

		Room Leogrande	Room A	Room De Trizio	Room B	Room C
18	08:45 09:30	CONT6	CONT7	CONT8	CONT9	CONT10
	09:30 10:30	SOLI6	SOLI7	SOLI8	SOLI9	SOLI10
	10:30 11:00	COFFEE BREAK				
	11:00 11:45	PLEN1				
	11:45 12:45	SPEC5	SPEC6	SPEC7	SPEC8	SPEC9
	12:45 13:30	CONT11	CONT12	CONT13	CONT14	CONT15
	13:30 14:30	LIGHT LUNCH	y-SIS general meeting			
	14:30 15:15	P-PLEN1	P-PLEN2			
	15:15 16:15	SOLI11	SOLI12	SOLI13	SOLI14	SOLI15
	16:15 16:45	COFFEE BREAK				
	16:45 17:45	SOLI16	SOLI17	SOLI18	SOLI19	SOLI20
	17:45 18:30	CONT16	CONT17	CONT18	CONT19	CONT20

Tuesday, June 18

08:45 - 09:30

Room Leogrande - CONT6

Ecology, environment, and economics: methodological solutions to real problems

Blerta Begu, Simone Panzeri, Eleonora Arnone, Michelle Carey, Laura Sangalli,
Nonparametric space-time density estimation for point processes over irregular regions

Vytaras Brazauskas, Francesca Greselin, Ricardas Zitikis, Median-based inequality
measures

Gabriele d'Angella, Christian Hennig, Biological species delimitation based on genetic and
spatial dissimilarity using partial Mantel tests

Alice Giampino, Sonia Migliorati, Roberto Ascari, Microbial communities detection via a
latent variable allocation model

Silvia Scarpa, Maria Rosaria Ferrante, Stefan Sperlich, Estimating a quantile-based income
inequality indicator on complex sampling data

Chair and discussant: Anna Simonetto, University of Brescia

Room A - CONT7

Aging, mortality and fertility

Giacomo Lanfiuti Baldi, Andrea Nigri, Statistical modelling of population gaps in mortality:
the Skellam distribution to model differences in death counts

Jacob Martin, Carlo Giovanni Camarda, Modeling age-space mortality dynamics in small
areas: an application to southern Italian comuni

Marco Tosi, Fausta Ongaro, Silvia Meggiolaro, Employment trajectories and fertility in Italy

Alessandra Trimarchi, Erich Striessnig, Changes in parenthood expectancy over time under
an age-perspective

Discussant: Gianmarco Alderotti, University of Firenze

Room De Trizio - CONT8

Applied statistics and data

Matilde Bini, Lucio Masserini, Newly employed in Italy: a longitudinal analysis

Arianna Burzacchi, Lise Bellanger, Klervi Le Gall, Aymeric Stamm, Simone Vantini, Modeling and synthesis of GPS trajectories for privacy-preserving mobility data generation

Monica Carbonara, Sara Casacci, Low-income earners: new possibilities of study from administrative archives

Riccardo Ievoli, Lucio Palazzo, Roberto Rondinelli, Giancarlo Ragozini, A triad census-based synthetic indicator to summarise cooperation in football

Alberto Molena, Rosa Arboretti, Marta Disegna, Big data subsampling: a review

Chair and discussant: Stefania Capecchi, Federico II University of Napoli

Room B - CONT9

Health Statistics & Bayesian methods

Marta Cipriani, Lorenzo Di Rocco, Marco Alfò, A flexible parametric approach to synthetic patients generation in clinical trials

Marco Dalla Pria, Matteo Ruggiero, Dario Spanò, Exact sampling of two coagulated partitions

Fulvio De Santis, Stefania Gubbiotti, Francesco Mariani, The distribution of the risk function for interval estimation

Fabrizio Di Mari, Roberto Rocci, Giovanna Tagliabue, Silvia Rossi, Roberta De Angelis, Estimating cure fraction in population-based survival colon cancer data

Antonino Gagliano, Gianluca Sottile, Nicolina Sciaraffa, Claudia Coronello, Luigi Augugliaro, Integrating pseudo-time in network interaction analysis to uncover genetic pathways in thyroid cancer

Chair and discussant: Nina Deliu, Sapienza University of Roma

Room C - CONT10

Multidimensional analysis of social issues

Angela Andreella, Stefano Campostrini, Analyzing compression of comorbidity in Italy: a mixture model with regional random effects

Micaela Arcaio, Chibuzor Christopher Nnanatu, Anna Maria Parroco, Evaluating the geographical patterns of intimate partner violence in Nigeria, Zambia, and Zimbabwe using INLA-SPDE approach

Emiliano del Gobbo, Elisa Ignazzi, Barbara Cafarelli, Lara Fontanella, Misogynistic content detection over social networks

Giulio D'Epifanio, Indexing social unfitness

Maria Francesca Morabito, Serena Verbena, Valentina Tocchioni, Benedetta Emanuela Palladino, The benefit of social capital resources for contrasting ethnic bullying at school: A multilevel study

Chair and discussant: Giovanni Busetta, University of Messina

09:30 - 10:30

Room Leogrande - SOLI6

Advances in spatial analysis of economic data

Martina Aronica, Valerio Genovese, Davide Piacentino, Minimum income scheme in Italian regions. Evaluation of direct impacts and spatial spillovers

Alfredo Cartone, Gianfranco Piras, Paolo Postiglione, A machine learning algorithm for the analysis of spatially distributed data

Silvia Emili, Federica Galli, A simultaneous system of dynamic spatial stochastic frontier models

Vincenzo Nardelli, Niccolo Salvini, Giuseppe Arbia, Evaluating bias in big data using H3 spatial indexing

Organizer: Paolo Postiglione, University of Chieti-Pescara

Chair: Cristina Bernini, University of Bologna

Room A - SOLI7

Complex data, digital innovation, sustainability

Marco Alfò, Elena Fabrizi, Andrea Tancredi, Dynamic pathways in the labor market: unraveling transitions with semi-Markov models

Giovanni Angelini, Michele Costa, Andrea Guizzardi, Price competition and overtourism: a stochastic approach leveraging complex data

Raffaele Angelone, Andrea Marletta, Mariangela Zenga, SDGs and Agenda 2030: do Italians really know them?

Emma Bruno, Rosalia Castellano, Gennaro Punzo, Luca Salvati, Towards a digital Europe: modelling innovation in a spatially embedded context

Organizer: Francesca Giambona, University of Firenze

Chair: Francesca Giambona, University of Firenze

Room De Trizio - SOLI8

Advanced statistical methods for territorial sustainability

Elsa Amaddeo, Marika Arena, Angela Stefania Bergantino, Giovanni Bonaccorsi, Antonello Clemente, Valeria Maria Urbano, Assessing allocation of EU Cohesion Funds across territories: an empirical analysis of Italian municipalities

Leonardo Cefalo, Paolo Maranzano, SchoolDataIT: an R package to retrieve, harmonise and map open data regarding the Italian school system

Alessandro Fusta Moro, Jacopo Rodeschini, Alessandro Fassò, Geostatistical solutions for the harmonisation of environmental datasets

Greta Galliani, Piercesare Secchi, Francesca Ieva, Dynamic estimation of OD matrices for local transportation monitoring

Organizer: Diego Battagliese, University of Bari

Chair: Diego Battagliese, University of Bari

Room B - SOLI9

Advances in latent/hidden Markov models

Luca Brusa, Fulvia Pennoni, Francesco Bartolucci, Romina Peruilh Bagolini, Prediction of early warning crises by a hidden Markov model with covariates

Francesco Lagona, Marco Mingione, How much do we sleep? Segmenting heart rates by hidden semi-Markov models in continuous time

Lorena Ricciotti, Marco Picone, Antonello Maruotti, Model-based clustering for marine data time-series of counts

Alfonso Russo, Antonello Maruotti, Alessio Farcomeni, Bayesian multivariate semi-Markov-switching Mixed Data Sampling (MIDAS) regression with unknown configuration of hidden regimes

Organizers: Antonio Punzo, Salvatore D. Tomarchio, University of Catania

Chair: Salvatore D. Tomarchio, University of Catania

Room C - SOLI10

Statistical modeling for education and educational services

Luca Bungaro, Mariagiulia Matteucci, Stefania Mignani, Gender and territorial gaps in the digital competences of young Italian students: the results of IEA-ICILS

Patrizia Falzetti, Michele Marsili, Roberto Ricci, Learning outcomes between centre and periphery

Lucio Palazzo, Alfonso Iodice D'Enza, Competencies assessment through an archetypal analysis approach

Pasquale Sannino, Cristina Davino, Luca De Benedictis, Rosaria Romano, Domenico Vistocco, Investigating the effect of economic, social and cultural conditions on student's performance

Organizer: Enrico Ripamonti, University of Brescia

Chair: Enrico Ripamonti, University of Brescia

10:30 - 11:00

Coffee break

11:00 - 11:45

Room Leogrande - PLEN1

Socioeconomic disparities by family background: analyzing exposure to poor air quality at schools and its impact on educational inequalities in Italy

Fabrizio Bernardi, UNED Madrid, Risto Conte Keivabu, Max Plank Institute

Organizers: Maria Gabriella Campolo, University of Messina, Giuseppe Gabrielli, Federico II University of Napoli

Chair: Daniele Vignoli, University of Firenze

11:45 - 12:45

Room Leogrande - SPEC5

Advanced statistical models for data science

Alessandro Albano, Chiara Di Maria, Mariangela Sciandra, Antonella Plaia, Causal machine learning for medical texts

Yana Kostiuk, Paola Cerchiello, Arianna Agosto, Impact of the Russian invasion of Ukraine on coal markets: Evidence from an event-study approach

Rosanna Verde, Antonio Balzanella, Gianmarco Borrrata, A regression model for predicting an environmental response variable by considering distributional data

Organizer: Silvia Salini, University of Milano

Chair and discussant: Silvia Salini, University of Milano

Room A - SPEC6

Re-positioning sampling statistics in the multi data-source world

Elisabetta Carfagna, Data science, citizen science and smart official statistics

Cristiano Ferraz, Sampling challenges from the 2030 agricultural sustainable development goals

Pier Luigi Conti, Methodological perspectives in integration of data from multiple probabilistic and non-probabilistic sources

Organizer: Enrico Fabrizi, University of Piacenza

Chair and discussant: Enrico Fabrizi, University of Piacenza

Room De Trizio - SPEC7

The use of data and statistical tools to support policy makers

Carlo Natale Lauro, TBA

Giorgio Tassinari, Inefficiencies in digital advertising and the threats of artificial intelligence

Maurizio Vichi, Ultrametric Composite Indicators

Organizer: Leonardo Salvatore Alaimo, Sapienza University of Roma

Chair and discussant: Filomena Maggino, Sapienza University of Roma

Room B - SPEC8

Modelling, monitoring, and unconventional data for enterprises

Nikolaus Haselgruber, Ingolf Nerlich, Statistical models for health monitoring of rare events in railway tracks

Caterina Liberati, Carlo Bottai, Lisa Crosato, Josep Domenech, Marco Guerzoni, Unconventional data and Innovation: are innovative SMEs' web pages different?

Michele Scagliarini, Distribution-free time between events and amplitude control charts for drought monitoring

Organizer: Rossella Berni, University of Firenze

Chair and discussant: Christian Capezza, Federico II University of Napoli

Room C - SPEC9

Life course and education

Giovanni Boscaïno, Vincenzo Giuseppe Genova, From Bachelor to Master degree: a first sight of STEM graduates' choices

Raffaele Guetto, Heterogeneous effects of parental separation on children's educational attainment: evidence from Italy

Isabella Sulis, Mariano Porcu, Cristian Usala, From high school to university: assessing school influence on students' career at the university

Organizer: Valentina Tocchioni, University of Firenze

Chair and discussant: Antonella D'Agostino, University of Siena

12:45 - 13:30

Room Leogrande - CONT11

Health and epidemiology

Silvia D'Elia, Stefania Massari, Marco Alfò, Claudio Gariazzo, Alessandro Gialluisi, Alessandro Marinaccio, Licia Iacoviello, Simona Costanzo, Evaluation of adjustment for unobserved confounders in occupational epidemiology studies

Susanna Gentile, Valeria Sambucini, A flexible hybrid method for sample size calculations in comparative Poisson trials

Ilia Negri, Maura Mezzetti, Giorgia Bazzurri, The efficacy of social distancing measures in controlling the spread of SARS-CoV-2: a retrospective study in Italy

Luca Scrucca, Capturing uncertainty in gaussian mixture-based entropy estimation via weighted likelihood bootstrap

Mattia Stival, Lorenzo Schiavon, Gaia Bertarelli, Stefano Campostrini, Exploring disease prevalence in Italy: a web application utilizing sample-based predictions from a Bayesian spatio-temporal model with external validation

Chair and discussant: Clelia Di Serio, "Vita e Salute" University, San Raffaele Hospital of Milano

Room A - CONT12

Advances in Bayesian inference

Davide Agnoletto, Tommaso Rigon, David Dunson, Bayesian inference for generalized linear models via quasi-posteriors: an application to Eurasian chaffinch abundance in Finland

Pierfrancesco Alaimo Di Loro, Dankmar Boehning, Sujit Sahu, Efficient Bayesian estimation of a spatial Poisson auto-regression with Leroux random effects

Elena Bortolato, Francesco Bertolino, Monica Musio, Laura Ventura, Approximate inference for the Bayesian discrepancy measure for precise statistical hypotheses

Silvia Columbu, Francesco Bertolino, Monica Musio, On the evidence of a new Bayesian discrepancy measure for discrete scalar parameters

Pierdomenico Dutillo, Marina Bertolini, Alfred Kume, Stefano Antonio Gattone, High volatility, high emissions? A hidden-Markov model approach

Chair and discussant: Lucia Paci, Catholic University of Milano

Room De Trizio - CONT13

Statistical models

Michele Bufalo, Andrea Nigri, Trimodal extension based on the flexible generalized skew-normal distribution

Daniela Collesi, Standardization process of budget administrative data, having statistic characteristics and usefulness for public finance control

Angelo Moretti, Alejandra Arias-Salazar, Natalia Rojas-Perilla, Computing multidimensional composite indicators for small areas in presence of missing variables: a data integration approach

Carlotta Pacifici, Luca Trapin, An extended dynamic Peaks over Threshold approach for tail index estimation

Gloria Polinesi, Maria Cristina Recchioni, Francesca Mariani, Informative set for fitting parameters of a piecewise density function

Chair and discussant: Maria Iannario, Federico II University of Napoli

Room B - CONT14

Advances in clustering and classification

Elena Ballante, Silvia Figini, Antonietta Mira, Non-parametric similarity measure based on information imbalance

Catherine Higgins, Michelle Carey, Functional clustering with imbalanced groups

Edoardo Otranto, Luca Scaffidi Domianello, A fuzzy clustering approach to detect the number of states in Markov Switching models

Matteo Ventura, Julien Jacques, Paola Zuccolotto, Clustering multivariate rating data within the CUB framework

Vanessa Verrina, Sabrina Giordano, Anna Gottard, Fairness-adaptive classification trees

Chair and discussant: Francesca Martella, Sapienza University of Roma

Room C - CONT15

Statistical theory for life and natural sciences

Giuseppe Bove, Daniela Marella, Measures of interrater agreement for ratings on nominal scale

Alessandra Dalla Valle, Cinzia Mortarino, A new competition model combining the Lotka-Volterra model and the Bass model in pharmacological market competition

Federico Ferraccioli, Angela Andreella, Ivio Finos, A nonparametric test for fixed effects in crossed random effect models

Roberto Fontana, Marco Guerra, A topology-based algorithm for the isomorphism check of 2-level orthogonal arrays

Alessandro Palummo, Analysis of complex spatio-temporal neuroimaging signals by functional Principal Component Analysis

Chair and discussant: Enrico Ripamonti, University of Brescia

13:30 - 14:30

Light lunch

Room Leogrande - y-SIS general meeting

14:30 - 15:15

Room Leogrande - P-PLN1

Fusion and i-fusion learning: combining inferences from diverse data sources

Regina Liu, Rutgers University

Organizer: Enrico Ciavolino, University of Salento

Chair: Sonia Petrone, Bocconi University of Milano

Room A - P-PLN2

Statistics and Machine Learning in industry: forecasting by combining heterogeneous or multi-scale model outputs

Jean-Michel Poggi, University of Paris-Saclay

Organizer: Maurizio Carpita, University of Brescia

Chair: Biagio Palumbo, Federico II University of Napoli

15:15 - 16:15

Room Leogrande - SOLI11

Advancements in Bayesian statistical modelling

Diego Battagliese, Brunero Liseo, Small area estimation with measurement error using penalized complexity priors

Mario Beraha, Federico Camerlenghi, Lorenzo Ghilotti, Sufficiency postulates for Generalized Indian Buffet processes

Laura D'Angelo, Bernardo Nipoti, Andrea Ongaro, Two-level clustering of patients and hospitals via thinned dependent Dirichlet process mixtures

Lorenzo Schiavon, Mattia Stival, Efficient posterior inference for spatiotemporal modelling of repeated cross-sectional data

Organizer: Raffaele Argiento, University of Bergamo

Chair: Antonio Canale, University of Padova

Room A - SOLI2

Patterns and relationships in network data analysis: a functional data analysis perspective

Nicoletta D'Angelo, Giada Adelfio, Jorge Mateu, Ottmar Cronie, Constructed functional marks for spatial point process intensity estimation

Andrea Diana, Analyzing microclimates in work environments: a network-based functional modeling approach

Nicola Pronello, Emiliano del Gobbo, Lara Fontanella, Rosaria Ignaccolo, Luigi Ippoliti, Sara Fontanella, Functional graphical models for corpus linguistics in social media

Craig Wilkie, Surajit Ray, Claire Miller, Marian Scott, Investigating river water quality using network distance based spatiotemporal flexible regression

Organizer: Elvira Romano, University of Campania

Chair: Elvira Romano, University of Campania

Room De Trizio - SOLI3

Advances in latent variable models

Marco Alfò, Maria Francesca Marino, Francesca Martella, Finite mixtures of linear quantile regressions with concomitant variables: a simple solution to endogeneity in longitudinal data models

Silvia Dallari, Nicola Grandi, Angela Montanari, What are the main features of the Italian written by Italian University students?

Francesca Martella, Xiaoxe Qin, Sanjeena Dang Subedi, Cluster-weighted disjoint factor analyzers for exploring the impact of socioeconomic factors on crime rates

Silvia Pandolfi, Francesco Bartolucci, Paolo Li Donni, A constrained dynamic bivariate Poisson stochastic block model for hospital network data

Organizer: Monia Ranalli, Sapienza University of Roma

Chair: Carlo Cavicchia, Erasmus University Rotterdam

Room B - SOLI4

Mathematics for clinical trials

Giacomo Aletti, Caterina May, Chiara Tommasi, On the maximum likelihood estimator of the Emax model

Sara Cecconi, Rosamarie Frieri, Maroussa Zagoraiou, Alessandro Baldi Antognini, Robustness of the Sequential Efficient Design for identifying a target subpopulation

Nina Deliu, Joseph J Williams, Sofia S Villar, Finite-sample inference in response-adaptive designs: an application to Thompson sampling

Anand Vidyashankar, Response adaptive designs driven by randomly reinforced urn: large and moderate deviations

Organizer: Andrea Ghiglietti, Bicocca University of Milano

Chair: Andrea Ghiglietti, Bicocca University of Milano

Room C - SOLI15

Health issues related to non-nationals and migrants

Elisa Barbiano di Belgiojoso, Eralba Cela, Patrizia Farina, Daniela Carrillo, Stefania Maria Lorenza Rimoldi, Migration and Health: evidence and challenges in the Italian context

Thais Garcia Pereiro, Anna Paterno, Jeroen Spijker, Health status and type of couple: a first glance across European countries

Nadia Mignolli, Silvia Bruzzone, Carlo Maccheroni, Mortality of foreigners residing in Italy through the processing of Life Tables

Angela Paparusso, Alberto Arcagni, Frank Heins, Corrado Bonifazi, Poset-based analysis of mental well-being of immigrants and natives in Europe

Organizer: Roberta Pace, University of Bari

Chair: Roberta Pace, University of Bari

16:15 - 16:45

Coffee break

16:45 - 17:45

Room Leogrande - SOLI16

Optimal designs and big data

Laura Deldossi, Chiara Tommasi, Optimal subsampling from big datasets in presence of misspecification

Samantha Leorato, Chiara Tommasi, Carlos de la Calle Arroyo, A KL-augmented design for the Hill model

Marco Novelli, William Rosenberger, Randomization tests for subgroup analysis

William Rosenberger, CARA Randomization: Optimality, Inference, Enrichment

Organizer: Rossella Berni, University of Firenze

Chair: Rossella Berni, University of Firenze

Room A - SOLI17

Factors affecting student choices in tertiary education

Kristijan Breznik, Vincenzo Giuseppe Genova, Students' mobility in higher education: an ERG model approach

Michele La Rocca, Marcella Niglio, Marialuisa Restaino, Statistical models to predict educational outcomes in academic transitions and trajectories

Valeria Policastro, Angela Pacca, Giancarlo Ragozini, Exploring factors affecting student university choices in Campania region

Alessandra Trimarchi, Milan Bouchet-Valat, Changes over time in the association between parental background and children's enrolment in education

Organizer: Maria Prosperina Vitale, University of Salerno

Chair: Maria Prosperina Vitale, University of Salerno

Room De Trizio - SOLI18

Tourism sustainability vs. sustainable tourism: measures and indicators

Stefano De Cantis, Ludovica Venturella, Anna Maria Parroco, Towards an indicator-based system to assess tourism carrying capacity and tourism sustainability: an overview

Carla Galluccio, Francesca Adele Giambona, Cultural heritage for a sustainable growth: a longitudinal analysis based on Italian museums

Leonardo Salvatore Alaimo, Mariantonietta Fiore, Filomena Maggino, Factors affecting food tourism companies: quantitative evidence for Italy

Emma Zavarrone, Martha Friel, A holistic view of sustainable tourism in Asia: key topics for a more balanced future

Organizer: Venera Tomaselli, University of Catania

Chair: Venera Tomaselli, University of Catania

Room B - SOLI19

Data and indicators for sustainability analysis

Rosanna Cataldo, Maria Gabriella Grassia, Marina Marino, Composite indicators for sustainable tourism

Samuela L'Abbate, Antonella Massari, Paola Perchinunno, Multidimensional indicators for social sustainability: a spatial analysis in Italy

Rosaria Lombardo, Jean-François Durand, Ida Camminatiello, Spline identity and functional partial least-squares regression for analysing Italian poverty

Andrea Nigri, Dealing with proportions: statistical modeling for compositional data

Organizer: Filomena Maggino, Sapienza University of Roma

Chair: Leonardo Salvatore Alaimo, Sapienza University of Roma

Room C - SOLI20

Sampling and environmental Statistics

Tonio Di Battista, Francesca Fortuna, Stefano Antonio Gattone, Adelia Evangelista, Rarity species distribution and some related parameters estimation

Giovanna Jona Lasinio, Gianluca Mastrantonio, Daniele Ventura, Edoardo Casoli, Arnold Arnold Rakaj, Cecilia Vitiello, Crescenza Calculi, Daniele Poggio, Species distribution models with masking: the case of holothurians in a Posidonia rich area

Linda Altieri, Daniela Cocchi, Entropy-based sequential sampling for environmental data with a repulsive behaviour

Rosa Maria Di Biase, Caterina Pisani, Marzia Marcheselli, Strategies for exploiting auxiliary information and achieving spatial balance in environmental surveys

Organizer: Sara Franceschi, University of Siena

Chair: Sara Franceschi, University of Siena

17:45 - 18:30

Room Leogrande - CONT16

From traditional to innovative statistical methods in medicine

Samuel Davenport, Riccardo De Santis, Jesse Hemerik, Jelle Goeman, Livio Finos, Smooth logistic mass univariate inference for MS lesion data using sign-flipping

Giulio Grossi, Veronica Ballerini, Synthetic control method for clinical trials and precision medicine

Chiara Masci, Andrea Cappozzo, Francesca Ieva, Olivia Leoni, Marco Forlani, Barbara Antonelli, Anna Maria Paganoni, Model-based clustering of nested lifetime data: profiling COVID-19 heart failure patients

Alessandra Pandolfo, Gianluca Sottile, Velia Malizia, Omar Shatarat, Valentina Lazzara, Vito Muggeo, Giovanni Viegi, Stefania La Grutta, Asthma prediction tools in preschool children: evidence from predictive performance comparison by using innovative statistical approach.

Giulia Patanè, Federica Nicolussi, Alexander Krauth, Günter Gauglitz, Bianca Maria Colosimo, Luca Dede', Alessandra Menafoglio, Ordinal discriminative dimensionality reduction of functional profiles

Chair and discussant: Anna Simonetto, University of Brescia

Room A - CONT17

Statistical methodologies applied to the social and institutional contexts

G. Damiana Costanzo, Barbara Dattilo, Mascia Di Torrice, Michelangelo Misuraca, Maria Spano, Measuring sustainability in tourism via a multi criteria decision making approach

Cinzia Di Nuzzo, Venera Tomaselli, Gianpiero Torrisi, A new methodological approach to build a multidimensional inequality composite indicator

Najada Firza, Laura Antonucci, Dante Mazzitelli, Spatial ranking analysis on quality of services using some techniques to improved fuzzy c-means algorithm

Silvia Golia, The study of the empowerment in two African countries using the Bayesian networks

Venera Tomaselli, Giulio Giacomo Cantone, Measuring political cleavages through the decomposition of diversity

Chair and discussant: Angela Maria D'Uggento, University of Bari

Room De Trizio - CONT18

Applied Statistics - business & social

Lea Anna Cozzucoli, Francesco Pauli, Beyond correlation: Discovering causal effects of AI on innovation across European SMEs

Francesca Bassi, Juan Antonio Marmolejo Martin, Eco-sustainable tourism in Europe, an analysis with multilevel models

Daniele Girolimetto, Tommaso Di Fonzo, Insights into regression-based cross-temporal forecast reconciliation

Manlio Migliorati, Gianni Gilioli, Anna Simonetto, Improving interpretability using surrogate models: an ecological case study

Greta Panunzi, Jafet Belmont, Janine Illian, Sara Martino, Species distribution modeling approach for biased citizen science data

Chair and discussant: Mariangela Zenga, Bicocca University of Milano

Room B - CONT19

New insights in textual data analysis

Erika Banzato, Davide Risso, Monica Chiogna, Vera Djordjilović, Data transformation and its validity in a two-sample problem: an illustration based on graphical models

Matteo Farnè, Giulia Benelli, Detecting fake news from text: a stagewise methodology

Livio Finos, Andrea Sciandra, Analysis of Mastodon's Italian messages: networks, topics, LLM and machine learning

Francesco Santelli, Valeria Policastro, Alessia Forciniti, Giancarlo Ragozini, Leaders and parties: how do they speak online?

Andrea Simonetti, Rodolfo Damiano, Language of bankruptcy: analysis of word sequences and word contexts

Chair and discussant: Antonio Calcagni, University of Padova

Room C - CONT20

Functional data in health and environmental sciences

Enea Bongiorno, Kwo Lik Lax CHan, Aldo Goia, Confidence interval for the complexity index of functional data

Regina Castrovilli, Fabrizio Durante, Daniela Gallo, Gianfausto Salvadori, Regionalization methods for Compound Extremes based on the Wasserstein distance

Giuseppe Loffredo, Elvira Romano, Fabrizio Maturo, Enhancing graphical interpretability for functional random survival forest

Lucia Mongelli, Domenico Adamo, Gianpiero Bianchi, Survey on urban environmental data: data validation

Marco Stefanucci, A new algorithm for the imputation of missing functional data

Chair and discussant: Elvira Romano, University of Campania