Contents

1 **An Introduction to Innovative Methods in Media and Communication Research** 1
Sebastian Kubitschko and Anne Kaun

Part I Materiality 13
Saskia Sassen

2 **Engaging (Past) Participants: The Case of radicalprintshops.org** 17
Jess Baines

3 **A Materialist Media Ecological Approach to Studying Urban Media in/of Place** 37
Erin Despard

4 **Socio-spatial Approaches for Media and Communication Research** 59
Segah Sak

Part II Technology 75
Noortje Marres

5 Neither Black Nor Box: Ways of Knowing Algorithms 81
Taina Bucher

6 Sketching Bitcoin: Empirical Research of Digital Affordances 99
Pablo R. Velasco

7 Beyond Blobology: Using Psychophysiological Interaction Analyses to Investigate the Neural Basis of Human Communication Phenomena 123
Richard Huskey

8 As We Should Think? Lifelogging as a Re-emerging Method 139
Alberto Frigo

Part III Experience 161
Sarah Pink

9 Visual Ethnography and the City: On the Dead Ends of Reflexivity and Gentrification 167
Emily LaDue

10 Exploring Inclusive Ethnography as a Methodology to Account for Multiple Experiences 189
Paola Sartoretto

11 Interviewing Against the Odds 207
Neha Kumar

Part IV Visualization 221
Lev Manovich

12 Ways of Seeing Data: Toward a Critical Literacy for Data Visualizations as Research Objects and Research Devices 227
Jonathan Gray, Liliana Bounegru, Stefania Milan and Paolo Ciuccarelli

13 Urban Sensing: Potential and Limitations of Social Network Analysis and Data Visualization as Research Methods in Urban Studies 253
Luca Simeone and Paolo Patelli

14 Mapping Topics in International Climate Negotiations: A Computer-Assisted Semantic Network Approach 273
Nicolas Baya-Laffite and Jean-Philippe Cointet

15 'Creative' and Participatory Visual Approaches in Audience Research 293
Katharina Lobinger

Innovative Methods in Media and Communication Research: An Outlook 311
Sebastian Kubitschko and Anne Kaun

Author Index 321

Subject Index 325