
Forensic Data Analytics Ey United States

United States Code Annotated
 Clinician's Guide to Psychological Assessment and Testing
 Case Studies in Forensic Accounting and Fraud Auditing (2nd Edition)
 Key Concepts and Cases
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 Introduction to Forensic Chemistry
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United States Code Annotated CRC Press
 Individual Participant Data Meta-Analysis: A Handbook for Healthcare Research provides a comprehensive introduction to the fundamental principles and methods that healthcare researchers need when considering, conducting or using individual participant data (IPD) meta-analysis projects. Written and edited by researchers with substantial experience in the field, the book details key concepts and practical guidance for each stage of an IPD meta-analysis project, alongside illustrated examples and summary learning points. Split into five parts, the book chapters take the reader through the journey from initiating and planning IPD projects to obtaining, checking, and meta-analysing IPD, and appraising and reporting findings. The book initially focuses on the synthesis of IPD from randomised trials to evaluate treatment effects, including the evaluation of participant-level effect modifiers (treatment-covariate interactions). Detailed extension is then made to specialist topics such as diagnostic test accuracy, prognostic factors, risk

prediction models, and advanced statistical topics such as multivariate and network meta-analysis, power calculations, and missing data. Intended for a broad audience, the book will enable the reader to: Understand the advantages of the IPD approach and decide when it is needed over a conventional systematic review Recognise the scope, resources and challenges of IPD meta-analysis projects Appreciate the importance of a multi-disciplinary project team and close collaboration with the original study investigators Understand how to obtain, check, manage and harmonise IPD from multiple studies Examine risk of bias (quality) of IPD and minimise potential biases throughout the project Understand fundamental statistical methods for IPD meta-analysis, including two-stage and one-stage approaches (and their differences), and statistical software to implement them Clearly report and disseminate IPD meta-analyses to inform policy, practice and future research Critically appraise existing IPD meta-analysis projects Address specialist topics such as effect modification, multiple correlated outcomes, multiple treatment comparisons, non-linear relationships, test accuracy at multiple thresholds, multiple imputation, and developing and validating clinical prediction models Detailed examples and case studies are provided throughout.

Clinician's Guide to Psychological Assessment and Testing
Routledge

This is a print on demand edition of a hard to find publication.

Explores whether sufficient data exists to examine the temporal and spatial relationships that existed in terrorist group planning, and if so, could patterns of preparatory conduct be identified?

About one-half of the terrorists resided, planned, and prepared for terrorism relatively close to their eventual target. The terrorist groups existed for 1,205 days from the first planning meeting to the date of the actual/planned terrorist incident. The planning process for specific acts began 2-3 months prior to the terrorist incident. This study examined selected terrorist groups/incidents in the U.S. from 1980-2002. It provides for the potential to identify patterns of conduct that might lead to intervention prior to the commission of the actual terrorist incidents. Illustrations.

Case Studies in Forensic Accounting and Fraud Auditing (2nd Edition) Strengthening Forensic Science in the United States A Path Forward

Reviews the circumstances surrounding the Challenger accident to establish the probable cause or causes of the accident.

Develops recommendations for corrective or other action based upon the Commission's findings and determinations. Color photos, charts and tables.

Key Concepts and Cases CRC Press

Major developments in the field since the publication of *Learning Forensic Assessment* are integrated in this revised edition, including revised editions of the DSM-5, HCR-20 scale, and child custody guidelines. This textbook is designed for graduate students learning forensic assessment and psychologists coming to forensic practice later in their careers. It is organized around five broad areas: Professional and Practice Issues, Adult Forensic Assessment, Juvenile Forensic Assessment, Civil Forensic Assessment, and Communicating Your Findings. Each chapter begins with a strong teaching and learning foundation. The latter part of each chapter is assessment specific, covering available assessment measures and approaches to assessment. The authors go well beyond simple descriptions of assessment measures and provide a conceptual discussion of the evaluation process that helps the reader understand how assessment measures fit into the overall evaluation process. The evaluation component is geared toward assessing the important aspects of the construct as laid out in the early part of each chapter. Each chapter then concludes with a case example to illustrate the measures and techniques described.

Report of the Presidential Commission on the Space Shuttle Challenger Accident Springer Publishing Company

Chemistry/Forensic Science Forensic chemistry is a subdiscipline of forensic science, its principles guide the analyses performed in modern forensic laboratories. Forensic chemistry's roots lie in medico-legal investigation, toxicology and microscopy and have since led the development of modern forensic analytic techniques and practices for use in a variety of applications. *Introduction to Forensic Chemistry* is the perfect balance of testing methods and application. Unlike other competing books on the market, coverage is neither too simplistic, nor overly advanced making the book ideal for use in both undergraduate and graduate courses. The book introduces chemical tests, spectroscopy, advanced spectroscopy, and chromatography to students. The second half of the book addresses applications and methods to analyze and interpret controlled substances, trace evidence, questioned documents, firearms, explosives, environmental contaminants, toxins, and other topics. The book looks at innovations in the field over time including the latest development of new discernible chemical reactions, instrumental tools, methods, and more. Key features: Nearly 300 full-color

figures illustrating key concepts and over 20 case studies

Addresses all the essential topics without extraneous or overly advanced coverage Includes full pedagogy of chapter objectives, key terms, lab problems, end of chapter questions, and additional readings to emphasize key learning points Includes chemical structures and useful spectra as examples Fulfills the forensic chemistry course requirement in FEPAC-accredited programs Includes a chapter on Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) materials Comprehensive and accessible, without being overly technical, *Introduction to Forensic Chemistry* will be a welcome addition to the field and an ideal text designed for both the student user and professor in mind. Course ancillaries including an Instructor's Manual with Test Bank and chapter PowerPoint® lecture slides are available with qualified course adoption.

Introduction to Forensic Chemistry John Wiley & Sons

In common with previous issues, the 2012 Review contains critical analysis and a wealth of unique data, including long-term data series on seaborne trade, fleet capacity, shipping services and port handling activities. This year's Review notes that world seaborne trade grew by 4 per cent in 2011, whereas the tonnage of the world fleet grew at a greater rate, by almost 10 per cent, as shipowners took delivery of vessels that had been ordered before the economic crisis began. With supply outstripping demand, freight rates fell even further, to unprofitable levels for most shipping companies. For importers and exporters, however, the low freight rates helped to reduce transaction costs, which is important for helping to revive global trade. As freight traffic continues to grow, the question of how to ensure the long-term sustainability of such growth is playing an increasingly important part in the policy debate on globalisation, trade and development, environmental sustainability, energy security and climate change. Reflecting these new realities, this year's Review of Maritime Transport addresses a range of relevant issues in this context and includes a special chapter on sustainable freight transport. This chapter highlights the impacts of freight transport activity, for example on the environment, human health and the climate, and the consequent need to reduce the sector's energy consumption and emissions. If left unchecked, such unsustainable patterns are likely to intensify, increasing the potential for global energy and environmental crises, and risk undermining progress being made on sustainable development and growth. Promoting a shift towards sustainable freight transport will help improve the sector's energy efficiency, reduce its heavy reliance on oil, and limit environmental and climate change impacts. In this context, developing effective policies and measures, including for the purpose of climate change mitigation and adaptation, and ensuring appropriate financing, are major challenges, especially for developing countries

How One Hacker Took Over the Billion-Dollar Cybercrime Underground Springer Science & Business Media

Taken literally, the title "All of Statistics" is an exaggeration. But in spirit, the title is apt, as the book does cover a much broader range of topics than a typical introductory book on mathematical statistics. This book is for people who want to learn probability and statistics quickly. It is suitable for graduate or advanced undergraduate students in computer science, mathematics, statistics, and related disciplines. The book includes modern topics like non-parametric curve estimation, bootstrapping, and classification, topics that are usually relegated to follow-up courses. The reader is presumed to know calculus and a little linear algebra. No previous knowledge of probability and statistics is required. Statistics, data mining, and machine learning are all concerned with collecting and analysing data.

Integrated Transformation Strategies United Nations Publications

Event mining encompasses techniques for automatically and efficiently extracting valuable knowledge from historical event/log data. The field, therefore, plays an important role in data-driven system management. *Event Mining: Algorithms and Applications* presents state-of-the-art event mining approaches and applications with a focus on computing system management. The book first explains how to transform log data in disparate formats and contents into a canonical form as well as how to optimize system monitoring. It then shows how to extract useful knowledge from data. It describes intelligent and efficient methods and algorithms to perform data-driven pattern discovery and problem determination for managing complex systems. The book also discusses data-driven approaches for the detailed diagnosis of a system issue and addresses the application of event summarization in Twitter messages (tweets).

Understanding the interdisciplinary field of event mining can be challenging as it requires familiarity with several research areas and the relevant literature is scattered in diverse publications. This book makes it easier to explore the field by providing both a good starting point for readers not familiar with the topics and a comprehensive reference for those already working in this area.

New Real Estate Sales Guide Emerald Group Publishing

The last decade has witnessed the rise of big data in game development as the increasing proliferation of Internet-enabled gaming devices has made it easier than ever before to collect large amounts of player-related data. At the same time, the emergence of new business models and the diversification of the player base have exposed a broader potential audience, which attaches great importance to being able to tailor game experiences to a wide range of preferences and skill levels. This, in turn, has led to a growing interest in data mining techniques, as they offer new opportunities for deriving actionable insights to inform game design, to ensure customer satisfaction, to maximize revenues, and to drive technical innovation. By now, data mining and analytics have become vital components of game development. The amount of work being done in this area nowadays makes this an ideal time to put together a book on this subject. *Data Analytics Applications in Gaming and Entertainment* seeks to provide a cross section of current data analytics applications in game production. It is intended as a companion for practitioners, academic researchers, and students seeking knowledge on the latest practices in game data mining. The chapters have been chosen in such a way as to cover a wide range of topics and to provide readers with a glimpse at the variety of applications of data mining in gaming. A total of 25 authors from industry and academia have contributed 12 chapters covering topics such as player profiling, approaches for analyzing player communities and their social structures, matchmaking, churn prediction and customer lifetime value estimation, communication of analytical results, and visual approaches to game analytics. This book's perspectives and concepts will spark heightened interest in game analytics and foment innovative ideas that will advance the exciting field of online gaming and entertainment.

All of Statistics John Wiley & Sons

This enlarged edition takes into account the changes that have taken place since the first edition was published in 1985 - changes to property law, sales, marketing and the market trends. The book aims to provide the practical information necessary for the attainment of professional success.

Next-Generation Enterprise Security and Governance Johns Hopkins University Press

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Document Retrieval Index Springer Nature

The book includes an analysis of the constitutionality of many recommended policies and data from a national public opinion poll that reflects support among the majority of Americans—including gun owners—for stronger gun policies.

With Forms and Templates for Effective Practice Juta and Company Ltd

This valuable compendium advances the understanding of mental health case law, making it highly accessible to practicing forensic professionals. Divided into two parts, the first section focuses on explaining important topics related to forensic psychological and forensic neuropsychological assessment, while the second section stands on its own as a collection of fascinating legal cases with high relevance to mental health and legal professionals interested in how mental health disorders impact criminal behavior among juveniles and adults. The book begins with an accessible primer on abnormal behavior, exploring the links between criminal behavior and mental health disorders. It goes on to thoroughly describe what goes into forensic psychological and forensic neuropsychological evaluations, including discussion about the Federal Rules of Evidence, as they pertain to evidence-generation during the mental health evaluation process. The book also focuses on psychometric concepts, including reliability, validity, sensitivity, and specificity, as well as an exploration of 'science' and 'the law' which includes a discussion about the difference between science and pseudoscience, the different sources of law (constitutions, statutes, and case law), and how the intellectually competitive practice of law is similar to the enterprise of science. Ethical issues faced by the forensic mental health worker are also addressed. The second section of the book, *Legal Cases for the Forensic Mental Health Professional*, is an alphabetical summary of important and interesting legal cases with relevance for mental health professionals. These cases offer real-world significance while summarizing complex legal decisions through a neuropsychological sieve, to allow both legal and psychological communities to better understand each other's professions. This book will be an invaluable resource for forensic psychologists, forensic neuropsychologists, forensic psychiatrists, and other mental health professionals whose work brings them into contact with the juvenile justice and adult criminal justice system. It will also be of interest to legal professionals, criminal justice departments, and law schools.

Geriatric Forensic Psychiatry Security, Audit and Leadership Series

In 1992 the National Research Council issued *DNA Technology in Forensic Science*, a book that documented the state of the art in this emerging field. Recently, this volume was brought to worldwide attention in the murder trial of celebrity O. J. Simpson. *The Evaluation of Forensic DNA Evidence* reports on developments in population genetics and statistics since the original volume was published. The committee comments on statements in the original book that proved controversial or that have been misapplied in the courts. This volume offers recommendations for handling DNA samples, performing calculations, and other aspects of using DNA as a forensic tool--modifying some recommendations presented in the 1992 volume. The update addresses two major areas: Determination of DNA

profiles. The committee considers how laboratory errors (particularly false matches) can arise, how errors might be reduced, and how to take into account the fact that the error rate can never be reduced to zero. Interpretation of a finding that the DNA profile of a suspect or victim matches the evidence DNA. The committee addresses controversies in population genetics, exploring the problems that arise from the mixture of groups and subgroups in the American population and how this substructure can be accounted for in calculating frequencies. This volume examines statistical issues in interpreting frequencies as probabilities, including adjustments when a suspect is found through a database search. The committee includes a detailed discussion of what its recommendations would mean in the courtroom, with numerous case citations. By resolving several remaining issues in the evaluation of this increasingly important area of forensic evidence, this technical update will be important to forensic scientists and population geneticists--and helpful to attorneys, judges, and others who need to understand DNA and the law. Anyone working in laboratories and in the courts or anyone studying this issue should own this book.

Handbook of Psychology, Forensic Psychology DIANE Publishing

Geriatric Forensic Psychiatry: Principles and Practice is one of the first texts to provide a comprehensive review of important topics in the intersection of geriatric psychiatry, medicine, clinical neuroscience, forensic psychiatry, and law. It will speak to a broad audience among varied fields, including clinical and forensic psychiatry and mental health professionals, geriatricians and internists, attorneys and courts, regulators, and other professionals working with the older population. Topics addressed in this text, applied to the geriatric population, include clinical forensic evaluation, regulations and laws, civil commitment, different forms of capacity, guardianship, patient rights, medical-legal issues related to treatment, long term care and telemedicine, risk management, patient safety and error reduction, elder driving, sociopathy and aggression, offenders and the adjudication process, criminal evaluations, corrections, ethics, culture, cognitive impairment, substance abuse, trauma, older professionals, high risk behavior, and forensic mental health training and research. Understanding the relationship between clinical issues, laws and regulations, and managing risk and improving safety, will help to serve the growing older population.

Basis for conclusions on IFRS 3 business combinations JHU Press

Strengthening Forensic Science in the United States A Path Forward National Academies Press

Reducing Gun Violence in America Routledge

Future-proof your business today for stronger performance tomorrow The Stress Test Every Business Needs: A Capital Agenda for Confidently Facing Digital Disruption, Difficult Investors, Recessions and Geopolitical Threats provides a comprehensive approach to creating value and flexibility in an increasingly volatile business environment that presents both great risks and opportunities every day. The authors extend the banking "stress test" concept to a company's Capital Agenda — how executives manage capital, execute transactions and apply corporate finance tools to strategic and operational decisions. Having a static Capital Agenda, however appropriate for your current market position, is not enough in today's uncertain world. Long-term success comes from building resilience into each element and in the way those elements interact. The book uses a broader definition of business stress that includes traditional macroeconomic and geopolitical risks, as well as technological disruption, hostile takeovers and activist shareholders.

Companies that make poor strategic decisions or underperform operationally will likely find themselves facing great stress. And that stress is symmetric; threats come from downside risks and from missed opportunities. The chapters address the how and why of essential issues such as: Formulating corporate strategy in a digital world Pre-empting activist shareholders Restoring distressed companies to operational and financial health Ensuring effective collaboration among strategy, finance and operations Getting the most out of your advisors Proactively managing intrinsic value Rigorously allocating capital across the enterprise Acquiring and divesting for optimum value Syncing financing decisions with business strategy and capital market conditions Incorporating tax planning throughout the Capital Agenda Liberating excess cash with leading working capital management practices Aligning strategic goals and metrics to reach your company's full potential Companies that develop strategy and set operational priorities with a balanced Capital Agenda are best positioned to control their own destiny. The Stress Test Every Business Needs provides a roadmap to future-proof your business today for stronger performance tomorrow.

Digital Contact Tracing for Pandemic Response National Academies Press

In the 18 chapters in this volume of Contemporary Studies in Economic and Financial Analysis, expert contributors gather together to examine the extent and characteristics of forensic accounting, a field which has been practiced for many years, but is still not internationally regulated yet.

Kingpin Charles C Thomas Publisher

This book will address the cybersecurity and cooperate governance challenges associated with enterprises, providing a bigger picture of the concepts, intelligent techniques, practices, and open research directions in this area.

A Practical Approach to Working with Data Broadway Books

Digital forensics and multimedia forensics are rapidly growing disciplines whereby electronic information is extracted and interpreted for use in a court of law. These two fields are finding increasing importance in law enforcement and the investigation of cybercrime as the ubiquity of personal computing and the internet becomes ever-more apparent. Digital forensics involves investigating computer systems and digital artefacts in general, while multimedia forensics is a sub-topic of digital forensics focusing on evidence extracted from both normal computer systems and special multimedia devices, such as digital cameras. This book focuses on the interface between digital forensics and multimedia forensics, bringing two closely related fields of forensic expertise together to identify and understand the current state-of-the-art in digital forensic investigation. Both fields are expertly attended to by contributions from researchers and forensic practitioners specializing in diverse topics such as forensic authentication, forensic triage, forensic photogrammetry, biometric forensics, multimedia device identification, and image forgery detection among many others. Key features: Brings digital and multimedia forensics together with contributions from academia, law enforcement, and the digital forensics industry for extensive coverage of all the major aspects of digital forensics of multimedia data and devices Provides comprehensive and authoritative coverage of digital forensics of multimedia data and devices Offers not only explanations of techniques but also real-world and simulated case studies to illustrate how digital and multimedia forensics techniques work Includes a companion website hosting continually updated supplementary materials ranging from extended and updated coverage of standards to best practice guides, test datasets and more case studies

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