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Decentralized Governance and Accountability Jonathan A. Rodden 2019-02-28 Reviews recent lessons about decentralized governance and implications for future development programs and policies.

Rodent Model as Tools in Ethical Biomedical Research Monica Levy Andersen 2015-11-26 ?The objective of this book is to concisely present information with respect to appropriate use of experimental rodents in research. The principles elaborated seek to provide knowledge of the techniques involved in both management and scientific research to all who use laboratory animals, with a focus on the well-being and ethics regarding rodents and also to fortify the awareness of the importance of the animal as a study object and to offer orientation and assistance in conducting laboratory research, education or tests.

Methods of Behavior Analysis in Neuroscience Jerry J. Buccafusco 2000-08-29 Using the most well-studied behavioral analyses of animal subjects to promote a better understanding of the effects of disease and the effects of new therapeutic treatments on human cognition, Methods of Behavior Analysis in Neuroscience provides a reference manual for molecular and cellular research scientists in both academia and the pharmaceutical

Vegetarian and Plant-Based Diets in Health and Disease Prevention François Mariotti 2017-05-23 Vegetarian and Plant-Based Diets in Health and Disease Prevention examines the science of vegetarian and plant-based diets and their nutritional impact on human health. This book assembles the science related to vegetarian and plant-based diets in a comprehensive, balanced, single reference that discusses both the overall benefits of plant-based diets on health and the risk of disease and issues concerning the status in certain nutrients of the individuals, while providing overall consideration to the entire spectrum of vegetarian diets. Broken into five sections, the first provides a general overview of vegetarian / plant-based diets so that readers have a foundational understanding of the topic. Dietary choices and their relation with nutritional transition and sustainability issues are discussed. The second and third sections provide a comprehensive description of the relationship between plant-based diets and health and disease prevention. The fourth section provides a deeper look into how the relationship between plant-based diets and health and disease prevention may differ in populations with different age or physiological status. The fifth and final section of the book details the nutrients and substances whose intakes are related to the proportions of plant or animal products in the diet. Discusses the links between health and certain important characteristics of plant-based diets at the level of food groups Analyzes the relation between plant-based diet and health at the different nutritional levels, i.e. from dietary patterns to specific nutrients and substances Provides a balanced evidence-based approach to analyze the positive and negative aspects of vegetarianism Addresses the different aspects of diets predominantly based on plants, including geographical and cultural variations of vegetarianism

International Aid and Democracy Promotion Bann Seng Tan 2020-10-30 International Aid and Democracy Promotion investigates the link between foreign aid and the promotion of democracy, using theory, statistical tests and illustrative case studies. This book challenges the field of development to recognize that democracy promotion is unlike other development goals. With a goal like economic development, the interests of the recipient and the donor coincide; whereas, with democratization, authoritarian recipients have strong reasons to oppose what donors seek. The different motivations of donors and recipients must be considered if democracy aid is to be effective. The author examines how donors exercise their leverage over aid recipients, and, more importantly, why, using selectorate theory to understand the incentives of both aid donors and recipients. International Aid and Democracy Promotion will be of great interest to academics and students of development and democratization, as well as policy makers with authority over foreign aid allocation. Open Access for this book is generously supported by the Ashoka University. The Political Economy of Democracy and Tyranny Norman Schofield 2009 One theme that has emerged from the recent literature on political economy concerns the transition to democracy: why would dominant elites give up oligarchic power? This book addresses the fundamental question of democratic stability and the collapse of tyranny by considering a formal model of democracy and tyranny. The formal model is used to study elections in developed polities such as the United States, the United Kingdom, the Netherlands, Canada, and Israel, as well as complex developing polities such as Turkey. The key idea is that activist groups may offer resources to political candidates if they in turn adjust their polities in favor of the interest group. In polities that use a "first past the post" electoral system, such as the US, the bargaining between interest groups and candidates creates a tendency for activist groups to coalesce; in polities such as Israel and the Netherlands, where the electoral system is very proportional, there may be little tendency for activist coalescence. A further feature of the model is that candidates, or political leaders, like Barack Obama, with high intrinsic charisma, or valence, will be attracted to the electoral center, while less charismatic leaders will move to the electoral periphery. This aspect of the model is used to compare the position taking and exercise of power of authoritarian leaders in Portugal, Argentina and the Soviet Union. The final chapter of the book suggests that the chaos that may be induced by climate change and rapid population growth can only be addressed by concerted action directed by a charismatic leader of the Atlantic democracies.

Social Science Concepts and Measurement Gary Goertz 2020-09-29 A fully revised edition of the classic reference on concepts and their role in social science research Social Science Concepts and Measurement offers an updated look at the theory and methodology of concepts for the social sciences. Emphasizing that most concepts are multilevel and multidimensional, this revised edition continues to bring the qualitative and quantitative closer together, with new chapters devoted to scaling, aggregation, and the methodological links between the semantics of concepts and numeric measures. In addition, it stresses that concepts are used for description and causal inference, and contain normative judgments. Initial chapters focus on conceptualization, followed by chapters on issues of measurement. The textbook examines concepts in the international arena (such as the global performance indicators used by international organizations like the UN and the World Bank), as well as classic paired concepts such as poverty and wealth, democracy and authoritarianism, and war and peace. Additionally, it explores such topics as typologies, hybrid concepts, and how complex concepts constitute complex theories. The volume serves as a guide to the methodology of concepts in the classroom and is accompanied by more than two hundred exercises. Social Science Concepts and Measurement is an indispensable resource for graduate students and scholars.

Models, Numbers, and Cases Detlef F. Sprinz 2004 Publisher Description

International Classification of Functioning, Disability, and Health World Health Organization 2007 This publication is a derived version of the International Classification of Functioning, Disability and Health (ICF, WHO, 2001) designed to record characteristics of the developing child and the influence of environments surrounding the child . This derived version of the ICF can be used by providers, consumers and all those concerned with the health, education, and well being of children and youth. It provides a common and universal language for clinical, public health, and research applications to facilitate the documentation and measurement of health and disability in child and youth populations.--Publisher's description.

Liver Diseases Suzanne Sargent 2009-11-16 Liver disease is a rapidly growing speciality, and nurses and health care professionals need to have the relevant knowledge and skills to care for patients with liver problems in a safe and effective way. Liver Diseases is a comprehensive, evidence-based, practical guide to the nursing care and management of patients with liver disease. Liver Diseases explores a range of liver conditions, including cirrhosis, portal hypertension, alcoholic liver disease, viral hepatitis, autoimmune hepatitis, Wilson's disease and acute liver failure. It looks at the anatomy & physiology of the liver, assessment of liver function and diagnostic studies, acute and chronic liver disease, pregnancy related liver disease, liver transplantation and infectious liver diseases. For each condition the epidemiology, complications and nursing management are provided, along with illustrative case studies and further reading. Liver Diseases is an invaluable tool for all nurses and health care professionals working with people with liver disease. **SPECIAL FEATURES** The first UK book on care of the liver from a nursing and healthcare perspective Written by a well-respected and renowned author in the field Covers a wide spectrum of liver diseases, with relevant nursing management guidelines With case studies, further reading and illustrations throughout

A Companion to Research in Education Alan D. Reid 2013-11-11 This volume offers a unique commentary on the diverse ways that educational inquiry is conceived, designed and critiqued. An international team of scholars examines cross-cutting themes of how research in education is conceptualised, characterised, contextualised, legitimated and represented. Contributions include specially commissioned essays, critical commentaries, vignettes, dialogues and cases. Each section discusses the significance of a complex terrain of ideas and critiques that can inform thinking and practice in educational research. The result is a thorough and accessible volume that offers fresh insights into the perspectives and challenges that shape diverse genres of research in education. ?

History and Neorealism Ernest R. May 2010-09-09 Neorealists argue that all states aim to acquire power and that state cooperation can therefore only be temporary, based on a common opposition to a third country. This view condemns the world to endless conflict for the indefinite future. Based upon careful attention to actual historical outcomes, this book contends that, while some countries and leaders have demonstrated excessive power drives, others have essentially underplayed their power and sought less position and influence than their comparative strength might have justified. Featuring case studies from across the globe, History and Neorealism examines how states have actually acted. The authors conclude that leadership, domestic politics, and the domain (of gain or loss) in which they reside play an important role along with international factors in raising the possibility of a world in which conflict does not remain constant and, though not eliminated, can be progressively reduced.

Advances in Tourism, Technology and Systems António Abreu 2020-11-19 This book features a collection of high-quality research papers presented at the International Conference on Tourism, Technology & Systems (ICOTTS 2020), held at the University of Cartagena, in Cartagena de Indias, Colombia, from 29th to 31st October 2020. The book is divided into two volumes, and it covers the areas of technology in tourism and the tourist experience, generations and technology in tourism, digital marketing applied to tourism and travel, mobile technologies applied to sustainable tourism, information technologies in tourism, digital transformation of tourism business, e-tourism and tourism 2.0, big data and management for travel and tourism, geotagging and tourist mobility, smart destinations, robotics in tourism, and information systems and technologies.

Risk-Taking in International Politics Rose McDermott 2001 Discusses the way leaders deal with risk in making foreign policy decisions

Skilled Interpersonal Communication Owen Hargie 2004-06-01 Previous editions ('Social Skills in Interpersonal Communication') have established this work as the standard textbook on communication. Directly relevant to a multiplicity of research areas and professions, this thoroughly revised and updated edition has been expanded to include the latest research as well as a new chapter on negotiating. Key examples and summaries have been augmented to help contextualise the theory of skilled interpersonal communication in terms of its practical applications. Combining both clarity and a deep understanding of the subject matter, the authors have succeeded in creating a new edition which will be essential to anyone studying or working in the field of interpersonal communication.

Risk Assessment in Air Traffic Management Javier Alberto Pérez Castán 2020-03-18 One of the most complex challenges for the future of aviation is to ensure a safe integration of the expected air traffic demand. Air traffic is expected to almost double its current value in 20 years, which cannot be managed without the development and implementation of a safe air traffic management (ATM) system. In ATM, risk assessment is a crucial cornerstone to validate the operation of air traffic flows, airport processes, or navigation accuracy. This book tries to be a focal point and motivate further research by encompassing crosswise and widespread knowledge about this critical and exciting issue by bringing to light the different purposes and methods developed for risk assessment in ATM.

Progress in Pattern Recognition, Image Analysis, Computer Vision, and Applications Luis Alvarez 2012-08-11 This book constitutes the refereed proceedings of the 17th Iberoamerican Congress

on Pattern Recognition, CIARP 2012, held in Buenos Aires, Argentina, in September 2012. The 109 papers presented, among them two tutorials and four keynotes, were carefully reviewed and selected from various submissions. The papers are organized in topical sections on face and iris: detection and recognition; clustering; fuzzy methods; human actions and gestures; graphs; image processing and analysis; shape and texture; learning, mining and neural networks; medical images; robotics, stereo vision and real time; remote sensing; signal processing; speech and handwriting analysis; statistical pattern recognition; theoretical pattern recognition; and video analysis.

Natural Experiments in the Social Sciences Thad Dunning 2012-09-06 The first comprehensive guide to natural experiments, providing an ideal introduction for scholars and students.

Designing Social Inquiry Gary King 2021-08-17 The classic work on qualitative methods in political science *Designing Social Inquiry* presents a unified approach to qualitative and quantitative research in political science, showing how the same logic of inference underlies both. This stimulating book discusses issues related to framing research questions, measuring the accuracy of data and the uncertainty of empirical inferences, discovering causal effects, and getting the most out of qualitative research. It addresses topics such as interpretation and inference, comparative case studies, constructing causal theories, dependent and explanatory variables, the limits of random selection, selection bias, and errors in measurement. The book only uses mathematical notation to clarify concepts, and assumes no prior knowledge of mathematics or statistics. Featuring a new preface by Robert O. Keohane and Gary King, this edition makes an influential work available to new generations of qualitative researchers in the social sciences.

Outliers Malcolm Gladwell 2008-11-18 From the bestselling author of *Blink* and *The Tipping Point*, Malcolm Gladwell's *Outliers: The Story of Success* overturns conventional wisdom about genius to show us what makes an ordinary person an extreme overachiever. Why do some people achieve so much more than others? Can they lie so far out of the ordinary? In this provocative and inspiring book, Malcolm Gladwell looks at everyone from rock stars to professional athletes, software billionaires to scientific geniuses, to show that the story of success is far more surprising, and far more fascinating, than we could ever have imagined. He reveals that it's as much about where we're from and what we do, as who we are - and that no one, not even a genius, ever makes it alone. *Outliers* will change the way you think about your own life story, and about what makes us all unique. 'Gladwell is not only a brilliant storyteller; he can see what those stories tell us, the lessons they contain' *Guardian* 'Malcolm Gladwell is a global phenomenon ... he has a genius for making everything he writes seem like an impossible adventure' *Observer* 'He is the best kind of writer - the kind who makes you feel like you're a genius, rather than he's a genius' *The Times*

Topics in Probability Narahari Prabhu 2011 Recent research in probability has been concerned with applications such as data mining and finance models. Some aspects of the foundations of probability theory have receded into the background. Yet, these aspects are very important and have to be brought back into prominence.

Rethinking Social Inquiry Henry E. Brady 2010-09-16 With innovative new chapters on process tracing, regression analysis, and natural experiments, the second edition of *Rethinking Social Inquiry* further extends the reach of this path-breaking book. The original debate with King, Keohane, and Verba now updated remains central to the volume, and the new material illuminates evolving discussions of essential methodological tools. Thus, process tracing is often invoked as fundamental to qualitative analysis, but is rarely applied with precision. Pitfalls of regression analysis are sometimes noted, but often are inadequately examined. And the complex assumptions and trade-offs of natural experiments are poorly understood. The second edition extends the methodological horizon through exploring these critical tools. A distinctive feature of this edition is the online placement of four chapters from the prior edition, all focused on the dialogue with King, Keohane, and Verba. Also posted online are exercises for teaching process tracing and understanding process tracing.

Causes of War Jack S. Levy 2011-09-15 Written by leading scholars in the field, *Causes of War* provides the first comprehensive analysis of the leading theories relating to the origins of both interstate and civil wars. Utilizes historical examples to illustrate individual theories throughout Includes an analysis of theories of civil wars as well as interstate wars -- one of the only texts to do both Written by two former International Studies Association Presidents

Communication and Content Prashant Parikh Communication and content presents a comprehensive and foundational account of meaning based on new versions of situation theory and game theory. The literal and implied meanings of an utterance are derived from first principles assuming little more than the partial rationality of interacting agents. New analyses of a number of diverse phenomena – a wide notion of ambiguity and content encompassing phonetics, syntax, semantics, pragmatics, and beyond, vagueness, convention and conventional meaning, indeterminacy, universality, the role of truth in communication, semantic change, translation, Frege's puzzle of informative identities – are developed. Communication, speaker meaning, and reference are defined. Frege's context and compositional principles are generalized and reconciled in a fixed-point principle, and a detailed critique of Grice, several aspects of Lewis, and some aspects of the Romantic conception of meaning are offered. Connections with other branches of linguistics, especially psycholinguistics, sociolinguistics, historical linguistics, and natural language processing, are explored. The book will be of interest to scholars in philosophy, linguistics, artificial intelligence, and cognitive science. It should also interest readers in related fields like literary and cultural theory and the social sciences. "This book is the culmination of Prashant Parikh's long and deep work on fundamental questions of language and how they can be illuminated by game-theoretic analysis." — Roger Myerson, 2007 Nobel Laureate in Economics, University of Chicago "Prashant Parikh has, over the years, accumulated a substantial and impressive body of work on the nature of language, deploying the resources of game theory. Communication and content is a vastly ambitious culmination of this lifelong pursuit. It covers a tremendously wide range of themes and critically discusses an enormous range of writing on those themes from diverse intellectual traditions, as it systematically develops a game-theoretic account of content in the communicative contexts in which human linguistic capacities are employed, eschewing standard distinctions between semantics and pragmatics, and offering instead a highly integrated elaboration of the slogan "meaning is use". It is a work that is at once creative yet conscientious, bold yet rigorously technical, systematic yet sensitive to contingency and context. It will abundantly reward close study." — Akeel Bilgrami, Sidney Morgenbesser Professor of Philosophy, Columbia University "Prashant Parikh has made fundamental contributions to the game-theoretic analysis of linguistic meaning. Communication and content summarizes and extends this important work, offering a truly novel approach to the strategic foundations of meaning. This approach finds a way out of the prison of methodological solipsism and opens up the study of linguistic meaning to scientific study." — Robin Clark, Linguistics, University of Pennsylvania "A pioneering attempt to work out things like literal meaning, modulation, enrichment, implicature, etc. in mathematical detail within a game-theoretic framework." — François Recanati, Chair, Philosophy of Language and Mind, Collège de France "Communication and content is the crowning achievement of a long line of research pioneered by Prashant Parikh. In this groundbreaking work Parikh introduces a fresh perspective on natural language pragmatics, by making a creative tie with game theory. Clearly written, Communication and content weaves together semantics, game theory, and situation theory to create a thought-provoking picture of natural language pragmatics. Every modern AI researcher interested in the foundations of natural language pragmatics owes it to him- or herself to become familiar with this picture." — Yoav Shoham, Computer Science Department, Stanford University

Foundations of Effective Influence Operations Eric Victor Larson 2009 The authors aim to assist the U.S. Army in understanding "influence operations," capabilities that may allow the United States to effectively influence the attitudes and behavior of particular foreign audiences while minimizing or avoiding combat. The book identifies approaches, methodologies, and tools that may be useful in planning, executing, and assessing influence operations.

Pelvic Organ Dysfunction in Neurological Disease Clare J. Fowler 2010-11-04 *Pelvic Organ Dysfunction in Neurological Disease* describes the neurological control of human bladder, bowel and sexual function and then details the dysfunctions which may arise as a consequence of various neurological diseases. Easy to read, the book will be of value to any healthcare professional managing patients in whom pelvic organ functions have been compromised by neurological disease. The book provides a structured approach to present day understanding of the neurological control of pelvic organs and the investigation and management of each type of organ dysfunction. A unique feature of this book is that it addresses the impact of specific neurological disorders on all three functions. The authors have all been associated with the Department of Uro-Neurology at the National Hospital for Neurology and Neurosurgery, London since it was established 20 years ago. This book is a timely review of their accumulated knowledge and the latest literature.

Evaluating Obesity Prevention Efforts Institute of Medicine 2014-01-11 Obesity poses one of the greatest public health challenges of the 21st century, creating serious health, economic, and social consequences for individuals and society. Despite acceleration in efforts to characterize, comprehend, and act on this problem, including implementation of preventive interventions, further understanding is needed on the progress and effectiveness of these interventions. *Evaluating Obesity Prevention Efforts* develops a concise and actionable plan for measuring the nation's progress in obesity prevention efforts--specifically, the success of policy and environmental strategies recommended in the 2012 IOM report *Accelerating Progress in Obesity Prevention: Solving the Weight of the Nation*. This book offers a framework that will provide guidance for systematic and routine planning, implementation, and evaluation of the advancement of obesity prevention efforts. This framework is for specific use with the goals and strategies from the 2012 report and can be used to assess the progress made in every community and throughout the country, with the ultimate goal of reducing the obesity epidemic. It offers potentially valuable guidance in improving the quality and effect of the actions being implemented. The recommendations of *Evaluating Obesity Prevention Efforts* focus on efforts to increase the likelihood that actions taken to prevent obesity will be evaluated, that their progress in accelerating the prevention of obesity will be monitored, and that the most promising practices will be widely disseminated.

Hierarchy in International Relations David A. Lake 2011-01-15 International relations are generally understood as a realm of anarchy in which countries lack any superior authority and interact within a Hobbesian state of nature. In *Hierarchy in International Relations*, David A. Lake challenges this traditional view, demonstrating that states exercise authority over one another in international hierarchies that vary historically but are still pervasive today. Revisiting the concepts of authority and sovereignty, Lake offers a novel view of international relations in which states form social contracts that bind both dominant and subordinate members. The resulting hierarchies have significant effects on the foreign policies of states as well as patterns of international conflict and cooperation. Focusing largely on U.S.-led hierarchies in the contemporary world, Lake provides a compelling account of the origins, functions, and limits of political order in the modern international system. The book is a model of clarity in theory, research design, and the use of evidence. Motivated by concerns about the declining international legitimacy of the United States following the Iraq War, *Hierarchy in International Relations* offers a powerful analytic perspective that has important implications for understanding America's position in the world in the years ahead.

Patient Safety and Quality 2008 "Nurses play a vital role in improving the safety and quality of patient care -- not only in the hospital or ambulatory treatment facility, but also of community-based care and the care performed by family members. Nurses need know what proven techniques and interventions they can use to enhance patient outcomes. To address this need, the Agency for Healthcare Research and Quality (AHRQ), with additional funding from the Robert Wood Johnson Foundation, has prepared this comprehensive, 1,400-page, handbook for nurses on patient safety and quality -- *Patient Safety and Quality: An Evidence-Based Handbook for Nurses*. (AHRQ Publication No. 08-0043)." --Online AHRQ blurb, <http://www.ahrq.gov/qual/nursesdbk>.

Authoritarianism and the Elite Origins of Democracy Michael Albertus 2017-12-31 Provides an innovative theory of regime transitions and outcomes, and tests it using extensive evidence between 1800 and today.

Exact Analysis of Discrete Data Karim F. Hirji 2005-11-18 Researchers in fields ranging from biology and medicine to the social sciences, law, and economics regularly encounter variables that are discrete or categorical in nature. While there is no dearth of books on the analysis and interpretation of such data, these generally focus on large sample methods. When sample sizes are not large or the data are

Diversification of Mexican Spanish Margarita Hidalgo 2016-10-24 This book offers a diversification model of transplanted languages that facilitates the exploration of external factors and internal changes. The general context is the New World and the variety that unfolded in the Central Highlands and the Gulf of Mexico, herein identified as Mexican Colonial Spanish (MCS). Linguistic corpora provide the evidence of (re)transmission, diffusion, metalinguistic awareness, and select focused variants. The tridimensional approach highlights language data from authentic colonial documents which are connected to socio-historical reliefs at particular periods or junctions, which explain language variation and the dynamic outcome leading to change. From the Second Letter of Hernán Cortés (Seville 1522) to the decades preceding Mexican Independence (1800-1821) this book examines the variants transplanted from the peninsular tree into Mesoamerican lands: leveling of sibilants of late medieval Spanish, direct object (masc. sing.) pronouns LO and LE, pronouns of address (vos, tu, vuestra merced plus plurals), imperfect subjunctive endings in -SE and -RA), and Amerindian loans. Qualitative and quantitative analyses of variants derived from the peninsular tree show a gradual process of attrition and recovery due to their saliency in the new soil, where they were identified with ways of speaking and behaving like Spanish speakers from the metropolis. The variants analyzed in MCS may appear in other regions of the Spanish-speaking New World, where change may have proceeded at varying or similar rates. Additional variants are classified as optimal residual (e.g. dizque) and popular residual (e.g. vide). Both types are derived from the medieval peninsular tree, but the former are vital across regions and social strata while the latter may be restricted to isolated and / or marginal speech communities. Each of the ten chapters probes into the pertinent variants of MCS and the stage of development by century. Qualitative and quantitative analyses reveal the trails followed by each select variant from the years of the Second Letter (1520-1522) of Hernán Cortés to the end of the colonial period. The tridimensional historical sociolinguistic model offers explanations that shed light on the multiple causes of change and the outcome that eventually differentiated peninsular Spanish tree from New World Spanish. Focused-attrition variants were selected because in the process of transplantation, speakers assigned them a social meaning that eventually differentiated the European from the Latin American variety. The core chapters include narratives of both major historical events (e.g. the conquest of Mexico) and tales related to major language change and identity change (e.g. the socio-political and cultural struggles of Spanish speakers born in the New World). The core chapters also describe the strategies used by prevailing Spanish speakers to gain new speakers among the indigenous and Afro-Hispanic populations such as the appropriation

of public posts where the need arose to file documents in both Spanish and Nahuatl, forced and free labor in agriculture, construction, and the textile industry. The examples of optimal and popular residual variants illustrate the trends unfolded during three centuries of colonial life. Many of them have passed the test of time and have survived in the present Mexican territory; others are also vital in the U.S. Southwestern states that once belonged to Mexico. The reader may also identify those that are used beyond the area of Mexican influence. Residual variants of New World Spanish not only corroborate the homogeneity of Spanish in the colonies of the Western Hemisphere but the speech patterns that were unwrapped by the speakers since the beginning of colonial times: popular and cultured Spanish point to diglossia in monolingual and multilingual communities. After one hundred years of study in linguistics, this book contributes to the advancement of newer conceptualization of diachrony, which is concerned with the development and evolution through history. The additional sociolinguistic dimension offers views of social significant and its thrilling links to social movements that provoked a radical change of identity. The amplitude of the diversification model is convenient to test it in varied contexts where transplantation occurred.

Intelligence Analysis National Research Council 2011-04-08 The U.S. intelligence community (IC) is a complex human enterprise whose success depends on how well the people in it perform their work. Although often aided by sophisticated technologies, these people ultimately rely on their own intellect to identify, synthesize, and communicate the information on which the nation's security depends. The IC's success depends on having trained, motivated, and thoughtful people working within organizations able to understand, value, and coordinate their capabilities. Intelligence Analysis provides up-to-date scientific guidance for the intelligence community (IC) so that it might improve individual and group judgments, communication between analysts, and analytic processes. The papers in this volume provide the detailed evidentiary base for the National Research Council's report, *Intelligence Analysis for Tomorrow: Advances from the Behavioral and Social Sciences*. The opening chapter focuses on the structure, missions, operations, and characteristics of the IC while the following 12 papers provide in-depth reviews of key topics in three areas: analytic methods, analysts, and organizations. Informed by the IC's unique missions and constraints, each paper documents the latest advancements of the relevant science and is a stand-alone resource for the IC's leadership and workforce. The collection allows readers to focus on one area of interest (analytic methods, analysts, or organizations) or even one particular aspect of a category. As a collection, the volume provides a broad perspective of the issues involved in making difficult decisions, which is at the heart of intelligence analysis.

The Mathematics of the Uncertain Eduardo Gil 2018-02-28 This book is a tribute to Professor Pedro Gil, who created the Department of Statistics, OR and TM at the University of Oviedo, and a former President of the Spanish Society of Statistics and OR (SEIO). In more than eighty original contributions, it illustrates the extent to which Mathematics can help manage uncertainty, a factor that is inherent to real life. Today it goes without saying that, in order to model experiments and systems and to analyze related outcomes and data, it is necessary to consider formal ideas and develop scientific approaches and techniques for dealing with uncertainty. Mathematics is crucial in this endeavor, as this book demonstrates. As Professor Pedro Gil highlighted twenty years ago, there are several well-known mathematical branches for this purpose, including Mathematics of chance (Probability and Statistics), Mathematics of communication (Information Theory), and Mathematics of imprecision (Fuzzy Sets Theory and others). These branches often intertwine, since different sources of uncertainty can coexist, and they are not exhaustive. While most of the papers presented here address the three aforementioned fields, some hail from other Mathematical disciplines such as Operations Research; others, in turn, put the spotlight on real-world studies and applications. The intended audience of this book is mainly statisticians, mathematicians and computer scientists, but practitioners in these areas will certainly also find the book a very interesting read.

A Concise Introduction to Logic Patrick Hurley 2008-12-23 Tens of thousands of students have learned to be more discerning at constructing and evaluating arguments with the help of Patrick J. Hurley. Hurley's lucid, friendly, yet thorough presentation has made *A CONCISE INTRODUCTION TO LOGIC* the most widely used logic text in North America. In addition, the book's accompanying technological resources, such as CengageNOW and Learning Logic, include interactive exercises as well as video and audio clips to reinforce what you read in the book and hear in class. In short, you'll have all the assistance you need to become a more logical thinker and communicator. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Quantile Regression Roger Koenker 2005-05-05 Quantile regression is gradually emerging as a unified statistical methodology for estimating models of conditional quantile functions. By complementing the exclusive focus of classical least squares regression on the conditional mean, quantile regression offers a systematic strategy for examining how covariates influence the location, scale and shape of the entire response distribution. This monograph is the first comprehensive treatment of the subject, encompassing models that are linear and nonlinear, parametric and nonparametric. The author has devoted more than 25 years of research to this topic. The methods in the analysis are illustrated with a variety of applications from economics, biology, ecology and finance. The treatment will find its core audiences in econometrics, statistics, and applied mathematics in addition to the disciplines cited above.

The Reception of Darwinism in the Iberian World T.F Glick 2012-12-06 Twenty-five years ago, at the Conference on the Comparative Reception of Darwinism held at the University of Texas in 1972, only two countries of the Iberian world-Spain and Mexico-were represented.' At the time, it was apparent that the topic had attracted interest only as regarded the "mainstream" science countries of Western Europe, plus the United States. The Eurocentric bias of professional history of science was a fact. The sea change that subsequently occurred in the historiography of science makes 1972 appear something like the antediluvian era. Still, we would like to think that that meeting was prescient in looking beyond the mainstream science countries-as then perceived-in order to test the variation that ideas undergo as they pass from center to periphery. One thing that the comparative study of the reception of ideas makes abundantly clear, however, is the weakness of the center/periphery dichotomy from the perspective of the diffusion of scientific ideas. Catholics in mainstream countries, for example, did not handle evolution much better than did their coreligionaries on the fringes. Conversely, Darwinians in Latin America were frequently better placed to advance Darwin's ideas in a social and political sense than were their fellow evolutionists on the Continent. The Texas meeting was also a marker in the comparative reception of scientific ideas, Darwinism aside. Although, by 1972, scientific institutions had been studied comparatively, there was no antecedent for the comparative history of scientific ideas.

Understanding Morphology Martin Haspelmath 2013-10-28 This new edition of *Understanding Morphology* has been fully revised in line with the latest research. It now includes 'big picture' questions to highlight central themes in morphology, as well as research exercises for each chapter. *Understanding Morphology* presents an introduction to the study of word structure that starts at the very beginning. Assuming no knowledge of the field of morphology on the part of the reader, the book presents a broad range of morphological phenomena from a wide variety of languages. Starting with the core areas of inflection and derivation, the book presents the interfaces between morphology and syntax and between morphology and phonology. The synchronic study of word structure is covered, as are the phenomena of diachronic change, such as analogy and grammaticalization. Theories are presented clearly in accessible language with the main purpose of shedding light on the data, rather than as a goal in themselves. The authors consistently draw on the best research available, thus utilizing and discussing both functionalist and generative theoretical approaches. Each chapter includes a summary, suggestions for further reading, and exercises. As such this is the ideal book for both beginning students of linguistics, or anyone in a related discipline looking for a first introduction to morphology.

Robustness Tests for Quantitative Research Eric Neumayer 2017-08-31 This highly accessible book presents robustness testing as the methodology for conducting quantitative analyses in the presence of model uncertainty.

Basic Issues in Police Performance 1982 Since the complexity of police services does not lend itself to standardized performance measures, measurement techniques should be designed to inform more about what police do and how they affect their communities. This report reviews conventional police measurement practices and offers ways to improve the management value of performance information. Traditional performance measurement has emphasized the measurement of individual departments' effectiveness in preventing crime. This approach fails to consider the broad range of other police duties, citizens' expectations of police, and how police activities produce social change. Police can be evaluated in terms of efficiency, effectiveness, equity, and accountability, but citizens disagree about which of these performance criteria are the most important because community/police problems are too diverse. Instead of developing uniform, inflexible performance standards to apply globally to entire departments, evaluators should ask more detailed questions about common police processes and their results. Sketchy knowledge of how policing works now produces many hypotheses, but rarely standards worthy of emulation. Evaluators should develop better theories about police functions, obtain more reliable data, and control data collection costs with the aid of police managers so that measures inform departmental policymakers. Tables, diagrams, and 197 references are given. Appendixes include police services study data and a list of problem codes.