

Ranking

Eventually, you will no question discover a extra experience and achievement by spending more cash. still when? pull off you put up with that you require to acquire those all needs behind having significantly cash? Why dont you attempt to get something basic in the beginning? Thats something that will lead you to comprehend even more on the order of the globe, experience, some places, taking into consideration history, amusement, and a lot more?

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The 100 Michael H. Hart 1989 This book contains biographies of the following people, plus many more. Muhammad, Jesus Christ, Buddha , Martin Luther , Christopher Columbus, Queen Elizabeth I, John F. Kennedy, Alexander the Great, Napoleon Bonaparte, Moses, St. Paul, Orville and Wilbur Wright, Alexander Fleming, Isaac Newton, Ludwig van Beethoven, Queen Isabella I, Ernest Rutherford, Charles Darwin, George Washington, St. Augustine. **Probabilistic Ranking Techniques in Relational Databases** Ihab Ilyas 2022-05-31 Ranking queries are widely used in data exploration, data analysis and decision making scenarios. While most of the currently proposed ranking techniques focus on deterministic data, several emerging applications involve data that are imprecise or uncertain. Ranking uncertain data raises new challenges in query semantics and processing, making conventional methods inapplicable. Furthermore, the interplay between ranking and uncertainty models introduces new dimensions for ordering query results that do not exist in the traditional settings. This lecture describes new formulations and processing techniques for ranking queries on uncertain data. The formulations are based on marriage of traditional ranking semantics with possible worlds semantics under widely-adopted uncertainty models. In particular, we focus on discussing the impact of tuple-level and attribute-level uncertainty on the semantics and processing techniques of ranking queries. Under the tuple-level uncertainty model, we describe new processing techniques leveraging the capabilities of relational database systems to recognize and handle data uncertainty in score-based ranking. Under the attribute-level uncertainty model, we describe new probabilistic ranking models and a set of query evaluation algorithms, including sampling-based techniques. We also discuss supporting rank join queries on uncertain data, and we show how to extend current rank join methods to handle uncertainty in scoring attributes. Table of Contents: Introduction / Uncertainty Models / Query Semantics / Methodologies / Uncertain Rank Join / Conclusion

MSA Profile 1993

Global Liveable And Smart Cities Index: Ranking Analysis, Simulation And Policy Evaluation Khee Giap Tan 2019-11-15 A rising proportion of the global population are moving to cities in search of a better standard of living. However, although urbanisation has its benefits, unchecked urbanisation can lead to a host of challenges, such as congestion and limited access to public services. As such, the concept of urban liveability has been garnering more attention from policymakers and academics who are interested in mitigating the negative effects of urbanisation.In this context, the Asia Competitiveness Institute (ACI) has released the 2018 Global Liveable and Smart Cities Index (GLSCI), the third in its series of liveability indices. The GLSCI attempts to measure the liveability of an average resident in a city. More importantly, this year's edition has added considerations to the concept of smart cities and the role that these technologies can play in augmenting the liveability of a city's residents. It also builds on ACI's past liveability indices by expanding the number of cities in the index to 78, notably with African cities for the first time. In addition, this book includes two case studies on liveability. The first one concerns the relationship between a city's liveability, smartness, connectivity, and agglomeration, while the other is a case study on the 99-year lease of public housing in Singapore.

The Impact of Higher Education Ranking Systems on Universities Kevin Downing 2021-04-05 This book , written by three generations of rankings academics with considerable experience from three very different regions of the globe, lifts the lid on the real impact of higher education ranking systems (HERS) on universities and their stakeholders. It critically analyses the criteria that make up the 'Big Three' global ranking systems and, using interviews with senior administrators, academics and managers, discusses their impact on universities from four very different continents. Higher education continues to be dominated by a reputational hierarchy of institutions that sustains and is reinforced by HERS. Despite all the opinions and arguments about the legitimacy of the rankings as a construct, it seems experts agree that they are here to stay. The question, therefore, seems to be less about whether or a not universities should be compared and ranked, but the manner in which this is undertaken. Delivering a fresh perspective on global rankings, this book summarizes the development of HERS and provides a critical evaluation of the effects of HERS on four different major regions – South Africa, the Arab region, South East Asia, and Australia. It will appeal to any academic, student, university administrator or governing body interested in or affected by global higher education ranking systems.

Google Ranking Secrets Laura Maya 2018-06-17 Dominate the First Page of Google Rankings Are you Sick And Tired Of Your Sites Search Engine Rankings Being Stuck On Lower Google Pages When You Can Easily Be Cashing Insane Amount Of Commissions On Autopilot Traffic? It has been reported by Bing search engine, that websites on the top get 42% of the traffic; the second gets 11% and third gets 8% only. So, if you can rank on the first page of Google results, it can be an excellent opportunity for you and your business. But, the question that comes next is how to get to the top? It's no secret that Google's ranking algorithm is made up of over 200 "signals." And while the list is impressive, it can get daunting if you're a just regular human with 24 hours in a day. Here we provide you an excellent opportunity to harness all the persuasive power of High Google Rankings and make a killing. We have put together all the resources you need to help you succeed in dominating the search engine. Introducing Google Ranking Secrets Training Guide - will walk you through proven and expert suggestions to catapult you to the top of the list. It is a Complete Solution for Ranking Your Website On The First Page Of Google Without Paying A Dime For Traffic! In this comprehensive guide, we reveal hot secrets and tips from industry experts on how to rank high and sustain your Google Top 10 rankings. And that's why we want to make it a total no-brainer for you to get started today! Google Ranking Secrets will enable you - 1.To improve your Google rankings and sustain those rankings 2.To connect with large potential target market and increase accessibility 3.To get more targeted traffic which results in more leads and sales! 4.To Increase Exposure & Brand Awareness 5.To find out what is the methodology behind Google Ranking and How to Earn it? 6.How To Get To Number 1 On Google Without Breaking The Rules 7.How Can you Check your Website For Compliance With Google's Recommendations? 8.How To Check Your Rankings On Search Engines? 9.Analyzing Keywords for high Popularity in Google 10. How to rank in Google Local Business Results 11.The complete list of over 200 Google Ranking Factors 12.Link Building Tips for High Google Ranking 13.Best Free SEO Tools to Improve Your Google Ranking 14.How to boost your overall traffic on Google News 15.Reasons your blog site isn't ranking high in Google 16.Tracking SEO Metrics for improving Google ranking 17.How to Rank Higher on Google for Absolutely Any Keyword 18.Successful business Case Studies This is a Massive info packed training guide that is compiled with precision and enriched with time-tested methods. Save time and Boost up your business to the next level by learning these Google Ranking Secrets.

New Directions of STEM Research and Learning in the World Ranking Movement John N. Hawkins 2018-11-07 This volume analyzes the dominance of STEM fields in various university rankings and the reasons why many governments in the world disproportionately give value to STEM fields. Secondly, although there is general agreement that STEM fields are important, chapter authors also examine the role of interdisciplinary and multidisciplinary approaches for a revised STEM education as well as implications for the future. The book presents examples from the United States, Canada, Japan, Korea, and Taiwan.

Nature-Inspired Algorithms for Optimisation Raymond Chiong 2009-05-02 Nature-Inspired Algorithms have been gaining much popularity in recent years due to the fact that many real-world optimisation problems have become increasingly large, complex and dynamic. The size and complexity of the problems nowadays require the development of methods and solutions whose efficiency is measured by their ability to find acceptable results within a reasonable amount of time, rather than an ability to guarantee the optimal solution. This volume 'Nature-Inspired Algorithms for Optimisation' is a collection of the latest state-of-the-art algorithms and important studies for tackling various kinds of optimisation problems. It comprises 18 chapters, including two introductory chapters which address the fundamental issues that have made optimisation problems difficult to solve and explain the rationale for seeking inspiration from nature. The contributions stand out through their novelty and clarity of the algorithmic descriptions and analyses, and lead the way to interesting and varied new applications.

Who's #1? Amy N. Langville 2013-12-01 A website's ranking on Google can spell the difference between success and failure for a new business. NCAA football ratings determine which schools get to play for the big money in postseason bowl games. Product ratings influence everything from the clothes we wear to the movies we select on Netflix. Ratings and rankings are everywhere, but how exactly do they work? Who's #1? offers an engaging and accessible account of how scientific rating and ranking methods are created and applied to a variety of uses. Amy Langville and Carl Meyer provide the first comprehensive overview of the mathematical algorithms and methods used to rate and rank sports teams, political candidates, products, Web pages, and more. In a series of interesting asides, Langville and Meyer provide fascinating insights into the ingenious contributions of many of the field's pioneers. They survey and compare the different methods employed today, showing why their strengths and weaknesses depend on the underlying goal, and explaining why and when a given method should be considered. Langville and Meyer also describe what can and can't be expected from the most widely used systems. The science of rating and ranking touches virtually every facet of our lives, and now you don't need to be an expert to understand how it really works. Who's #1 is the definitive introduction to the subject. It features easy-to-understand examples and interesting trivia and historical facts, and much of the required mathematics is included.

Ranking the Liveability of the World's Major Cities Khee Giap Tan 2012 This unique volume aims to provide a first comprehensive assessment on attributes, conditions and characters which constitute a liveable city. The book posits that the degree of liveability depends on five themes: satisfaction with the freedom from want; satisfaction with the state of the natural environment and its management; satisfaction with freedom from fear; satisfaction with the socio-cultural conditions; and satisfaction with public governance. The authors attempt to be more constructive through performing policy simulations by first identifying relative weaknesses and strengths of 64 global cities across major continents including European, Asian, Middle Eastern, North and South American cities. The book also ranks and simulates 36 Asian cities separately, of which many are emerging third-world cities that are in need of policy guidance.

Funding Ranking 2006 Deutsche Forschungsgemeinschaft (DFG) 2007-06-27 Following on from previous publications in 1997, 2000 and 2003, the Deutsche Forschungsgemeinschaft (German Research Foundation) presents its fourth "Funding Ranking", an overview of the distribution of awards to universities and non-university research institutions in Germany. The scope of the report has increased considerably compared to previous editions. Alongside the report's central indicator - DFG awards per individual research institution - the document also covers a wide range of additional indicators regarding publicly financed research in one of the world's leading industrial countries. For the first time, the report also includes information on R&D funding for selected federal programmes, for thematic priorities within the European Union's Sixth Framework Programme, and for collaborative industrial research funded by the German Federation of Industrial Cooperative Research Associations "Otto von Guericke". The third party funding indicators, which each depict individual aspects of publicly financed research, represent in total approximately 80 percent of all public third party funding for university research.

Context-Aware Ranking with Factorization Models Steffen Rendle 2010-11-18 Context-aware ranking is an important task with many applications. E.g. in recommender systems items (products, movies, ...) and for search engines webpages should be ranked. In all these applications, the ranking is not global (i.e. always the same) but depends on the context. Simple examples for context are the user for recommender systems and the query for search engines. More complicated context includes time, last actions, etc. The major problem is that typically the variable domains (e.g. customers, products) are categorical and huge, the observations are very sparse and only positive events are observed. In this book, a generic method for context-aware ranking as well as its application are presented. For modelling a new factorization based on pairwise interactions is proposed and compared to other tensor factorization approaches. For learning, the "Bayesian Context-aware Ranking" framework consisting of an optimization criterion and algorithm is developed. The second main part of the book applies this general theory to the three scenarios of item, tag and sequential-set recommendation. Furthermore extensions of time-variant factors and one-class problems are studied. This book generalizes and builds on work that has received the "WWW 2010 Best Paper Award", the "WSDM 2010 Best Student Paper Award" and the "ECML/PKDD 2009 Best Discovery Challenge Award".

Farmer Evaluations of Technology María del Pilar Guerrero 1993 Preference ranking of technology with farmers makes it possible to identify the different concepts or criteria farmers use in assessing the usefulness of new technology components. This Instructional Unit is designed to train professionals and technicians working in agricultural research. The Unit is one of three on farmer evaluations.

University Rankings Jung Cheol Shin 2011-06-06 This ground-breaking and exhaustive analysis of university ranking surveys scrutinizes their theoretical bases, methodological issues, societal impact, and policy implications, a providing readers with a deep understanding of these controversial comparators. The authors propose that university rankings are misused by policymakers and institutional leaders alike. They assert that these interested parties overlook the highly problematic internal logic of ranking methodologies even as they obsess over the surveys' assessment of their status. The result is that institutions suffer from short-termism, realigning their resources to maximize their relative rankings. While rankings are widely used in policy and academic discussions, this is the first book to explore the theoretical and methodological issues of ranking itself. It is a welcome contribution to an often highly charged debate. Far from showing how to manipulate the system, this collection of work by key researchers aims to enlighten interested parties.

Web Information Systems Engineering -- WISE 2013 Xuemin Lin 2013-10-07 This book constitutes the proceedings of the 14th International Conference on Web Information Systems Engineering, WISE 2013, held in Nanjing, China, in October 2013. The 48 full papers, 29 short papers, and 10 demo and 5 challenge papers, presented in the two-volume proceedings LNCS 8180 and 8181, were carefully reviewed and selected from 198 submissions. They are organized in topical sections named: Web mining; Web recommendation; Web services; data engineering and database; semi-structured data and modeling; Web data integration and hidden Web; challenge; social Web; information extraction and multilingual management; networks, graphs and Web-based business processes; event processing, Web monitoring and management; and innovative techniques and creations.

Probability Models and Statistical Analyses for Ranking Data Michael A. Fligner 1992-11-05 In June of 1990, a conference was held on Probability Models and Statistical Analyses for Ranking Data, under the joint auspices of the American Mathematical Society, the Institute for Mathematical Statistics, and the Society of Industrial and Applied Mathematicians. The conference took place at the University of Massachusetts, Amherst, and was attended by 36 participants, including statisticians, mathematicians, psychologists and sociologists from the United States, Canada, Israel, Italy, and The Nether lands. There were 18 presentations on a wide variety of topics involving ranking data. This volume is a collection of 14 of these presentations, as well as 5 miscellaneous papers that were contributed by conference participants. We would like to thank Carole Kohanski, summer program coordinator for the American Mathematical Society, for her assistance in arranging the conference; M. Steigerwald for preparing the manuscripts for publication; Martin Gilchrist at Springer-Verlag for editorial advice; and Persi Diaconis for contributing the Foreword. Special thanks go to the anonymous referees for their careful readings and constructive comments. Finally, we thank the National Science Foundation for their sponsorship of the AMS-IMS-SIAM Joint Summer Programs. Contents Preface vii Conference Participants xiii Foreword xvii 1 Ranking Models with Item Covariates 1 D. E. Critchlow and M. A. Fligner 1. 1 Introduction. 1 1. 2 Basic Ranking Models and Their Parameters 2 1. 3 Ranking Models with Covariates 8 1. 4 Estimation 9 1. 5 Example. 11 1. 6 Discussion. 14 1. 7 Appendix . 15 1. 8 References.

Multidimensional Ranking Frans A. van Vught 2012-02-22 During the last decades ranking has become one of the most controversial issues in higher education and research. It is widely recognized now that, although some of the current rankings can be severely criticized, they seem to be here to stay. In addition, rankings appear to have a great impact on decision-makers at all levels of higher education and research systems worldwide, including in universities. Rankings reflect a growing international competition among universities for talent and resources; at the same time they reinforce competition by their very results. Yet major concerns remain as to the rankings' methodological underpinnings and to their various impacts. This new book presents a comprehensive overview of the current 'state of the art' of ranking in higher education and research, and introduces a completely new approach called 'multidimensional ranking'. In part 1 rankings are discussed in the broader context of quality assurance and transparency in higher education and research. In addition the many current ranking methodologies are analyzed and critized, and their impacts are explored. In part 2 a new approach to ranking is introduced, based on the basic idea that higher education and research institutions have different profiles and missions and that the performances of these institutions should reflect these differences. This multidimensional approach is operationalized in a new multidimensional and user-driven ranking tool, called U-Multirank. U-Multirank is the outcome of a pilot project, sponsored by the European Commission, in which the new ranking instrument was designed and tested at a global scale.

Probabilistic Ranking Techniques in Relational Databases Ihab Ilyas 2011-03-02 Ranking queries are widely used in data exploration, data analysis and decision making scenarios. While most of the currently proposed

ranking techniques focus on deterministic data, several emerging applications involve data that are imprecise or uncertain. Ranking uncertain data raises new challenges in query semantics and processing, making conventional methods inapplicable. Furthermore, the interplay between ranking and uncertainty models introduces new dimensions for ordering query results that do not exist in the traditional settings. This lecture describes new formulations and processing techniques for ranking queries on uncertain data. The formulations are based on marriage of traditional ranking semantics with possible worlds semantics under widely-adopted uncertainty models. In particular, we focus on discussing the impact of tuple-level and attribute-level uncertainty on the semantics and processing techniques of ranking queries. Under the tuple-level uncertainty model, we describe new processing techniques leveraging the capabilities of relational database systems to recognize and handle data uncertainty in score-based ranking. Under the attribute-level uncertainty model, we describe new probabilistic ranking models and a set of query evaluation algorithms, including sampling-based techniques. We also discuss supporting rank join queries on uncertain data, and we show how to extend current rank join methods to handle uncertainty in scoring attributes. Table of Contents: Introduction / Uncertainty Models / Query Semantics / Methodologies / Uncertain Rank Join / Conclusion

Classification of Appropriations by the Legislature 1976

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Advances in Ranking and Selection, Multiple Comparisons, and Reliability N Balakrishnan 2004-12-15 S. Panchapakesan has made significant contributions to ranking and selection and has published in many other areas of statistics, including order statistics, reliability theory, stochastic inequalities, and inference. Written in his honor, the twenty invited articles in this volume reflect recent advances in these areas and form a tribute to Panchapakesan's influence and impact on these areas. Featuring theory, methods, applications, and extensive bibliographies with special emphasis on recent literature, this comprehensive reference work will serve researchers, practitioners, and graduate students in the statistical and applied mathematics communities.

Design of Experiments Santner 1984-07-30 Multiple comparisons; Selection and ranking; Estimation and testing.

Ranking the World Alexander Cooley 2015-04-30 Examines the origins of the rise of international rankings, assessing their impact on global governance, and exploring how governments react to being ranked.

Democracy Ranking (Edition 2012) David F. J. Campbell 2012 The Democracy Ranking measures on a regular and annual basis the quality of democracy and democracy improvement (increases and decreases of quality) in a world-wide comparison. The Democracy Ranking identifies one political and five non-political dimensions: politics (political system); gender equality (socioeconomic and educational); economy (economic system); knowledge (knowledge society and economy, education and research); health (health status and health system); and the environment (environmental sustainability). Quality of democracy leads to progress and quality of life. The Democracy Ranking Edition 2012 covers 110 countries. In this book you learn what quality of democracy means and what effect it has. Over 120 illustrations, and world maps in color, assist in understanding the world of democracy and for comparing the individual countries with each other. The Democracy Ranking offers new insight to 110 countries of the world by the world-wide ranking of democracies.

The Cincinnati Lancet and Clinic 1882

World University Rankings: Statistical Issues And Possible Remedies Soh Kay Cheng 2017-03-08 World university ranking started one and a half decades ago for the purpose of understanding what makes an excellent institution of higher education. Subsequent to the appearance of the Academic Ranking of World Universities at the Shanghai Jiaotong University, there soon emerged the QS World University Rankings and the Times Higher Education World University Rankings. These three ranking systems are considered the classics as they are the fore-runners, although no less than ten new systems have come to the arena. The various ranking systems adopt a common approach of weight-and-sum to process the indicator data. Each system, somewhat arbitrarily, decides on a set of indicators and assigns different weights to these, presumably reflecting their relative importance. This simple (and simplistic) approach meets well common sense. And, in fact, much of the discussion on world university rankings is conducted at the commonsensical level. However, analyses conducted in the recent years uncovered several problems of the prevalent approach: spurious precision, mutual compensation, weight discrepancy, indicator redundancy, etc., which render the overall scores and ranking suspect in terms of validity. These are due to systems ignoring the fact that world university rankings are a form of social measurement and therefore need be seen from this perspective. Moreover, rankings encourage competition and, in the highly competitive world of today, it is natural that institutional attention is focused on the ranking results. By now, the original purpose of world university ranking seems to have been overshadowed, and world university rankings look more like international academic contests, as though they are annual sports meets. This monograph collects together many articles pertaining to the identified measurement and statistical issues of world university rankings and suggests remedies to make ranking results more trustworthy.

Risicogestuurd toezicht en handhaving F.A. Swartjes 2019

Ranking the World Alexander Cooley 2015-04-30 Over the last decade, international rankings have emerged as a critical tool used by international actors engaged in global governance. State practices and performance are now judged by a number of high-profile indices, including assessments of their levels of corruption, quality of democracy, creditworthiness, media freedom, and business environment. However, these rankings always carry value judgments, methodological choices, and implicit political agendas. This volume expertly addresses the important analytical, normative, and policy issues associated with the contemporary practice of 'grading states'. The chapters explore how rankings affect our perceptions of state performance, how states react to being ranked, why some rankings exert more global influence than others, and how states have come to strategize and respond to these public judgments. The book also critically examines how treating state rankings like popular consumer choice indices may actually lead policymakers to internalize questionable normative assumptions and lead to poorer, not improved, public policy outcomes.

Ranking Business Schools Linda Wedlin 2006-01-01 In her admirable book, Wedlin entangles what [business school] rankings really are and why they have become so important. . . The book contains plenty to interest the growing army of business school employees whose duties, at least in part, are concerned with boosting their institution's position in the rankings. Education and Training In times when the management education field is increasingly impacted by a proliferation of ranking exercises, this book is a timely and welcome contribution. Linda Wedlin unpacks for us the real meaning of the contemporary explosion of rankings. Rather than simple classification schemes and mechanisms, rankings are, she suggests, arenas where the field of business education is being created and re-created. They are the loci of boundary-work , whereby a field is progressively evolving and constituting itself. This is a convincing study relying on rich empirical data and carefully anchored in relevant theoretical debates. A must-read for all those, academics, students, policy-makers and education professionals, who want to understand the complex contemporary logics of higher education in management but also probably well beyond. Marie-Laure Djelic, ESSEC Business School, Paris, France League tables appear everywhere and have become important aspects of business school environments. Based on in-depth and creatively combined empirical studies, Linda Wedlin provides us with explanations and insights on the emergence and impact of such rankings. This book should be of great value for all those who seek to "play the ranking game". It gives a fresh perspective on how classification mechanisms drive the emergence, boundary setting and change of organizational fields. Kerstin Sahlin-Andersson, Uppsala University, Sweden A fascinating study of the complex issues surrounding MBA rankings. Business schools really hate them but at times have to pretend to love them. Magazines and newspapers are really interested in their sales potential but have to make pretensions about their veracity. Linda Wedlin focuses on an area rich in hypocrisy and hype, but also one where there are real consequences: ranking furthered re-inforces the homogenising tendencies of MBAs. Anthony Hopwood, Said Business School, University of Oxford, UK This is a most fascinating topic, dealt with in a manner which is both serious and entertaining everyone in a business school would want to read it. Linda Wedlin's excellent research is presented with a no-nonsense approach if there is anything worth counting, she counts it, and then interprets it, no fuss. Exemplary! Barbara Czarniawska, Göteborg University, Sweden This engaging book offers a fresh perspective on the burgeoning field of European management education and its intense concern with rankings. Using a creative mix of well-crafted research tools, Wedlin deftly captures a professional field in transition as it both expands and develops shared standards. Walter W. Powell, Stanford University, US International comparisons and rankings of universities and business schools have proliferated in recent years. Ranking Business Schools provides a welcome analysis of this development and its implications for the field of management education, theorizing the role of classifications such as rankings in forming and structuring organizational fields. Focusing on the European experience with rankings and the subsequent response, the book illustrates how business schools use rankings to form identities and positions, and to draw boundaries for the field. By both creating and confirming belonging to a business school community and providing distinction within that group, rankings are important for defining an international field of management education organizations, constructing an international business school market, and constitute an arena for debating and establishing the boundaries of this field. Building an extensive theoretical framework for understanding classification

Identifying and ranking the world's largest clusters of inventive activity World Intellectual Property Organization This paper presents an empirical approach to identifying and ranking the world's largest clusters of inventive activity on the basis of patent filings. Patent data offer rich information on the locality of innovative activity. Many researchers have already made use of these data to study individual clusters or selected clusters within a particular region. Our approach goes beyond existing work by identifying and ranking innovation clusters on an internationally comparable basis.

RRAs Number 15 --Special Issue on Applications of Wealth Ranking II ED 1992

Multidimensional Ranking Frans A. van Vught 2012-02-28 During the last decades ranking has become one of the most controversial issues in higher education and research. It is widely recognized now that, although some of the current rankings can be severely criticized, they seem to be here to stay. In addition, rankings appear to have a great impact on decision-makers at all levels of higher education and research systems worldwide, including in universities. Rankings reflect a growing international competition among universities for talent and resources; at the same time they reinforce competition by their very results. Yet major concerns remain as to the rankings' methodological underpinnings and to their various impacts. This new book presents a comprehensive overview of the current 'state of the art' of ranking in higher education and research, and introduces a completely new approach called 'multidimensional ranking'. In part 1 rankings are discussed in the broader context of quality assurance and transparency in higher education and research. In addition the many current ranking methodologies are analyzed and critized, and their impacts are explored. In part 2 a new approach to ranking is introduced, based on the basic idea that higher education and research institutions have different profiles and missions and that the performances of these institutions should reflect these differences. This multidimensional approach is operationalized in a new multidimensional and user-driven ranking tool, called U-Multirank. U-Multirank is the outcome of a pilot project, sponsored by the European Commission, in which the new ranking instrument was designed and tested at a global scale.

FAO Guide to Ranking Food Safety Risks at the National Level Food and Agriculture Organization of the United Nations 2020-10-06 The objective of this guidance is to provide direction to decision-makers on how to start ranking the public health risk posed by foodborne hazards and/or foods in their countries. The primary focus is microbial and chemical hazards in foods, but the overall approach could be used for any hazard. This guidance was developed with a wide audience in mind, including but not limited to microbiologists, toxicologists, chemists, environmental health scientists, public health epidemiologists, risk analysts, risk managers, and policy makers. Political will and a strong commitment to modernize food safety are key to the successful development and implementation of any risk ranking effort at the country level.

Rankings and the Reshaping of Higher Education E. Hazelkorn 2011-03-08 University rankings have gained popularity around the world, and are now a significant factor shaping reputation. This book is the first comprehensive study of rankings from a global perspective, making an important contribution to our understanding of the rankings phenomenon. This book has also been published in Japanese.

Ranking of Multivariate Populations Livio Corain 2017-09-20 Ranking of Multivariate Populations: A Permutation Approach with Applications presents a novel permutation-based nonparametric approach for ranking several multivariate populations. Using data collected from both experimental and observation studies, it covers some of the most useful designs widely applied in research and industry investigations, such as multivariate analysis of variance (MANOVA) and multivariate randomized complete block (MRCB) designs. The first section of the book introduces the topic of ranking multivariate populations by presenting the main theoretical ideas and an in-depth literature review. The second section discusses a large number of real case studies from four specific research areas: new product development in industry, perceived quality of the indoor environment, customer satisfaction, and cytological and histological analysis by image processing. A web-based nonparametric combination global ranking software is also described. Designed for practitioners and postgraduate students in statistics and the applied sciences, this application-oriented book offers a practical guide to the reliable global ranking of multivariate items, such as products, processes, and services, in terms of the performance of all investigated products/prototypes.

OF1997-03: A ranking scheme developed to assess the relative potential of abandoned mine sites in Nevada to result in surface water and groundwater degradation

Statistical Methods for Ranking Data Mayer Alvo 2014-09-02 This book introduces advanced undergraduate, graduate students and practitioners to statistical methods for ranking data. An important aspect of nonparametric statistics is oriented towards the use of ranking data. Rank correlation is defined through the notion of distance functions and the notion of compatibility is introduced to deal with incomplete data. Ranking data are also modeled using a variety of modern tools such as CART, MCMC, EM algorithm and factor analysis. This book deals with statistical methods used for analyzing such data and provides a novel and unifying approach for hypotheses testing. The techniques described in the book are illustrated with examples and the statistical software is provided on the authors' website.

Context-Aware Ranking with Factorization Models Steffen Rendle 2010-11-11 Context-aware ranking is an important task with many applications. E.g. in recommender systems items (products, movies, ...) and for search engines webpages should be ranked. In all these applications, the ranking is not global (i.e. always the same) but depends on the context. Simple examples for context are the user for recommender systems and the query for search engines. More complicated context includes time, last actions, etc. The major problem is that typically the variable domains (e.g. customers, products) are categorical and huge, the observations are very sparse and only positive events are observed. In this book, a generic method for context-aware ranking as well as its application are presented. For modelling a new factorization based on pairwise interactions is proposed and compared to other tensor factorization approaches. For learning, the "Bayesian Context-aware Ranking" framework consisting of an optimization criterion and algorithm is developed. The second main part of the book applies this general theory to the three scenarios of item, tag and sequential-set recommendation. Furthermore extensions of time-variant factors and one-class problems are studied. This book generalizes and builds on work that has received the "WWW 2010 Best Paper Award", the "WSDM 2010 Best Student Paper Award" and the "ECML/PKDD 2009 Best Discovery Challenge Award".

Ranking of Multivariate Populations Livio Corain 2017-09-20 Ranking of Multivariate Populations: A Permutation Approach with Applications presents a novel permutation-based nonparametric approach for ranking several multivariate populations. Using data collected from both experimental and observation studies, it covers some of the most useful designs widely applied in research and industry investigations, such as multivariate analysis of variance (MANOVA) and multivariate randomized complete block (MRCB) designs. The first section of the book introduces the topic of ranking multivariate populations by presenting the main theoretical ideas and an in-depth literature review. The second section discusses a large number of real case studies from four specific research areas: new product development in industry, perceived quality of the indoor environment, customer satisfaction, and cytological and histological analysis by image processing. A web-based nonparametric combination global ranking software is also described. Designed for practitioners and postgraduate students in statistics and the applied sciences, this application-oriented book offers a practical guide to the reliable global ranking of multivariate items, such as products, processes, and services, in terms of the performance of all investigated products/prototypes.

Relevance Ranking for Vertical Search Engines Bo Long 2014-01-25 In plain, uncomplicated language, and using detailed examples to explain the key concepts, models, and algorithms in vertical search ranking, *Relevance Ranking for Vertical Search Engines* teaches readers how to manipulate ranking algorithms to achieve better results in real-world applications. This reference book for professionals covers concepts and theories from the fundamental to the advanced, such as relevance, query intention, location-based relevance ranking, and cross-property ranking. It covers the most recent developments in vertical search ranking applications, such as freshness-based relevance theory for new search applications, location-based relevance theory for local search applications, and cross-property ranking theory for applications involving multiple verticals. Foreword by Ron Brachman, Chief Scientist and Head, Yahoo! Labs Introduces ranking algorithms and teaches readers how to manipulate ranking algorithms for the best results Covers concepts and theories from the fundamental to the advanced Discusses the state of the art: development of theories and practices in vertical search ranking applications Includes detailed examples, case studies and real-world situations