonio Gattone, Francesca Fortuna, Tonio Di Battista	<i>Clustering functional data streams</i>	I. 1.6	06/19/2019	10:30	12:00	G. 253
[ENBIS] Industry in a smart world	Grazia Vicario	Grazia Vicario	Biagio Palumbo	Nicolas Bousquet, Walid Dabachine	<i>Statistical calibration of the digital twin of a connected health object</i>	Antonio Pievatolo, Ettore Lanzarone, Marco Diani, Marcello Colledani	<i>A population balance model for the recycling of waste electrical and electronic equipment: a laboratory experience</i>	Jairo Cugliari	<i>Scalable Clustering of Individual Electrical Curves for Profiling and Bottom-Up Forecasting</i>	I. 2.1	06/19/2019	14:15	15:45	G. 052
Statistical methods for Cyber Risk	Silvia Osmetti	Silvia Osmetti	Andreeva Galina	Silvia Facchinetti, Claudia Tarantola	<i>Order response models for cyber risk</i>	Emanuela Raffinetti, Paolo Giudici	<i>A rank graduation index to prioritise cyber risks</i>	Raffaele Tartaglia Polcini, Claudia Biancotti, Riccardo Cristadoro	<i>Statistical sources for cybersecurity and measurement issues</i>	I. 2.2	06/19/2019	14:15	15:45	G. 053
Data mining and smart applications for healthcare	Giuseppe Giordano	Giuseppe Giordano	Paolo Mariani	Stefano Campostrini, Lucia Zanotto	<i>Technologies and data science for a better health both at individual and population level. Two practical research cases</i>	Francesco Palumbo, Antonio Cerrato, Michela Ponticorvo, Onofrio Gigliotta, Paolo Bartolomeo, Orazio Miglino	<i>Behavioral Spatial Trajectories Clustering in Neuropsychological Assessment</i>	Marialuisa Restaino, Hongsheng Dai	<i>Nonparametric Bivariate Survival Function under Censored and Truncated Data: Some Applications to Healthcare Datasets</i>	I. 2.3	06/19/2019	14:15	15:45	G. 152
Smart tools for social media and social networks	Susanna Zaccarin	Susanna Zaccarin	Giuseppe Giordano	Alberto Caimo, Isabella Gollini	<i>Modelling weighted signed networks</i>	Domenico De Stefano, Francesco Santelli	<i>A proposal for an integrated approach between sentiment analysis and social network analysis</i>	Emma Zavarrone, Guido Ferilli	<i>Dimensions and links for Hate Speech in the social media</i>	I. 3.2	06/20/2019	10:00	11:30	G. 053
[AISP] Innovative methods in demography	Emanuela Furfaro	Emanuela Furfaro	Stefano Mazzuco	Adrian E. Raftery	<i>Estimation of Emigration and Return Migration Flows Between All Pairs of Countries</i>	Diego Alburez-Gutierrez	<i>Demography in the Digital Era: New Data Sources for Population Research</i>	Paolo Valente	<i>New methods and data sources for the population census</i>	I. 3.3	06/20/2019	10:00	11:30	G. 152
Smart data for smart health	Clelia Di Serio	Clelia Di Serio	Clelia Di Serio	Ernst C. Wit	<i>Statistical network science in biomedical application</i>	Elena Bottinelli	<i>Data-integration in improving hospitals efficacy indicators: a stakeholder perspective</i>	Roberto Buccione	<i>Data sharing for reproducibility in biomedical and clinical research</i>	I. 3.4	06/20/2019	10:00	11:30	G. 153
Uncertainty, risk and forecasting: perspectives and new methods for complex processes	Giada Adelfio	Giada Adelfio	Jorge Mateu	Antonio Balzanella, Antonio Irpino, Rosanna Verde	<i>A new ordinary kriging predictor for histogram data in L2-Wasserstein space</i>	Siino Marianna, Francisco J. Rodriguez-Cortés, Jorge Mateu, Giada Adelfio	<i>Classification of spatio-temporal point pattern in the presence of clutter using K-th nearest neighbour distances</i>	Renata Rotondi, Elisa Varini	<i>On the examination of a criticality measure for a complex system in a forecasting perspective</i>	I. 3.5	06/20/2019	10:00	11:30	G. 252
Nonparametric Inference for complex data	Maria Lucia Parrella, Pietro Coretto	Maria Lucia Parrella	Domenico Vistocco	Luigi Augugliaro, Gianluca Sottile, Veronica Vinciotti	<i>An extension of the censored Gaussian lasso estimator</i>	Marco Di Marzio, Stefania Fensore, Agnese Panzera, Charles Taylor	<i>Spherical regression with local rotations and implementation in R</i>	Niklas Pfister, Stefan Bauer, Jonas Peters	<i>Causal KinetiX: Learning stable structures in kinetic systems</i>	I. 4.1	06/20/2019	14:00	15:30	G. 052
From big data to smart statistics: the path so far in Official Statistics	Diego Zardetto	Diego Zardetto	Monica Scannapieco	Giorgio Alleva	<i>The path for using Big Data sources in Istat</i>	Piero Demetrio Falorsi	<i>Istat's Experimental Statistics based on Big Data</i>	Michail Skaliotis, Fabio Ricciato, Albrecht Wirthmann, Konstantinos Giannakouris	<i>The road to Trusted Smart Statistics@ a glance</i>	I. 4.2	06/20/2019	14:00	15:30	G. 053
[GRASPA] Statistical models for climate data	Alessandro Fassò	Alessandro Fassò	Jorge Mateu	Gianluca Mastrantonio, Giovanna Jona Lasinio, Alessio Pollice, Giulia Capotorti, Lorenzo Teodonio, Carlo	<i>Multivariate change-point analysis for climate time series</i>	Philipp Otto, Rik Gijsman, Torsten Schlurmann, Jan Visscher	<i>Statistical analysis of Sylt's coastal profiles using a spatiotemporal functional model</i>	Nil Venet, Alessandro Fassò	<i>An anisotropic model for global climate data</i>	I. 4.3	06/20/2019	14:00	15:30	G. 152
The interactions between environment and human health: encountering big data	Daniela Cocchi	Daniela Cocchi	Daniela Cocchi	Monica Pirani, Gary Fuller, Marta Blangiardo	<i>Accounting for dependencies in assessing health effects associated with apportioned sources of multiple air particles</i>	Garritt Page, Brian J. Reich	<i>Estimating and Interpreting Regression Coefficients as a Function of Spatial Scale</i>	Davide Di Cecco, Marco Di Zio, Brunero Liseo	<i>Bayesian Latent Class models for capture-recapture in the presence of missing data</i>	I. 5.1	06/21/2019	08:30	10:00	G. 052
New inferential tools for complex sample surveys	Pier Luigi Conti	Pier Luigi Conti	Pier Luigi Conti	Clelia Di Serio, Luca Del Core, Eugenio Montini, Andrea Calabria	<i>Big data in longitudinal observational studies: how to deal with non-probability samples and technological changes</i>	Paola Vicard, Daniela Marella, Vincenzina Vitale	<i>Data Integration by Graphical Models</i>	Federica Nicolussi, Fulvia Mecatti, Pier Luigi Conti	<i>A Simplified Efficient and Direct Unequal Probability Resampling</i>	I. 5.4	06/21/2019	08:30	10:00	G. 153
[SDS] New frontiers in financial technologies: smart models for Fintech	Paola Cerchiello	Paolo Giudici	Paolo Mariani	Paolo Pagnottoni, Paolo Giudici	<i>Vector Error Correction models to measure connectedness of bitcoin exchange markets</i>	Alessandro Spelta, Branka Hadji-Misheva, Paolo Giudici	<i>Similarity patterns, topological information and credit scoring models</i>	Anca Mirela Toma	<i>Telegram chats and financial indicators: can we trust ICOs?</i>	I. 5.6	06/21/2019	08:30	10:00	G. 253

Invited sessions without discussant (solicited) - detailed

TITLE	ORGANIZER	CHAIR	AUTHORS 1	CONTR. 1	AUTHORS 2	CONTR. 2	AUTHORS 3	CONTR. 3	AUTHORS 4	CONTR. 4	N. SESSION	DAY	START	END	ROOM
Statistical modelling of spatial and temporal data: a functional data analysis perspective	Elvira Romano	Tonio Di Battista	Francesca Fortuna, Tonio Di Battista, Stefano Antonio Gattone	<i>Two-fold data streams dimensionality reduction approach via FDA</i>	Paolo Girardi, Carlo Gaetan	<i>Robust model-based functional clustering of satellite data</i>	Francisco Javier Rodríguez-Cortés, Jonatan A. Gonzales, Elvira Romano, Jorge Mateu	<i>Spatial clustering of pair correlation LISA functions: a functional approach</i>			I. 1.1	06/19/2019	10:30	12:00	G. 052
Data matching and record linkage for smart decision	Cristina Bernini	Maria Rosaria Ferrante	Pier Luigi Conti, Daniela Marella	<i>Matching error(s) and quality of statistical matching in complex surveys</i>	Chambers Raymond, Fabrizi Enrico, Salvati Nicola	<i>Small area estimators with linked data</i>	Cristina Bernini, Silvia Emili, Maria Rosaria Ferrante	<i>Statistical matching of HBS and ADL to analyse living conditions, poverty and happiness</i>	Rodolfo Metulini, Maurizio Carpita	<i>A strategy for the matching of mobile phone signals with census data</i>	I. 1.2	06/19/2019	10:30	12:00	G. 053
[YSIS] Think outside of the black-box: statistical reasoning in applications	Tommaso Rigon	Tommaso Rigon	Giacomo Zanella, Gareth Roberts	<i>Tempering and computational efficiency of Bayesian variable selection</i>	Roberta De Vito, Barbara Engelhardt	<i>A meta-tissue non-parametric factor analysis model for gene co-expression</i>	Matteo Fontana	<i>Functional data analysis-based sensitivity analysis of Integrated Assessment Models for Climate Change modelling</i>	Sally Paganin	<i>Domain knowledge based priors for clustering</i>	I. 1.3	06/19/2019	10:30	12:00	G. 152
[SQVS] Statistical models for economic and financial assessments	Luigi D'Ambr	Luigi D'Ambr	Anna Crisci, Maria Kelly Venezuela, Luigi D'Ambr	<i>Analysis of the financial performance in Italian football championship clubs via GEE and diagnostic measures</i>	Lea Petrella, Antonello Maruotti, Luca Merlo	<i>A two-part finite mixture quantile regression model for semi-continuous longitudinal data</i>	Carlo Cusatelli, Angela Maria D'Uggento, Massimiliano Giacalone, F. Grimaldi	<i>Economic Crisis and Earnings Management: a Statistical Analysis</i>	Pasquale Sarnacchiaro, Rosella Castellano, Marco Mancinelli	<i>A statistical investigation on the relationships among financial disclosure, sociodemographic variables, financial literacy and retail investors' risk assessment ability</i>	I. 1.4	06/19/2019	10:30	12:00	G. 153
Bayesian methods for species sampling and privacy	Antonietta Mira	Antonietta Mira	Federico Camerlenghi, Cinzia Carota, Stefano Favaro	<i>Issues on Bayesian nonparametric measures of disclosure risk</i>	Marco Battiston, Fadhel Ayed, Federico Camerlenghi	<i>A formal approach to data swapping and disclosure limitation techniques</i>	Federico Camerlenghi, Stefano Favaro, Zacharie Naulet, Francesca Panero	<i>Issues with Nonparametric Disclosure Risk Assessment</i>	Sirio Legramanti	<i>Bayesian Analysis of Privacy Attacks on GPS Trajectories</i>	I. 1.5	06/19/2019	10:30	12:00	G. 252
Statistics for smart cities	Marcello Chiodi	Marcello Chiodi	Antonio Iripino	<i>Trajectory clustering using adaptive squared distances</i>	Debora Slanzi, Valentina Mameli, Irene Poi	<i>Modelling properties of high-dimensional molecular systems</i>	Claudio Conversano, Maurizio Romano, Francesco Mola	<i>Hotel search engine architecture based on online reviews' content</i>	Gianluca Sottile, Vito MR Muggeo	<i>A new tuning parameter selector in lasso regression</i>	I. 2.4	06/19/2019	14:15	15:45	G. 153
Analysis of functional and complex data with environmental applications	Simone Vantini	Simone Vantini	Francesco Finazzi, Wang Yaqiong, Alessandro Fassò	<i>A statistical space-time functional model for air quality analysis and mapping</i>	Massimo Ventrucci, Maria Franco-Villoria, Håvard Rue	<i>Modelling complex interactions in spatio-temporal datasets</i>	Alessandra Menafoglio, Piercesare Secchi	<i>A divide-et-impera approach for the spatial prediction of object data over complex regions</i>	Luigi Ippoliti, Lara Fontanella, Sara Fontanella, Rosaria Ignaccolo, Pasquale Valentini	<i>Coupled Gaussian Processes for Functional Data Analysis</i>	I. 2.5	06/19/2019	14:15	15:45	G. 252
[S2G] Smart survey methods and applications	Alessandra Petrucci	Alessandra Petrucci	Chiara Bocci, Leonardo Piccini, Emilia Rocco	<i>Joint use of sample surveys and big data to analyse commuting patterns at municipal level</i>	Antonella Bernardini, Nicoletta Cibella, Angela Chieppa, Stefano Daddi, Epifania Fiorello, Pierpaolo Massoli, Paolo Righi, Fabrizio Solari, Marco Dionisio Terribili	<i>Italian Permanent Census of Population: sampling design and first evidence from 2018 survey</i>	Silvia Biffignandi, Annamaria Bianchi and Camilla Salvatore	<i>Social Media Data for Social Indicators: assessing the quality through case studies</i>			I. 2.6	06/19/2019	14:15	15:45	G. 253
Time series and filtering	Alessandra Luati	Alessandra Luati	Marcella Niglio, Francesco Giordano	<i>Bootstrap prediction intervals for weighted TAR predictors</i>	Matteo Farnè, Matteo Barigozzi	<i>An algebraic estimator for large spectral density matrices</i>	Mirko Armillotta, Alessandra Luati, Monia Lupporelli	<i>Stationarity of a general class of observation driven models for discrete valued processes</i>	Fabrizio Cipollini, Giampiero M. Gallo, Alessandro Palandri	<i>Realized volatility modeling: decoupling forecasting from estimation</i>	I. 3.1	06/20/2019	10:00	11:30	G. 052
Big data in Central Banks	Luigi Cannari	Luigi Cannari	Alessandra Righi, Guerino Ardizzi, Alessandro Gambini, Roberto Iannaccone, Filippo Moauro, Nazzareno Renzi, Davide Zurlo	<i>Financial Transaction Data for the Nowcasting in Official Statistics</i>	Giuseppe Bruno, Sabina Marchetti, Juri Marcucci, Diana Nicoletti	<i>Time Series Forecasting: Is there a role for Neural Networks?</i>	Leif Anders Thorsrud, Vegard Larsen, Julia Zhulanova	<i>News-driven inflation expectations and information rigidities</i>	Ellen Tobback, Stefano Nardelli, David Martens	<i>Between Hawks and Doves: Measuring Central Bank Communication</i>	I. 3.6	06/20/2019	10:00	11:30	G. 253
Statistics, law and algorithms	Antonella Occhino	Laura Deldossi	Antonella Occhino, Michele Faioli	<i>Labour Law: Machine vs. Employer Powers</i>	Silvia Vanoni	<i>FinTech and the Search for "Smart" Regulation</i>	Roberto Pardolesi	<i>What is wrong in the debate about smart contracts</i>	Francesco D'Alessandro	<i>Predictive Algorithms in Criminal Justice</i>	I. 4.4	06/20/2019	14:00	15:30	G. 153
Smart boxes for insurance companies	Diego Zappa	Diego Zappa	Gian Paolo Clemente, Rosanna Grassi, Asmerilda Hitaj	<i>Optimal Portfolio Selection via network theory in banking and insurance sector</i>	Cristian Losito, Francesco Pantisano	<i>Data Analytics in the Insurance Industry: Market trends and lessons from a use case customer predictive modelling</i>	Giorgio Alfredo Spedicato, Alice Valentini	<i>Gradient Boosted Models for Non-Life Retail Insurance Pricing</i>	Fabio Moraldi, Nino Savelli	<i>Risk-based analyses for non-proportional reinsurance pricing</i>	I. 4.5	06/20/2019	14:00	15:30	G. 252
Text mining	Arjuna Tuzzi	Arjuna Tuzzi	Raffaele Mattera, Germana Scepi, Michelangelo Misuraca, Maria Spano, Maria Carannante	<i>Temporal sentiment analysis with distributed lag models</i>	Carolina Becatti, Irene Crimaldi, Fabio Saracco	<i>Lexical activity in online social networks: a case-study from Twitter</i>	Andrea Sciadra, Alessio Surian, Livio Finos	<i>Classifying the Willingness to Act in Social Media Data: Supervised Machine Learning for U.N. 2030 Agenda</i>	Matilde Trevisani, Arjuna Tuzzi, Stefano Sbalchiero	<i>Knowledge discovery for dynamic textual data: temporal patterns of topics and word clusters in corpora of scientific literature</i>	I. 5.2	06/21/2019	08:30	10:00	G. 053
[SISBayes] Bayesian methods for complex dependence structures	Sonia Petrone	Amy Herring	Federico Camerlenghi, Stefano Favaro, Lorenzo Masoero	<i>Hierarchies of nonparametric priors</i>	Giuseppe Di Benedetto	<i>Non-exchangeable random discrete structures</i>	Marta Catalano, Antonio Lijoi, Igor Prünster	<i>Bayesian Model Comparison based on Wasserstein Distances</i>	Emanuele Aliverti, David B. Dunson	<i>Composite mixture of loglinear model for multivariate categorical data</i>	I. 5.3	06/21/2019	08:30	10:00	G. 152
Statistics in sports	Leonardo Egidi	Leonardo Egidi	Marica Manisera, Marco Sandri, Paola Zuccolotto	<i>BasketballAnalyzeR: the R package for basketball analytics</i>	Jacopo Diquigiovanni	<i>A clustering method for network data to analyse association football playing styles</i>	Rodolfo Metulini, Tullio Facchinetti, Paola Zuccolotto	<i>Detecting and classifying moments in basketball matches using sensor tracked data</i>	Luca Grassetti, Ruggero Bellio, Giovanni Fonseca, Paolo Vidoni	<i>Estimation of lineup efficiency effects in Basketball using play-by-play data</i>	I. 5.5	06/21/2019	08:30	10:00	G. 252

Contributed sessions - detailed

TITLE	CHAIR	AUTHORS 1	CONTR. 1	AUTHORS 2	CONTR. 2	AUTHORS 3	CONTR. 3	AUTHORS 4	CONTR. 4	AUTHORS 5	CONTR.5	N. SESSION	DAY	START	END	ROOM
Exploiting network and big data	Antonino Abbruzzo	Mariangela Sciandra, Antonella Plaia	<i>Principal ranking profiles</i>	Giovanni Trappolini, Tullia Padellini, Pierpaolo Brutti	<i>Multiresolution Topological Data Analysis for Robust Activity Tracking</i>	Elisa Tosetti, Luca Tiozzo Pezzoli, Sergio Consoli	<i>Big Data Financial Sentiment Analysis in the European Bond Markets</i>	Antonino Abbruzzo, Mauro Ferrante, Stefano De Cantis	<i>Density-based Algorithm and Network Analysis for GPS Data</i>			CO. 1.1	06/19/2019	12:00	13:00	G. 052
Financial statistics	Mattia Pedrini	Giovanni De Luca	<i>Partial dependence with copula and financial applications</i>	Fabrizio Poggioni, Lea Petrella, Mauro Bernardi	<i>Estimation of dynamic quantile models via the MM algorithm</i>	Arianna Agosto, Emanuela Raffinetti	<i>Application and validation of dynamic Poisson models to measure credit contagion</i>	Mattia Pedrini	<i>Sentiment-driven investment strategies: a practical example of AI-powered engines in a corporate setting</i>			CO. 1.2	06/19/2019	12:00	13:00	G. 053
Spatial statistics	Alessandra Guglielmi	Mara Sabina Bernardi, Laura Maria Sangalli, James Ramsay, Michelle Carey	<i>PDE-regularized regression for anisotropic spatial fields</i>	Eleonora Arnone, Laura Azzimonti, Fabio Nobile, Laura Maria Sangalli	<i>Regression with time-dependent PDE regularization for the analysis of spatio-temporal data</i>	Vincenzo Nardelli, Chiara Ghiringhelli	<i>How web scraped data impact the car sharing mobility analysis.</i>	Alessandra Guglielmi, Annalisa Cadonna, Andrea Cremaschi	<i>Bayesian modeling for large spatio-temporal data: an application to mobile networks</i>			CO. 1.3	06/19/2019	12:00	13:00	G. 152
Smart society	Giuseppe Lamberti	Michele Costa	<i>Robustness and fuzzy multidimensional poverty indicators: a simulation study</i>	Livia Celardo, Leonardo Alaimo, Filomena Maggino, Adolfo Marrone, Federico Olivieri	<i>Monitoring SDGs at territorial level: the case of Lombardy</i>	Giuseppe Lamberti, Jordi Lopez Sintas, Pilar Lopez Belbeze	<i>Young people internet use and leisure activities relationship in the context of heterogeneity</i>					CO. 1.4	06/19/2019	12:00	13:00	G. 153
Health sector applications	Francesca Ieva	Marta Spreafico, Francesca Ieva	<i>Joint Models: a smart way to include functional data in healthcare analytics</i>	Stefano Mazzuco, Stefano Campostrini, Daniele Durante, Fabrizio Faggiano	<i>Unfolding the Secrets of LongEvity: Current Trends and future prospects (SELECT)</i>	Alice Corbella, Paul Birrell, Daniela De Angelis, Anne Presanis and Mikhail Shubin	<i>Merging multiple dependent data to characterize influenza transmission and severity in England</i>	Francesca Ieva	<i>Are Real World Data the smart way of doing Health Analytics?</i>			CO. 1.5	06/19/2019	12:00	13:00	G. 252
Discrete choice models	Agnese Maria Di Brisco	Claudio Busatto	<i>Bayesian variable selection for high-dimensional logistic regression</i>	Alberto Arcagni, Marco Fattore, Filomena Maggino	<i>Optimal scoring of partially ordered data, with an application to the ranking of smart cities</i>	Marco Doretti	<i>A note on marginal effects in logistic regression with independent covariates</i>	Agnese Maria Di Brisco, Roberto Ascari, Sonia Migliorati, Andrea Ongaro	<i>A new regression model for bounded multivariate responses</i>			CO. 1.6	06/19/2019	12:00	13:00	G. 253
Methodological 1	Giorgio Eduardo Montanari	Elena Siletti, Francesca De Battisti	<i>On the Use of Control Variables in PLS-SEM</i>	Gabriele Cantaluppi, Florian Schuberth	<i>A Prediction Method for Ordinal Consistent Partial Least Squares</i>	Luisa Galtarossa, Antonio Canale	<i>A Convex Mixture Model for Binomial Regression</i>	Giorgio Eduardo Montanari, Marco Doretti	<i>Latent Markov models with discrete separate cluster random effects on initial and transition probabilities</i>			CO. 2.1	06/19/2019	16:00	17:15	G. 052
Analysis of migration in Italy	Federico Castelletti	Paolo Emilio Cardone	<i>Public support for an EU-wide social benefit scheme: evidence from Round 8 of the European Social Survey (ESS)</i>	Antonino Di Pino, Maria Gabriella Campolo, Michele Limosani	<i>How Important Discrimination is for the Job Satisfaction of Immigrants in Italy: A Counterfactual Approach</i>	Emiliano Sironi, Marco Guido Palladino	<i>Educational mismatch and attitudes towards migration in Europe</i>	Federico Castelletti, Emanuela Furfaro	<i>Analysing international migration flows: a Bayesian network approach</i>			CO. 2.2	06/19/2019	16:00	17:15	G. 053
Bayesian methodology and application	Maria Franco Villoria	Andrea Lazerini	<i>Bayesian stochastic search for Ising chain graph models</i>	Matteo Pedone	<i>Soft thresholding Bayesian variable selection for microbiome data analysis</i>	Pierfrancesco Alaimo Di Loro, Enrico Ciminello, Luca Tardella	<i>Hidden Markov Model estimation via Particle Gibbs</i>	Marco Stefanucci, Antonio Canale	<i>Bayesian multiscale mixture of Gaussian kernels for density estimation</i>	Maria Franco Villoria, Massimo Ventrucci, Haavard Rue	<i>Prior specification in flexible models</i>	CO. 2.3	06/19/2019	16:00	17:15	G. 152
Smart tools	Giancarlo Manzi	Massimiliano Giacalone, Diego Carmine Sinitò, Emilio Massa, Federica Oddo, Enrico Medda, Vito Santarcangelo	<i>Blockchain as a universal tool for business improvement</i>	Consuelo R. Nava, Cinzia Carota, Marco Alderighi	<i>Revenue management strategies and Booking.com ghost rates: a statistical analysis</i>	Marina Zannella, Laura Zannella	<i>Digital Inequalities and ICT Devices: The ambiguous Role of Smartphones</i>	Silvia Bacci, Bruno Bertaccini, Roberto Dinelli, Antonio Giusti, Alessandra Petrucci	<i>A network analysis of museum preferences: the Firenzecard experience</i>	Giancarlo Manzi, Francesca De Battisti	<i>Smart Tools for Academic Submission Decisions: Waiting Times Modeling</i>	CO. 2.4	06/19/2019	16:00	17:15	G. 153
Clustering and classification	Roberta Pappadà	Anna Gottard, Giulia Vannucci	<i>Semilinear regression trees</i>	Laura D'Angelo	<i>Model based clustering in group life insurance via Bayesian nonparametric mixtures</i>	Chiara Masci, Francesca Ieva, Tommaso Agasisti, Anna Maria Paganoni	<i>Classification of Italian classes via bivariate semi parametric multilevel models</i>	Michela Carlotta Massi, Francesca Ieva, Emanuele Lettieri	<i>Data Mining Application to Healthcare Fraud Detection: Two-Step Unsupervised Clustering Model for Outlier Detection with Administrative Databases</i>	Roberta Pappadà, Leonardo Egidi, Francesco Pauli, Nicola Torelli	<i>Pivotal seeding for K-means based on clustering ensembles</i>	CO. 2.5	06/19/2019	16:00	17:15	G. 252
Modeling large data set	Alessandra Rosalba Brazzale	Oleksandr Didkovskiy, Alessandra Menafoglio, Piercesare Secchi, Giovanni Azzone	<i>Turning big data into smart data: two examples based on the analysis of the Mappa dei Rischi dei Comuni Italiani</i>	Andrea Martino, Anna Maria Paganoni, Giuseppina Guatterri	<i>Hidden Markov Models for High Dimensional Data</i>	Violetta Simonacci, Michele Gallo, Massimo Guarino	<i>A PARAFAC-ALS variant for fitting large data sets</i>	Alessandra Rosalba Brazzale, Valentina Mameli	<i>Statistical classics in the big data era. When (astro-physical) models are nonregular</i>			CO. 3.1	06/20/2019	08:30	09:45	G. 052

Data collection and management	Stephan Schlosser	Gloria Solano Hermosilla, Fabio Micale, Vincenzo Nardelli, Julius Adewopo, Celso Gorrin-González	<i>How Citizen Science and smartphones can help to produce timely and reliable information? Evidence from the "Food Price Crowdsourcing in Africa" (FPCA) project in Nigeria</i>	Biagio Palumbo, Antonio Lepore, Philippe Castagliola	<i>On the statistical design of parameters for variables sampling plans based on process capability index Cpk</i>	Michela Battauz	<i>A statistical learning approach to group response categories in questionnaires</i>	Susanna Zaccarin, Domenico De Stefano, Vittorio Fuccella	<i>Web-Based Data Collection and Quality Issues in Co-Authorship Network Analysis</i>	Stephan Schlosser, Daniele Toninelli, Silvia Fabris	<i>Looking for Efficient Methods to Collect and Geolocalise Tweets</i>	CO. 3.2	06/20/2019	08:30	09:45	G. 053
Functional data: theory and application	Alessia Pini	Simone Vantini, Niels Asken Lundtorp Olsen, Alessia Pini	<i>Local Hypothesis Testing for Functional Data: Extending False Discovery Rate to the Functional Framework</i>	Edoardo Belli, Enrico Ragaini, Simone Vantini	<i>Tree-based Functional Data Analysis for Classification and Regression</i>	Agostino Torti, Alessia Pini, Simone Vantini	<i>A Functional Data Analysis Approach to Study a Bike Sharing Mobility Network in the City of Milan</i>	Fabio Centofanti, Matteo Fontana, Antonio Lepore, Simone Vantini	<i>A sparse estimator for the function-on-function linear regression model</i>	Alessia Pini, Konrad Abramowicz, Lina Schelin, Sara Sjostedt de Luna, Aymeric Stamm, Simone Vantini	<i>Local inference on functional data based on the control of the family-wise error rate</i>	CO. 3.3	06/20/2019	08:30	09:45	G. 152
Social media applications	Roberta Paroli	Alessia Forciniti, Michelangelo Misuraca, Germana Scepi, Maria Spano	<i>Generalized Procrustes Analysis for Multilingual Studies</i>	Paola Riva, Paola Sturla, Anna Calissano, Simone Vantini	<i>An Object Oriented Data Analysis of Tweets: the Case of Queen Elizabeth Olympic Park</i>	Martina Aronica, Rubinia Celeste Bonfanti, Davide Piacentino	<i>Social Media Adoption in Italian Firms.</i>	Marzia Freo, Federico Crescenzi, Alessandra Luati	<i>Text Based Pricing Modelling: an Application to the Fashion Industry</i>			CO. 3.4	06/20/2019	08:30	09:45	G. 153
Methodological 2	Marco Novelli	Roberto Fontana, Fabio Rapallo	<i>Design of Experiments, aberration and Market Basket Analysis</i>	Giada Spaccapanico Proietti, Mariagiulia Matteucci, Stefania Mignani	<i>Dealing with uncertainty in automated test assembly problems</i>	Federico Ferraccioli	<i>Bounded Domain Density Estimation</i>	Tommaso Lando, Lucio Bertoli-Barsotti	<i>On a Family of Transformed Stochastic Orders</i>	Marco Novelli, Maroussa Zagoraïou	<i>Unsuitability of likelihood-based asymptotic confidence intervals for Response-Adaptive designs in normal homoscedastic trials</i>	CO. 3.5	06/20/2019	08:30	09:45	G. 252
Statistical tools for sport	Francesco Porro	Marco Petretta, Lorenzo Schiavon, Jacopo Diquigiovanni	<i>Betting on football: a model to predict match outcomes</i>	Lorenzo Schiavon, Nicola Sartori	<i>Bias reduced estimation of a fixed effects model for Expected Goals in association football</i>	Mattia Stival, Mauro Bernardi	<i>Dynamic Bayesian clustering of running activities</i>	Francesco Porro, Mariangela Zenga	<i>The decomposition by subpopulations of the Pietra index: an application to the professional football teams in Italy</i>			CO. 4.1	06/20/2019	15:45	16:45	G. 052
Time series analysis and forecasting	Alessandra Micheletti	Andrea Bastianin	<i>Robust measures of skewness and kurtosis for macroeconomic time series</i>	Alessandro Magrini	<i>Nowcasting foreign tourist arrivals using Google Trends: an application to the city of Florence, Italy</i>	Andrea Marletta, Paolo Mariani, Alessandra Michelangeli, Biancamaria Zavanella	<i>Inclusive growth in European countries: a cointegration analysis</i>	Alessandra Micheletti, Giacomo Aletti, Marco Bellan	<i>The Experts Method for the prediction of periodic multivariate time series of high dimension</i>			CO. 4.2	06/20/2019	15:45	16:45	G. 053
Statistical analysis of new generation of mobility	Anna Calissano	Giancarlo Manzi, Sabrina Tiziana Gaito, Giorgio Saibene, Silvia Salini, Matteo Zignani	<i>Modeling Cyclists' Itinerary Choices: Evidence from a Docking Station-Based Bike-Sharing System</i>	Mario Beraha, Giulia Bissoli, Celeste Principi, Gian Matteo Rinaldi, Alessandra Guglielmi	<i>A Bayesian model for network flow data: an application to BikeMi trips</i>	Andrea Cappelletto, Francesca Greselin, Giancarlo Manzi	<i>Predicting and improving smart mobility: a robust model-based approach to the BikeMi BSS</i>	Anna Calissano, Aasa Feragen, Simone Vantini	<i>A Mathematical Framework for Population of Networks: Comparing Public Transport of Different Cities.</i>			CO. 4.3	06/20/2019	15:45	16:45	G. 152
Societal issues	Mauro Mussini	Rosaria Simone, Stefania Capecci	<i>A statistical model for voting probabilities</i>	Francesco Dotto, Julia Mortera, Vincenzo Pascali	<i>DNA mixtures: a case study involving a Romani reference population</i>	Alessandra De Rose, Filomena Racioppi, Maria Rita Sebastiani	<i>Exploring the relationship between fertility and well-being: What is smart?</i>	Mauro Mussini, Luigi Grossi	<i>Seasonality in tourist flows: a decomposition of the change in seasonal concentration</i>			CO. 4.4	06/20/2019	15:45	16:45	G. 153
Environmental studies	Riccardo Corradin	Christian Capezza, Antonio Lepore, Alessandra Menafoglio, Biagio Palumbo, Simone Vantini	<i>Functional control charts for monitoring ship operating conditions and CO2 emissions based on scalar-on-function linear model</i>	Marco Mingione, Giovanna Jona Lasinio, Sara Martino, Francesco Colloca	<i>Multivariate analysis and biodiversity partitioning of a demersal fishing community: an application to Lazio coast</i>	Veronica Villani, Giuliana Barbato, Elvira Romano, Paola Mercogliano	<i>A models selection criterion for evolution of heat wave hazard: a case study of the city of Prato</i>	Riccardo Corradin, Antonio Canale, Bernardo Nipoti	<i>Galaxy color distribution estimation via dependent nonparametric mixtures</i>			CO. 4.5	06/20/2019	15:45	16:45	G. 252
Labour statistics	Valentina Tocchioni	Laura Grassini, Cristina Martelli, Adham Kahlawi, Maria Flora Salvatori, Lucia Buzzigoli	<i>ESCO - the European Labour Language: a conceptual and operational asset in support of labour governance in complex environments</i>	Camilla Ferretti, Lisa Crosato, Fabrizio Cipollini, Piero Ganugi	<i>Polarization and long-run mobility: yearly wages comparison in three southern European countries</i>	Massimo Cannas	<i>A case for order optimal matching: a salary gap study</i>	Valentina Tocchioni, Daniele Vignoli, Alessandra Mattei, Bruno Arpino	<i>Employment and fertility in couples: whose employment uncertainty matter most?</i>			CO. 4.6	06/20/2019	15:45	16:45	G. 253

Smart poster session (during lunch breaks)

Nr	AUTHORS	POSTER	DAY	START	END
1	Lea Petrella, Luca Merlo, Valentina Raponi	Joint VaR and ES forecasting in a multiple quantile regression framework	06/19/2019	13:00	14:15
2	Crescenza Calculi, Alessio Pollice, Marco Vito Guglielmi, Porzia Maiorano	Bayesian mixed latent factor model for multi-response marine litter data with multi-source auxiliary information	06/19/2019	13:00	14:15
3	Antonella Carcagni, Riccardo Borgoni, Alessandra Michelangeli, Nicola Salvati	Modelling Hedonic Price using semiparametric M-quantile regression	06/19/2019	13:00	14:15
4	Giulia Pascali, Alessandro Casa, Giovanna Menardi	Co-clustering TripAdvisor data for personalized recommendations	06/19/2019	13:00	14:15
5	Lorena Viviano	Official statistics to support the projects of A Scuola di OpenCoesione	06/19/2019	13:00	14:15
6	Andrea Gilardi, Riccardo Borgoni, Diego Zappa	Spatial Logistic Regression for Events Lying on a Network: Car Crashes in Milan	06/20/2019	12:45	14:00
7	Consuelo Rubina Nava, Cinzia Carota, Jordy Bollon, Corrado Magnani, Francesco Barone-Adesi	Approximate Bayesian Computation methods to model Multistage Carcinogenesis	06/20/2019	12:45	14:00
8	Francesco Giordano, Soumendhra Nath Lahiri, Maria Lucia Parrella	Variable selection and classification by the GRID procedure	06/20/2019	12:45	14:00
9	Ivan Sciascia, Gennaro Carotenuto, Andrea Genre	Latent class analysis of endoreduplicated nuclei in confocal microscopy	06/20/2019	12:45	14:00
10	Marco Repetto, Marco Rispoli	On the Robust Estimator: an assessment through a simulation exercise	06/20/2019	12:45	14:00
11	Alessandro Gemignani, Monica Pratesi, Luciana Quattrociochi	Mapping Educational Poverty by small area Estimation in Italy	06/20/2019	12:45	14:00