

RECENT BOOKS, PAPERS, AND PRESENTATIONS

Recent Books and Journal Articles in Public Opinion, Survey Methods, Survey Statistics, Big Data, Data Science, and User Experience Research. 2022 Update

Mario Callegaro¹, Ana Villar Casas²

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

Keywords: New books

<https://doi.org/10.29115/SP-2023-0024>

Survey Practice

Vol. 16, Issue 1, 2023

Welcome to the 15th 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 mini book, if you wish on a specific subject.

This article is an update of the books and journals published in the 2021 [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 2022. 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

International Statistical Review. Special Issue: "Contributions to Longitudinal Studies." Volume 90, Issue S1, 2022.

Journal of Official Statistics. Special Issue: "Respondent Burden." Volume 38, Issue 4, 2022.

Journal of the Royal Statistical Society: Series A (Statistics in Society). Special issue: “Big Data Meets Survey Science.” Volume 185, Issue S2, 2022.

Journal of the Royal Statistical Society: Series A (Statistics in Society). Special issue: “The Future of Online Data Collection in Social Surveys.” Volume 185, Issue 3, 2022.

Journal of Survey Statistics and Methodology. Special Issue: “Privacy, Confidentiality, and Disclosure Protection.” Volume 10, Issue 3, 2022.

Methods, Data, Analysis (MDA). Special issue: “Vignette Analysis: Methodology and Recent Developments.” Volume 16, Issue 2, 2022.

Public Opinion Quarterly. Special Issue: “Race, Justice, and Public Opinion.” Volume 86, Issue S1, 2022.

Quality & Quantity. Special Issue: “Cross-national Survey Data Harmonization.” Volume 56, Issue 3, 2022.

Quality & Quantity. Special Issue: “Causation, Inferences, and Solution Types in Configurational Comparative Methods.” Volume 56, Issue 4, 2022.

Relevant to our topics, these are the reviews published recently

Bayes, Robin, James N. Druckman, and Alauna C. Safarpour. 2022. “Studying Science Inequities: How to Use Surveys to Study Diverse Populations.” *The ANNALS of the American Academy of Political and Social Science* 700 (1): 220–33.

Hoffman, Lesa, and Ryan W. Walters. 2022. “Catching up on Multilevel Modeling.” *Annual Review of Psychology* 73 (1): 659–89.

Kertzer, Joshua D., and Jonathan Renshon. 2022. “Experiments and Surveys on Political Elites.” *Annual Review of Political Science* 25 (1): 529–50.

Knox, Dean, Christopher Lucas, and Wendy K. Tam Cho. 2022. “Testing Causal Theories with Learned Proxies.” *Annual Review of Political Science* 25 (1): 419–41.

Miller, Jeff, and Rolf Ulrich. 2022. “Optimizing Research Output: How Can Psychological Research Methods Be Improved?” *Annual Review of Psychology* 73 (1): 691–718.

Moody, James W., Lisa A. Keister, and Maria C. Ramos. 2022. “Reproducibility in the Social Sciences.” *Annual Review of Sociology* 48 (1): 65–85.

Nosek, Brian A., Tom E. Hardwicke, Hannah Moshontz, Aurélien Allard, Katherine S. Corker, Anna Dreber, Fiona Fidler, et al. 2022. “Replicability, Robustness, and Reproducibility in Psychological Science.” *Annual Review of Psychology* 73 (1): 719–48.

Peng, Roger D., and Hilary S. Parker. 2022. "Perspective on Data Science." *Annual Review of Statistics and Its Application* 9 (1): 1–20.

Steele, Liza G., Amie Bostic, Scott M. Lynch, and Lamis Abdelaaty. 2022. "Measuring Ethnic Diversity." *Annual Review of Sociology* 48 (1): 43–63.

Public Opinion books

Geraci, John. 2022. *POLL-ARIZED: Why Americans Don't Trust the Polls And How to Fix Them Before It's Too Late*. Fayetteville, AR: Houndstooth Press.

Mares, Isabella. 2022. *Protecting the Ballot: How First-Wave Democracies Ended Electoral Corruption*. Princeton, NJ: Princeton University Press.

Morris, G. Elliot. 2022. *Strength in Numbers: How Polls Work and Why We Need Them*. New York: W. W. Norton & Company.

Pack, Mark. 2022. *Polling Unpacked. The History, Uses and Abuses of Political Opinion Polls*. Chicago, IL: Chicago University Press.

Rebstock, Dylan, Tina Winters, and Emma Fine, eds. 2022. *Measurement and Analysis of Public Opinion: An Analytic Framework*. Washington, D.C.: National Academies Press.

Survey and Research Methods books

Bolton, Kate, and Ian Brace. 2022. *Questionnaire Design: How to Plan, Structure and Write Survey Material for Effective Market Research*. 5th ed. London: Kogan Page.

Daniels, Reza Che. 2022. *How Data Quality Affects Our Understanding of the Earnings Distribution*. Gateway East, Singapore: Springer.

DeVellis, Robert F., and Carolyn T. Thorpe. 2022. *Scale Development: Theory and Applications*. 5th ed. Thousand Oaks, CA: Sage.

Dubey, Umesh Kumar B., and D. P. Kothari. 2022. *Research Methodology: Techniques and Trends*. Boca Raton: Chapman and Hall/CRC.

Durdella, Nathan Richard. 2022. *Conducting Research with Human Participants: An IRB Guide for Students and Faculty*. Los Angeles, CA: Sage.

Engel, Uwe, Anabel Quan-Haase, Sunny Xun Liu, and Lars E. Lyberg, eds. 2022a. *Handbook of Computational Social Science. Volume 1: Theory, Case Studies and Ethics*. New York: Routledge.

Engel, Uwe, Anabel Quan-Haase, Sunny Xun Liu, and Lars E. Lyberg, eds. 2022b. *Handbook of Computational Social Science. Volume 2: Data Science, Statistical Modelling, and Machine Learning Methods*. New York: Routledge.

Freeze, R. Allan. 2022. *The Metrics of Happiness: The Art and Science of Measuring Personal Happiness and Societal Wellbeing*. Cham, Switzerland: Springer.

Frey, Bruce B., ed. 2022. *The SAGE Encyclopedia of Research Design*. 2nd ed. Los Angeles, CA: Sage.

Green, Donald P. 2022. *Social Science Experiments: A Hands-on Introduction*. New York, NY: Cambridge University Press.

Häder, Michael. 2022. *Empirical Social Research: An Introduction*. Wiesbaden Heidelberg: Springer.

Hadler, Markus, Beate Klösch, Stephan Schwarzing, Markus Schweighart, Rebecca Wardana, and David Neil Bird. 2022. *Surveying Climate-Relevant Behavior: Measurements, Obstacles, and Implications*. Cham, Switzerland: Palgrave Macmillan.

Harris-Kojetin, Brian, ed. 2022. *Improving Consent and Response in Longitudinal Studies of Aging: Proceedings of a Workshop*. Washington, D.C.: National Academies Press.

Islam, M. Rezaul, Niaz Ahmed Khan, and Rajendra Baikady, eds. 2022. *Principles of Social Research Methodology*. Gateway East, Singapore: Springer.

John, C. Frederic. 2022. *Storytelling and Market Research: A Practical User Guide*. New York: Routledge.

Jussim, Lee, Jon A. Krosnick, and Sean T. Stevens, eds. 2022. *Research Integrity: Best Practices for the Social and Behavioral Sciences*. New York, NY: Oxford University Press USA.

Katz-Buonincontro, Jen. 2022. *How to Interview and Conduct Focus Groups*. Washington, DC: American Psychological Association.

Mink, Reimund. 2022. *Official Statistics—A Plaything of Politics?: On the Interaction of Politics, Official Statistics, and Ethical Principles*. Cham, Switzerland: Springer.

Modernizing the Consumer Price Index for the 21st Century. 2022. Washington, D.C.: National Academies Press.

Olson, Andrea. 2022. *What to Ask: How to Learn What Customers Need but Don't Tell You*. Dallas, TX: Matt Holt Books.

Quan-Haase, Anabel, and Luke Sloan, eds. 2022. *The SAGE Handbook of Social Media Research Methods*. 2nd ed. London: Sage.

Remler, Dahlia K., and Gregg G. Van Ryzin. 2022. *Research Methods in Practice: Strategies for Description and Causation*. 3rd ed. London: Sage.

Spencer, Grace, ed. 2022. *Ethics and Integrity in Research with Children and Young People*. Vol. 7. Bingley, UK: Emerald Publishing Limited.

Sullivan, Teresa A., and Daniel L. Cork, eds. 2022. *Understanding the Quality of the 2020 Census: Interim Report*. Washington, D.C.: National Academies Press.

Zhao, Pengfei, Karen Ross, Peiwei Li, and Barbara K. Dennis. 2022. *Making Sense of Social Research Methodology: A Student and Practitioner Centered Approach*. Thousand Oaks, CA: Sage.

Survey statistics

Bekker, Andriëtte, Johannes T. Ferreira, and Mohammad Arashi, eds. 2022. *Innovations in Multivariate Statistical Modeling: Navigating Theoretical and Multidisciplinary Domains*. Cham, Switzerland: Springer.

Chaudhuri, Arijit, and Sanghamitra Pal. 2022. *A Comprehensive Textbook on Sample Surveys*. Gateway East, Singapore: Springer.

de Ayala, R. J. 2022. *The Theory and Practice of Item Response Theory*. New York: Guilford Press.

Eichhorn, Jan. 2022. *Survey Research and Sampling*. Thousand Oaks, CA: Sage.

Enders, Craig K. 2022. *Applied Missing Data Analysis*. 2nd ed. New York: Guilford Press.

Eshima, Nobuoki. 2022. *An Introduction to Latent Class Analysis: Methods and Applications*. Gateway East, Singapore: Springer.

Hair, Joe, G. Tomas M. Hult, Christian M. Ringle, and Marko Sarstedt. 2022. *A Primer on Partial Least Squares Structural Equation Modeling*. 3rd ed. Los Angeles: Sage.

Hayes, Andrew F. 2022. *Introduction to Mediation, Moderation, and Conditional Process Analysis: A Regression-Based Approach*. 3rd ed. New York London: Guilford Press.

He, Yulei, Guangyu Zhang, and Chiu-Hsieh Hsu. 2022. *Multiple Imputation of Missing Data in Practice: Basic Theory and Analysis Strategies*. Boca Raton, FL: Chapman and Hall/CRC.

Heath, Chip, and Karla Starr. 2022. *Making Numbers Count: The Art and Science of Communicating Numbers*. New York: Avid Reader Press.

Kim, Jae Kwang, and Jun Shao. 2022. *Statistical Methods for Handling Incomplete Data*. 2nd ed. Boca Raton, FL: Chapman and Hall/CRC.

Lehmann, Erich L., and Joseph P. Romano. 2022. *Testing Statistical Hypotheses*. 4th ed. Springer Texts in Statistics. Cham, Switzerland: Springer International Publishing.

Linneman, Thomas J. 2022. *Social Statistics: Managing Data, Conducting Analyses, Presenting Results*. 4th ed. New York, NY: Routledge.

Lohr, Sharon L. 2022. *Sampling: Design and Analysis*. 3rd ed. Boca Raton, FL: Chapman and Hall/CRC.

Paczkowski, Walter R. 2022. *Modern Survey Analysis. Using Python for Deeper Insights*. Cham, Switzerland: Springer.

Raab, Marcel, and Emanuela Struffolino. 2022. *Sequence Analysis*. Los Angeles, CA: Sage.

Tanaka, Mieko. 2022. *Principal Component Analysis and Randomness Tests for Big Data Analysis*. Cham, Switzerland: Springer.

Wallgren, Britt, and Anders Wallgren. 2022. *Register-Based Statistics: Registers and the National Statistical System*. 3rd ed. Hoboken, NJ: Wiley.

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

Atkinson-Abutridy, John. 2022. *Text Analytics: An Introduction to the Science and Applications of Unstructured Information Analysis*. Boca Raton: Chapman and Hall/CRC.

Castellani, Brian C., and Rajeev Rajaram. 2022. *Big Data Mining and Complexity*. Thousand Oaks, CA: Sage.

Edmond, Jennifer. 2022. *Trouble with Big Data: How Datafication Displaces Cultural Practices*. London: Bloomsbury Academic.

Grimmer, Justin, Margaret E. Roberts, and Brandon M. Stewart. 2022. *Text as Data: A New Framework for Machine Learning and the Social Sciences*. Princeton, NJ: Princeton University Press.

Imai, Kosuke, and Nora Webb Williams. 2022. *Quantitative Social Science: An Introduction in Tidyverse*. Princeton: Princeton University Press.

User Experience Research books

Albert, Bill, and Tom Tullis. 2022. *Measuring the User Experience: Collecting, Analyzing, and Presenting Usability Metrics*. 3rd ed. Amsterdam: Morgan Kaufmann.

Estes, Janelle, and Andy MacMillan. 2022. *User Tested: How the World's Top Companies Use Human Insight to Create Great Experiences*. Hoboken, NJ: Wiley.

Gage, Marty, and Spencer Murrell. 2022. *User Experience Research: Discover What Customers Really Want*. Hoboken, New Jersey: Wiley.

Marsh, Stephanie. 2022. *User Research: Improve Product and Service Design and Enhance Your Ux Research*. 2nd ed. London: Kogan Page.

Soares, Marcelo M., Francisco Rebelo, and Tareq Z. Ahram, eds. 2022. *Handbook of Usability and User-Experience: Research and Case Studies*. Boca Raton: CRC Press.

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