



Joint Meeting SIS-FENStatS 2026

53rd SIS and 1st FENStatS Scientific Meetings

Detailed Scientific Program

SIS-FENStatS Meeting 2026

Monday, June 22, 2026

10:00 – 12:30 SATELLITE MEETING

Sala Lauree, ground floor. Facoltà di Scienze Politiche, Sociologia, Comunicazione, Building CU002

- ▷ 100 years of methodological evolution: Official Statistics between scientific rigor and digital Innovation
Opening of the session: Chelli F.
Moderator: Luzi O.
Invited speech: Di Zio M.
Panel discussion: Bini M., Cocchi D., Conti P., Ferrante M.R.
Closing of the session: Chiodi M.

12:30 - 19:30 REGISTRATION

Dipartimento di Scienze Statistiche Atrium

14:00 - 14:15 Premiazione vincitori SUS Marcello Chiodi, Marco Ludovico (Dir. Comunicazione ANAS)

14:15 - 14:45 Opening Conference

Aula Magna (Rettorato)

15:00 - 16:00 CONTRIBUTED SESSIONS

Aula D

Contr 01 - Innovative Statistical Approaches in Education: Measurement, Networks, and Learning

Chair: Silvia Salini

- ▷ Brancaccio N., Giordano G., Vitale M.
A model-based analysis of peer effect in educational transition
- ▷ Paganoni A., Marino F., Guagliardi O., Di Stazio F., Mazza E., Tanelli M.
An Item Response Theory Approach to Measuring Academic Stress and Well-Being in Higher Education
- ▷ Cameletti M., Finazzi F., Metulini R.
Table Football as a Platform for Statistical Education and Sports Analytics
- ▷ Mignani S., D'Attoma I., Giambalvo O.
Teaching and Learning Statistics in Practices?



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- ▷ Amati V., Corradin R., Fiori A., Pasquazzi L., Romio S.
Rethinking Statistics Education with Innovative Tools for High School Teachers

Aula Gini

Contr 02 - Clustering and inference in complex networks

Chair: Luca Tardella

- ▷ Rondinelli R., Palazzo L., Ievoli R.
A novel global clustering coefficient for football passing network
- ▷ Pacca A., Kronegger L., Ragozini G., Vitale M.
Clustering Multilayer Networks in Schools through ERGMs and Tandem Analysis
- ▷ Carini L., Lai M., Sommariva S.
Network based statistics for hypothesis testing in multiple groups of brain connectivity graphs
- ▷ Benussi D., Banzato E.
Node-Level Inference in Gaussian Graphical Models via Two-Stage Leave-One-Out Testing
- ▷ Arbia G., Della Ratta L., Nardelli, V., Salvini N.
Honey, I Shrank the Spatial Econometric Coefficients!

Aula III

Contr 03 - AI and complex model for socio-economic dynamics

Chair: Cecilia Fortunato

- ▷ Chiapparino J., Bitetto A., Cerchiello P.
Assessment of Environmental Sustainability: a Dynamic Extension of a Data-Driven Index via DFM and DA-LSTM
- ▷ Omenti R., Isani M., Minardi S., Barban N.
Penetration of Generative Artificial Intelligence in Europe: population and geographic heterogeneities
- ▷ Cavallaro E., Maggi B.
A Continuous Time Dynamic Model for the Analysis of Currency Board Fragility
- ▷ Arletti A., Schiavon L., Stival M., Bertarelli G., Campostrini S.
A Flexible AI Framework for Census Calibrated Small Domain Prevalence Estimation
- ▷ Omenti R., Isani M., Minardi S., Barban N.
Who Benefits and Who Is Replaced? Demographic Patterns of Generative AI Exposure in the United States



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Aula 201

Contr 04 - Financial Risk and Carbon Pricing

Chair: Paolo Maranzano

- ▷ Lacava D.
A CAViaR Model with Spillover Effects for Tail Risk Forecasting
- ▷ Selva M., Cincinelli P., Rimella L.
A Comparison between Econometric and Machine Learning Approaches to S&P 500 Volatility
- ▷ Bertolini M., Caporin M.
Carbon markets impacts on stock prices
- ▷ Duttalo P., Lisi F.
Do carbon costs under the EU ETS fully pass through to Italian electricity prices?
- ▷ Maranzano P., Musitelli A., Pelagatti M.
Regularized VARX Forecasting in High-Dimensional Energy and Environmental Time Series

Aula C

Contr 05 - Digital inclusions and local economies

Chair: Chiara Masci

- ▷ Fabrizi E., Cassar A., Trovato G., Spagnoli A., Alfò M.
Equal Entry, Unequal Returns: Decomposing the Gender Gap in Wages and Employment Duration
- ▷ Pirotta D., Mariani P., Zenga M.
Recruitment Dynamics and Soft Skills in the Italian Labour Market
- ▷ Biasetton N., Fanin E., Selek M.
Assessing the added value of physical touch in consumer virtual product evaluation
- ▷ Caruso M., Migali G.
Refugee centers and local economies: empirical evidence from Italy
- ▷ D'Alberto R.
The impact of the COVID-19 lockdown on retail fuel prices: gas station-level evidence from Italy



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Aula II

Contr 06 - Transportation Systems and Traffic Time Series

Chair: Maurizio Vichi

- ▷ Colombo S., Gimenez-Zapiola A., Ieva F., Vantini S.
A Continuous-Time Multi-State Framework for Understanding Delay Dynamics in Suburban Rail Systems
- ▷ Urso F., Aronica M., Piacentino D., Cracolici M.
Tourist Destination Congestion from a Demand Side Perspective: Evidence from a Novel Survey in Southern Italy
- ▷ Pyeshchyk M., Burzacchi A., Pistore M.
Differentiated imputation of sporadic and clustered missing values in traffic time series
- ▷ Guerini S., Metulini R.
Modeling traffic flows time series using simplified D-vines
- ▷ Zanotti M., Zangirolami V., Pavesi F.
An evaluation of ensemble strategies for time series anomaly detection

Aula 101

Contr 07 - Statistical methods in health and epidemiology

Chair: Stefania Gubbiotti

- ▷ Mapelli A., Carini L., Sommariva S., Ieva F.
Age-adjusted functional connectivity alteration in ADHD from resting-state fMRI: a covariate-modulated graphical model approach
- ▷ Caldera L., Bottacini G., Ieva F., Cavinato L.
Conditional Normalizing Flows for Likelihood-Based Medical Image Classification
- ▷ Parolin S., Risso D.
Does the Inclusion of Genomic Covariates Improve Survival Prediction in Colon Adenocarcinoma patients? A Reassessment based on Penalized Cox Regression Models
- ▷ Khorrami Chokami A.
Exploring the Drivers of Adolescent Obesity Through Variable Importance and Data Augmentation
- ▷ Grazzini C., Morelli S., Castellana D., Pilli E., Cereda G., Lusa L.
Lessons learned from predictive modeling of Biogeographical Ancestry: why Initial Data Analysis matters?



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16:15 - 17:15 PLENARY SESSION

Aula Magna (Rettorato)

- ▷ **Plen 01** - Michael Jordan (University of California, Berkeley, USA, Inria Paris)
Emerging Challenges at the Tripartite Interface of Computation, Economics, and Inference

Chair: Giovanna Jona Lasinio

17:15 - 17:45 Tea break

Terrazza del Rettorato

17:45 - 19:15 INVITED SESSIONS

Aula Gini

Sol 01 - Target Trial Emulation: limits and opportunities

Organizer: Alessandra Spagnoli

Chair: Alessandra Spagnoli

- ▷ Mayer F., Massari M.
Target Trial Emulation: An Overview for Causal Inference from Observational Data
- ▷ Mancusi R. L.
Surgery in elderly intracerebral hemorrhage: a Target Trial Emulation
- ▷ Barbati, G., Turollo, F., Gregorio, C.
Target Trial Emulation using Electronics Health Records: the experience of the Trieste Cardiovascular Observatory
- ▷ Fabrizi E., Moretti M., Balbo N., Spagnoli A., Alfò M., Suulamo U., Trovato G., Martikainen P.
Assessing the Impact of Having Children with Disability on Parents' Health and Life Outcomes

Aula II

Sol 02 - Small Areas in Official Statistics: applied research and perspectives

Organizer: Michele D'Alò

Chair: Tiziana Tuoto

- ▷ Robayo M., Belhaj Hassine N.
Comparative Small Area Poverty Mapping in the EU: Insights from recent cross-country results and Pilots
- ▷ Wulansari I.Y., Woodcock S., Brown J.
Small Area Estimation with Functional Measurement Error: A Design-Based Simulation and Application to Official Statistics



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- ▷ Failli D., Ranalli M.G.
Small area estimation for social phenomena using multidimensional latent trait models
- ▷ Di Consiglio, L., Polettini, S., Solari, F.
Bayesian Multivariate Fay-Herriot Model for Compositional Data

Aula III

Sol 03 - New perspectives in multi-omics data integration methods

Organizer: Giulia Capitoli

Chair: Giulia Capitoli

- ▷ Angelini C., De Canditiis D., De Feis I., Iuliano A.
Cooperative Survival Modeling for Prognosis via Multi-Omic Data Integration
- ▷ Renzetti S.
A Weighted Quantile Sum (WQS) approach for omics data
- ▷ Billato I.
Integrating Histopathology Image Features with Multi-Omics Data in Breast Cancer: A TCGA-BRCA Case Study
- ▷ Nguyen T., Angelini C., De Canditiis D., Carissimo A.
Coupled Autoencoder for multi-omics data integration

Aula D

Sol 04 - Survey-to-survey imputation for estimating inequality parameters

Organizer and Chair: Gianni Betti

- ▷ Molini V., Mori L.
Improving Inequality Estimation in Survey-to-Survey Imputation using GAMLSS
- ▷ D'Alberto R., De Nicolò S., Gardini A.
A scenario-based approach to estimate poverty transitions from repeated cross-sections
- ▷ Bianchi A., Gigliarano C., Maiorino S., Mammadli R.
Multidimensional Deprivation and Peripherality in Lombardy: Small-Area Estimation and Threshold Analysis



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Aula C

Spec 01 - Demography and Technology

Organizer and Chair: Cinzia Castagnaro

Discussant: Agnese Vitali

- ▷ Goisis A., Pelikh A., Martikainen P., Remes H., Kuehn M.
Birth outcomes in single motherhood 'by choice': A register study of children conceived through medically assisted reproduction
- ▷ Tata F.
Demographic and Social Patterns of Online Dating in Italy
- ▷ Lallo C., Tomassini C., Maselli A., Guglielmi E., Scalabrino S., Oliveto R.
Silver Tech Slow Uptake: Digital Innovation and the Care Gap in Ageing Italy

Aula 201

Fen 01 - High-dimensional data analysis

Organizers: Yarema Okhrin, Jakob Söhl

Chair: Yarema Okhrin

- ▷ Bauer, J.O.
High-Dimensional Variable Clustering without Covariance Matrix Estimation
- ▷ Gribisch, B.
Dynamic Data-Driven Regularization and Bias Adjustment of Realized Global Minimum Variance Portfolio Weights
- ▷ Hron, K., Nešlehová, J., Genest, C., Czolková, A., Uličný, O.
Analysis of Information Composition under the Normality Assumption
- ▷ Sahamkhadam, M., Stephan, A., Muhinyuza, S.
High-Dimensional Copula-Based Black-Litterman Portfolio Optimization with Normalizing Flows

19:30 Welcome cocktail

Terrazza del Rettorato



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Tuesday, June 23, 2026

08:00 - 19:30 REGISTRATION

Dipartimento di Scienze Statistiche Atrium

08:30 - 09:30 CONTRIBUTED SESSIONS

Aula D

Contr 08 - Functional Data Analysis

Chair: Pierpaolo Brutti

- ▷ Cavinato L., Conforti A.
A Functional Data Analysis Framework for Automated Classification of Retinal Diseases from OCT Imaging
- ▷ Bellomo I., Gottard A.
Some Insights on Checking Conditional Independence in Functional Graphical Models
- ▷ Gagliano A., Sottile G.
Functional clustering of registered OD600 growth-curve effects reveals archetypal pollutant response dynamics
- ▷ Pinello D., Sottile G., Mineo A., Mastrangelo S., Augugliaro L., Cesarani A.
Functional Data Analysis and Machine Learning for the Traceability of Italian Sheep Milk
- ▷ Capezza C., Forcina D., Lepore A., Palumbo B.
Statistical Process Monitoring of Covariance in Multivariate Functional Data

Aula Gini

Contr 09 - Bayesian spatial modelling

Chair: Francesco Denti

- ▷ Carlino G., Perri A., Malizia V., Pandolfo A., Sarno G., Baldacci S., Maio S., Viegli G., Ferrante M., La Grutta S.
Bayesian Hierarchical Causal Analysis of Environmental Determinants of Respiratory Function in School-Age Children: A DAG-Based Approach
- ▷ D'Agostini M., Ventrucchi M., Ranzi A.
Bayesian Latent Factor Modelling with Spatially-Varying Loadings: An Application to Urban Vulnerability Assessment
- ▷ Poggio D., Mastrantonio G., Brussolo E., Burzio E.
A Bayesian Non-Parametric Approach to Water Consumption Clustering
- ▷ Battaglia S., D'Angelo N., Mingione M., Alaimo Di Loro P.
Modeling Wildfire Recurrence in Italy A Spatial Survival Approach using INLA
- ▷ Gallucci L., Zorzetto, D., Maraschini, A., De Vito, R., Jona Lasinio, G.
A Bayesian Nonparametric Model for Spatial Clustering



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Aula III

Contr 10 - Innovations in health and clinical trials

Chair: Valeria Sambucini

- ▷ Guicciardi G., Quetti F., Croce M.G., Filosto M., Mongini T.E., Grandis M., Gasperini S., Maggi L., Sechi A., Velardo D., Sacchini M., Ravaglia S., Ballante E., Pichiecco A., Figini S.
Explainability of Clinical Features Through Bagged Clustering
- ▷ Mazza R., Grassia M., Marina, M., Cataldo R., Stavolo A., Paesano S., Sacco D., Cataldi M., Femminella G.D., Rota G.
Integrating Clinical Narratives and Structured Data in Alzheimer's Research: A Multiple Factor Analysis Approach
- ▷ Mariani F., Frieri R., Baldi Antognini A., Zagoraiou M.
Borrowing in clinical trials: design and analysis perspectives
- ▷ Rosenberger W., Fu D., Qiao W.
Considerations in Designing Enrichment Clinical Trials
- ▷ Seghieri C., Feldens T., Ride J., Peccatori F. Angeloni D.
What Matters in Ovarian Cancer Screening? Evidence from a Discrete Choice Experiment in Italy

Aula 201

Contr 11 - Advances in poverty dynamics

Chair: Gianni Betti

- ▷ Bini M., Masserini L.
Does Labor Taxation Matter for In-Work Poverty? Evidence from European Countries
- ▷ Leo D., Betti G.
Estimating Poverty Dynamics from Bracketed Income Data
- ▷ Celardo L., Benedetti I.
Measuring Food Poverty in Times of Inflation: Evidence from Italy
- ▷ De Capitani L., Fattore M., Gogni V., Picasso E., Bonfiglio J.I., Salvia A.
Partial Order based Visual Representation of Poverty in Argentina
- ▷ Broka A., De Nicolò S., Angel S.
Small Area Estimation of Poverty Trends in Austria



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Aula C

Contr 12 - New perspectives in tourism

Chair: Natalia Golini

- ▷ Ahmed A., Crocetta C., Cataldo R., Mazza R., Grassia M.G.
Future Tourism Scenarios via PLS-PM
- ▷ Guizzardi A., Costa M., Ranieri E.
Peer-to-Peer Accommodation and Hotel Quality: A Municipal-Level Panel Analysis
- ▷ Benedetti I., Duttalo P., Laureti T., Secondi L.
Seasonal spatial price indices: a case study of Italian accommodations
- ▷ Marcis L., Nava C.
Tourism and Emissions Vulnerability: the TEV Composite Index
- ▷ Morelli C., Nava C.
Tourism, Energy, and Space Time Dynamics: Insights from Italian Provinces

Aula II

Contr 13 - Social impact of Environmental Dynamics

Chair: Ida Camminatiello

- ▷ Ciotti L., Macchia F., Caponera A., Santucci de Magistris P.
CO₂ and Temperature Dynamics on the Sphere: A Multiscale Approach
- ▷ Giuffrida A., Vurro A., Mazzitelli A., Espa G.
Do Patents Still Matter in Industrial Districts? A GWR-Based Spatial Analysis
- ▷ Pajno R., Carillo F., Maranzano P., Schmid T., Borgoni R.
Using satellite data to estimate agricultural carbon footprint in Northern Italy: a small area estimation approach
- ▷ Favaro D., Paggiaro A., Pagin E.
Extremely High Temperatures and Fertility in Italy: A Municipal-level Event-Based Analysis
- ▷ Tomaselli V., Di Nuzzo C., Cantone G.
The Three-Way Spectral Clustering Method for the Analysis of Territorial Fragility before and after the COVID-19 Pandemic

Aula 101

Contr 14 - Advances in conformal predictions

Chair: Silvia Poletti

- ▷ Conforti A., Pegoraro M., Carrière M.
Building confidence regions for Reeb graphs using the interleaving distance



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- ▷ Bortolotti T., Fregnan S., Vantini S.
Modeling Covariate-Dependent Variability in Functional Conformal Prediction
- ▷ Ariza Sanchez J., Bortolotti T., Vantini S.
Rank-based Functional Conformal Prediction Bands
- ▷ Chan L., Delsol L., Goia A.
Weighted Pseudo-Metrics for Finite-Sample Improvement in Functional Nonparametric Regression

09:45 - 11:15 INVITED SESSIONS

Aula Gini

Spec 02 - Modern Advances in Hierarchical and Nonparametric Bayesian Model

Organizer: Michele Guindani

Chair: Francesco Denti

Discussant: Roberta De Vito

- ▷ Franzolini, B., Lijoi, A., Pruenster, I., Rebaudo, G.
The mysterious correlation structure in dependent nonparametric models
- ▷ Vannucci M.
Bayesian Varying-Effects Regression Models via Gaussian Process Priors
- ▷ Franzolini, B., Cremaschi, A., Piccarreta, R.
Learning pathways of life events:: a sequential allocation Bayesian model with label tracking

Aula II

Spec 03 - Advances in Statistical Modeling and Methods for Complex Data

Organizer and Chair: Rosanna Verde

Discussant: Paolo Giudici

- ▷ Albano A., Di Maria C., Sciandra M., Plaia A.
Causal Machine Learning for Medical Texts under Nonlinear Confounding
- ▷ Sabri, M., Balzanella, A., Verde, R.
A Multi-level Clustering method for complex data
- ▷ Delicado P.F., Casanova-Lloveras A., Pachón-García C.
Distance-based dimensionality reduction for big data



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Aula III

Spec 04 - Advances in Modeling Dependent Functional Data

Organizer and Chair: Nicola Pronello

Discussant: Maria Franco Villora

- ▷ Telesca D., Marco N., Landry E.
Mixed Membership Models for Multilevel Functional Data
- ▷ Zaccardi C., Ippoliti L., Berrocal V.
A Functional Regression Approach for Assessing the Impact of Temperature Profiles on Crop Yield
- ▷ Palummo A., Arnone E., Sangalli L.M.
Physics-informed separable smoothing with time-parametrized operators

Aula D

Spec 05 - The role of AI and Data Science in Official Statistics

Organizer, Chair and Discussant: Alessandra Righi

- ▷ Verme P.
The Shifting Nature of Statistics in the Age of Algorithms
- ▷ Dumpert, F., Würbach, A., Aßmann, C., Lange, K.
Reflections on (Auto-)E&I in Official Statistics
- ▷ Bruno M.
Towards Trustworthy AI in Official Statistics: Methodological Challenges and Research Perspectives from Istat

Aula C

Fen 02 - Spatial and Spatio-Temporal Statistics

Organizers: Anastassia Baxevasi, Geir-Arne Fuglstad, Yarema Okhrin, Benjamin Taylor

Chair: Yarema Okhrin

- ▷ Hristopulos, D.
Stochastic Local Interaction Machines (SLIM) for Spatiotemporal Regression
- ▷ Eckardt, M., Otto, P.
Spatiotemporal Autoregressive Models for Areal Compositional Data
- ▷ Upton, M.
Statistical Models for Solar Potential in Ireland: A Bayesian Spatio-Temporal Approach



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Aula 201

Fen 03 - Statistical Learning & Causal Inference

Organizer, Discussant and Chair: Anabel Forte Deltell

- ▷ Fuster Alonso, A., Conesa D., Bellido J., Coll M.
Capturing a changing ocean: Bayesian statistical learning for global species distribution models
- ▷ Even M.
Preference-Based Causal Inference
- ▷ Thomassen D., Weir, D., Kunneman, M., van Geloven N.
Assessing individual-level uncertainty of causal predictions through the causal effective sample size

11:15 - 11:45 Coffee break

Terrazza del Rettorato

11:45 - 12:45 PLENARY SESSION

Aula Magna (Rettorato)

- ▷ **Plen 02** - Stefano Iacus (European Centre for Algorithmic Transparency, Joint Research Centre European Commission)
Data Science for a Better World: Building a Safer Digital Environment

Chair: Roberto Zelli

12:45 - 14:15 Light lunch break

Terrazza del Rettorato

12:45 - 14:15 γ -SIS General

Aula Gini

14:15 - 15:45 INVITED SESSIONS

Aula Gini

Sol 05 - Novel computational approaches for complex Bayesian models

Organizer: Augusto Fasano

Chair: Nicola Torelli

- ▷ Aliverti E., Pozza F.
Bayesian ordinal probit inference with skew-symmetric EP and hyperparameter marginalization
- ▷ Amongero M., Mastrantonio G.
Bayesian Modeling of Complex Size-and-Shape Variation



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- ▷ Viscardi C.
Online Approximate Bayesian Inference for Discrete-Time Markov Models
- ▷ Zens G.
Scalable Variable Selection and Model Averaging for Latent Regression Models Using Approximate Variational Bayes

Aula II

Sol 06 - Family Structures and Demographic Outcomes in History

Organizer and Chair: Saverio Minardi

- ▷ Scalone F., Dribe M., Cagnone S., Baroni L.
Climate, Economy, and Infant Mortality in Pre-Industrial Sweden (1756–1859): A Dynamic Structural Equation Approach
- ▷ Fornasin A., Caltabiano M., Freni G.
Infant Mortality in a Setting of Early Female Marriage: Montallegro, 1821-1865
- ▷ Manfredini M.
The impact of short-term crises on households. Considerations on mortality and emigration in a mid-19th century Italian rural village
- ▷ Ruiu G., Pozzi L.
Lives on the Margins: An Analysis of Asylum Mortality in Italy at the Turn of the 20th Century

Aula III

Sol 07 - Spatio-Temporal functional methods and Point Processes

Organizer and Chair: Nicoletta D'Angelo

- ▷ Arnone E., Panzeri S., Begu B., Carey M., Clemente A., Sangalli L.
Spatio-temporal intensity estimation for point processes on complicated domain
- ▷ Pronello N., Castiglia S., Frontuto V., Golini N., Ignaccolo R., Ippoliti L.
Assessment of Water Quality Using Varying Coefficient Models on Fluvial Networks
- ▷ Lo Galbo G., Ghorbani M.
Functional marked Hawkes processes theory and application: Functional marked Hawkes processes
- ▷ De Magistris A., Romano E., Irpino A.
Hybrid spatial functional regression for seismic wave analysis



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Aula D

Sol 08 - Statistical and Machine Learning for Biomedical Applications

Organizer: Sara Fontanella

Chair: Alex Cucco

- ▷ Hayden I.S., Filippi S., Niederer S.
Kernels in Multi-Fidelity Gaussian Processes for Translational Modelling
- ▷ Rancoita P.M.V., Pecorelli N., Brombin C.
Uncovering longitudinal patients' profiles in clinical studies: a practical comparative analysis of statistical methods
- ▷ Rattray, M., Li, Z., Alvarez, M., McWilliam, A., Shortall, J.
Modelling sparse and irregular longitudinal biomarker data with multi-output Gaussian processes
- ▷ Leath H., Cucco A., Fontanella S., Ippoliti S.
Hierarchical Gaussian Process Decomposition for Sparse Irregular Longitudinal Data

Aula C

Fen 04 - Statistics in Business and Economics

Organizer and Chair: Yarema Okhrin

- ▷ Futschik A.
Estimating Damages from Cartels: Causal Inference Using Classical and New Approaches
- ▷ Okhrin, Y.
Revealing Technical Trading Rules with Empirical Similarity
- ▷ Schmid W., Okhrin Y., Knoth S.
Monitoring Matrix-Valued Data
- ▷ Stephan A., Sahamkhadam M.
Common climate risk factors in the returns of bonds

Aula 201

Round Table Banco BPM Giuseppe Arbia, Vito Damato, Edoardo Faletti, Paolo Giudici, Federico Luce, Paolo Mariani, Maria Cristina Recchioni

Chair: Andrea Ciccarelli

15:45 - 16:15 Tea break

Terrazza del Rettorato

16:15 - 17:15 POSTER SESSION

Museo dell'Arte Classica



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17:15 - 18:15 CONTRIBUTED SESSIONS

Aula D

Contr 15 - Statistical Methods for Evidence-Based Policy and Social Measurement

Chair: Roberta Di Stefano

- ▷ Musella F., Vicard P., Marella D.
Data-Driven Analysis of No-Vote Rates Using Bayesian Networks
- ▷ Concas A., Sulis I., Usala C.
Measuring School-Related Economic Difficulties: Development and Validation of a Parent-Reported Scale in Italy
- ▷ Flamigni A., Lanino L., Gregorio C., Della Porta M.G., Ieva F.
Adapted Brier Score: a new approach to Multi-State model selection
- ▷ Ballante E., Figini S.
Polarized Classification Forest (PolCF)

Aula Gini

Contr 16 - Statistical models

Chair: Pasquale Valentini

- ▷ Monti G., Parzer R., Baricci A.
Modeling Non-Monotonic Stochastic Degradation via Filter-Augmented Nonlinear Regression
- ▷ Varini E., Artese M.
Expert-Student Agreement in Surveying Building Features: A Preliminary Analysis
- ▷ Bonetti M., Seghieri C.
Modeling the Determinants of Inappropriate Emergency Department Admission: A Hurdle Model Analysis in Autonomous Province of Bolzano (Italy)
- ▷ Melnykov V., Wang L.
On the application of finite mixture modeling to the analysis of Pinus palustris Mill data
- ▷ Legramanti S., Paganin S., Argiento R.
Bayesian clustering of brain regions with three-dimensional spatial covariates



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Aula 101

Contr 17 - Computational methods

Chair: Corrado Crocetta

- ▷ Cannas M., Piras N., Callia L.
Maximum Likelihood and Moment Estimators for the Voigt Profile via Fourier Transform
- ▷ Auricchio G., Giudici P., Toscani G.
The Worst-Case Rank Graduation Metrics
- ▷ Ascolani F., Furlan F., Rebaudo G., Ruggiero M.
Efficient Gibbs sampling for transition weights in Fleming-Viot Filtering and smoothing
- ▷ Cortese F., Rossini L.
Initialization Strategies for the Infinite Hidden Markov Model: a Monte Carlo Analysis
- ▷ Ceci A., Mongelli L., Scalfati F.
Computational Choices and Statistical Quality in ESG Indicators Based on Web Data

Aula 201

Contr 18 – Statistical methods for sparsity

Chair: Nicoletta D'Angelo

- ▷ Pacifico A.
Dynamic Probit Models on Networks with Sparse Time-Varying Effects
- ▷ Wiemann P., Katzfuss M.
Scalable Sparse Autoregressive Variational Inference for Non-Gaussian Spatial Fields
- ▷ Ragni A., Cavinato L., Ieva F.
Risk-Based Stratification accounting for Group Membership using the HazClust R Package
- ▷ Pelagatti M., Maranzano P., Gatto Ronchieri G.C.
Smoothing Splines with some Discontinuities
- ▷ Salaroli C., Pardo M.
Sparsity and Discrimination: A Summary of the pye R Package for Penalized Youden Index Estimation



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Aula C

Contr 19 - Advances in biostatistics

Chair: Giulia Capitoli

- ▷ Papageorgiou V., Tsaklidis G., Votsi I.
Estimating epidemic severity via uncertainty-aware indicators enhanced by particle filtering
- ▷ Pokharel G.
Modeling infectious disease transmission dynamics with policy-informed behavioral change
- ▷ Colombara S., Bongiorno N., Caliandro M., Nordera E., Epifani I., Guglielmi A.
Modeling Metabolic Syndrome Risk in Blood Donors Using Non-Invasive Screening Data
- ▷ Bertarelli G., Gardini A.
Addressing Bias from Coarsened Self-Reported Data in Health Surveillance Systems
- ▷ Pinto V., Sousa L., Silva C.
A Caller-Agnostic Post-Filtering Framework for Variant Prioritization on Whole-Genome Sequencing

Aula II

Contr 20 - Statistical methods for violence against women

Chair: Laura D'Angelo

- ▷ Mollica C., Tardella L., Deriu F., Pollice A.
Understanding reporting of violence against women to police: a Bayesian multilevel model for integrated official and administrative data from Anti-Violence Centers in Apulia
- ▷ Cefalo L., Calculli C., Pollice A.
An exploratory analysis of centres for men authors of violence in Apulia through Bayesian graphical modelling
- ▷ Ioannoni V., Muratore M., Violante A.
Measuring Femicide: the case of Italy
- ▷ Cammarata I., Boca S., Servidio R.C., Basilico M.
Development and Validation of the Gender Ideology Belief Scale (GIBS)
- ▷ Mezzetti M., Negri I.
A Bayesian Framework for Estimating the True Incidence of Gender-Based Violence in Italy



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Aula III

Contr 21 - Sampling Designs, bias and complex models

Chair: Pietro Belloni

- ▷ Di Paolo, G., Papa, P., Bosso, P., Distefano, D.
Advancing automated reporting for official business statistics: perspectives and challenges
- ▷ Pedicone A.
On a stopping rule for inverse sampling without replacement
- ▷ Oguz-Alper M., Zhang L.
A novel design-unbiased sampling strategy for graphs: an application to actor-actor network
- ▷ Lima R.
Design-based vs model-based: comparing traditional and adaptive sampling designs for consumer confidence
- ▷ Bongiorno E., Chan L., Goia A.
Statistical use of the Small Ball Probability

18:30 - 19:30 CONTRIBUTED SESSIONS

Aula D

Contr 22 - Small Area and Calibration Methods

Chair: Gaia Bertarelli

- ▷ Costantini S., Pasqualetti P., Rinaldi P., Chiarella D., Favilla M., Majorano M., Spreafico L., Tardella L.
Size estimation of lexicon directed to Italian preschool children via a frequencies-of-frequencies approach
- ▷ Martínez-Puertas, S., Cobo-Rodríguez, B., Rueda-García, M.
Calibration estimation of distribution function by integrating non-probability and probability survey samples
- ▷ Marcis L., Pagliarella M., Salvatore R.
Diagnostic Measures for Area-Level Models in Small Area Estimation
- ▷ La Rocca A.
Kernel Doubly Robust Estimation for Non-Probability Samples: A Simulation Study
- ▷ Bartolucci, F., Ranalli, M., Treppiedi, G.
Small area estimation for pseudo-panel data using Hidden Markov Models



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Aula Gini

Contr 23 – Statistical Production, Quality and Data Integration

Chair: Fabrizio Solari

- ▷ Straccamore I., Casagrande C., Rocci F.
A new Quality framework for Statistical Registers and its application to the REPA
- ▷ Chieppa, L., Cicalini, L., Righi, A.
Enhancing the Integration of New and Privately Held Data Sources into Official Statistics
- ▷ Garnier-Villarreal M., Filipponi D., Varriale R.
Hidden Markov Model Predictions under Designed Missingness: A Sensitivity Analysis
- ▷ Altarocca, F., Aprile, D., Fiore, A., Polizzi, M.
The evolution of production and experimental processes in official statistics: the role of innovative tools

Aula III

Contr 24 – Network and latent models in language study

Chair: Susanna Zaccarin

- ▷ Vurro A.E., Giuffrida A., Mazzitelli A., Espa G.
Spatial Drivers of Success in Network Alliances
- ▷ Aria, M., Cobo, M., D'Aniello, L., Misuraca, M., Spano, M.
A Multiplex Network Approach for Longitudinal Frame Detection in Newspaper and Press Language
- ▷ Restaino M., Misuraca M., Giordano G.
A Nonparametric Approach to Composition-Adjusted Time-to-First-Citation Analysis
- ▷ D'Angelo S., White A., Faulkner M.
A bipartite network analysis of sound-spelling pairs distribution across a corpus of Old English texts
- ▷ Carannante M., Forciniti A., Margiotta D.
When time is language: continuous topic differential equations in podcasts

Aula 201

Contr 25 - Education and Gender Inequality

Chair: Elena Ambrosetti

- ▷ Peri I., Ripamonti E.
A new h-index type measure of gender gap



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- ▷ Lombardi G., Milone S., Tocchioni V.
Assessing the gender peer effect in university enrolment in Italy
- ▷ Salomone Marino F.
Modeling intergenerational educational transmission: a segmented regression approach
- ▷ Perego, L., Guglielmi, A., Colombara, S., Beltramin, G.
Women's Employment and Early Childhood Education in Italian Provinces
- ▷ Ascolani F., Buttigliero Y., Ruggiero M. A diffusion-based approach to missing data in binary time series

Aula C

Contr 26 - Labor Markets and Social Inequality

Chair: Marina Bertolini

- ▷ Trășcan A.
Beyond the Unemployment Rate: A Multidimensional Analysis of Precarity and Gender Disparities in the Labor Market in the European Union (2010-2024)
- ▷ Campolo M.G.
Digital inclusion and life satisfaction in Sicilian inner areas: evidence from the DREAMS survey
- ▷ Bitonti, F., Ghio, D., Bozzon, R., Avola, M.
Labour-Force Renewal in Ageing Societies: Sub-National Evidence from Italy and Spain
- ▷ Di Padova P., Lucarelli A., Matera E.
Measuring Recruitment Difficulties
- ▷ Brunetti M., Fabretti A.
Pink Queue and Double Standard

Aula II

Contr 27 - Population Health and latent trait models

Chair: Paolo Giordani

- ▷ Pittavino M., Andreella A., Bertarelli G., Campostrini S.
Functional Inference for Assimilation Effects: Evidence from Migrants' Mental Health in Italy
- ▷ Arcaio M., Parroco A.
Latent Vulnerability Profiles among Refugees and Asylum Seekers in Italy
- ▷ Hristova I.
Testing Berry's acculturation framework: researcher-led classification versus latent variable models
- ▷ Polo G., Feraldi A.
Parental Underestimation of Adolescent Difficulties: Descriptive Evidence of Links with Risk Behaviours



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- ▷ Lugli J., Feldens T., Magazzini L., Vignoli D., Seghieri C.
Silver splits, Widowhood and Social Support in Later Life: Causal Evidence for Europe

Aula 101

Contr 28 - Genomics, Biomarkers and Network Models

Chair: Ilaria Lucrezia Amerise

- ▷ Grassi P., Bellini A., Seghieri C., Vignoli D.
Determinants of Access to Palliative Care Across European Countries: Multilevel Evidence from SHARE
- ▷ Ripamonti E., Platt R.
Effect of Incomplete Database History on Propensity Score Adjustment
- ▷ Tebala D., Ferruzzi C.
Do You Recognize At-Risk Behavior?
- ▷ Bortolotto E., Belloni P.
Evaluating frailty among older adults using a principal components-based indicator
- ▷ Scarpa S., Morciano M.
Inferring population health from selective laboratory testing data

19:45 Concert Coro Polifonico MuSa

Aula Magna (Rettorato)



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Wednesday, June 24, 2026

08:00 - 18:45 REGISTRATION

Dipartimento di Scienze Statistiche Atrium

08:30 - 09:30 CONTRIBUTED SESSIONS

Aula Gini

Contr 29 - Statistical education and sustainability

Chair: Stefania Mignani

- ▷ Forciniti A., Fabbrucci Barbagli A., Santelli F., Marotta I.
From Evolution to (R)evolution: Modeling Thematic Innovation in the Italian Scientific Landscape
- ▷ Cassanelli D.
Estimating Returns to Education with Endogenous Switching
- ▷ Celli V., Cerqua A., Di Stefano R.
The Long-Term Socio-Economic Impact of Early Childhood Education Expansion
- ▷ Bini M., Çelik N., Zeli A.
Temporal Dynamics of Cross-Country Educational Achievement: A Functional ANOVA Perspective on PISA Data
- ▷ Giacalone M., Piscopo G., Schoier G., Longobardi M., Cusatelli C.
Tourism Sustainability Assessment through Composite Indicators and Multivariate Analysis: Evidence from Campania Region

Aula III

Contr 30 - Clustering and mixture model

Chair: Maria Brigida Ferraro

- ▷ Casa A., Ferrari D.
A Confidence Set Approach to Mixture Order Selection
- ▷ Di Mari F., Rocci R., Gattone S., Giordano S.
A Fuzzy Entropic Approach for Clustering Curves on a Reduced Subspace
- ▷ Di Nuzzo C., Farnè M.
An algebraic approach to recover the number of clusters from the Laplacian matrix
- ▷ Crispino M., Modugno L., Mollica C.
Integrating covariates in Mallows models for analyzing partial rankings: a mixture of experts approach
- ▷ Goia A., Chan L.
Nonparametric ordinal regression with a Functional Covariate



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Aula 201

Contr 31 - Clustering and Latent Structures

Chair: Laura Bocci

- ▷ Nicolussi F., Masci C., Bertarelli G., Terzera L., Mecatti F.
Mixture Models for Partially Observed Variables
- ▷ Vanacore A., Ciardiello A.
On the Behavior of Classifier Performance Measures in Hard Classification Tasks
- ▷ Quetti F., Livan G., Figini S., Ballante E.
Bayesian Ensemble Forest for Anomaly Detection
- ▷ D'Epifanio G.
Unfitness Scaling by Problems-checking

Aula C

Contr 32 - Learning with Complex and Structured Data

Chair: Orietta Luzi

- ▷ Mazzitelli A., Gattone T., Magazzino C.
A Structured Spatio-Temporal Neural Architecture for Panel Microdata with Explicit Space-Time Lag Decomposition
- ▷ Zammarchi G., Kawasaki Y.
Compositional data analysis for climate change perception
- ▷ Mangano S., Ingrassia S.
Covariate shift correction under Poisson Regression modeling
- ▷ Delfino M., Rapallo F.
Evaluating Missing Data Imputation Methods in Binary Datasets
- ▷ Grossi G.
Distance Wise Synthetic Control Method to adjust Spatial Confounding in panel datasets

Aula II

Contr 33 - Reinforcement Learning and Sequential Decision Making

Chair: Rosalba Ignaccolo

- ▷ Pedrazzini E., Zangirolami V., Migliorati S., Borrotti M.
Flexible Beta: a Novel Policy Distribution for Proximal Policy Optimization
- ▷ Bolognesi F.
From manual to LLM assisted screening in PRISMA: a two-stage binary classification workflow for large scale systematic reviews



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- ▷ Pievatolo A., Meccariello G., Varini E.
Predictive maintenance using Reinforcement Learning, with application to lithium-ion batteries
- ▷ Zangirolami V., Pavesi F., Zanotti M.
Safe Exogenous State Reinforcement Learning for water tank system
- ▷ Distefano V., De Iaco S.
Spatial clustering based on ultrametric correlation for multidimensional territorial indicators

Aula 101

Contr 34 - Causal Methods and Identification Strategies

Chair: Cristina Mollica

- ▷ Longford N.
Causal inference about treatments defined on a continuum
- ▷ Di Maria C., Mineo A.
Estimating Interventional Mediation Effects for Longitudinal Data via Generalised Additive Models
- ▷ Chirico P.
Some notes on using regression on paired data from statistical matching
- ▷ Taglialatela Scafati K., Ballerini V.
Transporting local causal effects in RD designs
- ▷ Nuti A., Torrini E.
Weighted Log-Rank Test under Confounding and Conditionally Independent Censoring

Aula D

Contr 35 - Multivariate modelling for tourism and mobility

Chair: Andrea Marletta

- ▷ Conigliani C.
Modelling Cross-border Forced Migration and Internal Displacement Simultaneously: a Joint Hurdle Gravity Model
- ▷ Nissi E., Fuschi M., Valentini E., Iacuone S., Sarra A., Ferrari F.
How destination context shapes the dimensionality of sustainable tourist experiences
- ▷ Bacchi F., Neri L.
Incorporating natural growth and net migration in a Composite Fuzzy Index for depopulation: Italian municipalities as a case study



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- ▷ Atzori, F., Vivo, P., Bartolucci, S., Contu, G., Ortu, M.
Markov Chain approach to model tourist mobility using empirical Origin–Destination survey data
- ▷ Retegui G., Etxeberria J., Gelfand A., Ugarte, M.D.
Understanding Prior Smoothing in Multivariate Disease Mapping Models

09:45 - 11:15 INVITED SESSIONS

Aula Gini

Fen 05 - Survival analysis of medical data

Organizers: Carl-Fredrik Burman, Christel Faes, Lola Martínez-Miranda, Lisete Sousa
Chair: Lisete Sousa

- ▷ Abrams S.
Survival analysis within infectious disease modeling: from association in event time data to the analysis of serological data
- ▷ Barrio Beraza I., Perez-Izquierdo T., Esteban C.
Joint Modeling of Recurrent Hospitalizations and Death in COPD Patients Using a Poisson-Renewal Framework
- ▷ Duchateau L., Martlé J., Van Den Broeck M., Jonkers J., Verhaeghe J., Steenwinckel B., Cornillie P., Van Hoecke S.
Time to tooth emergence to predict dog age: a classical and machine learning survival approach
- ▷ Meira Machad L.F.
Flexible Estimation Techniques for Interval-Censored Multi-State Processes

Aula II

Spec 06 - Labour 5.0: new methods and sources to analyze the Labour Market

Organizer and Chair: Francesca Giambona
Discussant: Francesca Bassi

- ▷ Rocca A., De Luca G., Simoes F.
Tracking Urbanisation Gradient of NEET: Trends and Changing Rural-Urban Gaps
- ▷ Arezzo M.F.
Unsupervised detection of undeclared work: a two-stage framework integrating Isolation Forests and Benford Law
- ▷ Gallo A., Giambona F., Buzzigoli L., Grassini L.
Skill Intensity and Regional Skill Change: Evidence from Online Job Advertisements for ICT Occupations



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Aula III

Spec 07 - Evolving Perspectives in Compositional Data

Organizer and Chair: Violetta Simonacci

Discussant: Gianna Monti

- ▷ Lombardo R., Beh E.J, Rossi L.
Generalising the Cressie-Read family of divergence statistics: Weighted three-way log-ratio analysis with an application to medical data
- ▷ Porro F., Rapallo F., Sommariva S.
Common subspaces in compositional data with structural zeros
- ▷ Todorov V., Trendafilov N., Gallo M.
Intrinsic CoDa regression: Simulation and comparison to other approaches

Aula D

Spec 08 - Generational Impact Assessment: A Multidisciplinary Approach

Organizer, Discussant and Chair: Corrado Crocetta

- ▷ Giovannini E.
Intergenerational Equity in Public Policy: Measuring and Evaluating with Data
- ▷ Vittadini G., Fattore M., Mazziotta M., Fullone F.
Intermediary Bodies, Subsidiarity and Generational Impact: A Community Perspective
- ▷ Chiorazzo V.
The Pension Profile and Generational Burdens: Constraints, Perspectives, and Evaluative Criteria
- ▷ De Giorgi M.
Legislative Impact Evaluation for Generational Equity: The Italian Normative Experience

Aula C

Spec 09 - Novel models and methods for network data

Organizer and Chair: Giancarlo Ragozini

Discussant: Giuseppe Giordano

- ▷ Vega D'Aurelio D., Panayiotou G., Policastro V.
A network-based analysis of gender inequality in academic career persistence



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- ▷ Amati V., D'Agata R., De Stefano D.
Enriching Egocentric Co-authorship Networks with Survey Data: A Weighted Network Analysis of Academic Collaboration
- ▷ Cucco A., Fontanella L., Fontanella S., Ippoliti L.
A Bayesian Semi-Supervised IRT Approach for Extracting Latent Traits from Semantic Network

Aula 201

Fen 06 - Machine Learning, Clustering and Multivariate Statistical Methods

Organizers: Thomas Laloë, Michel Vaillant, Maurizio Vichi

Chair: Michel Vaillant

- ▷ Clausel M.
Causal Modelling: a gold road for more trustworthy AI in critical systems analysis
- ▷ Ley C., Felice F., Groll A., Bordas S.
Statistically Enhanced Learning
- ▷ Kestler, H.
Assessing order in high-dimensional data
- ▷ Sylvain le Corff
Monte Carlo guided Diffusion for Bayesian inverse problems

11:15 - 11:45 Coffee break

Terrazza del Rettorato

11:45 - 12:45 PLENARY SESSION

Aula Magna (Rettorato)

- ▷ **Plen 03** - Daniele Vignoli (University of Florence, Italy)
Uncertainty and Fertility

Chair: Stefano Campostrini

12:45 - 14:15 Light lunch break

Terrazza del Rettorato

12:45 - 14:15 SIS Board Meeting

Aula Gini



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14:15 - 15:45 INVITED SESSIONS

Aula C

Sol 09 - Medical diagnosis: methodological tools and problems

Organizer and Chair: Mauro Gasparini

- ▷ Nardi E.
An Estimator for the Hypervolume Under the ROC Manifold
- ▷ Reffo V., Billato I., Risso D.
Cell-type co-localization as a biomarker: a point-process framework for diagnostic imaging
- ▷ Capitoli G., Gubelli G., Coelho V., L'Imperio V., Denti, V.
Integrating Heterogeneous Biomarkers into Clinical Diagnosis: A Graph-Based Approach for Thyroid Lesions
- ▷ Giampino A., Pittarello G.
Modeling Time-to-Diagnosis from HIV Infection of Truncated Observations: Applied Comparison of Survival Models

Aula II

Sol 10 - Measuring multidimensional inequalities

Organizer and Chair: Anna Maria Bianchi

- ▷ Toso E.
"Does Age Favor Men or Women?" Life-course insights into gender gaps in well-being across OECD countries
- ▷ Peluso E.
Multidimensional Inequality Indices: some Issues on Decomposition and Invariance
- ▷ Nguyen V., Gigliarano C.
Assessing Robustness in Multidimensional Measurement: Ranking Stability Analysis for Composite Indicators

Aula 201

Sol 11 - Emerging Issues and New Directions in Social Statistics

Organizers: Francesco Santelli, Cristian Usala

Chair: Cristian Usala

- ▷ Vittorietti M., Attanasio M., Aiello F., Priulla A.
Meta-analysis of observational studies: a new balancing procedure
- ▷ Franceschini C., Giraldo A., Meggiolaro S.
The Effect of Secondary School Guidance on University Dropout: Evidence from the University of Padova



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- ▷ Morabito M.F., Rocco E., Tocchioni V.
Infertility in Italy: Calibrating Non-Probability Survey Data for Population-Level Estimates
- ▷ Stival M., Andreella A., Arletti A., Cavazza A., Schiavon L.
Global Discourses on Well-Being and Links to Environmental Dimensions: A Structural Topic Model of UN Member State Well-Being Documents

Aula III

Sol 12 - Recent developments in copula theory and dependence modeling

Organizer and Chair: Marta Di Lascio

- ▷ Benevento A., Durante F., Pappadà R.
Semi-supervised Learning with Copulas
- ▷ Dalla Valle L., Facchinetti S., Merli L., Osmetti S., Tarantola C.
Dependence Modelling Approaches to Bitcoin Forecasting Using Social Media Data
- ▷ Gioia V., Pappadà R.
Spatial Modelling of Urban Air Pollutants using Copulas
- ▷ Nai Ruscone M.
Robust Estimation for Paired Count Data

Aula D

Sol 13 - New perspectives on spatial and spatio-temporal statistics for environmental problems

Organizer and Chair: Paolo Maranzano

- ▷ Marques I.
Navigating Spatial Confounding: From Bias Characterization to Bayesian Solutions
- ▷ Berrocal V., Brusco B.
Accounting for preferential sampling in spatial extremes data: an application to air quality
- ▷ Hyun S., Coleman T., Ribalet F., Bien J.
Trend Filtered Mixture of Experts for Automated Gating of High-Frequency Flow Cytometry Data measurements
- ▷ Acosta J., Walkup D., Ryberg W., Schafer T.
Dynamic Moving Resting Processes for Animal Movement with Behavioral Shifts



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Aula Gini

Fen 07 - Artificial Intelligence in Official Statistics and its Governance (Round Table)

Organizer and Panel Chair: Maurizio Vichi, ESGAB

Alfred Camilleri, ESGAB Chair

Enrico Giovannini, Scientific Director ASVIS

Stefano Menghinello, Director Istat

Athanasios Thanopoulos, Deputy DG Eurostat

Maurizio Vichi, ESGAB Member

15:45 - 16:15 Tea break

Terrazza del Rettorato

16:15 - 17:45 INVITED SESSIONS & SIS Prizes SESSION

Aula Gini

Spec 10 - Theory and applications for directional data

Organizer and Chair: Chiara Passamonti

Discussant: Serena Pulcini

- ▷ Demni H., Buttarazzi D., Hubert M., Rousseeuw P.
Notched Violin Plots for Circular Data
- ▷ Loizidou S.
Enhancing Optimal Symmetry Tests on the Torus: Additional Simulation Studies
- ▷ Wu X., Kent J., Mardia K., Khambay B.
Trend Analysis for the Asymmetry of Bilateral Shapes

Aula II

Sol 14 - Leveraging new data sources in Official Statistics: challenges and opportunities

Organizer and Chair: Marco Di Zio

- ▷ Carfagna E.
Satellite data for monitoring and official statistics
- ▷ Marella D.
Alternative approaches for addressing selection bias in non-probability samples
- ▷ D'Orazio M., Tuoto T.



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A methodological frame for the re-use of MNO data in official statistics

- ▷ Caspanello M., Pappagallo A., Riccobono C., Salamone N., Valentino L.
Refining Maritime Transport Statistics through AIS Data Analysis

Aula III

Spec 11 - Advances in Latent Variable Modeling

Organizer and Chair: Maria Francesca Marino

Discussant: Marco Alfò

- ▷ Geremia S., Promskaia I., O'Hagan A., Fop M., Corsini N.
The network cluster-weighted model for attributed social networks
- ▷ Giordano S., Russo A., Farcomeni A.
Modelling Task Scheduling Behaviours using Latent Markov Models for Ranking Data
- ▷ Pandolfi S., Marino M., Merlo L.
Quantile-based joint modeling of longitudinal and survival data via a mixture of AR(1) latent processes

Aula D

Spec 12 - Machine Learning for time series forecasting, classification and anomaly detection

Organizer and Chair: Amalia Vanacore

Discussant: Emanuele Aliverti

- ▷ Poggi J.
Random Forests for Time Series
- ▷ Bourazas K., Alexopoulos A., Kalogeropoulos K., Dellaportas P.
Bayesian Binary Classification under Label Uncertainty with Network-Informed Gaussian Processes
- ▷ Bersimis S., Econompou P., Biris P., Michelakis C.
Profiling Claim-Level Medical Expenses for Fraud Detection

Aula C

Fen 08 - Innovation in Statistics and Official Statistics: Challenges and Opportunities

Organizer: Martin Bod'a, Maurizio Vichi

Chair and Discussant: Martin Bod'a

- ▷ Knizat P.
New Data Sources and Innovations in Official Statistics and Economics
- ▷ Kovacs M.



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Virtual Hungary: Extensive and geographically detailed statistical information system based on the integration of various microdata sets

▷ Mazziotta M.

Granularity and timeliness: the challenge of new territorial statistics

Aula 201

SIS Awards

Chair: Pier Francesco Perri

- ▷ Best PhD Thesis in: (1) Statistics; (2) Applied Statistics; (3) Demography (in memory of Valeria Solesin)
- ▷ Miranda Cuffaro Prize for the Best PhD Thesis in Economic Statistics
- ▷ First Prize for Young Scholars for Contributions to Statistical Disciplines, established by Alan Agresti
- ▷ First Prize for the Best Master's Thesis in Statistical Disciplines in Memory of Prof. Agostino Tarsitano

17:45 - 18:45 SIS Assembly and Prizes

Aula Gini

20:00 Social Dinner

Serra di Palazzo Esposizioni



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Thursday, June 25, 2026

08:00 - 18:15 REGISTRATION

Dipartimento di Scienze Statistiche Atrium

08:30 - 09:30 CONTRIBUTED SESSIONS

Aula Gini

Contr 36 - Fertility, Family Dynamics and Reproductive Choices

Chair: Alessandra De Rose

- ▷ Almagro-Azor J., Porcu M., Sulis I.
Early Pathways, Unequal Destinies
- ▷ Puglisi C.
Environmental uncertainty and childbearing intentions: insights from Italy
- ▷ Gallo A., Brini E., Giambona F., Vignoli D.
Homeownership and Transition to Parenthood in Italy
- ▷ Gardino M., Vignoli D.
Medical Assisted Reproduction and Couples' Well-Being
- ▷ Dall'Osto P., Brini E., Guetto R., Vignoli D.
The Geography of Childcare Preferences and Availability in Italy

Aula III

Contr 37 - Health, Mortality and Life-Course Inequalities

Chair: Giammarco Alderotti

- ▷ Valentini A., Paradisi F.
Demographic vitality index: a map of Italian municipalities
- ▷ Manduano V., Strozza C., Nigri A., Lanfiuti Baldi G.
Regional and national trends in life expectancy and lifespan inequality in Italy: 1974–2016
- ▷ Alderotti G., Vignoli D.
Relationships, Sexual Life and Mental Health among Italian Youths
- ▷ Golia S., Carrillo D., Farina P., Ortensi L., Ripamonti E.
Risk of Female Genital Cutting Among Migrant Girls: A Model-based Recursive Partitioning Approach
- ▷ Prete F., Trappolini E.
Social Network Dimensions and Health Changes in Older Europeans



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Aula 201

Contr 38 - Migration, Mobility and Population Change

Chair: Anna Paterno

- ▷ Campaniello L., Paterno A.
Brain waste in southern Europe: penalties on occupational prestige in Italy and Spain
- ▷ Feraldi A., Fortunato C., Nardelli V.
Investigating job characteristics in women employment-driven migration at regional-level in Tanzania
- ▷ Damiani U., Vignoli D.
Political Discourses on the Demographic Crisis in Italy: a Computational Text Analysis Approach
- ▷ Boaretto M., Barbiera I., Dalla Zuanna G.
Split Households and Translocal Mobility in Nguenyiel Refugee Camp, Ethiopia
- ▷ Bellotti E., Reynaud C., Cipriani M.
Understanding Rome's Demographic Trends Urban Heterogeneity in the Context of Italy's Population Decline

Aula C

Contr 39 - Bayesian Hierarchical and Latent Models

Chair: Cristina Mollica

- ▷ Montagna S., Ranciati S., Lamberti F.
A Bayesian framework for neuroimaging meta-analysis
- ▷ Racca R., Amongero M., Mastrantonio G., Mingione M.
Bayesian Inference for Nonhomogeneous Hidden Semi-Markov Models
- ▷ Murru V., Aliverti E.
Bayesian modeling of multivariate ordinal data via cumulative Constrained Latent Class Models
- ▷ Genesin L., Menardi G., Belacchi C.
Uncovering replicated latent structure in Factor Mixture Analysis through a multi-study perspectiveAdvances in Well



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Aula II

Contr 40 - Mixture Models and Clustering

Chair: Donatella Vicari

- ▷ Zanatta R., Menardi G.
A nonparametric latent block model
- ▷ D'Angelo L., Nipoti B., Rigon T.
A scale-only nonparametric mixture model for clustering covariance matrices: an application to olive oil chemical profiles
- ▷ Bee M., Santi F.
A skewed-t mixture for bimodal data
- ▷ Di Brisco A.
A Two-Component Dirichlet Mixture for Outlier Modeling in Compositional Data
- ▷ D'Andrea G., Vichi M.
Advances in Well-Structured Partition Method and its careful seeding

Aula 101

Contr 41 - Spatial and Point Process Models

Chair: Serena Arima

- ▷ Granata A., Abbruzzo A., Peruzzi M.
Joint Modeling of Biotic Interactions in Zero-Inflated Spatial Count Data
- ▷ Bilancia M., Cefalo L., Magro S., Pollice A.
Modelling latent discontinuities in spatial disease risk
- ▷ Benedetti R., Modugno L., Neri A., Salvati N.
Multiple Contiguity Matrices for Small Area Estimation under Cut-Off Sampling
- ▷ Tarantino M., D'Angelo N., Prisinzano L.
Poisson point process with functional covariates to analyse star-clusters data
- ▷ Lumia G., Abbruzzo A., Mineo A.
Dependence-Aware Bayesian Regression via Gaussian Copula Priors: An NBA Salary Application

Aula D

Contr 42 - Longitudinal, Time-Dependent and Dynamic Models

Chair: Maria Francesca Marino

- ▷ Corduas M., Di Iorio F., Piccolo D.
A time-varying CUB model for repeated measurements



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- ▷ Saiz M., Merlo L., Petrella L.
Analyzing multivariate longitudinal data with three-part mixed-effects quantile regression models
- ▷ Cao N., Verbeke G., Cagnone S., Finos L.
Joint modelling multivariate longitudinal and time-to-event data: An application to ROI dataset
- ▷ Carvisiglia L., Ranciati S., Signorelli M.
On the computation of prediction intervals for survival times in dynamic prediction problems
- ▷ Nigri A.
Modeling Cause-Specific Mortality in a Coherent framework

09:45 - 11:15 INVITED SESSIONS

Aula Gini

Sol 15 - Statistical and machine learning models for quality and performance evaluation

Organizer: Pasquale Sarnacchiaro

Chair: Maurizio Carpita

- ▷ Marini G., Di Mari R., Ingrassia S.
Higher Education, Higher Social and Emotional Skills? An Investigation of Tertiary Education Effect from Second Cycle PIAAC Data
- ▷ Di Ciaccio A.
Variable Importance and Model Explainability in Neural Networks: The Contribution of Generative Methods
- ▷ Ariante I., Cavicchia C.
Integrating External Information in Accounting-Based Early Warning Models
- ▷ Fusco D., Bianchino A., Coppola S., Agrillo S.
Improving microdata quality: an application of machine learning techniques

Aula II

Sol 16 - Advances in Bayesian time series models

Organizer: Luca Rossini

Chair: Giancarlo Manzi

- ▷ Iacopini M., O'Neill E., Rossini L.
AR-LD-BART: Autoregressive latent variable models with Bayesian Additive Regression Trees
- ▷ Peruzzi A., Casarin R., Iacopini M.
A Bayesian Dynamic Latent Space Model for Weighted Networks
- ▷ Pedini L., Celani A.



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Moderate Time-Varying Parameter VARs

- ▷ Valenti D., Gardini I., Manera M.
Fueling inflation: the role of critical minerals in the US economy

Aula III

Sol 17 - Input-Output tables, Satellite accounts and environmental accounting

Organizer: Vittorio Nicolardi

Chair: Vittorio Nicolardi

- ▷ Garau G., Rognini D.
Productivity Gains in European Value Chains: Generation, Transmission and Distribution
- ▷ Marini C.
Environmental Footprint of Household Consumption in Italy: A Supply-Use Table approach of assessment
- ▷ Antolini F., Lecca P.
Beyond Static Multipliers: A SAM-to-CGE Framework to Capture Substitution Effects and Long-Run Dynamics in Italian Tourism
- ▷ Moauro F., Cicconi C.
Demystifying the balancing of quarterly accounts: insights from the recent Italian experiments

Aula D

Fen 09 - Advanced Statistical Methodologies for Social Sciences

Organizer: Elena Grimaccia

Chair: Elena Grimaccia

- ▷ Chambers R., Salvati N.
Avoiding the MAUP in SAE Via M-Quantile Regression
- ▷ Grimaccia E.
Artificial Intelligence and Inequalities: Risks and Opportunities for Social Statistics
- ▷ Shelton N., Mastrosavvas A., Duke-Williams O., Team C.
Analytical opportunities offered by the ONS Longitudinal Study, 1971-2021
- ▷ Ciccaglioni C., Quondamstefano V., Solari F.
A Constrained Mechanism for Adjusting Misclassified Proxy Variables

Aula C

Fen 10 - Recent Advances on Functional Data Analysis and Applications

Organizers: Ana María Aguilera, Siegfried Hörmann



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Chair: Francesca Fortuna

- ▷ Ortiz H., Acal C., Fortuna F., Naccarato A., Aguilera del Pino A.
Functional Clustering via Independent Components
- ▷ Jammoul F.
Failure Prediction Models in Steel Production: A Comparative Analysis
- ▷ Palummo A., Arnone E., Clementi L., Panzica F., Sangalli L.
New tools for exploratory functional data analysis of neuroimaging data
- ▷ Van Bever G., Li B., Sabolova R., Critchley F., Oja H.
Functional Independent Component Analysis

Aula 201

Pearson SESSION

Piero Pappalettere, Giordano Vecchi

Dal testo al dialogo: come la GenAI trasforma il libro in uno strumento di apprendimento attivo

11:15 - 11:45 Coffee break

Terrazza del Rettorato

11:45 - 12:45 PLENARY SESSION

Aula Magna (Rettorato)

- ▷ **Plen 04** - Maria Giovanna Ranalli (University of Perugia, Italy)
Valid inference from new data sources: what can we learn from the experience of handling complex sampling designs?

Chair: Lola Ugarte

12:45 - 14:15 Light lunch break

Terrazzo del Rettorato

14:15 - 15:45 INVITED SESSIONS

Aula Gini

Spec 13 - Advances in cluster-weighted models

Organizer: Chiara Masci

Discussant: Gabriele Soffritti

Chair: Chiara Masci

- ▷ Doherty U., Cappozzo A., McNicholas P., White A.
A distributional-dissimilarity framework for iterative outlier identification and characterization in Linear Cluster-Weighted Models
- ▷ Spinelli D., Ingrassia S., Vittadini G.



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- Mixtures of stochastic frontiers with random covariates
- ▷ Tomarchio S.D.
Matrix-Variate Cluster-Weighted Models: A Bilinear Factor Approach

Aula D

Spec 14 - Advances in Extreme Value Modeling

Organizer and Chair: Ilaria Prosdocimi

Discussant: Luca Trapin

- ▷ Siviero E., Allard D., Gaetan C.
Extending Distribution-Based Pooling to Capture Tail Extremes in Climate Ensembles
- ▷ Hambuckers J., Hübner P.
Score-driven density forecasts of high-frequency extreme price movements: the role of liquidity
- ▷ Padoan S., Carl D., Rizzelli S.
Accurate Bayesian inference for tail risk extrapolation in time series

Aula 201

Spec 15 - Harnessing Emerging Data for Survey Statistics

Organizer and Chair: Gaia Bertarelli

Discussant: Maria Giovanna Ranalli

- ▷ Bianchi A., Biffignandi S., Salvatore C.
Roles of Digital Trace Data in Survey Research
- ▷ D'Orazio M., Tuoto T.
Inference with Aggregated Mobile Network Operator Data via Quasi-Randomization Approach: some results
- ▷ De Waal T., Van de Merbel A., Sojka B., Scholtus S., Van Delden A.
Two Topics in Statistical Matching

Aula II

Spec 16 - Electoral Data Science

Organizer and Chair: Livia De Giovanni

Discussant: Venera Tomaselli

- ▷ Forcina A.
Recent developments in Ecological Inference in studies of voting behaviour
- ▷ Vitale V.
A Spatial Fuzzy C-Means Based on Tsallis q-Divergence: an application to 2022 Italian Municipal Electoral Data



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- ▷ De Sio, L.
The MEDem Research Infrastructure: concept-aware data linkage and harmonization to support the analysis of electoral democracy

Aula C

Fen 11 - Statistical Literacy and Communication

Organizers: Tomáš Hlavsa, Ana Slavec, Lisete Sousa

Chair: Ana Slavec

- ▷ Campos P.
Official Statistics, AI, and Computational Thinking in Statistical Education
- ▷ Collesi P.
What's the Best Approach to Statistical Literacy—Deep Dives or Broad Basics?
- ▷ Hlavsa T., Pacáková Z.
Statistical Literacy for Non-Statisticians: Teaching Experience from an Economics Faculty
- ▷ Zalokar A., Lusa L.
Statistical games: activities to promote statistical literacy in early childhood

Aula III

Fen 12 - Biostatistics, Health Data Science and AI

Organizers: Carl-Fredrik Burman, Andreas Futschik, Lisete Sousa, Michel Vaillant

Chair: Andreas Futschik

- ▷ Hobolth A., Pelizzola M.
Representation learning in genomics and medical statistics
- ▷ Rauschenberger A.
Sparse modelling with grouped and correlated features allowing for privileged information
- ▷ Sepúlveda N., White M.
A brief overview of parametric approaches to antibody data analysis
- ▷ Tubikanec I.
Network inference via approximate Bayesian computation: Illustration on a stochastic multi-population neural mass model for EEG data

16:00 - 17:00 CONTRIBUTED SESSIONS

Aula Gini

Contr 43 - Regression, Variable Selection and Post-Selection Inference

Chair: Livio Finos

- ▷ Della Penna P., Finos L., Risso D., Corbetta D.
Conditional Resampling Inference via Lasso Selection



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- ▷ Andreella, A., Vesely, A.
Post-Selection Inference for Multiverse Analysis in Mixed-Effects Models (PIMAX)
- ▷ Bacci S., Grilli L., Rampichini C.
Selecting predictors in multilevel models using knockoffs

Aula III

Contr 44 - Ordinal, Compositional and Constrained Data Models

Chair: Alfonso Russo

- ▷ Corsini N., Fop M.
Modelling social influence on binary outcomes via latent space model
- ▷ Ricciotti L., Giordano S.
Modelling time-dependent compositional data
- ▷ D'Ambrosio A., van de Velden M., Cavicchia C.
A Framework for Response-Style Variation in Ordinal Questionnaires
- ▷ Piras N., Cappelletti-Montano B., Musio M.
Regression for Ordinal Data on the Simplex
- ▷ Galbiati A., Ascari R.
Zero- and/or one-augmented flexible beta regression with EM-based estimation

Aula 201

Contr 45 - Structural Equation and Multivariate Modeling

Chair: Pasquale Sarnacchiaro

- ▷ Bottazzi Schenone M., Vichi M.
A flexible methodology for model validation in Structural Equation Modeling
- ▷ Ariante I., Sarnacchiaro P.
A Hierarchical Model-Based Composite Indicator for the Measurement of Perceived Social Cohesion
- ▷ Ascari R., Giampino A., Nava C.
Latent Dirichlet Allocation to Study Territorial Identity via in-depth Interviews
- ▷ Palomba M., Bisaglia L.
Asymptotic Validity of Bootstrap Combinations for Long-Memory Time Series
- ▷ Dallari S., Anderlucci L., Montanari A.
Mixtures of Regularized High-Dimensional Poisson-Lognormal Distributions

Aula C

Contr 46 - Resampling, Event Studies and Financial Models

Chair: Antonio Lepore

- ▷ Bocci, L., Vitale, V.
A Fuzzy Cluster-wise Gravity Regression to deal with Asymmetric Flows



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- ▷ Mori L., Tizianel E.
From Variability to Confidence: Exploring Bootstrap Confidence Interval Methods in Unit-Level Small Area Models
- ▷ Toma, P.
Permutation-Based inference for high-frequency and multi-asset event studies
- ▷ Cavicchioli M., Cheng J.
Statistical Properties and Financial Applications of Selected Classes of Markov-Switching GARCH-Type Models
- ▷ Capezza C., Lepore A., Paynabar K.
Active Learning for Process Monitoring under Labeling Budget Constraints

Aula II

Contr 47 - Clustering and Partition Structures

Chair: Maria Brigida Ferraro

- ▷ Mozzetta I., Vichi M.
A new methodology for validation and improvement of partitions via hierarchical clustering
- ▷ Simonacci V., Tortora C., Palumbo F., Gallo M.
Adaptive Probabilistic Distance Clustering on the Simplex
- ▷ Leone B., Argiento R., Andrea C., Paci L.
Enriched Mixture Modeling for Categorical Data Using Hamming Distance
- ▷ D'Angelo N., Romano E., Payares D., Mateu J.
Functional Medians and Point Process Depths for Clustering Spike Trains
- ▷ Di Nuzzo C., Vicari, D.
Hierarchical Clustering via Spectral Approach

Aula 101

Contr 48 - Mixture Models and Bayesian Nonparametrics

Chair: Nina Deliu

- ▷ Di Mari R., Lyrvall J., Kuha J.
Combined Bayesian-frequentist two-step multilevel latent class analysis with covariates
- ▷ Ongarato, A.
Conditional predictive distribution of Shared Atoms Nested priors
- ▷ Agnoletto D., Rigon T.
Metropolis-adjusted Dirichlet sequences with uniform base kernel
- ▷ Fabretti, A., Leorato, S.
Mixture of Sequential Quantile Array Random Probability Measures for Nonparametric Bayesian Density Estimation
- ▷ Carpanese L., De Santis F., Mariani F., Gubbiotti S.
Self-adapting mixture posteriors with Hellinger distance



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Aula D

Contr 49 - Asymptotic Theory and Optimality

Chair: Caterina Conigliani

- ▷ De Santis F., Gubbiotti S., Iannucci G.
Bayes factors as uniformly most powerful tests
- ▷ González-Vázquez H., Pateiro-López B., Rodríguez-Casal A.
A New Minimax Optimal Estimator for Manifolds
- ▷ Francisci G.
Asymptotic properties of non-parametric multivariate dispersion
- ▷ Antoniano Villalobos I., Collarin C., Huet N., Prosdocimi I.
Do parameterisations matter?
- ▷ Cavazzuti M., Arnone E., Nagy S., Sangalli L.
Second-order integrated depth for the analysis of lake surface water temperatures

17:15 - 18:15 CONTRIBUTED SESSIONS

Aula Gini

Contr 50 - Advances in Time Series

Chair: Silvia D'Angelo

- ▷ Manente C., Alfò M., D'Angelo S.
Modeling Healthcare Mobility in Italy: a Dynamic Latent Space Network Approach
- ▷ Filippone M., Gnaldi M., Del Sarto S.
Assessing Systemic Effects of Regulatory Reform on Corruption Risk Indicators: A Multilevel Interrupted Time Series Analysis of Italian Public Procurement
- ▷ Segura E., Perri P.
SARIMA vs Deep Learning Hybrid Models for Italian Unemployment Forecasting
- ▷ Famà A., Pagnottoni P., Spelta A.
What the Fed Says Matters: FinBERT Embeddings as Predictors in Bayesian VARs
- ▷ Scagliarini M.
Detecting Structural Changes in Regional Drought Characteristics via Non-Parametric Control Charts

Aula III

Contr 51 - Hypothesis Testing and Resampling Methods

Chair: Fabio Crescenzi

- ▷ Franco Pereira A., Nakas C., Reiser B., Pardo M.



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Inference on the difference between two overlap coefficients

- ▷ Barzizza E., Ceccato R., Villanova S.
Permutation-Based NPC Methods for Isotonic Inference on Multivariate Coefficients of Variation
- ▷ Vesely A.
Replicability Analysis: Partial Conjunction Testing and Closed Testing Approaches
- ▷ De Capitani L., Fattore M., Avellone A.
Some location and dispersion measures for frequency distributions over posets
- ▷ Ceccato R., Arboretti R., Fanesi A.
Stratified Permutation-Based Multivariate Independence Test: a case study

Aula 201

Contr 52 - Functional, Spatial and Point Process Theory

Chair: Marco Mingione

- ▷ Alaimo Di Loro, P., Mingione M., Mateu J.
Anisotropic Estimation of the Pair-Correlation Function via Conditional Intensity Function
- ▷ Cerqueti R., Ferraro G., Mattera R., Storani S.
Resilience of multilayer networks through community detection
- ▷ Passamonti C., Di Marzio M., Fensore S., Panzera A.
Improving kernel density estimation near the boundary
- ▷ Meyn-Grünhagen L., Iafrate F., Lederer J.
Structure Learning of Extremal Graphical Models with Profile Random Vectors
- ▷ Lo Galbo G.
Testing separability in spatio-temporal functional marked point processes

Aula C

Contr 53 - Latent, Dynamic and Dimension-Reduction Models

Chair: Maria Felice Arezzo

- ▷ Doretto M., Montanari G.
A Truncated Betoid model to account for intra-departmental correlation in the ANVUR 2022 ranking exercise
- ▷ Iannaccio T., Vichi M.
Beyond Kaiser's Rule: A Hierarchical Disjoint PCA Approach to Digitalization and Growth
- ▷ Demaria F., Cavicchioli M., Nigri A.
Estimation methods and empirics of hidden Markov switching models with skew-normal innovations
- ▷ Merlo L., Salvati N., Fabrizi E., Frumento P., Valentini F., Petrella L.
uqpe: an R package for estimating unconditional quantile partial effects



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- ▷ Hambuckers J., Ricci M., Trapin L.
Extreme Realized Risk Measures

Aula II

Contr 54 - Explainability and Statistical Practice

Chair: Francesco Mariani

- ▷ Raffinetti E., Giudici P., Ghidini V.
A Dual View into the Black Box: Pre-hoc and Post-hoc Explainability with Xi-Lorenz
- ▷ Cafieri S., Acampora C., Borrata G., Leporanco V.
SmartSurveyAgent: A Conversational AI-Based Methodological Framework for Survey Data Collection
- ▷ Alfonzetti G., Attanasio M., Grassetti L., Rizzi L.
A crossed random effects model for attractiveness and retention of Northern Italian universities
- ▷ Frieri R., Novelli M., Mariani F.
Designing Experiments via a Model-Free Approach
- ▷ Bumbea A., Mazzitelli A., Pugliese E.
The Impact of Smart Specialisation Strategies on Steering Innovation: A Technology-Level Causal Evaluation of EU S3 Policy

Aula 101

Contr 55 - Clinical Trials Design and Survival Methods

Chair: Fulvio De Santis

- ▷ Battaglia S., Attanasio M., Muggeo V.
Addressing covariate-specific non-proportional effects in the Cox model: a piecewise approach for interpretable time-varying hazards
- ▷ Bugarini R., Sambucini V.
Bayesian monitoring of clinical trials via a Dirichlet-based bivariate beta model
- ▷ Chalikias, M.
Crossover Designs of six periods
- ▷ Melnykov Y., Li J.
transDA: an R Package for Transformation Discriminant Analysis



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Aula D

Contr 56 - Genomics, Biomarkers and Network Models

Chair: Ilaria Prosdocimi

- ▷ Girardi P., Esposito M., Di Pascoli M.
Weighted Quantile Sum Regression for Cox Proportional Hazards Model
- ▷ Mecchi M., Di Crescenzo A., Iuliano A.
A Gene-wise Jensen-Shannon Divergence Framework for Prognostic Biomarker Discovery
- ▷ Cugnata F., Freuli F., Pierantozzi L., Lanzani C., Di Serio C.
Bayesian Networks for Mixed Data with Survival Nodes
- ▷ Dalena, P., Barbati, G., D'Adamo, P.
Evaluating the role of hypomorphic variants in cholestasis via network analysis techniques
- ▷ Mapelli A., Fontana N., Di Angelantonio E., Ieva F.
Multiple approaches to estimate disease relationship graphs from longitudinal EHR

18:15 Closing Ceremony

Aula Gini

Conference Rooms and Venues

- ★ Aula Magna (Rettorato, building CU001, first floor)
- ★ Aula 101 (Facoltà di Giurisprudenza, building CU002, first floor)
- ★ Aula Gini (Scienze Statistiche, building CU002, ground floor)
- ★ Aula II (Scienze Statistiche, building CU002, ground floor)
- ★ Aula III (Scienze Statistiche, building CU002, third floor)
- ★ Aula 201 (Scienze Politiche, building CU002, second floor)
- ★ Aula C (Scienze Politiche, building CU002, ground floor)
- ★ Aula D (Scienze Politiche, building CU002, ground floor)
- ★ Museo dell'Arte Classica (Polo Museale, behind building CU003, ground floor)
- ★ Terrazza del Rettorato (Rettorato, building CU001, first floor)



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