

Susanna Zaccarin – short CV

Date of birth: [REDACTED]
Place of residence: [REDACTED]
Gender: [REDACTED]
Mobile phone: [REDACTED]
e-mail: susannaz@deams.units.it

- Current Position

Full professor of Social Statistics at the Department of Economics, Business, Mathematics and Statistics, University of Trieste (since 2005).

Previous positions:

(1998-2005) associate professor of Social Statistics, University of Trieste;
(1991-1998) assistant professor of Statistics, University of Trieste;
(1983-1991) research assistant of Statistics, COSES (Consorzio per lo Sviluppo Economico e Sociale), Venice.

- Education

Master degree in Statistics cum laude (1982) University of Padua.
Visiting Research Fellow at the Centre for Survey Data Analysis (1993 and 2003) University of Southampton.

- Research Interests

Survey design, statistical modelling and network analysis. Main focus on: i) data quality and analysis of administrative data-sets, ii) longitudinal survey designs, iii) social network analysis and statistical models for relational data, with main applications to the study of innovation and co-authorship networks and of ego-support networks of Italian population. About these topics, she published several papers and articles in national and international journals and books.

She participated as invited speaker or organiser in specialized and solicited sessions on social network analysis in the conferences of the Italian Statistical Society, CLAssification and Data Analysis Group, and EUSN.

She was the scientific coordinator of the course “Metodi statistici per l’analisi dei dati relazionali”, 2018 and 2020 Editions of the Italian Statistical Society School.

She is a member of the “Expert Group on facilitating the use of new data sources for official statistics” by Eurostat since March 2021.

- Teaching

- Survey Methodology (bachelor degree Statistics and Informatics for Business, Finance and Insurance, since a.a. 1995/96)

- Social Network Analysis (master degree Data Science and Scientific Computing, since a.a. 2019/20)

- Statistical Methods for socio-economic analysis (master Industrial Economics and International Markets, a.a. 2015/16 and 2016/17)

- Statistical Models for Network analysis (Doctoral Programme in Development Economics and Local Systems (DELoS, University of Florence)

- Editorial activities

Co-editor of a special issue of the journal *Quality & Quantity* on "Applied and Methodological Issues in the Analysis of Network Data" (2011).

Co-editor of the book "Lo scambio della conoscenza: il valore dei legami università-territorio", EUT, TRIESTE (2012).

- Administrative duties

Coordinator of the Bachelor Degree Programme in Statistics and Informatics for Business, Finance and Insurance, University of Trieste, 2010-2015.

Member of the Academic Board of the PhD School in Statistical Sciences, University of Padua (since 2005).

Head of the Department of Economics, Business, Mathematics and Statistics, University of Trieste, 2015-2021

- Grants

National Research Projects (PRIN): 1997-1999, 2001- 2003, 2005-2007, Associated Investigator.

"Fondo Trieste" project 2009-2013 "Socio-economic impact of public research: a new approach in the Trieste area " Principal Investigator.

European Regional Development Fund 2007/2013 project "New statistical methods to detect Labour Market Areas (LMAs) at regional level".

- Affiliation to Academic Associations

Italian Statistical Society, Classification and Data Analysis of the Italian Statistical Society, Italian Association for Population Studies, Demography Section of the Italian Statistical Society, Survey Sampling Group (S2G) of the Italian Statistical Society, International Network for Social Network Analysis

- Selected Publications:

- 1) Elvira Pelle, Susanna Zaccarin, Emanuela Furfaro, Giulia Rivellini (2021). Support provided by elderly in Italy: a hierarchical analysis of ego networks controlling for alter-overlapping. *Stat Methods Appl* (2021). <https://doi.org/10.1007/s10260-021-00565-7>
- 2) Emanuela Furfaro, Giulia Rivellini, G., Elvira Pelle, Susanna Zaccarin (2021). Constructing personal networks in light of COVID-19 containment measures. *Genus* 77, 17. <https://doi.org/10.1186/s41118-021-00128-4>
- 3) Domenico De Stefano, Maria Prosperina Vitale, Susanna Zaccarin (2019). Community Structure in Co-authorship Networks: The Case of Italian Statisticians. In: (a cura di): Francesca Greselin Laura Deldossi Luca Bagnato Maurizio Vichi, *Statistical Learning of Complex Data. STUDIES IN CLASSIFICATION, DATA ANALYSIS, AND KNOWLEDGE ORGANIZATION*, p. 65-72, Cham:Springer International Publishing, ISBN: 978-3-030-21139-4, ISSN: 1431-8814, doi: 10.1007/978-3-030-21140-0_7
- 4) Domenico De Stefano, Vittorio Fucella, Susanna Zaccarin (2019). Web-Based Data Collection and Quality Issues in Co-Authorship Network Analysis. In: (a cura di): Giuseppe Arbia Stefano Peluso Alessia Pini Giulia Rivellini, *Smart Statistics for Smart Applications - Book of Short Papers SIS 2019*. p. 811-815, Milano: Pearson, ISBN: 9788891915108, Milano, June 18, 2019 – June 21, 2019
- 5) Elvira Pelle, Domenico De Stefano, Susanna Zaccarin (2018). Estimating the size of regional innovation network through a capture-recapture approach. *STATISTICA APPLICATA*, vol. 30, p. 99-111, ISSN: 1125-1964, doi: 10.26398/IJAS.0030-004

- 6) Viviana Amati, Silvia Meggiolaro, Giulia Rivellini, Susanna Zaccarin (2018). Social relations and life satisfaction: the role of friends. *GENUS*, vol. 74/2018, 7, ISSN: 2035-5556, doi: 10.1186/s41118-018-0032-z
- 7) Amati, Viviana, Meggiolaro, Silvia, Rivellini, Giulia, ZACCARIN, SUSANNA (2017). Relational Resources of Individuals Living in Couple: Evidence from an Italian Survey. *SOCIAL INDICATORS RESEARCH*, vol. 134, p. 547-590, ISSN: 0303-8300, doi: 10.1007/s11205-016-1443-x
- 8) Capellari Saveria, Pelle Elvira, Zaccarin Susanna (2017). Le reti di collaborazione per l'innovazione. Indagine sulle imprese partecipanti ai bandi europei per ricerca, sviluppo e innovazione (POR-FESR 2007/2013) in Friuli Venezia Giulia – Misura 1.1.a. In: (a cura di): Saveria Capellari, Le politiche strutturali e la misurazione dei loro effetti: aspetti territoriali. p. 21-58, TRIESTE: EUT- Edizioni Università di Trieste, ISBN: 978-88-8303-906-5
- 9) De Stefano Domenico, Zaccarin Susanna (2016). Co-authorship networks and scientific performance: an empirical analysis using the generalized extreme value distribution. *JOURNAL OF APPLIED STATISTICS*, vol. 43/2016, p. 262-279, ISSN: 0266-4763, doi: 10.1080/02664763.2015.1017719
- 10) Fuccella Vittorio, de Stefano Domenico, Vitale Maria Prosperina, Zaccarin Susanna (2016). Improving co-authorship network structures by combining multiple data sources: evidence from Italian academic statisticians. *SCIENTOMETRICS*, vol. 107, p. 1-18, ISSN: 0138-9130, doi: 10.1007/s11192-016-1872-y
- 11) Fuccella, Vittorio, DE STEFANO, DOMENICO, Vitale, Maria Prosperina, ZACCARIN, SUSANNA (2016). Improving Co-authorship Network Structures by Combining Heterogeneous Data Sources. In: (a cura di): Di Battista Tonio Moreno Elías Racugno Walter, Topics on Methodological and Applied Statistical Inference. *STUDIES IN THEORETICAL AND APPLIED STATISTICS SELECTED PAPERS OF THE STATISTICAL SOCIETIES*, p. 145-153, BERLIN: Springer, ISBN: 9783319440927, ISSN: 2194-7767, doi: 10.1007/978-3-319-44093-4_14
- 12) Pauli Francesco, Torelli Nicola, Zaccarin Susanna (2015). A model for clustering a spatial network with application to local labour system identification. In: CLADAG 2015 10° Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society - BOOK OF ABSTRACTS. p. 335-338, Cagliari: CUEC Editrice by Sardinia Novamedia, ISBN: 9788884679499, Cagliari, October 8-10, 2015
- 13) Amati V., Rivellini G., Zaccarin S. (2014). Potential and Effective Support Networks of Young Italian Adults. *SOCIAL INDICATORS RESEARCH*, p. 1-27, ISSN: 0303-8300, doi: 10.1007/s11205-014-0706-7
- 14) Bassi, S. Zaccarin, D. De Stefano (2014). Rural Inter-firm Networks as Basis for Multifunctional Local System Development: Evidence from an Italian Alpine Area. *LAND USE POLICY*, vol. 38, p. 70-79, ISSN: 0264-8377, doi: 10.1016/j.landusepol.2013.10.021
- 15) De Stefano D., Fuccella V., Vitale M.P., Zaccarin S. (2013). The use of different data sources in the analysis of co-authorship networks and scientific performance. *SOCIAL NETWORKS*, vol. 35, p. 370-381, ISSN: 0378-8733, doi: 10.1016/j.socnet.2013.04.004
- 16) De Stefano D., Zaccarin S. (2013). Modelling Multiple Interactions in Science and Technology Networks. *INDUSTRY AND INNOVATION*, vol. 20, p. 221-240, ISSN: 1366-2716, doi: 10.1080/13662716.2013.791130
- 17) D'Esposito M. R., ZACCARIN, SUSANNA (2011). Editorial: Applied and methodological issues in the analysis of network data. *QUALITY & QUANTITY*, vol. 45, p. 985-987, ISSN: 0033-5177, doi: 10.1007/s11135-011-9483-4

- 18) Zaccarin S., Silvestri I. (2011). Competences in the R&D sector: evidence from a case study in the Area Science Park of Trieste. INTERNATIONAL JOURNAL OF TECHNOLOGY INTELLIGENCE AND PLANNING, vol. 7, p. 153-167, ISSN: 1740-2832
- 19) RIVELLINI G, RIZZI E, ZACCARIN, SUSANNA (2006). The science network in Italian population research: an analysis according to the social network perspective. SCIENTOMETRICS, vol. 67, 3, p. 407-418, ISSN: 0138-9130, doi: 10.1556/Scient.67.2006.3.5
- 20) RIVELLINI G., ZACCARIN S. (2002). Multilevel analysis in social research: an application of a cross-classified model. STATISTICAL METHODS & APPLICATIONS, vol. 30, p. 84-95, ISSN: 1618-2510