

Curriculum Vitae

Annamaria Bianchi

(Last updated 02/09/2026)

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1 Personal information

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2 Current position and appointments

- (Since 1 September 2026) **Full Professor** of Economic Statistics (GSD 13/STAT-02, SSD STAT-02/A), Department of Economics, University of Bergamo.
 - Maternity leave: 02/09/2018–02/02/2019 and 10/03/2022–10/08/2022.
- **Current institutional and administrative appointments**
 - (Since May 2025) Member of the **Research Integrity and Ethics Committee**, University of Bergamo.
 - (Since 2023) **Vice-Director** of the Degree Programme Board in Economics and Data Analysis, Department of Economics, University of Bergamo.
 - (Since 2021) **EMOS Programme Coordinator** (European Master in Official Statistics) for the Master's degree programme in Economics and Data Analysis (EDA), University of Bergamo.
 - (Since 2020) Member of the Degree Programme Board in Economics and Data Analysis, Department of Economics, University of Bergamo.
- **Current research projects**
 - **Member** of the research project “Measuring inequalities in well-being: a multidimensional approach”, within Istat's thematic research projects, August 2026–April 2028.
 - **Principal Investigator** for the following annual projects (University Research Funds, former 60% scheme) awarded by the University of Bergamo:
 - 2026: “The use of new data and socio-economic analyses”, EUR 4,278.
 - 2025: “New data and the construction of socio-economic indicators”, EUR 5,628.
- **Current elected positions in scientific committees**
 - (Since 2026) **Deputy Coordinator of the Executive Committee** of the Sample Survey Group (S2G) of the Italian Statistical Society, devoted to sample survey methodology. <https://www.sis-statistica.it/index.php?p=9952>.
 - (2024–2026) **Board Member** of the European Master in Official Statistics (EMOS), organized by Eurostat and the European Statistical System. <https://cros.ec.europa.eu/book-page/emos-board-members>.
 - (Since 2024) **Elected Member** of the International Statistical Institute (ISI), “This certificate is awarded to elected members in recognition of their significant contributions to the statistical profession”. <https://isi-web.org/article/third-round-newly-elected-members-2024>.

- **Current editorial activities**

- (Since July 2025) **Section Editor** for *Italian Journal of Economic, Demographic and Statistical Studies*. <https://www.rieds-journal.org/rieds/about/editorialTeam>

- **Current roles in the organization of conferences and workshops**

- (15–19 March 2027) Scientific Committee of the *New Techniques and Technologies for Statistics* Conference (NTTS 2027), Brussels. <https://cros.ec.europa.eu/ntts2027>
- (29 June–2 July 2027) Scientific Committee of the *Italian Conference on Survey Methodology* (ITACOSM 2027), Cremona.

3 Scientific and academic profile

My academic background is theoretical: I hold a degree in *Mathematics* and a joint doctorate in *Mathematics and Statistics for Computational Sciences* from the University of Milan and in *Sciences Mathématiques* from Université Paris 6, with a thesis in mathematical statistics.

After completing my doctorate, my interests shifted towards **Economic Statistics**, which applies appropriate statistical methods to the measurement and empirical analysis of economic phenomena in different fields.

My current **research interests** mainly concern **sample surveys**, from both the data-collection and estimation perspectives, with particular emphasis on data quality, new data sources and modern methodologies. The intersection of these topics with **official statistics** led me to extend my research to this field. More recently, I have also worked on **poverty** and **inequality**, drawing on my expertise in survey methodology, and on the development of Monte Carlo tests for economic and financial hypotheses.

In summary, my research interests are broad and include interdisciplinary topics. My work is mainly situated within four scientific fields: (i) survey methods and sampling methodology; (ii) construction of socio-economic indicators; (iii) official statistics; and (iv) poverty and inequality studies.

My involvement in these communities has been and remains intensive and active, as demonstrated by my publications and by my participation in and organization of events and conferences at both national and international level. Within these communities, I have established numerous international scientific collaborations.

4 Education and training

- (November 2003–October 2006) **PhD in Mathematics and Statistics for Computational Sciences** (SSD MAT/06, CUN Area 01–Mathematics and Computer Science), University of Milan, and **Doctorat en Sciences Mathématiques**, Université Paris 6. The thesis was completed under a joint doctoral programme (cotutelle) between the two universities, with research conducted at both institutions. In particular, I spent approximately seven months in Paris during the 2005/2006 academic year.

Thesis title: Problems of Statistical Inference for Multidimensional Diffusions.

Supervisors: Prof. Vincenzo Capasso (University of Milan) and Prof. Denis Bosq (Université Paris 6).

Final assessment: **Excellent**.

- (September 1998–September 2003) Degree in **Mathematics**, University of Milan; final grade: **110/110 cum laude**.

Thesis title: Analysis of Multivariate Non-Linear Time Series.

Supervisor: Prof. Vincenzo Capasso.

- Courses attended (selection):

- (22 June 2016) *Imputation Methods*, Ton de Waal (Statistics Netherlands) and Rebecca R. Andridge (Ohio State University), Geneva.
- (18 September 2015) *Total Survey Error Framework: Essentials*, Prof. Paul Biemer (RTI International and University of North Carolina) and Prof. Lars Lyberg (University of Stockholm), Baltimore.
- (10 – 11 June 2015) *Bayesian Inference for Sample Surveys*, Prof. Roderick J. Little (University of Michigan), Stockholm.
- (10 – 11 June 2015) *Practical Tools for Nonresponse Bias Evaluation*, Dr Kristen Olson (University of Nebraska-Lincoln), Stockholm.
- (13 – 14 November 2014) *SAS Macro Language 1*, SAS Institute, Milan.
- (11 – 12 November 2013) Course on *Microeconometrics using Stata*, Dr David Drukker (Director of Econometrics, Stata Corporation), University of Bergamo.
- (25 June 2013) *Sampling strategies for domains estimation*, Stefano Falorsi and Paolo Righi (Istat), Milan.
- (16 May 2013) *Sample Weighting: Basics, Boosters and Beyond*, Dr Stas Kolenikov (Abt SRBI) and Dr Trent D. Buskirk (The Nielsen Company), Boston.
- (4 – 6 December 2012) *Panel Analysis*, Prof. Beat Hulliger (University of Applied Sciences Northwestern Switzerland), University of Bergamo.
- (30 November 2012) *Dynamic Modelling for Panel Data*, Prof. Steve Pudney (University of Essex), University of Melbourne.
- (November 2012) *Survey Non Response*, Prof. Jelke Bethlehem (Statistics Netherlands).
- (27 August – 1 September 2012) *Panel data Econometrics: theory and applications*, Bertinoro (FC).

5 Previous positions

- (March 2020 – August 2026) **Associate Professor** of Economic Statistics (GSD 13/STAT-02, SSD STAT-02/A), Department of Economics, University of Bergamo.
- (October 2016 – March 2020) **Tenure-track Assistant Professor** (*Ricercatore, Article 24(3-b)*), Law 240/10), academic field SECS-S/03 (Economic Statistics), Department of Management, Economics and Quantitative Methods, University of Bergamo.
- **Postdoctoral Research Fellow** (*Article 22 of Law 240/2010*), Department of Management, Economics and Quantitative Methods, University of Bergamo. One-year fellowship renewed for a further two years and subsequently extended by five months (44 months in total), for the project *Statistical methods for web surveys and online panels and data analysis models Statistical methods for web surveys and online panels and data analysis models* (Principal Investigator: Prof. S. Biffignandi), SSD SECS-S/03.
- **Postdoctoral Research Fellow** (*Article 51(6) of Law 449/97*), Faculty of Economics, University of Bergamo. One-year fellowship renewed for a further two years (38 months in total), for the project *Statistical models and indicators for the study of factors related to education/training on competitiveness* (Supervisor: Prof. S. Biffignandi), SSD SECS-S/03.

6 Institutional, administrative and evaluation activities

6.1 Institutional appointments

- (Since May 2025) Member of the **Research Integrity and Ethics Committee**, University of Bergamo.

- (October 2020–April 2025) Member of the **Research Quality Assurance Committee**, Department of Economics, University of Bergamo.
- (Since 2023) **Vice-Director** of the Degree Programme Board in Economics and Data Analysis, Department of Economics, University of Bergamo.
- (Since 2021) **EMOS Programme Coordinator** (European Master in Official Statistics) for the Master’s degree programme in Economics and Data Analysis (EDA), University of Bergamo.
- (Since 2020) Member of the Degree Programme Board in Economics and Data Analysis, Department of Economics, University of Bergamo.
- (2017 – 2020) Member of the Degree Programme Board in International Management, Entrepreneurship and Finance, Department of Management, Economics and Quantitative Methods, University of Bergamo.

6.2 Selection and evaluation committees

- **PhD programme:** Member of the admissions committee for the PhD programme in Economics, Statistics and Data Science, University of Milano-Bicocca (2026).
- **Tenure-track Assistant Professor (RTDb):** Committee member (University of Florence, 2023); committee member (University of Macerata, 2025).
- **Fixed-term Assistant Professor (RTDa):** Committee Chair (University of Bergamo, 2024); committee member (University of Palermo, 2023); committee member (University of Palermo, 2022); committee member (University of Milano-Bicocca, 2021).
- **Research contract:** Committee member (Carlo Cattaneo University–LIUC, 2025).
- **Expert** in citizen-generated data (ref. CITIZEN-2025, Istat, Rome, 2025): Committee Chair.
- **Senior Researcher**, Professional Level II (ref. PR-2018, Istat, Rome, 2021): Committee member.

7 Teaching activities

7.1 Teaching in degree programmes

Bachelor’s degree courses

Instructor responsible for the following courses (lectures, office hours and student support, and participation in examination boards):

- (A.Y. 2014/2015 and A.Y. 2015/2016) *Economic Statistics II*, Department of Economics, Quantitative Methods and Business Strategy, University of Milano-Bicocca [6 ECTS credits–42 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2009/2010) *Statistics I*, Faculty of Economics, University of Bergamo–Treviglio [6 ECTS credits–48 hours], SSD STAT-01–Statistics.

Master's degree courses

Instructor responsible for the following courses (lectures, office hours and student support, and participation in examination boards):

- (since A.Y. 2026/2027) *Data Production and Analysis*, Master's Degree in *Economics and Data Analysis (EDA)*, Department of Economics, University of Bergamo [6 ECTS credits–48 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2024/2025 and A.Y. 2025/2026) *Text Mining and Analysis (in the Humanities)*, Master's Degree in *Text Sciences and Culture Enhancement in the Digital Age*, Department of Foreign Languages, Literatures and Cultures, University of Bergamo [6 ECTS credits–36 hours], SSD STAT-02/A–Economic Statistics.
- (since A.Y. 2024/2025) *Statistics for Accounting*, Master's Degree in *Accounting, Governance and Sustainability*, Department of Management, University of Bergamo [4.5 ECTS credits–36 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2023/2024) *Statistics for Accounting*, Master's Degree in *Accounting, Governance and Sustainability*, Department of Management, University of Bergamo [9 ECTS credits–72 hours], SSD STAT-02/A–Economic Statistics.
- (since A.Y. 2023/2024) *Statistics for Management*, Master's Degree in *International Management and Marketing*, Department of Management, University of Bergamo [6 ECTS credits–48 hours], SSD STAT-02/A–Economic Statistics.
- (since A.Y. 2020/2021) *Text Mining and Sentiment Analysis*, Master's Degree in *Economics and Data Analysis (EDA)* / *Data Science curriculum*, Department of Economics, University of Bergamo [6 ECTS credits–48 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2020/2021 – A.Y. 2025/2026) *Data Production and Analysis–Module 2*, Master's Degree in *Economics and Data Analysis (EDA)*, Department of Economics, University of Bergamo [3 ECTS credits–24 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2020/2021 – A.Y. 2022/2023) *Statistics for Management*, Master's Degree in *Management, Marketing and Finance*, Department of Management, University of Bergamo [9 ECTS credits–72 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2019/2020) *Data Production and Analysis–Module 2*, Master's Degree in *Economics and Data Analysis (EDA)*, Department of Management, Economics and Quantitative Methods, University of Bergamo [4.5 ECTS credits–36 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2016/2017 – A.Y. 2019/2020) *Statistics for Management*, Master's Degree in *International Management, Entrepreneurship and Finance*, Department of Management, Economics and Quantitative Methods, University of Bergamo [9 ECTS credits–72 hours], SSD STAT-02/A–Economic Statistics.
- (A.Y. 2012/2013) *Probability and Statistics for Business and Finance*, Faculty of Economics, University of Bergamo [3 ECTS credits–24 hours], SSD STAT-01–Statistics.

Tutorials and practical classes

- (A.Y. 2009/2010) *Advanced Business Statistics*, taught by Prof. Biffignandi, Faculty of Economics, University of Bergamo.
- (A.Y. 2005/2006 – A.Y. 2008/2009) *Business Statistics*, taught by Prof. Biffignandi, Faculty of Economics, University of Bergamo.

- (A.Y. 2007/2008 and A.Y. 2009/2010) *Economic Statistics and Market Analysis*, taught by Prof. Biffignandi, Faculty of Economics, University of Bergamo.
- (A.Y. 2010/2011) *Applied Statistics*, taught by Prof. Biffignandi, Faculty of Economics, University of Bergamo.
- (A.Y. 2013/2014 – A.Y. 2015/2016) *Econometrics*, taught by Prof. Urga, Department of Management, Economics and Quantitative Methods, University of Bergamo.
- (A.Y. 2006/2007 – A.Y. 2008/2009) *Econometrics*, taught by Prof. Urga, Faculty of Economics, University of Bergamo.
- (A.Y. 2010/2011) *Statistics 2*, taught by Prof. Bertoli-Barsotti, Faculty of Economics, University of Bergamo.
- (A.Y. 2006/2007 – A.Y. 2009/2010) *Advanced Statistics*, taught by Prof. Bertoli-Barsotti, Faculty of Economics, University of Bergamo.
- (A.Y. 2006/2007) Practical classes for *Probability and Mathematical Statistics*, taught by Prof. Piazza, Polytechnic University of Milan.
- (A.Y. 2004/2005 – A.Y. 2007/2008) *Fundamentals of SAS Statistical Software*, within the courses Economic Statistics and Market Analysis and Business Statistics taught by Prof. Biffignandi, Faculty of Economics, University of Bergamo.
- (A.Y. 2004/2005 and A.Y. 2005/2006) Laboratory classes for *Probability and Mathematical Statistics 2*, taught by Prof. Micheletti, Department of Mathematics, University of Milan.

7.2 Teaching in PhD programmes

Instructor for the following PhD courses:

- (A.Y. 2015/2016) *Imputation Methods*, PhD School in Analytics for Economics and Business, University of Bergamo in partnership with the University of Brescia.
- (A.Y. 2012/2013) *Quantitative Approaches*, PhD in Strategic Marketing and Business Administration, Department of Management, Economics and Quantitative Methods, University of Bergamo.
- (A.Y. 2011/2012) *Quantitative Approaches*, PhD in Strategic Marketing and Business Administration, Department of Business Administration, University of Bergamo.
- (A.Y. 2013/2014 and A.Y. 2014/2015) *Stochastic Processes*, PhD School in Analytics for Economics and Business, University of Bergamo in partnership with the University of Brescia.
- (A.Y. 2010/2011 – A.Y. 2012/2013) *Stochastic Processes*, PhD School in Economics, Applied Mathematics and Operational Research, Department of Mathematics, Statistics, Computer Science and Applications, University of Bergamo.
- (A.Y. 2008/2009 – A.Y. 2010/2011) *Statistics for Research*, PhD in Logistics and Supply Chain Management, Department of Business Administration, University of Bergamo.
- (A.Y. 2007/2008) *Using the SAS Statistical Package*, PhD in Marketing for Business Strategies, Department of Business Administration, University of Bergamo.

7.3 Other teaching and training activities

- (12–14 October 2015) Instructor for *Introduction to SAS for the Statistical Offices of Local Authorities*, organized by the School of the Italian Statistical Society (SIS), Milan.
- (A.Y. 2005/2006) Instructor for *Business Statistics* within the 2004 ESF–IFTS programme entitled “Higher Technician for Product and Process Quality Systems”.
- TQP courses (Teaching Quality Program)
 - (A.Y. 2020/2021 and A.Y. 2021/2022) *Introduction to Text Mining*, Department of Management, University of Bergamo [8 hours].
 - (A.Y. 2020/2021 and A.Y. 2021/2022) *Survey Methods*, Department of Economics, University of Bergamo [4 hours].
 - (A.Y. 2020/2021 and A.Y. 2021/2022) *Introduction to Stata*, Department of Management, University of Bergamo [12 hours].
 - (A.Y. 2016/2017) Preparatory course in *Basic Statistics*, Master’s Degree in *Economics and Global Markets*, Department of Management, Economics and Quantitative Methods, University of Bergamo [10 hours].
 - (A.Y. 2015/2016) *Introduction to Stata for Economic Analysis*, Department of Management, Economics and Quantitative Methods, University of Bergamo [24 hours].
 - (A.Y. 2014/2015 and A.Y. 2015/2016) *Multivariate Statistics with R*, Department of Management, Economics and Quantitative Methods, University of Bergamo [20 hours].

7.4 Supervision of degree theses

- Since 2018/2019: supervisor of more than 30 Master’s theses, both methodological and applied, at the University of Bergamo.
- Since 2018/2019: supervisor of five Bachelor’s final reports at the University of Bergamo.
- Student awards:
 - Anna Scaccabarozzi (student in the Master’s Degree in Economics and Data Analysis–EMOS curriculum) won the *EMOS Master Thesis Competition*, which recognizes the best Master’s theses produced by students in the EMOS (European Master in Official Statistics) network. Thesis title: “Measuring competitiveness: a new composite indicator for Italian municipalities”.

7.5 Thesis evaluation

- (October 2024) *EMOS Master Thesis Competition*: thesis evaluation for the award.

7.6 Membership of PhD programme boards

- (Since November 2025) Member of the Faculty Board of the **PhD in Economics, Statistics and Data Science (ECOSTATDATA)**, University of Milano-Bicocca, 41st and 42nd cycles.
- (Since October 2022) Member of the Faculty Board of the **PhD in Applied Economics and Management (AEM)**, University of Bergamo and University of Pavia (38th cycle).

8 Research activities

8.1 Research topics and publications

My scientific contributions span several research fields, with significant interaction among them. My main research interests can be summarized as follows:

- (i) Survey methods and sampling methodology
Main contributions: [2], [4], [8], [10], [11], [12], [14], [16], [17], [19], [21], [27], [28], [31], [60], [62]
- (ii) Construction of socio-economic indicators
Main contributions: [2], [3], [6], [7]
- (iii) Official statistics
Main contributions: [1]
- (iv) Poverty and inequality studies
Contributions: [61]
Projects: PRIN 2022 PNRR “MYPEOPLE: Measuring inequalitY, PovErty and living cOnditions for Planning Local stratEgies”
- (v) Decomposition methods for studying changes in economic phenomena, particularly employment
Main contributions: [5], [13], [15], [20]

These topics have been addressed from both theoretical and practical perspectives, combining methodological aspects with applications to real-world problems. In the list of research topics, publications are referenced by their numbering in the list provided in Section 9.

8.2 Research projects

1. **Member** of the research project “Measuring inequalities in well-being: a multidimensional approach”, within Istat’s thematic research projects, August 2026–April 2028.
2. PRIN 2022 PNRR–**Local Principal Investigator** for the University of Bergamo in the PRIN (Projects of Relevant National Interest) 2022 NRRP (National Recovery and Resilience Plan) project “MYPEOPLE: Measuring inequalitY, PovErty and living cOnditions for Planning Local stratEgies”; National Coordinator: Prof. G. Betti; project code P2022J7TJ3_04; November 2023–February 2026; EUR 41,853.
3. **Member** of the research project “Agroalimentary Demographic Panel of Lombardy (PAADEL)”, funded by the Lombardy Region; Principal Investigator: Prof. S. Biffignandi; 2011–2012.
4. **Member** of COST Action IS1004 “WEBDATANET: Web-based data-collection, methodological challenges, solutions and implementation”, 2011–2015.
5. **Principal Investigator** for the following annual projects (University Research Funds, former 60% scheme) awarded by the University of Bergamo:
 - 2026: “The use of new data and socio-economic analyses”, EUR 4,278.
 - 2025: “New data and the construction of socio-economic indicators”, EUR 5,628.
 - 2024: “New data and new methods for the production of economic statistics”, EUR 5,229.
 - 2023: “Smart Data: approaches and methods for designing the integration of information-generation and decision-making processes”, EUR 4,378.

- 2022: “New data sources and the construction of socio-economic statistics”, EUR 4,344.60.
 - 2021: “Technological innovation and the construction of socio-economic indicators”, EUR 4,939.30.
 - 2020: “Construction of innovative socio-economic indicators”, EUR 3,900.
 - 2019: “Economic indicators and technological innovations”.
 - 2018: “Economic statistics and technology”.
 - 2017: “Survey redesign”.
6. Member of the following annual projects (University Research Funds, former 60% scheme) awarded by the University of Bergamo (Principal Investigator: Prof. S. Biffignandi):
- 2016: “Integration of data sources and redesign of data-generation and survey processes”.
 - 2015: “Statistical information and quality for society and the economy in the era of technology and innovation”.
 - 2014: “New approaches to the analysis of complex scenarios”.
 - 2013: “The web and social networks as tools for surveys and panel construction”.
 - 2011: “Methods for designing online surveys and panels to collect socio-economic information and develop new indicators”.
 - 2010: “Tools and methods for improving quality and the use of new technologies in surveys”.
 - 2009: “Data and models for competitiveness analysis”.
 - 2008: “Statistical measurement methods for services”.
 - 2007: “Indicators and statistical models for the analysis of entrepreneurship”.
 - 2005: “Problems in the definition, classification and statistical analysis of educational and training outcomes in relation to labour-market needs”.
7. **Funding received to host international researchers:** responsibility for research funds awarded by the University of Bergamo to support research visits at the University of Bergamo by the following international academics: Prof. Natalie Shlomo (University of Manchester), Prof. Olga Maslovskaya (University of Southampton), Prof. Lynda Khalaf (Carleton University, Canada), Prof. Jean-Marie Dufour (McGill University, Canada).

8.3 Invited presentations at conferences and workshops

1. (22 – 25 June 2026) *The roles and impact of digital trace data in survey research*, 53rd Scientific Meeting of the Italian Statistical Society (SIS 2026), Rome, invited session *Harnessing Emerging Data for Survey Statistics*.
2. (1 – 4 July 2025) *Multiple Frame Estimation with Administrative and Volunteer Panel Data*, ITACOSM 2025–IASS Satellite Conference of the World Statistics Congress 2025, Bologna, invited session *Correcting for selection bias in nonprobability samples*.
3. (18 – 21 June 2019) *Social media data for social indicators: assessing the quality through case studies*, SIS 2019–“Smart Statistics for Smart Applications”, Università Cattolica del Sacro Cuore, Milan, invited session *Smart survey methods and applications*.
4. (2 October 2017) *Implementing Innovative Survey Designs*, Conference celebrating Statistics Day 2017 “Social Statistics in and for a changing Europe”, Vienna.

5. (14 – 16 June 2017) *Adaptive Survey Design with (web) mode as a design feature*, 5th Italian Conference on Survey Methodology (ITACOSM 2017), Bologna, invited specialist session *Adaptive sample designs*.
6. (8 – 10 October 2015) *M-quantile regression: diagnostics and parametric representation of the model*, 10th Meeting of the Classification and Data Analysis Group (CLADAG 2015), Santa Margherita di Pula (Italy), solicited session *Advances in quantile regression*.
7. (26 – 28 June 2013) *Responsive Design for mixed-mode Panel Data*, 3rd Italian Conference on Survey Methodology (ITACOSM 2013), Milan, invited session *Web Surveys and Web Panels*.

8.4 Other presentations at conferences and workshops

8. (5 – 9 October 2025) *Household Well-being and Horizontal Inequality: A Comparative Study of Lombardy, Tuscany, and Campania*, 65th World Statistics Congress (WSC 2025), The Hague, Netherlands.
9. (8 May 2025) *Inner Areas in Lombardy: an Analysis of Vulnerability*, International Workshop on the PRIN-PNRR research project MYPEOPLE, Siena.
10. (9 – 11 January 2025) *Inner Areas in Lombardy: An Analysis of Vulnerability*, International Conference on Sustainability Analysis (ICSA 2025), Florence.
11. (16 – 20 July 2023) *Targeted timing of mail invitation: impact on web surveys response rate and response speed*, 64th World Statistics Congress (WSC 2023), Ottawa, Canada.
12. (10 – 12 June 2019) *Social media data for social indicators: assessing the quality through case studies*, International Total Survey Error Workshop “Integration of surveys and alternative data sources” (ITSEW 2019), University of Bergamo, Bergamo.
13. (23 – 24 May 2019) *Work-life balance and gender differences in Europe*, 56th SIEDS Scientific Meeting “Benessere e territorio: metodi e strategie”, Ascoli Piceno.
14. (24 – 25 May 2018) *Telework and quality of life*, 55th SIEDS Scientific Meeting, Varese.
15. (6 – 7 November 2017) *The impact of day of mailing on web survey response rate and response speed*, 5th Workshop Advances in Adaptive and Responsive Survey Design, University of Michigan (Ann Arbor).
16. (12 – 14 June 2017) *Integrating a refreshment sample in a longitudinal panel*, International Total Survey Error Workshop (ITSEW 2017), Nuremberg.
17. (7 – 9 April 2017) *Monte Carlo Tests with Non-Identifiable Parameters, with Application to Simultaneous Equations*, New York Camp Econometrics XII (CAMP 2017), Lake Placid (US).
18. (14 – 16 March 2017) *Integrating a refreshment sample in a longitudinal survey: effects of different weighting methods over four waves*, New Techniques and Technologies for Statistics (NTTS 2017), Brussels.
19. (25 – 26 November 2016) *Monte Carlo Tests with non-identifiable parameters, with application to simultaneous equations*, 5th International Conference in Memory of Carlo Giannini, Bergamo.
20. (20 – 23 June 2016) *Redesigning surveys and the data collection process using administrative data*, Fifth International Conference on Establishment Surveys (ICES 2016), Geneva.
21. (8 – 10 June 2016) *Multifactor Partitioning: an analysis of employment and firm size*, 48th Scientific Meeting of the Italian Statistical Society (SIS 2016), Salerno.

22. (14 – 15 July 2016) *Estimation and Testing in M-quantile Regression with application to small area estimation*, Workshop on Recent Advances in Quantile and M-quantile Regression, Pisa.
23. (12 – 13 September 2016) *Combining p-values to test for multiple structural breaks in cointegrated regressions*, 18th OxMetrics Conference, London.
24. (9 – 10 November 2015) *Targeted letters in longitudinal surveys*, 4th Workshop Advances in Adaptive and Responsive Survey Design, University of Manchester (UK).
25. (19 – 22 September 2015) *Mixed mode design with web component in longitudinal studies*, International Total Survey Error Conference (TSE 2015), Baltimore (US).
26. (21 – 23 July 2015) *The representativity of a panel for the general population*, Understanding Society’s Scientific Conference 2015, University of Essex, Colchester.
27. (24 – 26 June 2015) *Web-respondent-driven sampling*, 4th Italian Conference on Survey Methodology (ITACOSM 2015), Rome.
28. (26 – 28 May 2015) *Moving to the web: data quality and other issues*, Webdatanet Conference 2015, Salamanca.
29. (9 – 13 March 2015) *Targeted design in surveys and longitudinal studies*, New Techniques and Technologies for Statistics (NTTS 2015), Brussels.
30. (1 – 3 December 2014) *Web-respondent-driven sampling*, 7th Internet Survey Methodology Workshop (ISM 2014), Bolzano.
31. (23 – 25 July 2014) *The process of representativity of a Mixed-Mode Panel Survey*, VI European Congress of Methodology (EAM 2014), Utrecht.
32. (9 – 10 December 2013) *Population based R-Indicators for Monitoring and Improving Representativeness of Response*, 3rd Workshop Advances in Adaptive and Responsive Survey Design, CBS, Heerlen (Netherlands).
33. (15 – 19 July 2013) *Developing weights for wage-related probability and non-probability web surveys—an exploration for the Netherlands*, 5th Conference of the European Survey Research Association (ESRA 2013), Ljubljana.
34. (15 – 19 July 2013) *Investigating Mode Effect and possible Adjustments in Mixed-Mode Surveys*, 5th Conference of the European Survey Research Association (ESRA 2013), Ljubljana.
35. (16 – 19 May 2013) *Responsive design for web panel data collection*, 68th Annual Conference of the American Association for Public Opinion Research (AAPOR 2013), Boston (US).
36. (4 – 6 March 2013) *Innovation in Data Collection: the Responsive Design Approach*, General Online Research Conference (GOR 2013), Mannheim (Germany).
37. (17 December 2012) *L’indagine sull’innovazione nelle imprese e nei consumi: alcuni risultati*, Conference “Innovazione nell’alimentazione e bevande”, University of Bergamo.
38. (14 – 16 November 2012) *Challenges and pitfalls of measuring wages via web surveys—some explorations*, 6th Internet Survey Methodology Workshop (ISM 2012), Ljubljana (Slovenia).
39. (20 – 22 June 2012) *Small Area Estimation for Panel Data*, 46th Scientific Meeting of the Italian Statistical Society (SIS 2012), Sapienza University of Rome.
40. (17 – 19 May 2012) *Measuring and analyzing performance in longitudinal data*, Methods and Models for Latent Variables (MMLV 2012), Naples.

41. (7 – 9 September 2011) *Web panel representativeness and uses*, 8th Scientific Meeting of the Classification and Data Analysis Group of the Italian Statistical Society (CLADAG 2011), Pavia.
42. (18 – 22 July 2011) *Applying Maximum Entropy weighting to on line panel data collection*, European Survey Research Association (ESRA 2011), Lausanne.
43. (27 – 29 June 2011) *Sampling new businesses and analysing their performances*, Italian Conference on Survey Methodology (ITACOSM 2011), Pisa.
44. (15 – 18 June 2011) *An Index of Entrepreneurship Measure*, The 56th ICSB World Conference (ICSB 2011), Stockholm.
45. (9 June 2010) *Entrepreneurship factors*, Kauffman Firm Survey Workshop, Lausanne.
46. (19 – 21 November 2009) *Modeling some Entrepreneurship factors*, Challenges for Analysis of the Economy, the Businesses, and Social Progress, Szeged (Hungary).
47. (15 – 17 September 2005) *Estimation and Prediction of a Nonlinear Model for Price Herd-
ing*, Modelli Complessi e Metodi Computazionali intensivi per la Stima e la Previsione, Bressanone.

8.5 Invited seminars

48. (22 October 2026) Seminar in the series on the present and future of official statistics, organized by the Italian National Institute of Statistics (Istat), Palazzo Esposizioni, Rome.
<https://www.istat.it/evento/ciclo-di-seminari-sul-presente-e-sul-futuro-della-statistica-ufficiale/>
49. (31 March 2021) *Web-Face-to-Face Mixed-Mode design and attrition in longitudinal surveys: some evidence from the UK Household Longitudinal Study*, seminar in the Methods and Research Meetings series, FORS (Swiss Centre of Expertise in the Social Sciences, Lausanne).
50. (19 October 2012) *Challenges and pitfalls of measuring wages via web surveys–some consolidations for The Netherlands*, seminar at the University of Bergamo.
51. (14 June 2012) *Challenges and pitfalls of measuring wages via web surveys–some explorations*, seminar at the Amsterdam Institute for Advanced Labour Studies, Amsterdam.

8.6 Research visits abroad for scientific collaboration

The following research visits abroad were undertaken to collaborate with international colleagues:

- (13 – 18 January 2020) Trier University, Trier (Germany), within the INGRID2 network. Collaboration with Prof. Ralf Münnich.
- (9 – 12 April 2017) McGill University, Montreal (Canada). Collaboration with Prof. Jean-Marie Dufour and Prof. Lynda Khalaf.
- (24 March – 29 April 2015) ISER Institute for Social and Economic Research (University of Essex), Colchester (Short Term Scientific Mission–STSM–within COST Action IS1004 Webdatanet). Collaboration with Prof. Peter Lynn.
- (27 May – 22 June 2013) CCSR School of Social Sciences (University of Manchester), Manchester (Short Term Scientific Mission–STSM–within COST Action IS1004 Webdatanet). Collaboration with Prof. Natalie Shlomo.
- (22 May – 16 June 2012) Amsterdam Institute for Advanced Labour Studies, Amsterdam (Short Term Scientific Mission–STSM–within COST Action IS1004 Webdatanet). Collaboration with Dr Stephanie Steinmetz and Prof. Kea Tijdens.

8.7 Elected positions in international and national scientific committees

- (Since 2026) **Deputy Coordinator of the Executive Committee** of the Sample Survey Group (S2G) of the Italian Statistical Society, devoted to sample survey methodology. <https://www.sis-statistica.it/index.php?p=9952>.
- (2024 – 2026) **Board Member** of the European Master in Official Statistics (EMOS), organized by Eurostat and the European Statistical System. <https://cros.ec.europa.eu/book-page/emos-board-members>.
- (2023 – 2025) **Vice-President** of the International Association of Survey Statisticians (IASS), International Statistical Institute (ISI). <https://isi-iass.org/home/past-committees/>.
- (Since 2024) **Elected Member** of the International Statistical Institute (ISI), “This certificate is awarded to elected members in recognition of their significant contributions to the statistical profession”. <https://isi-web.org/article/third-round-newly-elected-members-2024>
- (2018 – 2021) **Member of the Executive Committee** of the Sample Survey Group (S2G) of the Italian Statistical Society, devoted to sample survey methodology.

8.8 Fellowships

- (Since 2018) **Associate** of the Institute for Social and Economic Research (ISER, University of Essex). <https://www.iser.essex.ac.uk/research-associates>
- (Since 2017) **Research Fellow** at Carleton University (Ottawa, Canada).
- (2015 – 2020) **Research Fellow** at CASS Business School (London, UK).

8.9 Editorial and reviewing activities

- (Since July 2025) **Section Editor** for *Rivista Italiana di Economia Demografia e Statistica*. <https://www.rieds-journal.org/rieds/about/editorialTeam>
- (2022 – 2025) **Associate Editor** of *Statistical Methods & Applications* (SMA).
- (2023 – 2025) **Section Editor** for the *New and Emerging Methods* section of *The Survey Statistician* (TSS).
- (2024 – 2025) **Guest Editor** for the special issue of the *International Journal of the International Association of Official Statistics (IJOAOS)*, “Innovations in Statistics”, associated with the New Techniques and Technologies for Statistics Conference (NTTS 2025), Brussels, 11 – 13 March 2025.
- **Referee** for the following journals (selection, alphabetical order): Ecological Indicators (ECOLIND), Empirical Economics (EE), Field Methods (FM), International Statistical Review (ISR), Journal of Official Statistics (JOS), Journal of the Royal Statistical Society–Series A (JRSS-SA), Metron, Papers in Regional Science (PIRS), Social Indicators Research (SOC), Sociological Methods and Research (SMR), Statistical Methods & Applications (SMA), Survey Methodology (SMJ), Survey Research Methods (SRM).

8.10 Organization of conferences and workshops

Chair/Co-chair of the Scientific Committee / Organizer

- (23 January 2026) Chair of the Local Organizing Committee for the final workshop of the PRIN 2022 PNRR project *MYPEOPLE: Measuring inequality, Poverty and living conditions for Planning Local strategies*, entitled *Deprivazione e vulnerabilità a livello locale*, University of Bergamo.

- (10 – 12 June 2019) Co-chair and member of the Programme Committee of the *International Total Survey Error Workshop* (ITSEW 2019), University of Bergamo.

Member of the Scientific / Organizing Committee

- (29 June – 2 July 2027) Scientific Committee of the *Italian Conference on Survey Methodology* (ITACOSM 2027), Cremona.
- (15 – 19 March 2027) Scientific Committee of the *New Techniques and Technologies for Statistics* Conference (NTTS 2027), Brussels. <https://cros.ec.europa.eu/ntts2027>
- (23 January 2026) Scientific Committee of the final workshop of the PRIN 2022 PNRR project *MYPEOPLE: Measuring inequality, Poverty and living conditions for Planning Local strategies*, entitled *Deprivazione e vulnerabilità a livello locale*, University of Bergamo.
- (20 – 21 November 2025) Local organization of the *EMOS Workshop*, University of Bergamo.
- (11 – 13 March 2025) Scientific Committee of the *New Techniques and Technologies for Statistics* Conference (NTTS 2025), Brussels. <https://cros.ec.europa.eu/ntts2025>
- (16 – 18 June 2025) Programme Committee of the *International Statistical Conference* (SIS 2025) on “Statistics for innovation”, Genoa.
<https://sis2025.sis-statistica.it/program-committee/>
- (1 – 4 July 2025) Programme Committee of the *Italian Conference on Survey Methodology (ITACOSM 2025)–IASS Satellite Conference* on “Shaping the future of survey statistics in the data-driven era”, Bologna. <https://eventi.unibo.it/itacosm-2025>
- (16 – 18 December 2023) Scientific Programme Committee of the *16th International Conference of the ERCIM WG on Computational and Methodological Statistics* (CMStatistics 2023), HTW Berlin, University of Applied Sciences, Berlin.
- (8 – 10 June 2022) Programme Committee of the *7th Italian Conference on Survey Methodology* (ITACOSM 2022), Perugia.
- (24 September/1 October/8 October 2021) Programme Committee of the *International Total Survey Error Workshop* (ITSEW 2021), online.
- (5 – 7 June 2019) Programme Committee of the *6th Italian Conference on Survey Methodology* (ITACOSM 2019), Florence.
- (20 – 22 June 2018) Programme Committee of the *49th SIS Scientific Meeting*, Palermo.
- (4 – 6 June 2018) Programme Committee of the *International Total Survey Error Workshop* (ITSEW 2018), Duke University, Durham (US).
- (13 – 15 September 2017) Local Committee of the *11th Meeting of the Classification and Data Analysis Group* (CLADAG 2017), University of Milano-Bicocca.
- (22 – 23 January 2013) Organizing Committee of the workshop *Webdatametrics I: the visual and the hidden in web-based data collection: images, perception, paradata and non-reactive data*, University of Bergamo.

Organizer and chair of invited sessions

- (22 – 25 June 2026) Organizer and chair of the solicited invited session *Measuring multidimensional inequalities*, 53rd Scientific Meeting of the Italian Statistical Society (SIS 2026), Rome.
- (11 – 13 March 2025) Organizer and chair of the invited session *Combining probability and non-probability samples*, New Techniques and Technologies for Statistics (NTTS 2025), Brussels.
- (1 – 4 July 2025) Organizer and chair of the invited session *Multiple frame surveys in the context of new data sources*, Italian Conference on Survey Methodology (ITACOSM 2025)–IASS Satellite Conference, Bologna.
- (7 – 8 February 2024) Organizer of the invited session *New data for the production of economic statistics*, 2nd Italian Conference on Economic Statistics, University of Florence.
- (16 – 18 December 2023) Organizer of the invited organized session *Using social media to enhance survey research*, 16th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMStatistics 2023), HTW Berlin, University of Applied Sciences, Berlin.
- (17 – 19 December 2022) Organizer of the invited organized session *Text analysis for complex data*, 15th International Conference of the ERCIM WG on Computational and Methodological Statistics (CMStatistics 2022), King’s College London.
- (8 – 10 June 2022) Organizer of the invited session *Smart surveys and new data sources*, 7th Italian Conference on Survey Methodology (ITACOSM 2022), Perugia.
- (17 June 2021) Organizer and chair of the session *The impact of Covid-19 on survey methods*, satellite event “Covid-19: the urgent call for a unified statistical and demographic challenge” at the 50th Scientific Meeting of the Italian Statistical Society.
- (5–7 June 2019) Organizer and chair of the invited session *Machine learning for socio-economic surveys*, 6th Italian Conference on Survey Methodology (ITACOSM 2019), Florence.
- (16 December 2015) Organizer of the seminar *Exchange rates and commodity process: measuring causality*, presented by Jean-Marie Dufour at the University of Bergamo.

Discussant for invited sessions

- (21 – 23 June 2023) Discussant for the invited session *Machine learning: different uses and perspectives*, SIS 2023–“Statistical Learning, Sustainability and Impact Evaluation”, Ancona.
- (26 February 2021) Discussant for the session *Innovation, productivity and welfare*, “Statistics and Information Systems for Policy Evaluation” Conference of the Association for Applied Statistics (ASA).

8.11 Collaborations and consultancy

- (1 December 2022) Participation in the **2021–23 Peer Review** on implementation of the European Statistics Code of Practice at the Italian National Institute of Statistics (Istat), representing the scientific community and providing an opinion on the production and dissemination of statistics and the use of the resulting data.

8.12 Awards and grants

- (13 –18 January 2020) Grant within the **INGRID2 network** for a visit to Trier University.
- (December 2017) Grant FFABR 2017, *Fondo per il finanziamento delle attività di ricerca di base*. The fund has been granted by the Italian Ministry of Education, University and Research, EUR 3,000.
- (2015) Winner of the **Innovation Panel Competition** to implement a new experiment in Wave 9 of the Understanding Society Innovation Panel.
- (24 March – 29 April 2015) **COST Action IS1004 Webdatanet** grant for a Short Term Scientific Mission (STSM) at the ISER Institute for Social and Economic Research (University of Essex).
- (January 2013) **Conference Grant** for early-career researchers from COST (European Co-operation in Science and Technology)–ISCH Domain–to attend the 68th Annual Conference of the American Association for Public Opinion Research (AAPOR).
- (27 May – 22 June 2013) **COST Action IS1004 Webdatanet** grant for a Short Term Scientific Mission (STSM) at the CCSR School of Social Sciences (University of Manchester).
- (22 May – 16 June 2012) **COST Action IS1004 Webdatanet** grant for a Short Term Scientific Mission (STSM) at the Amsterdam Institute for Advanced Labour Studies.
- (2003 – 2006) **PhD scholarship** in Mathematics and Statistics for Computational Sciences, Department of Mathematics “F. Enriques”, University of Milan.

8.13 Scientific societies

- (Since 2025) Working Group of the Italian Statistical Society, Statistical Measurement for Economic Analysis (SMEA)
- (Since 2021) International Statistical Institute (ISI)
- (Since 2021) International Association of Survey Statisticians (IASS), International Statistical Institute (ISI)
- (Since 2018) Italian Society of Economics, Demography and Statistics (SIEDS)
- (Since 2016) Working Group of the Italian Statistical Society on Sample Survey Methodology (S2G)
- (Since 2010) Italian Statistical Society (SIS)

9 Complete list of publications

Articles in peer-reviewed journals

- [1] Maslovskaya, O. and Bianchi, A. (2025), Public Confidence in Official Statistics in the UK: Characteristics of Respondents and Changes Over Time, *Survey Research Methods*, 19(3), 321–334, ISSN: 1864-3361, doi: 10.18148/srm/2025.v19i3.8284.
- [2] Salvatore, C., Biffignandi, S. and Bianchi, A. (2024), Augmenting business statistics information by combining traditional data with textual data: a composite indicator approach, *Metron*, 82, 71–91, ISSN: 0026-1424, doi: 10.1007/s40300-023-00261-4.
- [3] Scaccabarozzi, A., Mazziotta, M. and Bianchi, A. (2024), Measuring competitiveness: a new composite indicator for Italian municipalities, *Social Indicators Research*, 173, 53–82, ISSN: 0303-8300, doi: 10.1007/s11205-022-02990-x.

- [4] Lynn, P., Bianchi, A. and Gaia, A. (2024), The impact of day of mailing on web survey response rate and response speed, *Social Science Computer Review*, 42, 352–368, ISSN: 0894-4393, doi: 10.1177/08944393231173887.
- [5] Bianchi, A., Ray, D.M. and Biffignandi, S. (2023), Shift-Share, Simpson’s Paradox and Multifactor Partitioning, *Italian Journal of Regional Studies*, 1/2023, 27–46, ISSN: 1720-3929, doi: 10.14650/102497.
- [6] Salvatore, C., Biffignandi, S. and Bianchi, A. (2022), Corporate Social Responsibility Activities Through Twitter: from Topic Model Analysis to Indexes Measuring Communication Characteristics, *Social Indicators Research*, 164, 1217–1248, ISSN: 0303-8300, doi: 10.1007/s11205-022-02993-8.
- [7] Bianchi, A. and Biffignandi, S. (2022), Workplace Social Environment Indicator: A Comparative Analysis of European Regions, *Social Indicators Research*, 161, 669–688, ISSN: 0303-8300, doi: 10.1007/s11205-020-02344-5.
- [8] Salvatore, C., Bianchi, A. and Biffignandi, S. (2021), Social Media and Twitter Data Quality for New Social Indicators, *Social Indicators Research*, 156, 601–630, ISSN: 0303-8300, doi: 10.1007/s11205-020-02296-w.
- [9] Bergamelli, M., Bianchi, A., Khalaf, L. and Urga, G. (2019), Combining p-values to test for multiple structural breaks in cointegrated regressions, *Journal of Econometrics*, 211(2), 461–482, ISSN: 0304-4076, doi: 10.1016/j.jeconom.2019.01.013.
- [10] Bianchi, A., Shlomo, N., Schouten, B., Da Silva, D. and Skinner, C. (2019), Estimation of Response Propensities and Indicators of Representative Response Using Population-Level Information, *Survey Methodology*, 45(2), 217–247, ISSN: 0714-0045.
- [11] Bianchi, A. and Biffignandi, S. (2019), Social indicators to explain response in longitudinal studies, *Social Indicators Research*, 141, 931–957, ISSN: 0303-8300, doi: 10.1007/s11205-018-1874-7.
- [12] Bianchi, A., Fabrizi, E., Salvati, N. and Tzavidis, N. (2018), Estimation and Testing in M-quantile Regression with Applications to Small Area Estimation, *International Statistical Review*, 86(3), 541–570, ISSN: 0306-7734, doi: 10.1111/insr.12267.
- [13] Bianchi, A. and Biffignandi, S. (2018), Employment Growth by Firm Size during the Recent Crisis in Italy: A Multifactor Partitioning Analysis, *Growth and Change*, 49(2), 314–338, ISSN: 0017-4815, doi: 10.1111/grow.12247.
- [14] Bianchi, A., Biffignandi, S. and Lynn, P. (2017), Web-Face-to-Face Mixed-Mode Design in a Longitudinal Survey: Effects on Participation Rates, Sample Composition, and Costs, *Journal of Official Statistics*, 33(2), 385–408, ISSN: 0282-423X, doi: 10.1515/jos-2017-0019.
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- [16] Bianchi, A. and Biffignandi, S. (2017), Targeted letters: Effects on sample composition and item non-response, *Statistical Journal of the International Association for Official Statistics*, 33, 459–467, ISSN: 1874-7655, doi: 10.3233/SJI-150191.
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- [18] Lucarelli, S., Andriani, F. and Bianchi, A. (2018), Euro depreciation and trade asymmetries between Germany and Italy versus the US: industry-level estimates, *Applied Economics*, 50(1), 15–34, ISSN: 0003-6846, doi: 10.1080/00036846.2017.1311000.

- [19] Bianchi, A. and Biffignandi, S. (2015), The Paadel Panel: a Probability-based Panel for Consumer Studies, *Italian Journal of Applied Statistics*, 23(3), 307–330, 2011 issue, ISSN: 1125-1964.
- [20] Bianchi, A. and Biffignandi, S. (2015), Decomposing employment change in a crisis period in Italy: a multifactor partitioning approach, *Italian Journal of Applied Statistics*, 24(2), 195–214, 2012 issue, ISSN: 1125-1964.
- [21] Bianchi, A. and Salvati, N. (2015), Asymptotic properties and variance estimators of the M-quantile regression coefficients estimators, *Communications in Statistics–Theory and Methods*, 44(11), 2416–2429, ISSN: 1532-415X, doi: 10.1080/03610926.2013.791375.
- [22] Bianchi, A. and Biffignandi, S. (2012), Measuring and analyzing performance in longitudinal data, *Quaderni di Statistica*, 14, 37–40, ISSN: 1594-3739, ISBN: 978-88-207-5852-3.
- [23] Bianchi, A. and Biffignandi, S. (2012), A new Index of Entrepreneurship Measure, *Journal of Marketing Development and Competitiveness*, 6(4), ISSN: 2155-2843.
- [24] Ortobelli Lozza, S., Angelelli, E. and Bianchi, A. (2011), Financial Applications of Bivariate Markov Processes, *Mathematical Problems in Engineering*, 15 pages, EISSN: 1563-5147, doi: 10.1155/2011/347604.
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- [26] Bianchi A. (2007), Nonparametric Trend Coefficient Estimation for Multidimensional Diffusions, *C. R. Acad. Sci. Paris, Ser. I* 345, 101–105, ISSN: 1631-073X, doi: 10.1016/j.crma.2007.05.012.

Book chapters

- [27] Bianchi, A. and Schouten, B. (2021), Adaptive and responsive design, in *Handbook of Web Surveys, Second Edition* (Biffignandi, S. and Bethlehem, J., eds.), Ch. 8, 291–320, John Wiley & Sons, Hoboken NJ, ISBN: 9781119371687, doi: 10.1002/9781119371717.ch8.
- [28] Bianchi, A. and Biffignandi, S. (2019), Survey experiments on interactions and nonresponse: a case study of incentives and modes, in *Experimental Methods in Survey Research: Techniques that Combine Random Sampling with Random Assignment* (Lavrakas, P.J., Traugott, M.W., Kennedy, C., Holbrook, A.L., de Leeuw, E.D. and West, B.T., eds.), Ch. 4, 69–88, John Wiley & Sons, Hoboken NJ, ISBN: 978-1-119-08374-0, doi: 10.1002/9781119083771.ch4.
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- [32] Bianchi, A. and Biffignandi, S. (2013), Web panel representativeness, in *Statistical Models for Data Analysis* (Giudici, P., Ingrassia, S. and Vichi, M., eds.), 37–44, Springer, Berlin, ISBN 978-3-319-00031-2, doi: 10.1007/978-3-319-00032-9_5.
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- [34] Bianchi A. (2006), Invariant Density Estimation for Multidimensional Diffusions, in *Math Everywhere, Deterministic and Stochastic Modelling in Biomedicine, Economics and Industry* (Aletti, G., Micheletti, A., Morale, D. and Burger, M., eds.), Springer, Heidelberg, 39–50, ISBN: 978-3-540-44445-9, doi: 10.1007/978-3-540-44446-6_4.

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- [35] Bianchi, A., Fabrizi, E., Salvati, N. and Tzavidis, N. (2017), M-quantile regression in small area estimation estimation and testing, in *CLADAG 2017, Book of short papers*, ISBN: 9788899459710.
- [36] Bianchi, A. and Biffignandi, S. (2017), Integrating a refreshment sample in a longitudinal survey: effects of different weighting methods over four waves, in *New Techniques and Technologies for Statistics 2017 Proceedings*, Brussels, March 13–16 2017, Eurostat–European Commission, 1–4, doi: 10.2901/EUROSTAT.C2017.001.
- [37] Bianchi, A. and Biffignandi, S. (2016), Multifactor Partitioning: an analysis of employment and firm size, in *Proceedings of the 48th Scientific Meeting of the Italian Statistical Society*, ISBN: 9788861970618.
- [38] Bianchi, A., Fabrizi, E., Salvati, N. and Tzavidis, N. (2016), M-quantile regression: diagnostics and parametric representation of the model, in *Book of abstracts CLADAG 2015–10th Scientific Meeting of the Classification and Data Analysis Group*, ISBN: 978-88-8467-949-9.
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- [40] Bianchi, A. and Biffignandi, S. (2015), Targeted designs in surveys and longitudinal studies, in *New Techniques and Technologies for Statistics 2015 Proceedings*, Brussels, March 9–13 2015, Eurostat–European Commission, 1–4, doi: 10.2901/EUROSTAT.C2015.001.
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- [46] Angelelli, E., Bianchi, A. and Ortobelli, S. (2010), Some possible applications of bivariate Markov processes, in *Atti Convegno 47th EWGFM*, Prague, 25–34, ISBN: 978-80-248-2351-5.
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PhD thesis

- [50] Bianchi A. (2006), Problems of Statistical Inference for Multidimensional Diffusions, *PhD thesis*, University of Milan and Université Paris 6.

Other publications and posters

- [51] Bianchi, A. and Tessitore, C. (2025), Guest editorial: Innovation in Statistics. A Special Issue on the NTTS 2025 Conference, *Statistical Journal of the IAOS*, 41(4), 982–984, ISSN: 1875-9254, doi: 10.1177/18747655251397211.
- [52] Bianchi, A. (2024), Past Presidents Testimonials on IASS, *The Survey Statistician*, 2024, Vol. 89, 37–46, ISSN: 2521-991X.
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- [56] Biffignandi, S., Salvatore, C. and Bianchi, A. (2019), Social indicators and big data: a case study on social indicators and active citizenship, poster presented at the *New Techniques and Technologies for Statistics 2019* Conference (NTTS 2019), Brussels, 12–14 March 2019.
- [57] Bianchi, A., Fabrizi, E., Salvati, N. and Tzavidis, N. (2017), M-quantile regression: diagnostics and parametric representation of the model, poster presented at the *11th Meeting of the Classification and Data Analysis Group (CLADAG 2017)*, Milan, 13–15 September 2017.
- [58] Bianchi, A. and Biffignandi, S. (2015), Administrative data for the redesign of surveys and re-organization of the data collection process, poster presented at the *Journal of Official Statistics 30th Anniversary Conference*, Stockholm, 10–12 June 2015.
- [59] Bianchi, A., Shlomo, N. and Schouten, B. (2014), R-indicators for monitoring the representativeness of response based on population totals, *SAS* poster.

Submitted articles

- [60] Bianchi, A., Biffignandi, S. and Salvatore, C., The roles and impact of Digital Trace Data in Survey research: opportunities, challenges and future directions. Status: submitted to *International Statistical Review*.
- [61] Bianchi, A., Gigliarano, C., Maiorino, S. and Mammadli, R., Multidimensional Deprivation and Peripherality in Lombardy: A Small-Area Estimation Approach. Status: submitted to *The Annals of Regional Science*.
- [62] Murray, A., Ushakova, A., Bianchi, A., Booth, T. and Lynn, P., Dynamic predictors of attrition in Understanding Society: a large 9-wave population-representative study. Status: revise and resubmit at *Sociological Methods & Research*.
- [63] Bianchi, A., Khalaf, L. and Urga, G., Weak Exogeneity, Cointegration and and Stability Tests. Status: revise and resubmit at *Econometrics and Statistics*.
- [64] Bertazzoni, P., Bianchi, A. and Myftiu, J., Measuring Work Flexibility Across Europe: A Multidimensional Composite Indicator Approach. Status: submitted to *The Annals of Regional Science*.

Work in progress

- [65] Lynn, P., Bianchi, A. and Gaia, A., Targeted timing of mail invitation: impact on web survey response rate and response speed.
- [66] Bianchi, A. and Shlomo, N., Multiple Frame Estimation with Administrative and Volunteer Panel Data.
- [67] Bianchi, A., Dufour, J.-M., Khalaf, L. and Urga, G., Monte Carlo tests with nuisance parameters: general condition for validity.
- [68] Bianchi, A., Dufour, J.-M., Khalaf, L. and Urga, G., Generalized residuals and predictive tests in Monte Carlo setting.

10 Public Engagement

The following public engagement activities were organized or attended:

- (27 October 2022) Organizer of the event *Twelfth Statistics Day* “The contribution of official statistics to sustainable development”, held as a public engagement activity of the Department of Economics (DSE), University of Bergamo.
- (30 May 2018) Seminar at BergamoScienza, Bergamo, entitled *What is Big Data?*.

Bergamo, 2 September 2026

Annamaria Bianchi