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**A Student's Guide to Open Science: Using the Replication Crisis to Reform Psychology** **A Researcher's Guide to Using Electronic Health Records** Handbook of Evidence-based Radiation Oncology **A Reference Guide for English Studies** A Statistical Guide for the Ethically Perplexed **The Canadian Parliamentary Guide** The Handbook of Occupational and Environmental Medicine [2 volumes] Quarterly Militia List of the Dominion of Canada **The Psychology Research Handbook** **The Pianist's Resource Guide** **The Oxford Handbook of Acculturation and Health** *The Oxford Handbook of Adult Cognitive Disorders* *Guide to Varieties of Field and Vegetable Crops Under Trial, Observation and Propagation* **The Handbook of Stress and Health** **Advances in Computational Intelligence** Spring Data Chemical Data Guide

for Bulk Shipment by Water *Implementing Domain-driven Design* *The T. L. Yuan Bibliography of Western Writings on Chinese Art and Archaeology* **IAENG Transactions on Engineering Sciences** **Official Airline Guide** **World Guide to Universities** *A Multidimensional Approach to Post-Traumatic Stress Disorder* *Braby's East London Directory and Buyer's Guide* **World Guide to Universities - Internationales Universitäts-Handbuch** Electronics Buyers' Guide Java Persistence with Hibernate **Introduction to Public Health for Chiropractors** **Never Waste a Good Crisis** World Guide to Special Libraries: Libraries M-Z. Index *Guide to Current Medical Literature and General Index of the Journal Clinical Lipidology* **Neuromodulation** **Introduction to Clinical Psychology** *Manual internacional de pruebas y evaluación del ITC* Real Estate Record and Builders' Guide **“The” Athenaeum** *Multimedia Services and Applications in Mission Critical Communication Systems* Beckett Baseball Card Price Guide Science Citation Index

Public health is of concern to practicing chiropractors, as well as chiropractic students. The vast majority of chiropractors utilize public health concepts every day as an integral part of patient care. For instance, they give advice on risk factors that should be avoided and protective factors to be added by their patients to enhance healing and prevent illness. Public health is also part of the curriculum at all chiropractic colleges

and is tested by the National Board. No public health textbooks are available that are specifically designed for the chiropractor. Consequently, college instructors are forced to make-do with class notes and generic texts that do not address the specific issues relevant to chiropractic. This book will not only be of interest to chiropractic students, but also practicing chiropractors because it will provide information they can utilize to provide better care by positively intervening with their patients and their communities regarding public health matters. In an age when electronic health records (EHRs) are an increasingly important source of data, this essential textbook provides both practical and theoretical guidance to researchers conducting epidemiological or clinical analysis through EHRs. Split into three parts, the book covers the research journey from start to finish. Part 1 focuses on the challenges inherent when working with EHRs, from access to data management, and raising issues such as completeness and accuracy which impact the validity of any research project. Part 2 examines the core research process itself, with chapters on research design, sampling, and analysis, as well as emerging methodological techniques. Part 3 demonstrates how EHR research can be made meaningful, from presentation to publication, and includes how findings can be applied to real-world issues of public health. Supported by case studies throughout, and applicable across a range of research software programs (including R, SPSS, and SAS),

this is the ideal text for students and researchers engaging with EHRs across epidemiological and clinical research. You can choose several data access frameworks when building Java enterprise applications that work with relational databases. But what about big data? This hands-on introduction shows you how Spring Data makes it relatively easy to build applications across a wide range of new data access technologies such as NoSQL and Hadoop. Through several sample projects, you'll learn how Spring Data provides a consistent programming model that retains NoSQL-specific features and capabilities, and helps you develop Hadoop applications across a wide range of use-cases such as data analysis, event stream processing, and workflow. You'll also discover the features Spring Data adds to Spring's existing JPA and JDBC support for writing RDBMS-based data access layers. Learn about Spring's template helper classes to simplify the use of database-specific functionality Explore Spring Data's repository abstraction and advanced query functionality Use Spring Data with Redis (key/value store), HBase (column-family), MongoDB (document database), and Neo4j (graph database) Discover the GemFire distributed data grid solution Export Spring Data JPA-managed entities to the Web as RESTful web services Simplify the development of HBase applications, using a lightweight object-mapping framework Build example big-data pipelines with Spring Batch and Spring Integration A

comprehensive work that brings together and explores state-of-the-art research on the link between stress and health outcomes. Offers the most authoritative resource available, discussing a range of stress theories as well as theories on preventative stress management and how to enhance well-being Timely given that stress is linked to seven of the ten leading causes of death in developed nations, yet paradoxically successful adaptation to stress can enable individuals to flourish Contributors are an international panel of authoritative researchers and practitioners in the various specialty subjects addressed within the work Two large international conferences on Advances in Engineering Sciences were held in Hong Kong, March 12–14, 2014, under the International MultiConference of Engineers and Computer Scientists (IMECS 2014), and in London, UK, 2–4 July, 2014, under the World Congress on Engineering 2014 (WCE 2014) respectively. This volume contains 37 revised and extended research articles written by prominent researchers participating in the conferences. Topics covered include engineering mathematics, computer science, electrical engineering, manufacturing engineering, industrial engineering, and industrial applications. The book offers tremendous state-of-the-art advances in engineering sciences and also serves as an excellent reference work for researchers and graduate students working with/on engineering sciences. Contents:Switching Boundaries for Flexible

Management of Natural Resource Investment under Uncertainty (T Tarnopolskaya, W Chen and C Bao) Using Exotic Option Prices as Control Variates in Monte Carlo Pricing Under a Local-Stochastic Volatility Model (Geoffrey Lee, Zili Zhu and Yu Tian) Multi-period Dynamic Portfolio Optimization through Least Squares Learning (C Bao, Z Zhu, N Langrené and G Lee) On General Solution of Incompressible and Isotropic Newtonian Fluid Equations (A A Maknickas) On the Inversion of Vandermonde Matrix via Partial Fraction Decomposition (Yiu Kwong Man) Fractal Fourier Coefficients with Application to Identification Protocols (Nadia M G Al-Saidi, Arkan J Mohammed, Elisha A Ogada and Adil M Ahmed) Scheduling Algorithm with Inserted Idle Time for Problem  $P_{prec}^{Cmax}$  (N S Grigoreva) Iterative Scheme for a Common Solutions of Equilibrium Problems, Variational Inequality Problems and Fixed Point Problems (Wichan Khongtham) Three-steps Iterative Method for Common Fixed Points, Variational Inclusions, and Equilibrium Problems (Yaowaluck Khongtham) Euler's Constant: A Proof of its Irrationality and Transcendence by means of Minus One Factorial (Okoh Ufuoma) Solution of Problem on Heat and Mass Transfer with Chemical Reaction over an Exponentially Accelerated Infinite Vertical Plate (A Ahmed, M N Sarki and M Ahmad) Improving Human Resource Security of a Data Centre: Case Study of a Hong Kong Wines and Spirits Distribution Company

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Furukawa, Eiji Uchino, Shinichi Miwa and Noriaki Suetake) Swarm Intelligent Control Object's Movement Simulation in Net-centric Environment using Neural Networks (Viacheslav Abrosimov) The Concept of Project Time Management with the Fuzzy Buffers Approach (B?aszczyk Pawe? and B?aszczyk Tomasz) Data Driven Methods for Adaptation of ASR Systems (Akella Amarendra Babu, Yellasiri Ramadevi and Akepogu Ananda Rao) Semantic Web Improved by Including Class Information with the TFIDF Algorithm (Jyoti Gautam and Ela Kumar) Urban Drainage in the Metropolitan Region of Belém, Brazil: An Urbanistic Study (Juliano Pamplona Ximenes Ponte and Ana Júlia Domingues Das Neves Brandão) Finger Based Techniques for Nonvisual Touchscreen Text Entry (Mohammed Fakrudeen, Sufian Yousef, Mahdi H Miraz and Abdelrahman Hamza Hussein) LTE Downlink and Uplink Physical Layer (Temitope O Takpor and Francis E Idachaba) New Dielectric Modulated Graphene (DMG) FET-Based Sensor for High-performance Biomolecule Sensing Applications (Faycal Djeflal, Abdelhamid Benhaya, Khalil Tamersit and Mohamed Meguellati) Modelling and Optimization of Avalanche Photodiode Electrical Parameters using Multiobjective Genetic Algorithm (Toufik Bendib, Lucio Pancheri, Faycal Djeflal and Gian-Franco Dalla Betta) Experimental Study of Impact of Ship Electric Power Plant Configuration and Load Variation on Power Quality in the Ship



Power Systems (Tomasz Tarasiuk, Andrzej Pilat, Mariusz Szweda, Mariusz Gorniak and Zenon Troka) Studying of Electroencephalographic Signal Changes Induced by Odor Exposure (Rita Jorge Cerqueira Pinto, Isabel Patrícia Pinheiro Peixoto Xavier, Maria Do Rosário Alves Calado and Sílvio José Pinto Simões Mariano) DC Motor Speed Control using FPGA (Ahmed Telba) Pellistor Gas Sensor Performance: Interface Circuitry Analysis (Hauwa Talatu Abdulkarim) Extended Research on Prefilter Bandwidth Effects in Asynchronous Sequential Symbol Synchronizers based on Pulse Comparison by both Transitions at Half Bit Rate (Antonio D Reis, Jose F Rocha, Atilio S Gameiro and Jose P Carvalho) Models of Organizational Change for Modernizing Pollution Warning Services (Anca Daniela Ionita and Mariana Mocanu) Readership: Professionals, academics and graduate students in electrical & electronic engineering, computer engineering, industrial engineering and mathematics. Key Features: This volume contains revised and extended research articles written by prominent researchers participating in the conferences The book offers the state of art of tremendous advances in engineering sciences The book can also serve as an excellent reference work for researchers and graduate students working with/on engineering sciences Keywords: Engineering Mathematics; Computer Science; Electrical Engineering; Manufacturing Engineering; Industrial Engineering; Industrial Applications

Neuromodulation: Comprehensive Textbook of Principles, Technologies, and Therapies, Second Edition, serves as a comprehensive and in-depth reference textbook covering all aspects of the rapidly growing field of neuromodulation. Since the publication of the first edition seven years ago, there has been an explosion of knowledge in neuromodulation, optogenetics, bioelectronics medicine and brain computer interfacing. Users will find unique discussions of the fundamental principles of neuromodulation and therapies, and how they are applied to the brain, spinal cord, peripheral nerves, autonomic nerves and various organs. The book focuses on comprehensive coverage of spinal cord stimulation, non-interventional and interventional brain stimulation, peripheral nerve stimulation, and the emerging fields of neuromodulation, including optogenetics and bioelectronics medicine. Provides a comprehensive reference that covers all aspects of the growing field of neuromodulation Written by international, leading authorities in their respective fields of neuromodulation, pain management, functional neurosurgery and biomedical engineering Includes new chapters on optogenetics, bioelectronics medicine and brain computer interfacing Part of the renowned Braunwald family of references, Clinical Lipidology: A Companion to Braunwald's Heart Disease provides today's clinicians with clear, authoritative guidance on the therapeutic management of patients with high

cholesterol levels and other atherogenic lipid disorders. An invaluable resource for cardiologists, lipidologists, endocrinologists, and internal medicine physicians, this one-stop reference covers everything from basic science and the pathogenesis of atherothrombotic disease to risk assessment and the latest therapy options. Now fully updated from cover to cover, the 3rd Edition offers unparalleled coverage of lipidology in an accessible and user-friendly manner. Thoroughly covers the assessment, diagnosis, and treatment of patients with elevated levels of lipids and lipoproteins, including all the latest research-based recommendations, therapeutic breakthroughs, and related clinical advances. Presents the latest data on clinical guidelines, risk assessments, and established and emerging pharmacologic and nonpharmacologic therapies—all from internationally recognized experts in the field. Features condensed, streamlined content that focuses on clinical applications and applying concepts to the practice setting. Chapters have now been completely reorganized into sections on risk assessment; therapy; new and evolving therapeutic targets and platforms; and special populations. Includes new chapters on Polygenic Risk Scores; Inclisiran; Bempedoic Acid; Selective Peroxisome Proliferator–Activated Receptor–a Modulator: Pemafibrate; Evolving Therapeutic Targets: Lp(a), ANGPTL3, and ApoC-III; New Therapeutic Platforms: Gene Therapy and Genome Editing; and more. Contains new or

expanded content on inflammation; genetic testing; troponins for risk assessment; statins and role of bile acid sequestrants, niacin, and fibrates; mAbs; CANTOS and CIRT; colchicine; IL-6; and cellular, molecular, and genetic therapy. Provides treatment algorithms throughout, as well as case vignettes that highlight the most common clinical questions in each chapter. Incorporates the latest guidelines from the AHA, ACC, ESC, and EAS, as well as future directions for ongoing research and emerging applications. The prevalence of adult cognitive disorders will dramatically rise over the next 25 years due to the aging population. Clinical research on adult cognitive disorders has rapidly evolved, including evidence of new adult cognitive disorders and greater insight into the clinical presentation, mechanism, diagnosis, and treatment of established diseases. The Oxford Handbook of Adult Cognitive Disorders is an up-to-date, scholarly, and comprehensive volume covering most diseases, conditions, and injuries resulting in impairments in cognitive function in adults. Topics covered include normal cognitive and brain aging, the impact of medical disorders and psychiatric illnesses on cognitive function, adult neurodevelopmental disorders, and various neurological conditions. This Handbook also provides a section on unique perspectives and special considerations for clinicians and clinical researchers, covering topics such as cognitive reserve, genetics, diversity, and neuroethics. Readers will be

able to draw upon this volume to facilitate clinical practice (including differential diagnosis, treatment recommendations, assessment practices), and to obtain an in-depth review of current research across a wide spectrum of disorders, provided by leaders in their fields. The Oxford Handbook of Adult Cognitive Disorders is a one-of-a-kind resource appropriate for both clinicians and clinical researchers, from advanced trainees to seasoned professionals. Vaughn Vernon presents concrete and realistic domain-driven design (DDD) techniques through examples from familiar domains, such as a Scrum-based project management application that integrates with a collaboration suite and security provider. Each principle is backed up by realistic Java examples, and all content is tied together by a single case study of a company charged with delivering a set of advanced software systems with DDD. The Oxford Handbook of Acculturation and Health expertly brings together two very distinct, but complementary, streams of work and thought: theoretical and methodological work on acculturation, and the applied work linking acculturation to various health outcomes among international migrants and their families. In this important volume, the work of landmark acculturation theorists and methodologists come together to showcase applied epidemiologic and intervention work on the issues facing acculturation and public health today. Edited by Seth J. Schwartz and Jennifer B. Unger, this Handbook

is divided into two important parts for readers. Part one features chapters that are dedicated to theoretical and methodological work on acculturation, including definitional issues, measurement issues, and procedures for studying acculturation across immigrant groups and national contexts. The second part focuses on the links between acculturation and various health outcomes, such as obesity, physical activity, drug and alcohol abuse, mental health, delinquency, and suicide. Notably, because a majority of the research on acculturation and health has been conducted on Hispanic immigration, this volume contextualizes that research and offers readers compelling insight for how to apply these principles to other immigrant groups in the United States and around the world. This portable reference bases practical treatment recommendations and guidelines on evidence-based medicine. The concise clinical chapters are organized by body site for easy access to critical information, highlighting "pearls" of epidemiology, anatomy, pathology, and clinical presentation. Key facets of the work-up are listed, followed by staging and risk classification systems. Discussion of treatment recommendations is based on stage, histology, and risk classification, with summaries of key trials and studies providing rationale. Each chapter outlines possible complications and follow-up guidelines. Appendices cover performance status scales, radionucleotides used in brachytherapy, radiation safety, tumor markers,

immunophenotyping and cytogenetics, and commonly prescribed drugs. In emergency and disaster scenarios, it is vital to have a stable and effective infrastructure for relaying communication to the public. With the advent of new technologies, more options are available for enhancing communication systems. *Multimedia Services and Applications in Mission Critical Communication Systems* is a comprehensive source of academic research on the challenges and solutions in creating stable mission critical systems and examines methods to improve system architecture and resources. Highlighting innovative perspectives on topics such as quality of service, performance metrics, and intrusion detection, this book is ideally designed for practitioners, professionals, researchers, graduate students, and academics interested in public safety communication systems. In the Third Edition of *The Psychology Research Handbook* editors Frederick T. L. Leong and James T. Austin have assembled experienced expert researchers to provide graduate students and research assistants with a comprehensive framework for conducting many types of psychology research. The book is organized around the idea of a "research script," following the step-by-step process of research planning, design, data collection, analysis, and disseminating research. Many chapters are coauthored by advanced graduate students to give their fellow students a sense of real-world research, adding to the clarity and practicality of many chapters. Students

and instructors alike will appreciate chapters on topics typically missing from introductory methods texts, including applying for research grants, dealing with journal editors and reviewers, working within research teams, and conducting cross-cultural research. Structures such as recommended readings and exercises guide students to develop and expand their research skills. New chapters include Power and Evidence, IRB as Critical Collaborators in Research, Alternative Data Collection Strategies, Structural Equation Modeling and Replicability and Reproducibility. A comprehensive, easy-to-understand guide to the entire research process, this book quickly and efficiently equips advanced students and research assistants to conduct a full research project. Contains data on over 300 liquid cargoes being transported in bulk by water. This Chemical Data Guide was developed in the interest of safe water movement of bulk chemicals. By providing key chemical information, this guide can help prevent or at least minimize the harmful effects of chemical accidents on the waterways. Edge indexed. “Dr Charlotte R. Pennington has pulled off a remarkable trifecta of being clear, concise, and comprehensive in covering the origins of the open science movement and practical advice for adopting the behaviors” Professor Brian Nosek, Executive Director, Center for Open Science; University of Virginia, US “My hope is that every psychology student will finish their degree with a heavily annotated, well-



thumbed copy of this important and timely book!” Dr Madeleine Pownall, University of Leeds, UK “This book should be on the reading list for all university science degrees and on all library bookshelves. It is concise, accessible, and remarkably interactive, with brilliant use of examples and learning activities. Is there a better instruction manual on how to do science properly? If there is, I haven’t seen it.” Professor Chris Chambers, Cardiff University, UK “This book will equip future generations with the tools necessary to improve our disciplines, and thereby represents a significant ray of hope for the future. Essential and timely.” Dr Emma Henderson, University of Surrey, UK A Student’s Guide to Open Science explores the so-called “replication crisis” in psychology (the inherent difficulties in replicating or reproducing research results to test the robustness of findings) while delving into the ways that open science can address the crisis by transforming research practice. Students will develop a fundamental understanding of the origins and drivers of the crisis and learn how open science practices can enhance research transparency, replication, and reproducibility. With a handy, digestible guide for students and researchers alike on how to implement open science practices within their own workflow, as well as pedagogic teaching and learning activities that can be re-used by educators, Pennington’s new book is an essential guide to navigating the replication crisis. Key features of this book include: •

An overview of landmark events that will mark the history of the replication crisis. • Case studies of classic psychological studies undergoing replication. • Test yourself activities to reinforce learning of key concepts, including an open science crossword! • Top tips for adopting open science practices, including study preregistration, Registered Reports, and open materials, code, and data. • Useful illustrations to aid understanding and facilitate revision. New concepts and practices can often feel overwhelming, but this book aims to help students and educators pick what they want from the ‘open science buffet’ and return to the table to fill up their plates again and again. Remember, we are all students of open science and will be for many years to come! Dr Charlotte R. Pennington is a Lecturer in Psychology at Aston University, Birmingham, UK and a Fellow of the Higher Education Academy. She is an expert in open science and advocates for the teaching of this within higher education pedagogy. Provides health professionals with a single, accessible, and interesting source to prepare for the field of occupational and environmental medicine. The new edition is extensively updated and includes questions for review in preparation for taking exams. This set is designed to be a thorough introduction for physicians entering the occupational and environmental medicine field, whether preparing for specialty examinations or moving into the field from other medical specialties or from primary

care. It also serves as a convenient guide and reference for nurses, health professionals, and those outside of health care who need a quick orientation. The set is written with a strong and coherent point of view about the value of occupational and environmental medicine and commitment to ethical, worker-centered practice. It is unusual in the depth of its coverage; its inclusion of important topics that are usually overlooked in textbooks of the field, such as risk science; its emphasis on good management of occupational health services; and its thorough integration of material that fits topics together rather than presenting them as if they were separate and unrelated. The two-volume set LNAI 11288 and 11289 constitutes the proceedings of the 17th Mexican International Conference on Artificial Intelligence, MICA I 2018, held in Guadalajara, Mexico, in October 2018. The total of 62 papers presented in these two volumes was carefully reviewed and selected from 149 submissions. The contributions are organized in topical as follows: Part I: evolutionary and nature-inspired intelligence; machine learning; fuzzy logic and uncertainty management. Part II: knowledge representation, reasoning, and optimization; natural language processing; and robotics and computer vision. Vols. for 1964- have guides and journal lists. For disciplines concerned with human well-being, such as medicine, psychology, and law, statistics must be used in accordance with standards for ethical practice. A Statistical Guide for the Ethically

Perplexed illustrates the proper use of probabilistic and statistical reasoning in the behavioral, social, and biomedical sciences. Designed to be consulted when learning formal statistical techniques, the text describes common instances of both correct and false statistical and probabilistic reasoning. Lauded for their contributions to statistics, psychology, and psychometrics, the authors make statistical methods relevant to readers' day-to-day lives by including real historical situations that demonstrate the role of statistics in reasoning and decision making. The historical vignettes encompass the English case of Sally Clark, breast cancer screening, risk and gambling, the Federal Rules of Evidence, "high-stakes" testing, regulatory issues in medicine, difficulties with observational studies, ethics in human experiments, health statistics, and much more. In addition to these topics, seven U.S. Supreme Court decisions reflect the influence of statistical and psychometric reasoning and interpretation/misinterpretation. Exploring the intersection of ethics and statistics, this comprehensive guide assists readers in becoming critical and ethical consumers and producers of statistical reasoning and analyses. It will help them reason correctly and use statistics in an ethical manner. Introduction to Clinical Psychology: An Evidence-Based Approach, 4th Edition by University of Ottawa authors Catherine M. Lee and John Hunsley introduces students to the theories and practices of clinical psychology and conveys the

important work done by clinical psychologists. This text is designed to be helpful not only to those who will go on to careers in clinical psychology, but also to those who will choose other career paths. Summary Java Persistence with Hibernate, Second Edition explores Hibernate by developing an application that ties together hundreds of individual examples. In this revised edition, authors Christian Bauer, Gavin King, and Gary Gregory cover Hibernate 5 in detail with the Java Persistence 2.1 standard (JSR 338). All examples have been updated for the latest Hibernate and Java EE specification versions. About the Technology Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. Persistence—the ability of data to outlive an instance of a program—is central to modern applications. Hibernate, the most popular Java persistence tool, offers automatic and transparent object/relational mapping, making it a snap to work with SQL databases in Java applications. About the Book Java Persistence with Hibernate, Second Edition explores Hibernate by developing an application that ties together hundreds of individual examples. You'll immediately dig into the rich programming model of Hibernate, working through mappings, queries, fetching strategies, transactions, conversations, caching, and more. Along the way you'll find a well-illustrated discussion of best practices in database design and optimization techniques. In this revised edition,

authors Christian Bauer, Gavin King, and Gary Gregory cover Hibernate 5 in detail with the Java Persistence 2.1 standard (JSR 338). All examples have been updated for the latest Hibernate and Java EE specification versions. What's Inside Object/relational mapping concepts Efficient database application design Comprehensive Hibernate and Java Persistence reference Integration of Java Persistence with EJB, CDI, JSF, and JAX-RS \* Unmatched breadth and depth About the Reader The book assumes a working knowledge of Java. About the Authors Christian Bauer is a member of the Hibernate developer team and a trainer and consultant. Gavin King is the founder of the Hibernate project and a member of the Java Persistence expert group (JSR 220). Gary Gregory is a principal software engineer working on application servers and legacy integration. Table of Contents PART 1 GETTING STARTED WITH ORM Understanding object/relational persistence Starting a project Domain models and metadata PART 2 MAPPING STRATEGIES Mapping persistent classes Mapping value types Mapping inheritance Mapping collections and entity associations Advanced entity association mappings Complex and legacy schemas PART 3 TRANSACTIONAL DATA PROCESSING Managing data Transactions and concurrency Fetch plans, strategies, and profiles Filtering data PART 4 WRITING QUERIES Creating and executing queries The query languages Advanced query

options Customizing SQL This book covers statistical consequences of breaches of research integrity such as fabrication and falsification of data, and researcher glitches summarized as questionable research practices. It is unique in that it discusses how unwarranted data manipulation harms research results and that questionable research practices are often caused by researchers' inadequate mastery of the statistical methods and procedures they use for their data analysis. The author's solution to prevent problems concerning the trustworthiness of research results, no matter how they originated, is to publish data in publicly available repositories and encourage researchers not trained as statisticians not to overestimate their statistical skills and resort to professional support from statisticians or methodologists. The author discusses some of his experiences concerning mutual trust, fear of repercussions, and the bystander effect as conditions limiting revelation of colleagues' possible integrity breaches. He explains why people are unable to mimic real data and why data fabrication using statistical models stills falls short of credibility. Confirmatory and exploratory research and the usefulness of preregistration, and the counter-intuitiveness of statistics, are discussed. The author questions the usefulness of statistical advice concerning frequentist hypothesis testing, Bayes-factor use, alternative statistics education, and reduction of situational disturbances like

performance pressure, as stand-alone means to reduce questionable research practices when researchers lack experience with statistics. El Manual Internacional de Pruebas y Evaluación del ITC es un libro en el que se exponen los lineamientos establecidos por la International Test Commission, para las diversas áreas de la psicología. El ITC busca facilitar el intercambio de información entre los miembros y estimular la cooperación en problemas relacionados con construcción, distribución y uso de evaluaciones psicológicas, así como otras herramientas psico diagnósticas. El ITC ha buscado avanzar en conocimiento y buenas prácticas en relación con pruebas internacionales a través de publicar lineamientos y una revista, la International Journal of Testing. Consistentes con estos objetivos, el consejo ejecutivo de la ITC decidió lanzar un manual para presentar un resumen del estado del arte en pruebas internacionales. Tiene el objetivo de abordar los muchos desafíos que enfrenta la aplicación transcultural de las pruebas, tanto educativas como psicológicas en esta era de globalización. También representa y exhibe los esfuerzos concentrados del ITC en el abordaje de un gran espectro de problemas y complejidades, en las pruebas psicológicas internacionales. Este manual, finalmente, fue diseñado para proporcionar información y recursos para ayudar a guiar a los profesionales y egresados sobre pruebas y evaluaciones desde una perspectiva internacional y global.



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