Evaluating Research In Academic Journals A Practical Guide To Realistic Education 2014 6th Edition By Fred Pyrczak

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Traditional and New Methods of Evaluation
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Evaluating Research Articles From Start to Finish
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Harnessing Multidimensional Indicators of Scholarly Impact
Springer Handbook of Science and Technology Indicators
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SIDNEY LUCA

Research evaluation metrics Ubiquity Press Publishing Addiction Science is a comprehensive guide for addiction scientists facing the complex process of contributing to scholarly journals. Written by an international group of addiction journal editors and their colleagues, it discusses how to write research articles and systematic reviews, choose a journal, respond to reviewers’ reports, become a reviewer, and resolve the often difficult authorship, ethical and citation issues that arise in addiction science publishing. As a “Guide for the Perplexed,” Publishing Addiction Science helps novice as well as experienced researchers to deal with these challenges. It is suitable for university courses and forms the basis of the training workshops offered by the International Society of Addiction Journal Editors (ISAJE). Co-sponsored by ISAJE and the scientific journal Addiction, the third edition of Publishing Addiction Science gives special attention to the challenges faced by researchers from developing and non-English-speaking countries and features new chapters on guidance for clinician-scientists and the growth of infrastructure and career opportunities in addiction science.

Understanding and Evaluating Research Routledge

Now available for the first time in print, the dictionary is the most comprehensive and reliable English-language resource for terminology used in all types of libraries. With more than 4,000 terms and cross-references (last updated January, 2003), the dictionary's content has been carefully selected and includes terms from publishing, printing, literature, and computer science where, in the author's judgment, they are relevant to both library professionals and laypersons.

Traditional and New Methods of Evaluation World Scientific Publishing Company Incorporated

Understanding and Evaluating Research: A Critical Guide aims to sensitize students to the necessity of learning how not to defer to the mysterious authority of the experts, but rather to learn how to be a critical consumer of others' research, and to gain confidence in their ability to be producers of research. Sue McGregor shows students how to be research literate, and how to find, critique and apply other people's scholarship. This textbook is grounded in a solid understanding of the prevailing research methodologies for creating new knowledge (philosophical underpinnings), which in turn dictate problem posing, theory selection, and research methods (tasks for sampling,

collecting and analyzing data, and reporting results).

Evaluating Research in Academic Journals Springer Science & Business Media

The integrity of knowledge that emerges from research is based on individual and collective adherence to core values of objectivity, honesty, openness, fairness, accountability, and stewardship. Integrity in science means that the organizations in which research is conducted encourage those involved to exemplify these values in every step of the research process. Understanding the dynamics that support â€" or distort â€" practices that uphold the integrity of research by all participants ensures that the research enterprise advances knowledge. The 1992 report Responsible Science: Ensuring the Integrity of the Research Process evaluated issues related to scientific responsibility and the conduct of research. It provided a valuable service in describing and analyzing a very complicated set of issues, and has served as a crucial basis for thinking about research integrity for more than two decades. However, as experience has accumulated with various forms of research misconduct, detrimental research practices, and other forms of misconduct, as subsequent empirical research has revealed more about the nature of scientific misconduct, and because technological and social changes have altered the environment in which science is conducted, it is clear that the framework established more than two decades ago needs to be updated. Responsible Science served as a valuable benchmark to set the context for this most recent analysis and to help guide the committee's thought process. Fostering Integrity in Research identifies best practices in research and recommends practical options for discouraging and addressing research misconduct and detrimental research practices.

Evaluating Research Articles From Start to Finish Elsevier

Evaluating Research in Academic JournalsA Practical Guide to Realistic EvaluationRoutledge

Understanding and Evaluating Research Routledge

The book is intended to help students understand and interpret research articles and how to evaluate what was done in the research. It is not intended to show them how to do research but rather how to understand research articles and evaluate that research.

Evaluating Research in Academic Journals Springer

Openness and sharing of information are fundamental to the progress of science and to the effective functioning of the research enterprise. The advent of scientific journals in the 17th century helped power the Scientific Revolution by allowing researchers to communicate across time and space, using the technologies of that era to generate reliable knowledge more quickly and efficiently. Harnessing today's stunning, ongoing advances in information technologies, the global research enterprise and its stakeholders are moving toward a new open science ecosystem. Open science aims to ensure the free availability and usability of scholarly publications,

the data that result from scholarly research, and the methodologies, including code or algorithms, that were used to generate those data. Open Science by Design is aimed at overcoming barriers and moving toward open science as the default approach across the research enterprise. This report explores specific examples of open science and discusses a range of challenges, focusing on stakeholder perspectives. It is meant to provide guidance to the research enterprise and its stakeholders as they build strategies for achieving open science and take the next steps.

Dictionary for Library and Information Science Routledge

Explains and critically evaluates a range of research techniques for the caring professions.

A Practical Guide to Realistic Evaluation National Academies Press

• A supplementary guide for students who are learning how to evaluate reports of empirical research published in academic journals. • Your students will learn the practical aspects of evaluating research, not just how to apply a laundry list of technical terms from their textbooks. • Each chapter is organized around evaluation questions. For each question, there is a concise explanation of how to apply it in the evaluation of research reports. • Numerous examples from journals in the social and behavioral sciences illustrate the application of the evaluation questions. Students see actual examples of strong and weak features of published reports. • Commonsense models for evaluation combined with a lack of jargon make it possible for students to start evaluating research articles the first week of class. • The structure of this book enables students to work with confidence while evaluating articles for homework. • Avoids oversimplification in the evaluation process by describing the nuances that may make an article publishable even though it has serious methodological flaws. Students learn when and why certain types of flaws may be tolerated. They learn why evaluation should not be performed mechanically. • This book received very high student evaluations when field-tested with students just beginning their study of research methods. • Contains more than 60 new examples from recently published research. In addition, minor changes have been made throughout for consistency with the latest edition of the Publication Manual of the American Psychological Association.

How to Design and Evaluate Research in Education Edward Elgar Publishing

A comprehensive, state-of-the-art examination of the changing ways we measure scholarly performance and research impact.

Conducting and Evaluating Research in the Social Sciences F.A. Davis

A new book from the National Research Council recommends changes in how the federal government evaluates the efficiency of research at EPA and other agencies. Assessing efficiency should be considered only one part of gauging a program's quality, relevance, and effectiveness. The efficiency of research processes and that of investments should be evaluated using different approaches. Investment efficiency should examine

whether an agency's R&D portfolio, including the budget, is relevant, of high quality, matches the agency's strategic plan. These evaluations require panels of experts. In contrast, process efficiency should focus on "inputs" (the people, funds, and facilities dedicated to research) and "outputs" (the services, grants, publications, monitoring, and new techniques produced by research), as well as their timelines and should be evaluated using quantitative measures. The committee recommends that the efficiency of EPA's research programs be evaluated according to the same standards used at other agencies. To ensure this, OMB should train and oversee its budget examiners so that the PART questionnaire is implemented consistently and equitably across agencies.

Publishing Addiction Science SAGE

Understanding and Evaluating Research: A Critical Guide shows students how to be critical consumers of research and to appreciate the power of methodology as it shapes the research question, the use of theory in the study, the methods used, and how the outcomes are reported. The book starts with what it means to be a critical and uncritical reader of research, followed by a detailed chapter on methodology, and then proceeds to a discussion of each component of a research article as it is informed by the methodology. The book encourages readers to select an article from their discipline, learning along the way how to assess each component of the article and come to a judgment of its rigor or quality as a scholarly report.

Answer Key UNESCO Publishing

How to Critique Journal Articles in the Social Sciences, by Scott R. Harris, is a brief, introductory book that provides readers with a step-by-step guide to reading and understanding a social science research article. The author demonstrates the many strengths of social research, including its advantages over ordinary ways of knowing things, and, at the same time, points out that research is inevitably flawed. Rather than naively assuming that good research simply produces “The Truth” or cynically asserting that research is hopelessly biased and futile, this book instills in readers a critical perspective—one that appreciates the strengths and weaknesses of any piece of scholarship.

Methodology for People Who Need to Read Research National Academies Press

This book examines the following factors: sponsorship of research, control of the dissemination of research, effects of dominant research paradigms, financial interests of authors, publishers, and editors, role of new technologies (for example, Web 2.0). It is widely accepted among researchers and educators that the peer review process, the reputation of the publisher and examination of the author's credentials are the gold standards for assessing the quality of research and information. However, the traditional gold standards are not sufficient, and the effective evaluation of information requires the consideration of additional factors. Controversies about positive evaluations of new medications that appear in peer-reviewed

journals, the financial reports on Enron prior to the revelations that led to its collapse, and obstacles to the publication of research that does not conform to dominant paradigms are just a few examples that indicate the need for a more sophisticated and nuanced approach to evaluating information. Each of the factors is discussed in a factual manner, supported by many examples that illustrate not only the nature of the issues but also their complexity. Practical suggestions for the evaluation of information are an integral part of the text. Highlights frequently overlooked criteria for evaluating research Challenges the assumption that the gold standards for evaluation are sufficient Examines the role of new technologies in evaluating and disseminating research

Social Science Research SAGE

Where is the evidence in a nursing research study? What is the evidence? How good is the evidence? And, how is it relevant to providing evidence-based nursing care? Ensure that students can meet the AACN's (American Association of Colleges of Nursing) goal of identifying valid research findings and using them to determine if they are providing care that is supported by evidence.

Beyond Bibliometrics SAGE Publications

Covering both quantitative and qualitative research, this new text teaches the skills for conducting research and how to read and evaluate published research. Real Research explains the systematic steps used by social scientists to examine the social world, and teaches te skills necessary to read, understand and realistically evaluate published research carried out by others. The author follows the stages of the research process and presents a model of "ideal" research; but she also emphasizes that research does not always involve an orderly set of steps, and is often affected by limitations such as time and money.

Evaluating Research for Evidence-Based Nursing Practice Libraries Unlimited

Updated to align with the American Psychological Association and the National Council of Accreditation of Teacher Education accreditation requirements. Focused on increasing the credibility of research and evaluation, the Fifth Edition of Research and Evaluation in Education and Psychology: Integrating Diversity with Quantitative, Qualitative, and Mixed Methods incorporates the viewpoints of various research paradigms into its descriptions of these methods. Students will learn to identify, evaluate, and practice good research, with special emphasis on conducting research in culturally complex communities, based on the perspectives of women, LGBTQ communities, ethnic/racial minorities, and people with disabilities. In each chapter, Dr. Donna M. Mertens carefully explains a step of the research process—from the literature review to analysis and reporting—and includes a sample study and abstract to illustrate the concepts discussed. The new edition includes over 30 new research studies and contemporary examples to demonstrate research methods including: Black girls and school discipline: The complexities of being overrepresented and

understudied (Annamma, S.A., Anyon, Y., Joseph, N.M., Farrar, J., Greer, E., Downing, B., & Simmons, J.) Learning Cooperatively under Challenging Circumstances: Cooperation among Students in High-Risk Contexts in El Salvador (Christine Schmalenbach) Replicated Evidence of Racial and Ethnic Disparities in Disability Identification in U.S. Schools (Morgan, et. al.) Relation of white-matter microstructure to reading ability and disability in beginning readers (Christodoulu, et. al.) Arts and mixed methods research: an innovative methodological merger (Archibald, M.M. & Gerber, N.)

Evaluating Research Efficiency in the U.S. Environmental Protection Agency CreateSpace

This comprehensive introduction to educational research covers the most widely used research methodologies and discusses the research process in detail. Step-by-step analysis of real research studies provides students with practical examples of how to prepare their work and read that of others. End-of-chapter problem sheets, comprehensive coverage of data analysis, and discussion of the preparation of research proposals and reports make the text appropriate for courses that focus on doing research as well as for courses that stress reading and understanding research.

A Practical Guide to Realistic Evaluation Routledge

• This new edition gives students valuable practice in reading and evaluating research. All major methods of research are illustrated, including qualitative research, content/document analysis, survey research, observational research, experimental research, and program evaluation. • The articles deal with contemporary topics that will hold your students' attention. • The lines in each article are sequentially numbered. This allows easy reference to specific parts of the articles during classroom discussions. • Factual Questions at the end of each article encourage students to read for methodological and substantive points. • The Answer Key provides answers to the Factual Questions. The line numbers where the answers can be found are included, making the key easy to use. • The Questions for Discussion at the end of each article address broad issues of research design and overall research quality. • Ideal for homework assignments followed by classroom discussions at the next class meeting.

Behavioral and Social Research on Aging SAGE

This handbook presents the state of the art of quantitative methods and models to understand and assess the science and technology system. Focusing on various aspects of the development and application of indicators derived from data on scholarly publications, patents and electronic communications, the individual chapters, written by leading experts, discuss theoretical and methodological issues, illustrate applications, highlight their policy context and relevance, and point to future research directions. A substantial portion of the book is dedicated to detailed descriptions and analyses of data sources, presenting both traditional and advanced approaches. It addresses the main bibliographic metrics and indexes, such as the journal impact

factor and the h-index, as well as altmetric and webometric indicators and science mapping techniques on different levels of aggregation and in the context of their value for the assessment of research performance as well as their impact on research policy and society. It also presents and critically discusses various national research evaluation systems. Complementing the sections reflecting on the science system, the technology section includes multiple chapters that explain different aspects of patent statistics, patent classification and database search methods to retrieve patent-related information. In addition, it examines the relevance of trademarks and standards as additional technological indicators. The Springer Handbook of Science and Technology Indicators is an invaluable resource for practitioners, scientists and policy makers wanting a systematic and thorough analysis of the potential and limitations of the various approaches to assess research and research performance.