VINCENZINA VITALE

CURRICULUM VITAE

PERSONAL DETAILS

Name	Vincenzina
Surname	Vitale
Address of Residence	
Phone number	
E-mail	
Nationality	
Date and place of birth.	
Gender	

National scientific qualification as Associate Professor (sector 13/D1- Statistics)- accomplished on 02 October 2022 (valid until 02 October 2033)

EDUCATION

June 2013
Ph.D. in "Statistical Methodology for Economics and Business", XXV cycle, Department of Economics, Roma Tre University. Supervisor: Profs. Paola Vicard and Daniela Marella

January 2005
Degree in Statistical Sciences and Economics, Faculty of Economics, University of Calabria. Evaluation achieved: 110/110 cum laude. Supervisor: Prof. Damiana G. Costanzo

ACADEMIC\PROFESSIONAL EXPERIENCES

July 2021 – July 2024
Researcher (RTD-A) in Statistics (SECS-S/01), Department of Social Sciences and Economics, Sapienza University of Rome

February 2019- March 2021
Research Fellow in Statistics (SECS-S/01), Department of Social Sciences and Economics, Sapienza University of Rome

February 2018 - January 2019
Research Fellow in Statistics (SECS-S/01), Department of Economics, Roma Tre University

December 2015 –January 2018
Research Fellow in Statistics (SECS-S/01), Department of Economics, Roma Tre University. Sponsored by Enel S.p.A.

July 2014 – December 2014
Statistical consultant for the Project "Sistema Informativo Integrato" at INVALSI Institute, Rome

March 2014 – June 2014
Statistical consultant for the Fourth Research Report on Management Consulting in Italy promoted by Assoconsult, University of Rome Tor Vergata, Faculty of Economics.

July 2013 – September 2013
Statistical fellowship for the Project "autovalutazione dei processi formativi e posizionamento in ambito regionale e nazionale." Roma Tre University, Faculty of Economics

January 2011–December 2011
Statistical consultant for Analysis of provisional regional data for the 6th General Census of Agriculture, at Lazio Service S.p.a. (Lazio Region)

MENTION OF SUBJECT EXPERT

Academic years: 2021/2020 – 2020/2019 – 2019/2018
Mention of Subject Expert in Multivariate Statistics, Department of Social Sciences and Economics, Sapienza University of Rome

Academic year 2017/2018
Mention of Subject Expert in Statistics, Link Campus University, Rome

Academic year 2014/2015
Mention of Subject Expert in Statistics, University of Rome Tor Vergata, Faculty of Economics.

SPECIALISATION COURSES

6 May 2019 – 7 May 2019
Course on "Causality and Policy Evaluation" (Lecturer: Prof. Guido Imbens), at LUISS Guido Carli University, Rome

10 – 14 October 2011
Course on "Teoria e pratica dei modelli a effetti casuali per dati multilivello e longitudinali" sponsored by SIS (Italian Statistical Society) and University of Florence

20 – 24 September 2010
Course on "Metodi multivariati robusti per l'analisi di dati economici" sponsored by SIS (Italian Statistical Society) and University of Parma

16 – 18 June 2010
Course on "Monte Carlo Statistical Methods" (Lecturer Prof. G. Casella), University of Padua– Faculty of Statistical Sciences

TEACHING EXPERIENCES

Academic year 2023/2024
Professor of "Statistica – canale F" (SECS-S/01 – 8 CFU). Degree Program in "Economia and Management".
Department, LUISS University, Rome

Academic year 2023/2024
*Professor of "Statistica e Data Science Per l'Analisi della Sostenibilità'" (SECS-S/01 – 6
CFU).* Degree Program in "Sociologia per la sostenibilità e analisi dei processi globali LM-88". Department of Social Sciences and Economics, Sapienza University of Rome

Academic year 2023/2024 - 2022/2023
Professor of "Metodi e Modelli Statistici per l'Economia e le Politiche Pubbliche – Modelli Statistici per l'Economia" (SECS-S/01 – 6 CFU). Degree Program in "Economia e Politiche per la sostenibilità globale" (L56). Department of Social Sciences and Economics, Sapienza University of Rome

Academic year 2022/2023 - 2021/2022
Professor of "Metodi statistici per l'economia" (SECS-S/01 –S/03 – 9 CFU). Degree Program in "Analisi Economica delle Istituzioni internazionali" (L56). Department of Social Sciences and Economics, Sapienza University of Rome

Academic year 2023/2024 - 2022/2023 - 2021/2022
Professor of "Statistical Modelling for Social Sciences", Phd School of Statistics and Social Data Sciences. Department of Social Sciences and Economics, Sapienza University of Rome.

August-September 2020 / August-September 2019 / August-September 2018
Professor of "Mathematical Statistics – Preliminary Course", Rome Master in Economics (RoME), Einaudi Institute for Economics and Finance (EIEF)

Academic year: 2020/2021 2019/2020 2018/2019
Teaching assistant for the Course "Statistica Multivariata". Degree Program in Economic Analysis of International Institutions (L56). Department of Social Sciences and Economics, Sapienza University of Rome

October 2019 (8 hours)
Teacher of the second module of the Course "Modelli grafici e reti Bayesiane: teoria generale e applicazioni ai dati della statistica ufficiale", PhD Programme "School of Statistical Sciences", Department of Statistical Sciences, Sapienza University of Rome,

Academic years 2018/2019 2017/2018
Teaching assistant for the Course "Quality Management ", Roma Tre University, Faculty of Economics

Academic years 2018/2019 2017/2018 2016/2017
Teaching assistant for the Course "Statistica applicata", Roma Tre University, Faculty of Economics

Academic years 2017/2018

Teaching assistant for the Course "Statistical methods in Economics", Roma Tre University, Faculty of Economics

Academic years 2016/2017 2015/2016

Teaching assistant for the Course "Management della qualità (e controllo statistico della qualità) ", Roma Tre University, Faculty of Economics

Academic years 2016/2017

Teaching assistant for the Course "Metodi statistici applicati all'economia", Roma Tre University, Faculty of Economics

Academic years 2015/2016 2014/2015 2013/2014

Teaching assistant for the Course "Statistica II canale", Roma Tre University, Faculty of Economics

December 2014 (14 hours) - February 2014 (14 hours) - January 2013 (12 hours)

Teacher of the Course "Corso introduttivo all'utilizzo del software R, Phd School of Quantitative Methods, Roma Tre University, Faculty of Economics

Academic years 2014/2015

Teaching assistant for the Course "Statistica", University of Rome Tor Vergata, Faculty of Economics

Academic years 2013/2014 2012/2011 2010/2011

Tutor for the Course "Statistica", Roma Tre University, Faculty of Economics

Academic years 2011/2012

Tutor for the Course "Statistica Applicata alle Decisioni Aziendali ", Roma Tre University, Faculty of Economics

Academic years 2005/2006

Teaching assistant for the Courses "Statistica" and "Probabilità ed Inferenza Statistica I e II", University of Calabria, Faculty of Economics

Academic years 2004/2005

Teaching assistant for the Courses "Statistica e Calcolo delle Probabilità", University of Calabria, Faculty of Economics

RESEARCH INTERESTS

- *Analysis of Multivariate dependence (parametric and nonparametric Bayesian Networks)*
- *Machine learning in the context of Bayesian Networks*
- *Multivariate Statistical Matching*
- *Clustering, fuzzy clustering and spatial clustering*

MEMBER OF RESEARCH PROJECTS

Year 2023

New clustering models and methods for asymmetric relationship data
P.I   Prof. Laura Bocci - Department of Social Sciences and Economics, Sapienza University of Rome

PRIN 2022

Networks: decomposition, clustering and community detection
Coordinatore del Progetto: BENATI Stefano - Responsabile di Unita' di Ricerca: CERQUETI Roy

Year 2020

Analysis of rankings and preference data: new methods and applications.
P.I   Prof. Roy Cerqueti, Department of Social Sciences and Economics, Sapienza University of Rome

Year 2019

Cross-Sectional and Longitudinal multivariate analysis of Spatio-temporal well-being indicators.
P.I Prof. Silvia Polettini, Department of Social Sciences and Economics, Sapienza University of Rome

P. I. OF RESEARCH PROJECTS

Year 2022

The use of proxy variables for multivariate statistical matching by means of Bayesian Networks: a micro-level approach to the construction of a synthetic data source for further multivariate analysis - Department of Social Sciences and Economics, Sapienza University of Rome

REFERRAL ACTIVITIES FOR INTERNATIONAL JOURNALS

- *Spatial Statistics*
- *Social Indicators Research*
- *Advances in Data Analysis and Classification*
- *Information Sciences*
- *Journal of Applied Statistics*
- *Annals of Operations Research.*
- *Biometrical Journal*

EDITORIAL BOARD MEMBER

From 2023 ongoing – "IEEE Transactions on Artificial Intelligence" Associate Editor

SCIENTIFIC COMMITTEES OF CONFERENCE

14-15 JULY 2022

Member of Program Committee of the INTERNATIONAL CONFERENCE ON SUSTAINABILITY ANALYSIS – ICSA, Department of Social Sciences and Economics, Sapienza University of Rome

PRESENTATIONS AT CONFERENCES

- 21-23 June 2023 – INVITED SESSION – SIS 2023 – Statistical Learning, Sustainability and Impact Evaluation – Università Politecnica delle Marche::
  - *D. Marella,V. Vitale, P. D'Urso – Objective and subjective dimension of economic well-being: an approach based on statistical matching*

- 20-21 October 2022 – CESS 2022 - Conference of European Statistics Stakeholders Methodologists, Producers and Users of European Statistics - Sapienza University of Rome:
  - *L.S. Alaimo, P. D'Urso, L. De Giovanni, R. Mattera, V. Vitale - Robust Entropy-based fuzzy clustering of interval-valued time series*

- 12-14 September 2022 – ASA 2022 Scientific conference on Data-Driven Decision Making- Genoa:
  - *L.S. Alaimo, P. D'Urso, L. De Giovanni, V. Vitale - Tourism in the EU countries: a robust fuzzy clustering approach with entropy regularization*

- 14-15 July 2022 - INVITED SESSION- First International Conference on Sustainability Analysis (ICSA 2022)- Sapienza University of Rome:
  - *L.S. Alaimo, P. D'Urso, L. De Giovanni, V. Vitale -A robust DTW-based entropy fuzzy clustering method with an application to the European Union tourism*

- 24-25 May 2022 - IV Scientific conference, Department of Social Sciences and Economics, Sapienza University of Rome:
  - *D'Urso P. De Giovanni L., Vitale V. Homogeneous clusters of European countries based on the Digital Economy and Society Index*
  - *L.S. Alaimo, D'Urso P. De Giovanni L., Vitale V. A robust DTW-based entropy fuzzy clustering method with an application to the European Union tourism*

- 09 - 11 September 2021 - Cladag 2021 – INVITED SESSION
  - *D'Urso, L. De Giovanni, V. Vitale -Spatial-temporal Clustering based on B-splines: robust models with applications to COVID-19 pandemics*

- 12 - 16 July 2021 - Virtual ISI 2021 - INVITED SESSION (organized by Spatial Statistics journal)
  - *P. D'Urso, L. De Giovanni, V. Vitale -The Spatial-temporal Exponential distance-based Fuzzy clustering of COVID-19 data based on B-splines*

- 21 - 25 June 2021- SiS 2021 University of Pisa
  - *P.L. Conti, D. Marella, P.Vicard, V. Vitale - Statistical Micro Matching Using Bayesian Networks*

- 16-17 December 2019 - III Scientific Conference, Department of Social Sciences and Economics, Sapienza University of Rome
  - *P. D'Urso, V. Vitale - Un approccio integrato allo studio del Benessere equo e sostenibile (BES) mediante Reti Bayesiane*
  -

- 11-13 September 2019 - Cladag 2019 - University of Cassino and Southern Lazio
  - *D. Marella, P.Vicard, V. Vitale - Uncertainty in statistical matching by BNs*

- 18-21 June 2019 Smart Statistics for Smart Applications -Università Cattolica del Sacro Cuore, Milano -– INVITED SESSION
  - *D. Marella, P. Vicard, V. Vitale - Data Integration by Graphical Models*

- 20-22 June 2018 - 49th Scientific meeting of the Italian Statistical Society (SIS) – Palermo
  - *P. Vicard, V. Vitale - PC algorithm for Gaussian Copula Data*

- 13-15 September 2017- 11th Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society (SIS) – Milano
  - *F. Musella, P. Vicard, V. Vitale - A Constraint-based Algorithm for Nonparanormal Data*

- 11 December 2016 - 9th International Conference of the ERCIM Working Group on Computational and Methodological Statistics (CMStatistics2016). Seville, Spain.
  - *C. Conigliani, T. Petitti, V.Vitale - Bayesian networks for the analysis of inpatient admissions*

- 10 Giugno 2016 - "SIS 2016" - 48th Scientific Meeting of the Italian Statistical Society
  - *V. Vitale, V. Guizzi, F. Musella, P. Vicard - Non – Parametric Bayesian Networks for Managing an Energy Market*

- 24 - 26 Giugno 2015 - "ITACOSM 2015" - 4th ITAlian Conference on Survey Methodology
  - *V. Vitale, G. Bove, D. Marella - A multilevel approach to investigate student performances in PISA 2012*

- 19 Settembre 2013 "CLADAG 2013" - 9th Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society
  - *V.Vitale - Hierarchical Graphical models and Item Response Theory*

PAPERS IN CONFERENCE PROCEEDINGS

1. D'Urso, P., De Giovanni, L., Federico, L., Vitale, V. (2024) Copula-based fuzzy clustering of count data with Total Variation distance - In: Ansari, J., et al. Combining, Modelling and Analyzing Imprecision, Randomness and Dependence. SMPS 2024. Advances in Intelligent Systems and Computing, vol 1458. Springer, Cham. https://doi.org/10.1007/978-3-031-65993-5_15 (INVITED SESSION)

2. D. Marella, V. Vitale, P. D'Urso (2023) – Objective and subjective dimension of economic well-being: an approach based on statistical matching - Book of short Papers SIS 2023. ISBN 9788891935618AAVV

3. P. D'Urso, L. De Giovanni, V. Vitale (2021)-Spatial-temporal Clustering based on B-splines: robust models with applications to COVID-19 pandemics - CLADAG 2021 BOOK OF ABSTRACTS AND SHORT PAPERS Proceedings e report; Firenze University Press. http://dx.doi.org/10.36253/978-88-5518-340-6

4. P. L. Conti, D. Marella, P. Vicard, V. Vitale (2021)- Statistical Micro Matching Using Bayesian Networks - Book of short Papers SIS 2021. ISBN 9788891927361 Publisher: Pearson. Editors: Cira Perna, Nicola Salvati and Francesco Schirripa Spagnolo

5. P.L Conti, D. Marella, V. Vitale (2020). Pseudo-population based resamplings for two-stage design. Book of short Papers SIS 2020. ISBN 9788891910776 Publisher: Pearson. Editors: Alessio Pollice, Nicola Salvati and Schirripa Spagnolo

6. F. Musella, V. Vitale (2020). Learning Bayesian Networks for Nonparanormal Data. Book of short Papers SIS 2020. ISBN 9788891910776 Publisher: Pearson. Editors: Alessio Pollice, Nicola Salvati and Schirripa Spagnolo

7. D. Marella, P. Vicard, V. Vitale (2019). Uncertainty in statistical matching by BNs. Cladag 2019 Book of Short Papers- ISBN 78-88-8317-108-6, G. C. Porzio, F. Greselin, S. Balzano Editors

8. Guglielmetti Mugion, R., Musella, F., Vicard, P. Vitale, V. (2019). Network modeling the bike-sharing intention: an empirical analysis of non-user needs. IES 2019 book of Short Papers ISBN 978-88-86638-65-4 Editors Matilde Bini, Pietro Amenta, Antonello D'Ambra, Ida Camminatiello

9. D. Marella, P. Vicard, V. Vitale (2019). Data Integration By Graphical Models. Book of short Papers SIS 2019. ISBN 9788891915108 Publisher: Pearson. Editors: Giuseppe Arbia, Stefano Peluso, Alessia Pini e Giulia Rivellini

10. V. Vitale, P. Vicard, (2018). PC Algorithm For Gaussian Copula Data. Book of short Papers SIS 2018. ISBN-9788891910233 Publisher: Pearson. Editors: Antonino Abbruzzo, Eugenio Brentari, Marcello Chiodi e Davide Piacentino

11. D. Marella, P. Vicard, V. Vitale (2018). Statistical Matching By Bayesian Networks. Book of short Papers SIS 2018 - ISBN-9788891910233 Publisher: Pearson. Editors: Antonino Abbruzzo, Eugenio Brentari, Marcello Chiodi e Davide Piacentino

12. F. Musella, P. Vicard, V. Vitale (2017). A Constraint - based Algorithm For Nonparanormal Data. Cladag 2017 Book of Short Papers- ISBN 978-88-99459-71-0, F. Greselin, F. Mola and Ma. Zenga. Editors, Universitas Studiorum S.r.l. Casa Editrice

13. D. Marella, P. Vicard, V. Vitale (2017). Non Parametric Bayesian Networks For Measurement Error Detection. Cladag 2017 Book of Short Papers- ISBN 978-88-99459-71-0, F. Greselin, F. Mola and Ma. Zenga. Editors, Universitas Studiorum S.r.l. Casa Editrice

14. V. Vitale, V. Guizzi, F. Musella, P. Vicard (2016). Non – Parametric Bayesian Networks for Managing an Energy Market. SIS2016 Proceedings- Editors: Monica Pratesi and Cira Pena ISBN: 9788861970618

15. V. Vitale (2013). Hierarchical Graphical Models and Item Response Theory. Cladag 2013 - 9th Meeting of the Classification and Data Analysis Group. Book of Abstracts - Editors: T. Minerva, I. Morlini, F. Palumbo - Cleup Modena (ITA)) - n. volume 1 - pp. da 470 a 473 ISBN: 9788867871179

ABSTRACTS IN INTERNATIONAL CONFERENCES

1. Bocci, L.; D'Urso, P.; Vitale, V. - (2022), INDCLUS for spatial proximity data COMPSTAT 2022, 24st International Conference on Computational Statistics - Bologna, Italy (INVITED SESSION)

2. C. Conigliani, T. Petitti, V. Vitale (2016) - Bayesian networks for the analysis of inpatient admissions. 9th International Conference of the ERCIM Working Group on Computational and Methodological Statistics (CMStatistics 2016). Seville, Spain. ISBN 978-9963-2227-1-1.

3. P. D'Urso, L. De Giovanni, V. Vitale -The Spatial-temporal Exponential distance-based Fuzzy clustering of COVID-19 data based on B-splines (ISI proceedings)

PAPERS IN INTERNATIONAL JOURNALS

1. D'Urso, P., De Giovanni, L., Federico, L. et al. Network and attribute-based clustering of tennis players and tournaments. Comput Stat (2024). https://doi.org/10.1007/s00180-024-01493-2

2. Vitale, V., D'Urso, P., De Giovanni L., Mattera R.. Entropy-based fuzzy clustering of interval-valued time series. Adv Data Anal Classif (2024). https://doi.org/10.1007/s11634-024-00586-6

3. D'Urso, P., De Luca, G., Vitale, V., Zuccolotto P. Tail dependence-based fuzzy clustering of financial time series. Ann Oper Res (2023). https://doi.org/10.1007/s10479-023-05744-1

4. D'Urso, P., De Giovanni, L. & Vitale, V. Robust DTW-based entropy fuzzy clustering of time series. Ann Oper Res (2023). https://doi.org/10.1007/s10479-023-05720-9

5. Cerqueti, R., D'Urso, P., De Giovanni, L. Mattera, R., Vitale V.. Fuzzy clustering of time series based on weighted conditional higher moments. Comput Stat (2023). https://doi.org/10.1007/s00180-023-01425-6

6. P D'Urso, L De Giovanni, L Federico, V Vitale. Fuzzy clustering of spatial interval-valued data. Spatial Statistics 57, 100764 (2023)

7. Cerqueti, R., D'Urso, P., De Giovanni, L., Mattera, R., Vitale V.. Fuzzy clustering of financial time series based on volatility spillovers. Ann Oper Res (2023). https://doi.org/10.1007/s10479-023-05560-7

8. Chessa, A., D'Urso, P., De Giovanni, L. Vitale V, Gebbia, A.. Complex networks for community detection of basketball players. Ann Oper Res 325, 363–389 (2023). https://doi.org/10.1007/s10479-022-04647-x

9. D'Urso, P., De Giovanni, L. & Vitale, V. A Bayesian network to analyse basketball players' performances: a multivariate copula-based approach. Ann Oper Res 325, 419–440 (2023). https://doi.org/10.1007/s10479-022-04871-5

10. D'Urso, P., De Giovanni, L. & Vitale, V. A robust method for clustering football players with mixed attributes. Ann Oper Res 325, 9–36 (2023). https://doi.org/10.1007/s10479-022-04558-x

11. D'Urso, P., De Giovanni, L., Alaimo, L.S., ., Mattera, R., Vitale V.. Fuzzy clustering with entropy regularization for interval-valued data with an application to scientific journal citations. Ann Oper Res (2023). https://doi.org/10.1007/s10479-023-05180-1

12. R Cerqueti, P D'Urso, L De Giovanni, R Mattera, V Vitale. INGARCH-based fuzzy clustering of count time series with a football application. Machine Learning with Applications 10, 100417 (2022)

13. D'Urso, P., Vitale, V. A Kemeny Distance-Based Robust Fuzzy Clustering for Preference Data. J Classif 39, 600–647 (2022)

14. P. D'Urso, L. De Giovanni · F.G. M. Sica · V. Vitale. Measuring competitiveness at NUTS3 level and fuzzy clustering of the Italian provinces. Soc Indic Res, 1-43 (2022)

15. Bocci, L., D'Urso, P., Vicari, D. et al. A Regression Tree-Based Analysis of the European Regional Competitiveness. Soc Indic Res 1-31 (2022)

16. P. D'Urso, L. De Giovanni, V. Vitale, A D-vine copula-based quantile regression model with spatial dependence for COVID-19 infection rate in Italy, Spatial Statistics 47, 100586 (2022).

17. P. D'Urso, M. Mucciardi, E. Otranto, V. Vitale - Community mobility in the European regions during COVID-19 pandemic: a Partitioning Around Medoids with noise cluster based on space-time autoregressive models – Spatial Statistics 49, 100531 (2022).

18. V. Vitale P. D'Urso, L. De Giovanni - Spatio-Temporal Object-Oriented Bayesian Network modeling of the Covid-19 Italian outbreak data – Spatial Statistics 49, 100529 (2022)

19. P. D'Urso, L. De Giovanni, V.Vitale - Spatial robust fuzzy clustering of COVID 19 time series based on B-splines – Spatial Statistics 49, 100518 (2022)

20. Bocci, L., D'Urso, P., Vicari, D., Vitale V. - A Three-Way Approach for Defining Competitiveness Indexes of the European Regions (NUTS-2)-.Soc Indic Res 1-45 (2021)

21. P. D'Urso, L. A. Garcia-Escudero, L. De Giovanni, V. Vitale, A. Mayo-Iscar - Robust fuzzy clustering of time series based on B-splines - International Journal of Approximate Reasoning 136, 223-246 (2021)

22. Bocci, L., D'Urso, P., Vitale, V. Clustering of the Italian regions based on their equitable and sustainable well-being indicators: a three-way approach. Soc. Ind. Res. 155 (3), 995-1043 (2021)

23. D'Urso, P., Guandalini, A., Mallamaci, F.R., Vitale V., Bocci, L. To Share or not to Share? Determinants of Sharing Mobility in Italy. Soc Indic Res 154 (2), 647-692 (2021)

24. P. L. Conti, D. Marella, P. Vicard, V. Vitale, Multivariate statistical matching using graphical modeling, International Journal of Approximate Reasoning, Volume 130, 150-169 (2021)

25. D'Urso, P., De Giovanni, L., Disegna, M., Massari, R., Vitale,V. A Tourist Segmentation Based on Motivation, Satisfaction and Prior Knowledge with a Socio-Economic Profiling: A Clustering Approach with Mixed Information. Soc Indic Res 154 (1), 335-360 (2021)

26. D'Urso, P., Vitale, V. Modeling Local BES Indicators by Copula-Based Bayesian Networks. Soc Indic Res 153 (3), 823-847 (2021)

27. C. Conigliani, T. Petitti, V. Vitale - Bayesian networks for the analysis of inpatient admissions. Italian Journal of Applied Statistics - No 2 (2020): Vol. 32, Number 2 pp 141-160 https://doi.org/10.26398/IJAS.0032-009

28. D'Urso, P., Vitale, V. Bayesian Networks Model Averaging for Bes Indicators. Soc Indic Res 151, 897–919 (2020). https://doi.org/10.1007/s11205-020-02401-z

29. P. D'Urso, V. Vitale. A Robust Hierarchical Clustering for Georeferenced Data. Spatial Statistics, 35, (2020) 100407, https://doi.org/10.1016/j.spasta.2020.100407.

30. P. L. Conti, A. Di Iorio, A. Guandalini, D. Marella, P. Vicard ,V. Vitale. On the estimation of the Lorenz curve under complex sampling designs. Statistical Methods & Applications (2020) 29:1–24 https://doi.org/10.1007/s10260-019-00478-6 (first online 19/06/2019)

31. Vitale, V., Musella, F., Vicard, P., Guizzi, V. Modelling an energy market with Bayesian networks for non-normal data. Comput Manag Sci 17, 47–64 (2020). https://doi.org/10.1007/s10287-018-0320-2 (first on line 01 June

2018)

32. P. Potestio, C. Conigliani, V. Vitale. Forme contrattuali e flessibilità nelle imprese manifatturiere italiane: alcuni confronti regionali. Economia&Lavoro (2017) N.2 (pp 97-122)

33. G. Bove, D. Marella and V. Vitale. Influences of school climate and teacher's behavior on student's competencies in mathematics and the territorial gap between Italian macro-areas in PISA 2012. Journal of Educational, Cultural and Psychological Studies (2016), No 13, pp 63-96

CONTRIBUTIONS IN BOOK

1. D. Marella, P. Vicard, V. Vitale, D. Ababei. Measurement Error Correction by Non Parametric Bayesian Networks: Application and Evaluation. In Studies in classification, data analysis, and knowledge organization. Statistical learning of complex data (2019), edited by Greselin F., Deldossi L., Bagnato L., Vichi, M. ISBN 978- 3-030-21140-016

2. F. Musella, P. Vicard, V. Vitale. Copula Grow-Shrink algorithm for Structural learning. In Studies in classification, data analysis, and knowledge organization. Statistical learning of complex data (2019), edited by Greselin F., Deldossi L., Bagnato L., Vichi, M. ISBN 978-3-030-21140-017

RESEARCH REPORT

V. Vitale. Technical Report on Bayesian Networks as Decision Support in Energy Markets. A practical guide to the use of reference software. Department of Economics, Roma Tre University (December 2016)

LANGUAGES
Italian   Native speaker
English   Fluent
French   Basic

TECHNICAL SKILLS
Openbugs - Winbugs - Hugin Lite - Spss - Minitab - R - R Studio - MPLUS - Latex – Uninet - Office

La sottoscritta è a conoscenza che, ai sensi dell'art. 76, del D.P.R. n. 445 del 28 dicembre 2000, le dichiarazioni di cui al presente curriculum sono da considerare come rese a pubblico ufficiale e che le dichiarazioni mendaci, la falsità negli atti e l'uso di atti falsi sono puniti ai sensi del codice penale e delle leggi speciali in materia

Autorizzo la pubblicazione ai sensi del D.Lgs. n. 33/2013 "Riordino della disciplina riguardante gli obblighi di pubblicità, trasparenza e diffusione di informazioni da parte delle pubbliche amministrazioni" e acconsento all'utilizzo delle informazioni ivi contenute ai sensi del D.L. n. 196/2003 "Codice in materia di protezione dei dati personali"

Signature

Rome, 26 August 2024

Vincenzina Vitale