

**UNIVERSITÀ DEGLI STUDI DI MILANO**

**selezione pubblica per n. 1 posto/i di Ricercatore a tempo determinato in tenure track (RTT)**

**per il gruppo scientifico-disciplinare \_\_\_\_\_13/STAT-01-Statistica\_\_\_\_\_ ,**

**settore scientifico-disciplinare \_\_\_\_\_STAT-01/A\_\_\_\_\_**

**presso il Dipartimento di \_\_\_\_\_ECONOMIA, MANAGEMENT E METODI QUANTITATIVI\_\_\_\_\_ ,**

**(avviso bando pubblicato sulla G.U. n. 9 del 31-01-2025 ) Codice concorso 5686\_\_\_\_\_**

## **Marco Mingione**

### **CURRICULUM VITAE**

**(N.B. IL CURRICULUM NON DEVE ECCEDERE LE 30 PAGINE E DEVE CONTENERE GLI ELEMENTI CHE IL CANDIDATO RITIENE UTILI AI FINI DELLA VALUTAZIONE.**

#### **INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)**

<b>COGNOME</b>	<b>MINGIONE</b>
<b>NOME</b>	<b>MARCO</b>

#### **TITOLI**

##### **TITOLO DI STUDIO**

*(indicare la Laurea conseguita inserendo tipologia e relativo punteggio, Ateneo, titolo della tesi, data di conseguimento, ecc.)*

- 1. Master's degree in Statistics and Decision Sciences (24/10/2017)**  
Department of Statistical Sciences, Sapienza University of Rome  
Thesis: Measuring and modeling food losses and waste  
Supervisor: Prof. Giovanna Jona Lasinio  
Grade: 110/110 cum laude
- 2. European Master in Official Statistics (EMOS) (24/10/2017)**  
Department of Statistical Sciences, Sapienza University of Rome  
Label awarded by the European Statistical System Committee within the Master's degree
- 3. Bachelor's degree in Statistics for Management (21/07/2015)**  
Department of Statistical Sciences, Sapienza University of Rome  
Thesis: Quantitative analysis of the music therapy effects on children with Personal Developmental Disorders  
Supervisor: Prof. Maria Grazia Pittau  
Grade: 110/110 cum laude

**TITOLO DI DOTTORE DI RICERCA O EQUIVALENTI, OVVERO, PER I SETTORI INTERESSATI, DEL DIPLOMA DI SPECIALIZZAZIONE MEDICA O EQUIVALENTE, CONSEGUITO IN ITALIA O ALL'ESTERO**  
(inserire tipologia del titolo e relativo punteggio, Ateneo, titolo della tesi, data di conseguimento, ecc.)

**Ph.D. in Methodological Statistics (22/02/2022)**

Scuola di Scienze Statistiche

Department of Statistical Sciences, Sapienza University of Rome

Thesis: On the wide applicability of Bayesian hierarchical models

Supervisor: Prof. Giovanna Jona Lasinio

**CONTRATTI DI RICERCA, ASSEGNI DI RICERCA O EQUIVALENTI**

(per ciascun contratto stipulato, inserire tipologia, università/ente, durata in anni / data di inizio e fine, ecc.)

**1. Junior Assistant Professor (RTD-A) (2022–2025)**

Department of Political Sciences, Roma Tre University

**2. Research Associate (2023)**

Institute of Applied Computing "M. Picone" (CNR), Rome (Italy)

**3. Research Fellow (2021–2022)**

Department of Statistical Sciences, Sapienza University of Rome

Project: Record linkage of multiple data sources through a weighted least squares estimation model

Supervisor: Prof. Maurizio Vichi

**4. Research Associate (2019–2020)**

Institute of Applied Computing "M. Picone" (CNR), Rome (Italy)

**Research Fellow (2018)**

Institute of Applied Computing "M. Picone" (CNR), Rome (Italy)

Supervisor: Dr. Massimo Bernaschi

## ATTIVITÀ DIDATTICA A LIVELLO UNIVERSITARIO IN ITALIA O ALL'ESTERO

(inserire tipologia dell'attività, periodo [gg/mm/aa inizio e fine], anno accademico, ateneo, denominazione del corso, numero ore/CFU, ecc.)

### **LECTURER**

**1. Tidyverse: an R package for Data Science** (February 2024)

Department of Human and Social Sciences, University of Salento

Course for the XXXVIII Ph.D. program in Human and Social Sciences (11 hours, 3 CFU).

**2. Statistica** (2023 – ongoing)

Department of Political Sciences, Roma Tre University

Course for the Bachelor's programs (54 hours, 9 CFU) in L-36 and L-37 for the 2023/2024 and 2024/2025 academic years.

**3. Advanced Data Analysis** (2022 – 2024)

Department of Statistical Sciences, Sapienza University of Rome

Course for the Ph.D. programs in Environmental Biology and Statistics (English, 24 hours) for the 2021/2022, 2022/2023, and 2023/2024 academic years.

**4. Data Analysis for Social Sciences** (2022 – 2024)

Department of Business and Management, LUISS "Guido Carli"

English course for a Master's program (48 hours, 6 CFU) in LM-77 for the 2021/2022, 2022/2023, and 2023/2024 academic years.

**5. Statistical Learning and Predictive Challenges** (2021)

Department of Statistical Sciences, Sapienza University of Rome

Course for Bachelor's students within the "Percorso di Eccellenza" program for the 2021/2022 academic year (6 hours, 1 CFU).

**6. Introduction to Data Science** (2021 – ongoing)

Department of Economics and Finance, University of Bari "A. Moro"

Multidisciplinary extra-curricular course introducing machine learning statistical methods (16 hours, 2 CFU) for the 2021/2022, 2022/2023, 2023/2024, and 2024/2025 academic years.

### **TEACHING ASSISTANT**

**1. Statistica Multivariata** (2022)

Department of Statistical Sciences, Sapienza University of Rome

Course for the Bachelor's program in L-41.

**2. Advanced Statistics** (2021 – 2022)

Department of Economics and Finance, LUISS "Guido Carli"

Course for the Master's program in LM-91 (English).

**3. Statistica** (2020)

Universitas Mercatorum

Course for the Master's program in L-36.

## SUPERVISIONE O COSUPERVISIONE DI ELABORATI DI TESI TRIENNALI E/O MAGISTRALI

### Supervisor

#### 1. **Tweets and Covid-19: evidence from Italy**

Department of Business and Management, LUISS "Guido Carli"

Master's Degree thesis in Global Management and Politics.

### Co-supervisor

#### 1. **Follow-up on fertile ground for conflict: an expanded analysis of soil productivity and civil strife in Sub-Saharan Africa (1997–2023)**

Department of Political Sciences, Roma Tre University

Master's Degree thesis in Politiche per la Sicurezza Globale, Ambiente, Energia e Conflitti.

#### 2. **Gli eventi climatici avversi in Europa dal 1981 al 2022: uno studio osservazionale**

Department of Political Sciences, Roma Tre University

Master's Degree thesis in Scienze Politiche per la Società Digitale.

#### 3. **The change of supply chain location factors from cost-based to security-based**

Department of Business and Management, LUISS "Guido Carli"

Master's Degree thesis in Global Management and Politics.

#### 4. **Time series analysis of the Italian Government Bonds Interest Rates: statistical perspectives for the Ministry of Economy and Finance**

Department of Statistical Sciences, Sapienza University of Rome

Master's Degree thesis in Statistical Methods and Applications.

## DOCUMENTATA ATTIVITÀ DI FORMAZIONE O DI RICERCA PRESSO QUALIFICATI ISTITUTI ITALIANI O STRANIERI

*(inserire tipologia dell'attività, anno/anno accademico, ente, periodo, impegno in termini orari, ecc.)*

#### 1. **Visiting Professor** (May–June 2025)

Department of Mathematics, Universitat Jaume I, Castellón (Spain)

#### 2. **Visiting Researcher** (October 2024)

Department of Mathematics, NTNU, Trondheim (Norway)

#### 3. **Visiting Researcher** (March 2023)

School of Mathematics and Statistics, University of Glasgow, Glasgow (Scotland)

#### 4. **Visiting Graduate Researcher** (Sep 2019 – Mar 2020)

Fielding School of Public Health, UCLA, Los Angeles (California)

Project: Developing extensions to Nearest Neighbor Gaussian Processes models

Supervisor: Prof. Sudipto Banerjee

## REALIZZAZIONE DI ATTIVITÀ PROGETTUALE

(indicare descrizione dell'attività, durata, eventuale ente a favore del quale è stata realizzata l'attività, ecc.)

**1. NeuroARTifact – Seeing with your mind (2022 – 2023)**

Data analysis for the quantification of the cognitive impact of archaeological artifacts (empirical and digitally reconstructed) at different scales and through various technologies.

**2. European Covid-19 Forecast Hub (2021 – 2022)**

Forecasts of Covid-19 cases and deaths across Europe, coordinated by the ECDC.

**3. Statgroup-19 for the Monitoring of the COVID-19 Epidemic in Italy (2020 – 2023)**

Statistical communication of epidemic data. Invited guest on National TV (SkyTG24).

**4. 1st Summer School: Introduction to Bayesian Data Analysis with Stan (September 2018)**

University of Pavia

**5. Applied Bayesian Statistics School 2018**

Statistical Modelling and Analysis in Sport, IMATI-CNR

**6. Introduction to Complex Systems (July 2017)**

Utrecht Summer School, Utrecht (Netherlands)

**7. European Statistical Week (October 2016)**

Eurostat, Luxembourg City (Luxembourg)

## ORGANIZZAZIONE, DIREZIONE E COORDINAMENTO DI CENTRI O GRUPPI DI RICERCA NAZIONALI E INTERNAZIONALI O PARTECIPAZIONE AGLI STESSI

(per ciascuna voce inserire tipologia di progetto, titolo del progetto, anno, durata, eventuale ente finanziatore e importo del finanziamento, ruolo, gruppo di ricerca, ecc.)

### HEAD OF RESEARCH

**1. Full one-year fellowship (2021)**

Sapienza University of Rome

Title: Record linkage of multiple data sources through a weighted least squares estimation model

**2. Initial Research Project grant (2019)**

Sapienza University of Rome

Title: Hierarchical Bayesian Modeling of High-Dimensional Georeferenced Data

**3. Full three-year Ph.D. scholarship (2018)**

Sapienza University of Rome

Title: Bayesian hierarchical modeling for complex phenomena

**4. Full one-year fellowship (2018)**

Institute of Applied Computing "M. Picone" (IAC)

Title: Measuring and modelling food losses and waste

## **RESEARCH COLLABORATOR**

### **1. PRIN 2023**

Ministero dell'Università e della Ricerca

Title: Statistical Modelling and Inference to Live the Environment (SMILE)

### **2. Progetti Medi di Ateneo 2022**

Sapienza University of Rome

Title: Eco-routing decisions based on multiple objectives and limited memory

### **3. FISR 2021**

Ministero dell'Università e della Ricerca

Title: Statistical Modelling and Inference to Govern the Epidemic (SMIGE)

### **4. Progetti Medi di Ateneo 2020**

Sapienza University of Rome

Title: Joint Cetacean Database and Mapping (JCDM) in Italian waters: a tool for knowledge and conservation

## **ATTIVITÀ DI RELATORE A CONGRESSI E CONVEGNI NAZIONALI E INTERNAZIONALI**

*(inserire titolo congresso/convegno, data, durata in giorni/ore, ente organizzatore, ecc.)*

### **Invited Talks**

#### **1. 2024: 18th International CFE-CMStatistics, King's College London**

"An axial regression model to detect vegetation growth patterns".

#### **2. 2024: ISBA Satellite Workshop, Università della Svizzera Italiana**

"Temporal Nearest Neighbor Gaussian Process (tNNGP) with flexible covariance for modelling physical activity".

#### **3. 2024: SIS 2024, Università degli Studi di Bari**

"Temporal Nearest Neighbor Gaussian Process (tNNGP) with flexible covariance for modelling physical activity".

#### **4. 2023: ICSDS, Universidade de Lisboa**

"Segmenting toroidal time-series via nonhomogeneous Hidden Semi-Markov models".

#### **5. 2023: StaTalk 2023, Sapienza University of Rome**

"Segmenting toroidal time-series via nonhomogeneous Hidden Semi-Markov models".

### **Invited Seminars**

#### **1. 2024: "Does wind shape vegetation stripes?"**

Sapienza University of Rome.

**2. 2024: "Does wind shape vegetation stripes?"**

NTNU Trondheim (Norway).

**3. 2022: "A short introduction to supercomputing with R"**

Workshop at Sapienza University of Rome.

**4. 2022: "Exploiting parallel computing with R using TeraStat2"**

Ph.D. program at Sapienza University of Rome.

**Contributed Talks**

**1. 2024: METMA XI, Lancaster University –**

"Semi-parametric spatio-temporal Hawkes process for modelling road accidents in Rome".

**2. 2024: BAYSM 2024, Università Ca' Foscari Venezia**

"Finite mixtures in capture-recapture surveys for modelling residency patterns in marine wildlife populations".

**3. 2023: WSC 2023, Ottawa, Canada**

"A useful parametric specification to model epidemiological data".

**ORGANIZZATORE DI CONGRESSI E CONVEGNI NAZIONALI E INTERNAZIONALI**

**Scientific Committees**

- 2025: SIS 2025, Università di Genova.
- 2025: GRASPA 2025, Roma Tre University.
- 2024: StaTalk 2024, University of Florence.

**Organizing Committees**

- 2025: Statistics Under the Stars (SUS8), Università di Genova.
- 2024: Statistics Under the Stars (SUS7), University of Salento.

**Local Committees**

- 2023: StaTalk 2023, Sapienza University of Rome.
- 2022: PopDays 2023, Italian Association for Population Studies (Sis-Aisp).

**Conference Sessions**

- 2023: Discussant – "Spatial and Spatio-temporal Modeling: Theory and Applications", SIS2023.
- 2024: Organizer – "Young SIS", SDS2024.
- 2024: Chair – "Statistical modelling for the environment", StaTalk2024.

## **RUOLI ISTITUZIONALI, AFFILIAZIONI, COMITATI EDITORIALI E ALTRE INFORMAZIONI PERSONALI**

### **RUOLI ISTITUZIONALI**

**1. Orientamento Next Generation EU** (2022 – ongoing)

Roma Tre University

Active guidance in school-university transition.

**2. Member of Giunta del Centro Linguistico di Ateneo (CLA)** (2025)

Roma Tre University

**3. Member of Gruppo di Riesame Ciclico** (2024 – ongoing)

Department of Political Sciences, Roma Tre University

**4. Member of Gruppo di Riesame** (2024 – ongoing)

Department of Political Sciences, Roma Tre University

**5. Delegato del Direttore alla Terza Missione** (2024 – ongoing)

Department of Political Sciences, Roma Tre University

### **AFFILIAZIONI**

Società Italiana di Statistica (SIS), Young SIS (y-SIS), The International Environmetrics Society (TIES), GRASPA, International Statistical Institute (ISI)

#### **Board Roles:**

1. Coordinator of Young SIS (y-SIS) for 2025.

2. Member of Young SIS (y-SIS) for 2024 and 2025

### **COMITATI EDITORIALI E ATTIVITA' DI REFERAGGIO**

#### **Journal Referee**

Journal of Statistical Computation and Simulation (JSCS), Metron (Tron), Biometrical Journal (BiomJ), Statistical Methods & Applications (SMAp), Journal of Mathematics in Industry (JMII), Journal of Uncertainty Quantification (JUQ), Environmental and Ecological Statistics (EEST), Statistics & Probability Letters (STAPRO), Journal of the Royal Statistical Society Series C (JRSS-C)

#### **Editorial Boards**

1. Associate Editor: Biometrical Journal (Wiley). ISSN: 1521-4036

2. Guest Editor: High-quality and Timely Statistics -- New Methods and Applications (Springer)  
ISBN: 978-3-031-63629-5

### **INFORMAZIONI PERSONALI**

**ASN: Qualification to Associate Professor** for the GSD 13/STAT-01 (13/D1) – Statistics

Valid from 24/06/2024 to 24/06/2035.

#### **Programming Skills**

R, RStudio, Shiny, Rmarkdown, LaTeX, Overleaf, C++, SQL, Postgres, HTML, PowerBI, Github, Slack.

#### **Languages**

Italian: Mother tongue; English: TOEFL – 98/120; Spanish: DELE – B1

**Metrics (accessed on 27/01/2025)**

Total Citations: Scholar: 298; Scopus: 140

H-index: Scholar: 9; Scopus: 7

**CONSEGUIMENTO DI PREMI E RICONOSCIMENTI NAZIONALI E INTERNAZIONALI PER ATTIVITÀ DI RICERCA**

*(inserire nome e motivazione del premio, data, ente erogatore, ecc.)*

**1. Mitchell Prize – Honorable Mention (2024)**

ISBA 2024

Awarded publication: Pierfrancesco Alaimo Di Loro, Marco Mingione, Jonah Lipsitt, Christina M. Batteate, Michael Jerrett, and Sudipto Banerjee. Bayesian hierarchical modeling and analysis for actigraph data from wearable devices. *The Annals of Applied Statistics*, 17(4):2865–2886, 2023.

**2. 1st Position at "Stats Under the Stars (SUS) 3" (2017)**

University of Florence

Best prediction award at the 3rd edition of SUS, a competition organized by the Italian Statistical Society.

**TITOLI DI CUI ALL'ARTICOLO 24 COMMA 3 LETTERA A) E B) DELLA LEGGE 30 DICEMBRE 2010, N. 240**

*(indicare se contratto di tipologia A o B, Ateneo, data di decorrenza e fine contratto/periodo/durata in anni, ecc.)*

**PRODUZIONE SCIENTIFICA****PUBBLICAZIONI SCIENTIFICHE**

*(per ciascuna pubblicazione indicare: nomi degli autori, titolo completo, casa editrice, data e luogo di pubblicazione, codice ISBN, ISSN, DOI o altro equivalente)*

1. Lagona, F., & Mingione, M. (2024). **Nonhomogeneous hidden semi-Markov models for toroidal data**. *Journal of the Royal Statistical Society Series C: Applied Statistics*, qlae049. DOI: 10.1093/jrssc/qlae049
2. Mingione, M., Alaimo Di Loro, P., & Maruotti, A. (2024). **A useful parametric specification to model epidemiological data: Revival of the Richards' curve**. *Statistical Methods in Medical Research*, 33(8), 1473-1494. DOI: 10.1177/09622802241262522
3. Alaimo Di Loro, P., Mingione, M., & Fantozzi, P. (2024). **Semi-parametric Spatio-Temporal Hawkes Process for Modelling Road Accidents in Rome**. *Journal of Agricultural, Biological and Environmental Statistics*, 1-31. DOI: 10.1007/s13253-024-00615-z

4. Caruso, G., Alaimo Di Loro, P., Mingione, M., Tardella, L., Pace, D. S., & Jona Lasinio, G. (2024). **Finite mixtures in capture-recapture surveys for modeling residency patterns in marine wildlife populations.** *Biometrical Journal*, 66(1), 2200350. DOI: 10.1002/bimj.202200350
5. Mingione, M., Branda, F., Maruotti, A., Ciccozzi, M., & Mazzoli, S. (2023). **Monitoring the West Nile virus outbreaks in Italy using open access data.** *Scientific Data*, 10(1), 777. DOI: 10.1038/s41597-023-02676-0
6. Alaimo Di Loro, P., Mingione, M., Lipsitt, J., Batteate, C. M., Jerrett, M., & Banerjee, S. (2023). **Bayesian hierarchical modeling and analysis for actigraph data from wearable devices.** *The annals of applied statistics*, 17(4), 2865. DOI: 10.1214/23-aos1742
7. Jona Lasinio, G., Divino, F., Lovison, G., Mingione, M., Alaimo Di Loro, P., Farcomeni, A., & Maruotti, A. (2022). **Two years of COVID-19 pandemic: The Italian experience of Statgroup-19.** *Environmetrics*, 33(8), e2768. DOI: 10.1002/env.2768
8. Mingione, M., Alaimo Di Loro, P., Farcomeni, A., Divino, F., Lovison, G., Maruotti, A., & Jona Lasinio, G. (2022). **Spatio-temporal modelling of COVID-19 incident cases using Richards' curve: An application to the Italian regions.** *Spatial Statistics*, 49, 100544. DOI: 10.1016/j.spasta.2021.100544
9. Alaimo Di Loro, P., Divino, F., Farcomeni, A., Jona Lasinio, G., Lovison, G., Maruotti, A., & Mingione, M. (2021). **Nowcasting COVID-19 incidence indicators during the Italian first outbreak.** *Statistics in Medicine*, 40(16), 3843-3864. DOI: 10.1002/sim.9004
10. Mingione, M., Fabi, C., & Jona Lasinio, G. (2021). **Measuring and Modeling Food Losses.** *Journal of Official Statistics*, 37(1), 171-211. DOI: 10.2478/jos-2021-0008
11. Pace, D. S., Di Marco, C., Giacomini, G., Ferri, S., Silvestri, M., Papale, E., Casoli, E., Ventura, D., Mingione, M., Alaimo Di Loro, P., Jona Lasinio, G., & Ardizzone, G. (2021). **Capitoline dolphins: Residency patterns and abundance estimate of Tursiops truncatus at the Tiber River Estuary (Mediterranean Sea).** *Biology*, 10(4), 275. DOI: 10.3390/biology10040275
12. Pasquini, D., Mingione, M., & Bernaschi, M. (2019, June). **Adversarial out-domain examples for generative models.** In *2019 IEEE European Symposium on Security and Privacy Workshops (EuroS&PW)* (pp. 272-280). IEEE. DOI: 10.1109/EuroSPW.2019.00037
13. P. Alaimo Di Loro, F. Divino, A. Farcomeni, G. Jona Lasinio, G. Lovison, A. Maruotti, M. Mingione. **Covid-19 in Italy: Modelling, communications, and collaborations,** *Significance*, 19(2). DOI: <https://doi.org/10.1111/1740-9713.01629>
14. Mandinyenya, B., Mingione, M., Traill, L. W., Malatesta, L., & Attorre, F.. **Sex differences in home range and habitat use by savannah elephants in Gonarezhou National Park, Zimbabwe,** *Pachyderm* (2024), 65, 104-118;. DOI: <https://doi.org/10.69649/pachyderm.v65i.1297>
15. A. Giorgi, S. Menicocci, M. Forte, V. Ferrara, M. Mingione, P. Alaimo Di Loro, B. M. S. Inguscio, S. Ferrara, F. Babiloni, A. Vozzi, V. Ronca, G. Cartocci. **Virtual and Reality: A Neurophysiological Pilot Study of the Sarcophagus of the Spouses,** *Brain Sciences* (2023), 13(4), 635;. DOI: <https://doi.org/10.3390/brainsci13040635>

16. K. Sherratt, H. Gruson, R. Grah, H. Johnson, R. Niehus, et al. **Predictive performance of multi-model ensemble forecasts of COVID-19 across European nations**, *eLife* (2023). DOI: 10.7554/eLife.81916
17. M. Mingione, M. Ciccozzi, M. Falcone, A. Maruotti. **Short-term forecasts of Monkeypox cases in multiple countries: keep calm and don't panic**, *Journal of Medical Virology* (2022). DOI: <https://doi.org/10.1002/jmv.28159>
18. F. Divino, P. Alaimo Di Loro, A. Farcomeni, G. Jona Lasinio, G. Lovison, M. Ciccozzi, M. Mingione, A. Maruotti. **Decreased severity of the Omicron variant of concern: further evidence from Italy**, *International Journal of Infectious Diseases*, 119 (2022): 21-23. DOI: <https://doi.org/10.1016/j.ijid.2022.03.023>
19. M. Mingione, P. Alaimo Di Loro. **Temporal Nearest Neighbor Gaussian Process (tNNGP) with flexible covariance for modelling physical activity**, *Book of short paper SIS 2024*, Methodological and Applied Statistics and Demography I, ISBN: 978-3-031-64345-3
20. F. Lagona, M. Mingione. **How much do we sleep? Segmenting heart rates by hidden semi-Markov models in continuous time**, *Book of short paper SIS 2024*, Methodological and Applied Statistics and Demography II, ISBN: 978-3-031-64349-1
21. F. Lagona, M. Mingione. **Hidden semi-Markov models with copula-based emission distributions for toroidal time-series**, *Book of short paper SIS 2024*, Methodological and Applied Statistics and Demography II, ISBN: 978-3-031-64349-1
22. F. Lagona, M. Mingione. **A parametric hidden semi-Markov model for toroidal time-series**, *Book of short paper GRASPA 2023*. pp. 205-210. ISBN: 9791221033892
23. P. Alaimo Di Loro, M. Mingione. **Stochastic reconstruction of a spatio-temporal Hawkes process with isotropic excitation: an application to road accidents**, *Book of short paper GRASPA 2023*. pp. 62-67. ISBN: 9791221033892
24. M. Mingione, P. Alaimo Di Loro, F. Lagona, A. Maruotti. **Penalized multivariate hidden semi-Markov models for time series environmental data**, *Book of short paper GRASPA 2023*. pp. 16-21. ISBN: 9791221033892
25. M. Mingione, P. Alaimo Di Loro, F. Lagona, A. Maruotti. **A multivariate hidden semi-Markov model for the analysis of multiple air pollutants**, *Book of short paper SIS 2023*, pp. 747-752. ISBN: 9788891935618
26. M. Mingione, M. Vichi, G. Zaccaria. **Complex Dimensionality Reduction: Ultrametric Models for Mixed-Type Data**, *Advances in Intelligent Systems and Computing book series* (volume 1433). DOI: 10.1007/978-3-031-15509-3\_37
27. P. Alaimo Di Loro, G. Caruso, M. Mingione, G. Jona Lasino, L. Tardella. **Specification of informative priors for capture-recapture finite mixture models**, *Book of short papers SIS 2022*, pp. 1703-1708. ISBN: 9788891932310
28. M. Mingione, P. Alaimo Di Loro. **Statistical communication of COVID-19 epidemic using widely accessible interactive tools**, *Book of short papers SIS 2021*, pp. 1738-1743. ISBN: 9788891927361
29. G. Jona Lasinio, D. S. Pace, M. Mingione, G. Caruso, P. Alaimo Di Loro, G. Panunzi, L. Tardella, S. Moro, E. Bompiani. **Model-based clustering for estimating cetaceans site-fidelity and abundance**, *Book of short papers CLADAG 2021*, pp. 292-295. ISBN: 9788855183406

30. M. Mingione, P. Alaimo Di Loro, G. Jona Lasinio, S. Martino, F. Colloca. **Compositional analysis of fish communities in a fast changing marine ecosystem**, *Book of short papers SIS 2020*, pp. 834-839. ISBN: 9788891910776
31. M. Mingione, G. Jona Lasinio, S. Martino, F. Colloca. **Multivariate analysis and biodiversity partitioning of a demersal fish community: an application to Lazio coast**, *Book of short papers SIS 2019*, pp. 985-990. ISBN: 9788891915108

Data

06/02/2025

Luogo

Roma