

Contents

Introduction	1
Enrica Amatore and Biagio Aragona	
Part I Epistemology	
On Data, Big Data and Social Research. Is It a Real Revolution?	9
Federico Neresini	
New Data Science: The Sociological Point of View	17
Biagio Aragona	
Data Revolutions in Sociology	25
Barbara Saracino	
Blurry Boundaries: Internet, Big-New Data, and Mixed-Method Approach	35
Enrica Amatore and Gabriella Punziano	
Social Media and the Challenge of Big Data/Deep Data Approach	57
Giovanni Boccia Artieri	
Governing by Data: Some Considerations on the Role of Learning Analytics in Education	67
Rosanna De Rosa	
Part II Methods, Software and Data Architectures	
Multiple Correspondence K-Means: Simultaneous Versus Sequential Approach for Dimension Reduction and Clustering	81
Mario Fordellone and Maurizio Vichi	
TaLTaC 3.0. A Multi-level Web Platform for Textual Big Data in the Social Sciences	97
Sergio Bolasco and Giovanni De Gasperis	

Sparsity Data Reduction in Textual Network Analysis: An Exercise on Sustainability Meaning	105
Emma Zavarrone, Filomena Grassia, Maria Gabriella Grassia and Marina Marino	
University of Bari's Website Evaluation	121
Laura Antonucci, Marina Basile, Corrado Crocetta, Viviana D'Addosio, Francesco D. d'Ovidio and Domenico Viola	
Advantages of Administrative Data: Three Analyses of Students' Careers in Higher Education	131
Andrea Amico, Giampiero D'Alessandro and Alessandra Decataldo	
Growth Curve Models to Detect Walking Impairment: The Case of InCHIANTI Study	141
Catia Monicolini and Carla Rampichini	
Recurrence Analysis: Method and Applications	151
Maria Carmela Catone, Paolo Diana and Marisa Faggini	
Part III On-Line Data Applications	
Big Data and Network Analysis: A Promising Integration for Decision-Making	165
Giovanni Giuffrida, Simona Gozzo, Francesco Mazzeo Rinaldi and Venera Tomaselli	
White House Under Attack: Introducing Distributional Semantic Models for the Analysis of US Crisis Communication Strategies	175
Fabrizio Esposito, Estella Esposito and Pierpaolo Basile	
#Theterrormood: Studying the World Mood After the Terror Attacks on Paris and Bruxelles	185
Rosanna Cataldo, Roberto Galasso, Maria Gabriella Grassia and Marino Marina	
Learning Analytics in MOOCs: EMMA Case	193
Maka Eradze and Kairit Tammets	
Tweet-Tales: Moods of Socio-Economic Crisis?	205
Grazia Biorci, Antonella Emina, Michelangelo Puliga, Lisa Sella and Gianna Vivaldo	
The Sentiment of the Infosphere: A Sentiment Analysis Approach for the Big Conversation on the Net	215
Antonio Ruoto, Vito Santarcangelo, Davide Liga, Giuseppe Oddo, Massimiliano Giacalone and Eugenio Iorio	

The Promises of Sociological Degrees: A Lexical Correspondence Analysis of Masters Syllabi	223
D. Borrelli, R. Serpieri, D. Taglietti and D. Trezza	
Part IV Off-Line Data Applications	
Exploring Barriers in the Sustainable Microgeneration: Preliminary Insights Thought the PLS-PM Approach	239
Ivano Scotti and Dario Minervini	
Individual Disadvantage and Training Policies: The Construction of "Model-Based" Composite Indicators	249
Rosanna Cataldo, Maria Gabriella Grassia, Natale Carlo Lauro, Elena Ragazzi and Lisa Sella	
Measuring the Intangibles: Testing the Human Capital Theory Against the OECD Programme for the International Assessment of Adult Competencies	261
Federica Cornali	
Analysis of the Employment Transitions and Analysis of the Unemployment Risk in the Social Security Account Statements of the Patronato ACLI	269
D. Catania, A. Serini and G. Zucca	
Integrated Education Microdata to Support Statistics Production	283
Maria Carla Runci, Grazia Di Bella and Francesca Cuppone	
Latent Growth and Statistical Literacy	291
Emma Zavarrone	
Erratum to: Recurrence Analysis: Method and Applications	E1
Maria Carmela Catone, Paolo Diana and Marisa Faggini	