**Fine modulo**

**Biagio Aragona**, Ph.D. Social research, is assistant professor in Sociology at the University of Naples Federico II, where he teaches Advanced Methods for Quantitative Research. His research activity is on the use of statistical sources for the analysis of social policies and about the study of the epistemological and methodological challenges and opportunities that big data and others new data offer to social sciences. The results of this last activity has been published in several international and national journals and books and it has reached a wide international audience. He has been fellow of the executive board of the research committee on Methodology of the Italian Sociological Association.

*1.Research activities in national and international per-reviewed projects*

*1.a. PI*

*02/02/17-02/02/19.* Principal Investigator for the research project B-DATA (Big Data Assemblages: Techniques and Actors), selected as the best innovative project in the 14 AREA, funded by the University Federico II of Napoli (37.230 euro). B-DATA aims to inspect the data assemblages of three European data infrastructures: Consortium of European Social Science Data Archives (CESSDA) in Norway; Italian Statistics Institute (ISTAT); Web Science Institute of University of Southampton (UK).

30/11/14- on-going. Principal Investigator for the project "Effects of tenure status on housing and income before and after the crisis", selected by Eurostat for the analysis of the survey EU-SILC "European Union -

Standard Income and Living Conditions". The project aims to understand the effects of the tenure status on living conditions.

*1.b. Member of reserch units*

05/02/2017-05/02/2020 Member of local unit (coord. Prof.ssa Enrica Amaturo) in PRIN 2015 project “Death, Dying and Disposal in Italy. Attitudes, Behaviours, Beliefs, Rituals ”, funded by MIUR, (national coordinator Prof. Asher Colombo).

01/01/2017- 01/12/2018 Coordinator of the field’s activities for the project D.I.A.L.O.G.U.E. (Determined Immigrants And Locals Organize a Global Unique Entrepreneurship) funded by European Commission (European Integration Fund (EIF)).

01/03/2010 – 30/06/2011. Member of the research unit of FARO project “Linking labour, education and social policies: through a regional governance in Campania”, funded by Polo delle Scienze Umane Sociali of University of Naples “Federico II”. (coord: prof. R. Serpieri).

01/01/2009 – 01/08/2010 Member of the research unit SIMURAI1 project on quantitative evaluation of perception and communication of sysmic risk mitigation policies. Funded by Miur, UE and Consorzio TRE (coord: prof. G. Manfredi).

01/11/2007 – 30/07/2008 Member of the research unit “Gender pay gap in Tuscany”, funded by Consiglio della Regione Toscana, Equal Opportunity Commission. (coordinators proff. M.Giannini, R.Bortone, G. Geroldi).

2005/2006 – 2006/2007. Member of local unit (coord. Prof.ssa M. Giannini) in PRIN 2005 project “Social evaluation, occupation and gender as society structuring factors” (national coordinator prof.ssa M. L. Bianco).

2003/2004 –2004/2005; Member of local unit (coord. Prof.ssa E. Amaturo) in PRIN 2003 project “Social evaluation of occupation”, funded by MIUR, (national coordinator prof.ssa M. L. Bianco).

*1.c. Other research activities*

15/09/2010 – 28/12/2011. Temporary researcher at ISTAT, Department of Census and Statistical Archives.

01/05/2009-30/04/2010. Department of Sociology, University of Naples “Federico II”. Post-doc research fellow. Project “Means testing and social policy evaluation”.

03/06/2010 – 15-09-2010 Member of the Fio.psd (Federazione Italiana degli Organismi per i Senza Dimora) research unit of the project “Homeless Census” funded by Ministero della Solidarietà Sociale, Istat and Caritas italiana (coord.: Mauro Pellegrino).

02/03/2009 – 02/06/2010 Member of the ISTAT unit of the project “Enlarging sample of IT-SILC survey” funded by ISTAT and Department of Math and Statistics University of Pisa.

01/11/2007 – 30/09/2008. Principal Investigator for the research project “Time for women: work-family life time balance” funded by Consulta Regionale delle Pari Opportunità della Regione Campania.

*2. Conferences*

*2.a. Chair of organizing committee*

16/02/2016-18/02/2016, University of Naples “Federico II, International conference on “Data Science and Social Research” sponsored by International Sociological Association, Italian Sociological Association, Italian Statistics Association.

14/06/2012-15/06/12, University of Naples “Federico II”. Italian Sociological Association (AIS), Research Committee on “methodology” national conference " Consulting sources 2: an inter-disciplinary debate upon the use of statistical sources".

*2.b. Sessions’ chair*

14/01/2018, University of Naples “Federico II, “Quantitative methods and studies on identity”, organized by Funes, Atelier di ricerca sulla Narrazione e l'Immaginario.

14/09/2016, University of Leicester, 9th International Conference on Social Science Methodology organized by International Sociological Association (ISA) RC33 “Methodology and social statistics” Session title: “New data, new quality? Features of data quality in the “data revolution” era”.

12/07/2016, University of Vienna, 3rd ISA Forum of Sociology “The Future we want: Global Sociology and

the Struggles for a Better World”, organized by the International Sociological Association (ISA).

Session title: “The New data revolution in Sociology: Methodological and Epistemological

Issues”.

18/02/2016, University of Naples “Federico II, International conference on “Data Science and Social Research”, sponsored by International Sociological Association, Italian Sociological Association, Italian Statistics Association. Session title “The Integration of Statistical and Administrative Data Sources to Increase Census and Social Data Availability”.

14/06/2012, University of Naples “Federico II”. Italian Sociological Association (AIS), Research Committee on “methodology” national conference " Consulting sources 2: an inter-disciplinary debate upon the use of statistical sources". Session title "Consulting census: first results from the 15th population and household census”.

*2.c. Presentations of the last three years*

14/06/18, paper accepted, University of Padua, 7th STS Italia Conference “Technoscience from Below”. Presentation title: “Big data assemblages: techniques and actors”.

23/01/18, University of Naples “Federico II”. Workshop on Web Science and Digital Social Sciences, sponsored by the Italian Sociological Association and the British Sociological Association. Presentation Title: “Digital sociology”.

*28/04/17*, University of Milan Bicocca, Italian Sociological Association (AIS), Research Committee on “methodology” national conference “Big Data, Big challenges”. Presentation title: “Policy analysis in the big data age”.

17/02/16, University of Naples “Federico II, International conference on “Data Science and Social Research”, sponsored by International Sociological Association, Italian Sociological Association, Italian Statistics Association. Presentation title “Data Science: The Sociological Point of view”.

25/09/15, University of Rome La Sapienza, Italian Sociological Association (AIS), Research Committee on “methodology” national conference. Presentation title: “Big data o data that are getting bigger?”.

23/09/15, University of Naples “Federico II” con Maria Gabriella Grassia. International conference “CARME-N Correspondence Analysis and Related Methods” Presentation title: “Including covariates in linear discriminant analysis. New media communication strategies for the election campaign Campania regional election 2015”.

*3. Fellowships and visiting*

23/10/2017-27/10/2017. Visiting researcher at the Web Science Institute of the University of Southampton (UK).

19/06/2017-14/07/2017. Visiting researcher at the Departamento de Sociologìa y Comunicaciòn Universidad de Salamanca (ES).

04/05/2017- on-going. Fellow of the Scientific Committee of the book series Open Sociology – Franco Angeli editor.

25/01/17- on-going. Fellow of the Scientific Committee of the book series Sociologica – PM editor.

01/01/2017 – on-going. Referee for the review Sociologia e Ricerca Sociale (class A Anvur).

01/01/2012-01/01/2015. Fellow of the Executive Board of Methodology of the Italian Sociological Association (AIS).

01/03/2002-30/06/2002. Visiting scholar at the statistics directorate of European Commission (EUROSTAT).

4. *Teaching and supervision activities*

4.1 Teaching

11/06/2017-14/06/17. University of Naples “Federico II”, Doctorate in Social Sciences and Statistics, acknowledged by MIUR. Lecturer in “Data and New Data for Social Sciences and Statistics” (8hh.).

a.y.2012/2013- on-going. University of Naples “Federico II”, Bachelor degree in Sociology. Lecturer in “Advanced methods for quantitative research” (63hh.).

a.y.2012/2013-a.y. 2016-2017. University of Naples “Federico II”, Bachelor degree in Digital culture. Lecturer in “Social research methods” (63hh.).

a.y.2007/2008-a.y. 2012/2013. University of Naples “Federico II”, Bachelor degree in Nursing. Lecturer in “Sociology” (24hh.).

28/02/10-28/02/15. University of Naples “Federico II”, Doctorate in Social Sciences (cycles 26, 27, 28, 29, 30). Lecturer in “The new measure of absolute poverty” (12hh.).

4.2 Supervision

05/10/2017-05/10/18. Tutor for the post-doc of dr. Cristiano Felaco. Title of post-doc project: “Textual analysis in the age of Big Data”.

10-07-2017. University of Rome “La Sapienza”, External referee doctorate in “Communication, Research and Innovation”.

04/12/2015. University of Rome “La Sapienza” Member of the final exam Commision fot the doctorate in “Soustainable development and international cooperation”.

24/11/14-12/03/2015 Referee for 30 research proposals presented for the call MIUR SIR (Scientific Independence of young Researchers).

5. Publications (last three years)

1. Aragona Biagio (2018). Types of big data and designs of evaluation research. RIV. RASSEGNA ITALIANA DI VALUTAZIONE, (67) ISSN: 1826-0713
2. Biagio Aragona, Rosanna De rosa (2018). Big data in policy making. MATHEMATICAL POPULATION STUDIES, p. 1-7, ISSN: 0889-8480, doi: <https://doi.org/10.1080/08898480.2017.1418113>
3. Biagio Aragona, Rosanna De Rosa (2018). Policy Making at the Time of Big Data: Datascape, Datasphere, Data Culture. SOCIOLOGIA ITALIANA, vol. 11, ISSN: 2281-2652
4. Aragona Biagio, Rosanna De Rosa (2018). Unpacking Big Data in Education. A research framework. STATISTICS, POLITICS, AND POLICY, ISSN: 2151-7509
5. E. Amaturo, B. Aragona, M.G. Grassia, N. C. Lauro, M. Marino (2018). Statistica per le scienze sociali. TORINO:UTET, ISBN: 9788860084798
6. Aragona Biagio (2018). Rappresentazione delle variabili: tabelle e grafici. In: Amaturo E. Aragona B. Grassia M.G. Lauro C.N. Marino M.. Statistica per le scienze sociali. TORINO:UTET, ISBN: 9788860084798
7. Aragona Biagio (2017). Sintetizzare le distribuzioni di frequenze: i valori centrali. In: Amaturo E. Aragona B. Grassia M.G. Lauro C.N. Marino M.. Statistica per le scienze sociali. TORINO:UTET, ISBN: 9788860084798
8. Aragona Biagio (2017). Sintetizzare le distribuzioni di frequenze: i valori di disuguaglianza. In: Amaturo E. Aragona B. Grassia M.G. Lauro C.N. Marino M.. Statistica per le scienze sociali. TORINO:UTET, ISBN: 9788860084798
9. Aragona Biagio (2018). *Beyond Data Driven Social Science: Researching Big Data Assemblages*. In: (a cura di): Cathleen M. Stuetzer / Martin Welker / Marc Egger, Computational Social Science in the Age of Big Data: Concepts, Methodologies, Tools, and Applications. p. 63-77, KOLN:Herbert von Halem Verlag, ISBN: 9783869622675
10. N. C. Lauro, E. Amaturo, B. Aragona, M.G. Grassia, M. Marino (a cura di) (2017). *Data Science and Social Research: Epistemology, Methods, Technology and Applications*. STUDIES IN CLASSIFICATION, DATA ANALYSIS, AND KNOWLEDGE ORGANIZATION. P. 1-286, Heidelberg:Springer - Verlag, ISBN: 978-3-319-55476-1, doi: 10.1007/978-3-319-55477-8
11. Amaturo Enrica, Aragona Biagio (2017). *Introduction*. In: (a cura di): N. C. Lauro E. Amaturo B. Aragona M.G. Grassia M. Marino, Data Science and Social Research: Epistemology, Methods, Technology and Applications. STUDIES IN CLASSIFICATION, DATA ANALYSIS, AND KNOWLEDGE ORGANIZATION, p. 3-10, Heidelberg:Springer - Verlag, ISBN: 9783319554761, ISSN: 1431-8814
12. Aragona Biagio (2017). *New Data science: the Sociological Point of View*. In: (a cura di): N. C. Lauro E. Amaturo B. Aragona M.G. Grassia M. Marino, Data Science and Social Research: Epistemology, Methods, Technology and Applications. STUDIES IN CLASSIFICATION, DATA ANALYSIS, AND KNOWLEDGE ORGANIZATION, p. 22-31, Heidelberg:Springer - Verlag, ISBN: 9783319554761, ISSN: 1431-8814
13. 2016 Big Data o Data that are getting bigger?, *Sociologia e Ricerca Sociale*, n.109, p. 42-53. ISSN 1121-1148 Doi: 10.3280/SR2016-109005 (FASCIA A)
14. 2016 (con Zindato D.) Counting people in the data revolution era: challenges and opportunities for population censuses, *International Review of Sociology*, 26(3), 367-385. ISSN 0390-6701Doi: 10.1080/03906701.2016.1244926 (FASCIA A)
15. 2016 (con Amaturo E.) *La "rivoluzione" dei nuovi dati: quale metodo per il futuro, quale futuro per il metodo?* in Corbisiero F., Ruspini E. (a cura di) Sociologia del futuro. Studiare la società del ventunesimo secolo, Wolters Kluwer Italia, Lavis(TN), p. 25-50. ISBN 9788813359294