

ARTICLES

Recent Books and Journal Articles in Public Opinion, Survey Methods, Survey Statistics, Big Data, Data Science, and User Experience Research. 2021 Update

Mario Callegaro¹, Ana Villar Casas²

¹ Cloud, Google (United Kingdom), ² Meta (United Kingdom)

Keywords: New Books

<https://doi.org/10.29115/SP-2023-0023>

Survey Practice

Vol. 16, Issue 1, 2023

Welcome to the 14th edition of this column on recent books and journal articles in the field of public opinion, survey methods, survey statistics, Big Data, data science, and user experience research.

Special issues of journals have a space in this article because, in our view, they are like edited books. We also added review papers from the journal series of Annual Reviews because these papers are seminal state of the art write ups, a short book, if you wish on a specific subject.

This article is an update of the books and journals published in the 2020 [article](#). Like the previous year, the books are organized by topic; this should help the readers to focus on their interests.

You will note that we use very broad definitions of public opinion, survey methods, survey statistics, Big Data, data science, and user experience research. This is because there are many books published in different outlets that can be very useful to the readers of Survey Practice, even if they do not come from traditional sources of survey content.

It is unlikely we have exhaustively listed all new books in each subcategory; we did our best scouting different resources and websites, but we take full responsibility for any omissions. The list is also focused only on books published in the English language and available for purchase (as an ebook or in print) at the time of this review (October 2023) and with the printed copyright year of 2021. Books are listed based on the relevance to the topic, and no judgment is made in terms of quality of the content. We let the readers do so.

If you want to send information for the next issue, please send it to surveypractice.new.books@gmail.com.

Journals special issues

Applied Cognitive Psychology. Special Issue: "What Works? Systematic Reviews and Meta-Analyses of the Investigative Interviewing Research Literature." Volume 35, Issue 2, 2021.

Big Data Research. Special Issue: “Interactive Big Data Visualization and Analytics.” 2021.

International Journal of Market Research. Special Issue: “Novel Approaches for Data Quality.” Volume 63, Issue 6, 2021.

International Journal of Social Research Methodology. Special Issue: “Unpacking Sensitive Research.” Volume 24, Issue 5, 2021.

Journal of Official Statistics. Special Issue: “Population Statistics for the 21st Century.” Volume 37, Issue 3, 2021.

Journal of Official Statistics. Special Issue: “New Techniques and Technologies for Statistics.” Volume 37, Issue 2, 2021.

Journal of the Royal Statistical Society: Series A (Statistics in Society). Special Issue: “Data Science for Society: Challenges, Developments and Applications.” Volume 184, Issue 4, 2021.

Journal of Survey Statistics and Methodology. Special Issue: “Disability Measurement and Analysis.” Volume 9, Issue 2, 2021.

Public Opinion Quarterly. Special Issue: “New Data in Social and Behavioral Research.” Volume 85, Issue S1, 2021.

Research Synthesis Methods. Special Issue: “Data Visualization for Evidence Synthesis.” Volume 12, Issue 1, 2021.

Social Science Computer Review. Special Issue: “Big Data in the Behavioral Sciences.” Volume 39, Issue 5, 2021.

Social Science Computer Review. Special Issue: “Big Data and Survey Science.” Volume 39, Issue 4, 2021.

Relevant to our topics these are the reviews published recently

Findley, Michael G., Kyosuke Kikuta, and Michael Denly. 2021. “External Validity.” *Annual Review of Political Science* 24 (1): 365–93.

Grimmer, Justin, Margaret E. Roberts, and Brandon M. Stewart. 2021. “Machine Learning for Social Science: An Agnostic Approach.” *Annual Review of Political Science* 24 (1): 395–419.

Little, Roderick J. 2021. “Missing Data Assumptions.” *Annual Review of Statistics and Its Application* 8 (1): 89–107.

Phillips, Trisha. 2021. “Ethics of Field Experiments.” *Annual Review of Political Science* 24 (1): 277–300.

Raghunathan, Trivellore E. 2021. “Synthetic Data.” *Annual Review of Statistics and Its Application* 8 (1): 129–140.

Yan, Ting. 2021. "Consequences of Asking Sensitive Questions in Surveys." *Annual Review of Statistics and Its Application* 8 (1): 109–127.

Public Opinion books

Atkinson, Mary Layton, K. Elizabeth Coggins, James A. Stimson, and Frank R. Baumgartner. 2021. *The Dynamics of Public Opinion*. Cambridge MA: Cambridge University Press.

Faragher, Megan. 2021. *Public Opinion Polling in Mid-Century British Literature: The Psychographic Turn*. New York: Oxford University Press.

Forsberg, Ole J. 2021. *Understanding Elections through Statistics: Polling, Prediction, and Testing*. Boca Raton, FL: Chapman and Hall/CRC.

Larsen, Erik Gahner, and Zoltán Fazekas. 2021. *Reporting Public Opinion: How the Media Turns Boring Polls into Biased News*. Cham, Switzerland: Palgrave Macmillan.

Roy, Jason. 2021. *The Power of Polls?* Cambridge, MA: Cambridge University Press.

Turcotte, André. 2021. *Political Marketing Alchemy: The State of Opinion Research*. Cham, Switzerland: Palgrave Pivot.

Survey and Research Methods books

Aarons, Haydn. 2021. *A Practical Introduction to Survey Design: A Beginner's Guide*. Thousand Oaks, CA: Sage.

Atkinson, Paul, Sara Delamont, Alexandru Cernat, Joseph W. Sakshaug, and Richard A. Williams, eds. 2021. *SAGE Research Methods Foundations*. Thousand Oaks, CA: Sage.

Biffignandi, Silvia, and Jelke Bethlehem. 2021. *Handbook of Web Surveys*. 2nd ed. Hoboken, NJ: Wiley.

Chun, Asaph Young, Michael D. Larsen, Gabrielle Durrant, and Jerome P. Reiter, eds. 2021. *Administrative Records for Survey Methodology*. Hoboken, NJ: Wiley.

Druckman, James, and Donald P. Green, eds. 2021. *Advances in Experimental Political Science*. Cambridge MA: Cambridge University Press.

Hammond, Michael. 2021. *Research Methods: The Key Concepts*. 2nd ed. New York: Routledge.

Holian, Matthew J. 2021. *Data and the American Dream: Contemporary Social Controversies and the American Community Survey*. Cham, Switzerland: Palgrave Macmillan.

Lynn, Peter. 2021. *Advances in Longitudinal Survey Methodology*. Hoboken, NJ: Wiley.

McLaren, Craig, and David Steel. 2021. *Design and Analysis of Repeated Surveys*. Oxford: Wiley.

Meredith, Dennis. 2021. *Explaining Research: How to Reach Key Audiences to Advance Your Work*. 2nd ed. Oxford: Oxford University Press.

Mesquita, Ethan Bueno de, and Anthony Fowler. 2021. *Thinking Clearly with Data: A Guide to Quantitative Reasoning and Analysis*. Princeton: Princeton University Press.

Morin, Jean-Frédéric, Christian Olsson, and Ece Özlem Atikcan, eds. 2021. *Research Methods in the Social Sciences: An A-Z of Key Concepts*. Oxford: Oxford University Press.

Plotkin, David. 2021. *Data Stewardship: An Actionable Guide to Effective Data Management and Data Governance*. 2nd ed. London: Academic Press.

Poth, Cheryl N. 2021. *Research Ethics: Little Quick Fix*. Thousand Oaks, CA: Sage.

Reips, Ulf-Dietrich, and Tom Buchanan, eds. 2021. *Web-Based Research in Psychology*. Göttingen: Hogrefe Publishing.

Schouten, Barry, Jan van den Brakel, Bart Buelens, Deirdre Giesen, Annemieke Luiten, and Vivian Meertens. 2021. *Mixed-Mode Official Surveys: Design and Analysis*. Boca Raton, FL: Chapman and Hall/CRC.

Trivedy, Kelly. 2021. *Plan Your Research Project: Little Quick Fix*. Thousand Oaks, CA: Sage.

Whiffin, Charlotte. 2021. *Choose Your Methodology: Little Quick Fix*. Thousand Oaks, CA: Sage.

Wilson, Laura, and Emma Dickinson. 2021. *Respondent Centred Surveys. Stop, Listen and Then Design*. London: Sage.

Survey statistics

Azen, Razia, and Cindy M. Walker. 2021. *Categorical Data Analysis for the Behavioral and Social Sciences*. 2nd ed. New York: Routledge.

Backhaus, Klaus, Bernd Erichson, Sonja Gensler, Rolf Weiber, and Thomas Weiber. 2021. *Multivariate Analysis: An Application-Oriented Introduction*. Wiesbaden: Gabler Verlag.

Bock, Darren R., and Robert D. Gibbons. 2021. *Item Response Theory*. Hoboken, NJ: Wiley.

- Borenstein, Michael, Larry V. Hedges, Julian P. T. Higgins, and Hannah R. Rothstein. 2021. *Introduction to Meta-Analysis*. 2nd ed. Hoboken, NJ: Wiley.
- Coleman, Helen. 2021. *Get Your Data from Experiments: Little Quick Fix*. Thousand Oaks, CA: Sage.
- Depaoli, Sarah. 2021. *Bayesian Structural Equation Modeling*. New York: Guilford Press.
- Eichhorn, Jan. 2021. *Survey Research and Sampling*. Thousand Oaks, CA: Sage.
- Fahrmeir, Ludwig, Thomas Kneib, Stefan Lang, and Brian D. Marx. 2021. *Regression: Models, Methods and Applications*. 2nd ed. Berlin Heidelberg: Springer-Verlag.
- Gibbons, Jean Dickinson, and Subhabrata Chakraborti. 2021. *Nonparametric Statistical Inference*. 6th ed. Boca Raton, FL: Chapman and Hall/CRC.
- Haining, Robert P., and Guangquan Li. 2021. *Modelling Spatial and Spatial-Temporal Data: A Bayesian Approach*. Boca Raton, FL: Chapman & Hall.
- Harford, Tim. 2021. *The Data Detective: Ten Easy Rules to Make Sense of Statistics*. New York: Riverhead Books.
- Harris-Kojetin, Brian A., and Constance F. Citro, eds. 2021. *Principles and Practices for a Federal Statistical Agency*. 7th ed. Washington, DC: The National Academies Press.
- Henseler, Jorg. 2021. *Composite-Based Structural Equation Modeling: Analyzing Latent and Emergent Variables*. New York: Guilford Press.
- Kolassa, John E. 2021. *An Introduction to Nonparametric Statistics*. Boca Raton, FL: Chapman and Hall/CRC.
- Latpate, Raosaheb V., Jayant Kshirsagar, Vinod Kumar Gupta, and Girish Chandra. 2021. *Advanced Sampling Methods*. Gateway East, Singapore: Springer.
- Lee Helm, Jonathan, ed. 2021. *Advanced Multitrait-Multimethod Analyses for the Behavioral and Social Sciences*. Boca Raton, FL: CRC Press.
- Legrand, Catherine. 2021. *Advanced Survival Models*. Boca Raton, FL: CRC Press.
- Leon-Guerrero, Anna Y., Chava Frankfort-Nachmias, and Georgiann Davis. 2021. *Essentials of Social Statistics for a Diverse Society*. 4th ed. Los Angeles, CA: Sage.
- Pampel, Fred C. 2021. *Logistic Regression: A Primer*. 2nd ed. Los Angeles: Sage.

Terdik, György. 2021. *Multivariate Statistical Methods: Going beyond the Linear. Frontiers in Probability and the Statistical Sciences*. Cham, Switzerland: Springer.

Wheaton, Blair, and Marisa Young. 2021. *Generalizing the Regression Model: Techniques for Longitudinal and Contextual Analysis*. Los Angeles, CA: Sage.

Wywiał, Janusz L. 2021. *Sampling Designs Dependent on Sample Parameters of Auxiliary Variables*. 2nd ed. Berlin Heidelberg: Springer.

Big Data, Data Science, Social media and other relevant books

Biemer, Paul P., Trent D. Buskirk, Lilli Japac, Antje Kirchner, Craig A. Hill, Stas Kolenikov, and Lars E. Lyberg, eds. 2021. *Big Data Meets Survey Science: A Collection of Innovative Methods*. Hoboken, NJ: Wiley.

Foster, Ian, Rayid Ghani, Ron S. Jarmin, Frauke Kreuter, and Julia Lane, eds. 2021. *Big Data and Social Science: Data Science Methods and Tools for Research and Practice*. 2nd ed. Boca Raton, FL: Chapman and Hall/CRC.

Frost, Adam, Tobias Sturt, Jim Kynvin, and Sergio Gallardo. 2021. *Communicating with Data Visualisation: A Practical Guide*. Thousand Oaks, CA: Sage.

Ledolter, Johannes, and Lea S. VanderVelde. 2021. *Analyzing Textual Information: From Words to Meanings through Numbers*. Thousand Oaks, CA: Sage.

Peng, Roger D. 2021. *Essays on Data Analysis*. Leanpub.

Samaddar, Subhashish, and Satish Nargundkar, eds. 2021. *Data Analytics. Effective Methods for Presenting Results*. Boca Raton, FL: CRC Press.

Schwabish, Jonathan. 2021. *Better Data Visualizations: A Guide for Scholars, Researchers, and Wonks*. New York: Columbia University Press.

User Experience Research books

Barnum, Carol. 2021. *Usability Testing Essentials: Ready, Set ...Test!* 2nd ed. Cambridge, MA: Morgan Kaufmann.

Bernstein, Gregg. 2021. *Research Practice: Perspectives from UX Researchers in a Changing Field*. Athens, GA: Greggcorp, LLC

Doganaksoy, Necip, William Q. Meeker, and Gerald J. Hahn. 2021. *Achieving Product Reliability: A Key to Business Success*. Boca Raton: Chapman and Hall/CRC.

Jarrett, Caroline. 2021. *Surveys That Work: A Practical Guide for Designing and Running Better Surveys*. New York: Rosenfeld Media.

Schrepp, Martin. 2021. *User Experience Questionnaires: How to Use Questionnaires to Measure the User Experience of Your Products?* Independently published.

Snitker, Thomas Visby. 2021. *User Research with Kids: How to Effectively Conduct Research with Participants Aged 3-16*. Nordhavn, DK: Apress.

Submitted: October 22, 2023 EST, Accepted: October 22, 2023 EST