

Read PDF By Millett Granger Morgan Uncertainty A Guide To Dealing With Uncertainty In Quantitative Risk And Policy Analysis 1st First Edition

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A risk analysis textbook which is intended as a basic text for students as well as a reference for practitioners and researchers. It provides a basis for policy analysis and draws upon a variety of case studies.

This book provides fresh insights into concepts, methods and new research findings on the causes of excessive food price volatility. It also discusses the implications for food security and policy responses to mitigate excessive volatility. The approaches applied by the contributors range from on-the-ground surveys, to panel econometrics and innovative high-frequency time series analysis as well as computational economics methods. It offers policy analysts and decision-makers guidance on dealing with extreme volatility.

This book consists of a series of articles that present novel trends in horticulture marketing and some of the key supply chain management issues for the horticulture industry across a wide range of geographical regions.

Many books instruct readers on how to use the tools of policy analysis. This book is different. Its primary focus is on helping readers to look critically at the strengths, limitations, and the underlying assumptions analysts make when they use standard tools or problem framings. Using examples, many of which involve issues in science and technology, the book exposes

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readers to some of the critical issues of taste, professional responsibility, ethics, and values that are associated with policy analysis and research. Topics covered include policy problems formulated in terms of utility maximization such as benefit-cost, decision, and multi-attribute analysis, issues in the valuation of intangibles, uncertainty in policy analysis, selected topics in risk analysis and communication, limitations and alternatives to the paradigm of utility maximization, issues in behavioral decision theory, issues related to organizations and multiple agents, and selected topics in policy advice and policy analysis for government.

The United States produces over seventy percent of all its electricity from fossil fuels and nearly fifty percent from coal alone. Worldwide, forty-one percent of all electricity is generated from coal, making it the single most important fuel source for electricity generation, followed by natural gas. This means that an essential part of any portfolio for emissions reduction will be technology to capture carbon dioxide and permanently sequester it in suitable geologic formations. While many nations have incentivized development of CCS technology, large regulatory and legal barriers exist that have yet to be addressed. This book identifies current law and regulation that applies to geologic sequestration in the U.S., the regulatory needs to ensure that geologic sequestration is carried out safely and effectively, and barriers that current law and regulation present to timely deployment of CCS. The authors find the three most significant barriers to be: an ill-defined process to access pore space in deep saline formations; a piecemeal, procedural, and static permitting system; and the lack of a clear, responsible plan to address long-term liability associated with sequestered CO₂. The book provides legislative options to remove these barriers and address the regulatory needs, and makes recommendations on the best options to encourage safe, effective deployment of CCS.

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The authors operationalize their recommendations in legislative language, which is of particular use to policymakers faced with the challenge of addressing climate change and energy.

“Carefully researched and lovingly written, Rinaldi’s latest presents a girl indentured to John and Abigail Adams during the tense period surrounding the 1770 Massacre. . . . Fortuitously timed, a novel that illuminates a moment from our past that has strong parallels to recent events. Bibliography.”—Kirkus Reviews

Developed for use as a reference work in graduate and undergraduate courses as well as for researchers, policymakers, and interested laypersons, the book is a unique collection of authoritative yet accessible journal articles about risk. Drawn from a variety of disciplines including the physical and social sciences, engineering, and law, the articles deal with a wide range of public policy, regulatory, management, energy, and environmental issues. The selections are accompanied by introductory notes, questions for thought and discussion, and suggestions for further reading.

Authored by a team of experts, the new edition of this bestseller presents practical techniques for managing inventory and production throughout supply chains. It covers the current context of inventory and production management, replenishment systems for managing individual inventories within a firm, managing inventory in multiple locations and firms, and production management. The book presents sophisticated concepts and solutions with an eye towards today’s economy of global demand, cost-saving, and rapid cycles. It explains

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how to decrease working capital and how to deal with coordinating chains across boundaries.

Felix is lucky. Unlike the other children in the orphanage, he's certain his parents will come back for him one day. And whatever the Nazis do and however many books they burn, Felix's imagination provides him and his companions with an endless supply of stories that protect them when they're on the run and one day may even save Felix's life.

In a rapidly changing world, there is an ever-increasing need to monitor the Earth's resources and manage it sustainably for future generations. Earth observation from satellites is critical to provide information required for informed and timely decision making in this regard. Satellite-based earth observation has advanced rapidly over the last 50 years, and there is a plethora of satellite sensors imaging the Earth at finer spatial and spectral resolutions as well as high temporal resolutions. The amount of data available for any single location on the Earth is now at the petabyte-scale. An ever-increasing capacity and computing power is needed to handle such large datasets. The Google Earth Engine (GEE) is a cloud-based computing platform that was established by Google to support such data processing. This facility allows for the storage, processing and analysis of spatial data using centralized high-power computing resources, allowing

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scientists, researchers, hobbyists and anyone else interested in such fields to mine this data and understand the changes occurring on the Earth's surface. This book presents research that applies the Google Earth Engine in mining, storing, retrieving and processing spatial data for a variety of applications that include vegetation monitoring, cropland mapping, ecosystem assessment, and gross primary productivity, among others. Datasets used range from coarse spatial resolution data, such as MODIS, to medium resolution datasets (Worldview -2), and the studies cover the entire globe at varying spatial and temporal scales.

"This report describes the methodology for risk-informed trade-space analysis developed by the U.S. Army Materiel Systems Analysis Activity Risk Integrated Product Team and researchers from the RAND Corporation and the first iteration of the associated Risk-Informed Trade Analysis Model. The framework combines elements of system engineering, production economics, and risk analysis to functionally and probabilistically relate performance, schedule, and cost outcomes and their uncertainties holistically and understandably. The technology development process is conceptualized as one in which the physical system is described as a portfolio of technologies with associated technical capabilities, and the completion of each technology's development is a discrete random

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variable. The performance characteristics of the final system are stochastic. In addition, the time of technology development is also stochastic and, in part, drives the overall cost of the system. In a departure from previous analyses, the authors incorporate technology-specific courses of action, or risk-mitigation behaviors, that are assumed to take place in the event that the technology is not developed at the milestone date. For example, one might assume that a lesser-performing but existing substitute could replace a particular developmental technology or that, if that technology is of critical importance, the schedule might be allowed to slip. Through analysis of alternative courses of action and their effects on the resultant probability distributions estimated for performance, schedule, and cost, decisionmakers have a means to understand the implications of certain risk-mitigating actions. Technology, schedule, and cost trades can be examined between or within individual systems"--Publisher's web site.

Health psychology is a rapidly expanding discipline at the interface of psychology and clinical medicine. This new edition is fully reworked and revised, offering an entirely up-to-date, comprehensive, accessible, one-stop resource for clinical psychologists, mental health professionals and specialists in health-related matters. There are two new editors: Susan Ayers from the University of Sussex and Kenneth Wallston from Vanderbilt University Medical Center. The prestigious

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editorial team and their international, interdisciplinary cast of authors have reconceptualised their much-acclaimed handbook. The book is now in two parts: part I covers psychological aspects of health and illness, assessments, interventions and healthcare practice. Part II covers medical matters listed in alphabetical order. Among the many new topics added are: diet and health, ethnicity and health, clinical interviewing, mood assessment, communicating risk, medical interviewing, diagnostic procedures, organ donation, IVF, MMR, HRT, sleep disorders, skin disorders, depression and anxiety disorders.

From the No.1 Sunday Times bestselling author of *The Ashes of London* comes the next book in the phenomenally successful series following James Marwood and Cat Lovett.

Pigments, corrosion products, and minerals are usually considered separately, either as painting materials or as the deterioration products of metals, even though they are often the same compounds. This 190-year review of the literature on copper and its alloys integrates that information across a broad spectrum of interests that are all too frequently compartmentalized. The author discusses the various environmental conditions to which copper alloy objects may be exposed-including burial, outdoor, and indoor museum environments-and the methods used to conserve them. The book also includes information on

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ancient and historical technologies, the nature of patina as it pertains to copper and bronze, and the use of copper corrosion materials as pigments. Chapters are organized primarily by chemical corrosion products and include topics such as early technologies, copper chlorides and bronze disease, the chemistry and history of turquoise, Egyptian blue and other synthetic copper silicates, the organic salts of copper in bronze corrosion, and aspects of bronze patinas. A detailed survey of conservation treatments for bronze objects is also provided. Four appendixes cover copper and bronze chemistry, replication experiments for early pigment recipes, a list of copper minerals and corrosion products, and X-ray diffraction studies.

A world list of books in the English language.

One approach to expressing the uncertainty in a cost estimate is probability distribution, and cost analysts have proposed getting such information from subjective probability distributions elicited from experts. This technical report offers a selective review of the literature of probability elicitation, both in the fields of psychology and statistics and in the cost risk field, and insights from senior people in the cost risk community.

Health Issues in the Black Community THIRD EDITION "The outstanding editors and authors of Health Issues in the Black Community have placed in clear perspective the challenges and opportunities we face in working to achieve the goal of health equity in

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America." —David Satcher, MD, PhD, 16th Surgeon General of the United States and director, Satcher Health Leadership Institute at Morehouse School of Medicine "Eliminating health disparities must be a central goal of any forward thinking national health policy. Health Issues in the Black Community makes a valuable contribution to a much-needed dialogue by focusing on the challenges of the black community." —Marc Morial, Esq., president, National Urban League "Health Issues in the Black Community illuminates comprehensively the range of health conditions specifically affecting African Americans, and the health disparities both within the black community and between racial and ethnic groups. Each chapter, whether addressing the health of African Americans by age, gender, type of disease, condition or behavior, is well-detailed and tells an important story. Together, they offer practitioners, consumers, scholars, and policymakers a crucial roadmap to address and change the social determinants of health, reduce disparities, and create more equal treatment for all Americans." —Risa Lavizzo-Mourey, MD, MBA, president, Robert Wood Johnson Foundation "I recommend Health Issues in the Black Community as a must-read for anyone concerned about the future of the African American community. Health disparities continues to be one of the major issues confronting the black community. This book will help to highlight the issues and keep attention focused on the work to be done." —Elsie Scott, PhD, president of the Congressional Black Caucus Foundation "This book is the definitive examination of health issues in black America—issues sadly overlooked and

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downplayed in our culture and society. I congratulate Drs. Braithwaite, Taylor, and Treadwell for their monumental book." —Cornel West, PhD, professor, Princeton University

Table of contents

At a time when an American's investment in the democratic process has largely been reduced to an annual contribution to a political party or organization, *Downsizing Democracy* offers a critical reassessment of American democracy.

Das bisherige institutionell arrangierte Verhältnis von Sicherheit und Risiko ist angesichts der massiven Veränderungen der inneren, der sozialen und der äußeren Sicherheit in der Krise. Moderne Gesellschaften stehen vor der Frage, wie und in welchen Formen dieses Verhältnis neu bestimmt und auf soziale, rechtliche und politische Weise neu arrangiert werden kann. Der Fokus dieses Bandes zielt auf die Evaluierung politischer, sozialer und technischer Umgangsweisen mit Risiko sowie auf die Analyse der gesellschaftlichen Imaginationen, die mit diesen unweigerlich verknüpft sind.

'Travel to Skagen and find him. Give him my letter. Seek a better life, Marianne! Promise!' Bound by a vow made to her dying mother, Marianne sells her few belongings and leaves Grimsby. Her destination? Denmark, where she will search for her father, Lars Christensen—the golden-haired fisherman her mother fell in love with many years before. The journey will be long—and dangerous for a young girl travelling

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alone. As Marianne boards the fishing boat that will carry her across the North Sea, she wonders: will Denmark be the fairy-tale land she has dreamt of? Will she find happiness there? Will the father she has never met welcome the arrival of his illegitimate child? And why didn't he return for her mother, as he promised he would?

Choice is a key concept of our time. It is a foundational mechanism for every legal order in societies that are, politically, constituted as democracies and, economically, built on the market mechanism. Thus, choice can be understood as an atomic structure that grounds core societal processes. In recent years, however, the debate over the right way to theorize choice - for example, as a rational or a behavioral type of decision making - has intensified. This collection provides an in-depth discussion of the promises and perils of specific types of theories of choice. It shows how the selection of a specific theory of choice can make a difference for concrete legal questions, in particular in the regulation of the digital economy or in choosing between market, firm, or network. In its first part, the volume provides an accessible overview of the current debates about rational versus behavioral approaches to theories of choice. The remainder of the book structures the vast landscape of theories of choice along with three main types: individual, collective, and organizational decision making. As theories of choice proliferate and become ever more sophisticated, however, the process of choosing an adequate theory of choice becomes increasingly intricate. This volume addresses this selection problem for the various legal arenas in which individual, organizational, and collective decisions matter. By drawing on economic, technological, political, and legal points of view, the volume shows which theories of choice are at the disposal of the legally relevant decision-

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maker, and how they can be operationalized for the solution of concrete legal problems. The editors acknowledge the kind support of the Fritz Thyssen Foundation for an exploratory conference on the subject of the book.

A story to break your heart – if you read only one book this year, make it *The Fortunate Ones*. Germany, 1941. When Inge – all blonde curls and good manners – first locks eyes with Felix, she knows instinctively that he’s off limits. Her staunchly proper parents will never approve of a working-class Jewish boy for their precious only daughter. But that doesn’t make their first, shy kiss less significant, or the moment they’re torn apart less shocking. The next time they see each other, it will be across the packed courtyard of a Nazi concentration camp – Felix in the prisoners’ ranks and Inge on the arm of her new, Nazi husband. Inge never knew that her father’s ‘party loyalty’ would extend to marrying her off to a cruel Nazi officer twice her age, who sees his new wife as just another thing to control. She has always been a good girl – a silent wife – but when Inge sees Felix that day – beaten, bloody and brave – she knows she can’t stay silent any longer. She must save him, whatever the cost, whatever her husband or even her country might do to her later... What readers are saying about *The Fortunate Ones*: ***** ‘What an amazing read, well written emotional and very compelling... I was totally absorbed in the story and I would love to give it 10 stars. One of my best reads this year. I can't begin to say how much I loved this book, I couldn't put it down, absolutely brilliant.’ Goodreads reviewer ***** ‘Heartbreaking... I cried many, many times... This story showed just how important hope can be.... The historical detail Hokin poured into this book through her research was simply phenomenal. *The Fortunate Ones* is a must-read.’ Goodreads reviews ***** ‘This was a wonderful story about romance, life, and survival. I could not put it down...

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heartbreaking.' Crossroad Reviews ***** 'This story just swept me away... I was left speechless... just wow!!... I do recommend a box of tissues... This book will have you turning the pages.' Red Headed Book Lady blog ***** 'I stayed up all hours to finish this book. There were moments I could barely breathe. A fantastic and compelling read if you like suspense, WWII, and stories that aren't always tied neatly with a bow.' Goodreads reviewer ***** 'What an extraordinary, engaging story. It moved me to undiscovered heights of understanding and compassion. A novel that will stay in my mind forever.' Goodreads reviewer ***** 'Contained within a richly detailed narrative was a story that spoke of prevalence of the human spirit, both resilient and beatific, bowed but never broken by the unfathomable horrors of war. Captivating. Sobering. Unflinching. 5+ stars.' Goodreads reviewer 'The writing is deeply moving, so much detail is cleverly woven throughout to make this a vivid and entrancing read. Strong characters make this such a gripping read.' NetGalley reviewer 'From the first to the very last page this story was a sheer joy to read. One of hope, despair, love and loss and history combined this book has it all. Thoroughly recommend.' Goodreads reviewer

A sophisticated reader ought to view with great skepticism the prospect of answering questions about the long-term future. The checkered history of predicting the future—from the famous declarations that humans would never fly to the Limits to Growth study to claims about the "New Economy"—has dissuaded policymakers from considering the effects of their decisions more than a few months or years ahead. However, today's choices will significantly influence the course of the twenty-first century. New analytic methods, enabled by modern computers, may transform our ability to reason systematically about the long term. This report reviews traditional methods of grappling with the morrow, from narratives to scenario analysis, which

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fail to address the multiplicity of plausible long-term futures. The authors demonstrate a quantitative approach to long-term policy analysis (LTPA). Robust decision methods enable decisionmakers to examine a vast range of plausible futures and design near-term, often adaptive, strategies to be robust across them. Reframing the question "What will the long-term future bring?" as "How can we choose actions today that will be consistent with our long-term interests?" these methods provide powerful analytic support to humans' innate capacity for "what-if-ing." Choosing the challenge of sustainable development as an example, the authors discuss how these methods may be applied to real-world LTPA and a wide range of other challenges of decisionmaking under conditions of deep uncertainty.

The improvement of exercise performance in sports not only involves the enhancement of physical strength, but also includes the development of psychological and cognitive functions. There is an increasing body of evidence to show that physical exercise is a powerful way to improve a number of aspects of cognition and brain function at the systemic and behavioral levels. Yet, several questions remain: What type of exercise program is optimal for improving cognitive functions? What are the real effects of certain innovative exercise protocols on the relationship between behavior and the brain? To what extent do ergogenic aids boost cognitive function? How efficient are neuromodulation techniques in relation to behavioral performance? The answers to these questions likely require multidisciplinary insights not only from physiologists and sports scientists, but also from neuroscientists and psychologists. The manuscripts published (16 research papers and one perspective article from various academic fields) in this Special Issue Book "Exercise: A Gate That Primes the Brain to Perform" bring together current knowledge and novel directions in human exercise-cognition research dealing

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with performance. This book showcases the various relationships between cognitive function, brain activity, and behavioral performance with applications in sports and exercise science. For the Colleys of southeastern Missouri, the War between the States is a plague that threatens devastation, despite the family's avowed neutrality. For eighteen-year-old Adair Colley, it is a nightmare that tears apart her family and forces her and her sisters to flee. The treachery of a fellow traveler, however, brings about her arrest, and she is caged with the criminal and deranged in a filthy women's prison. But young Adair finds that love can live even in a place of horror and despair. Her interrogator, a Union major, falls in love with her and vows to return for her when the fighting is over. Before he leaves for battle, he bestows upon her a precious gift: freedom. Now an escaped "enemy woman," Adair must make her harrowing way south buoyed by a promise . . . seeking a home and a family that may be nothing more than a memory.

Piloting is an important form of policy experimentation and a promising tool for policymakers to innovate, formulate and test alternative policy designs for the future. While this is recognized in theory, there are several challenges in realizing a pilot's potential to do so in practice. Addressing these challenges ask for a deeper understanding of the design of policy pilots and their outcomes in terms of how they mainstream into routine policymaking. Looking back at selected national piloting initiatives in Indian agriculture over a period of twenty-five years, this book draws insights for policy theory and practice. Design features of pilots that are found to influence their scaling-up and translation into formal policies (or not) are distilled from literature and compared across the selected cases. Theoretical insights from the book can be extended and adapted to agricultural policymaking in other Asian countries as well as to policy

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formulation in other sectors.

Originally published in 1991. A multidisciplinary guide in the form of a bibliography of selected time-related books and articles divided into 25 existing academic disciplines and about 100 subdisciplines which have a wide application to time studies.

Discusses the health effects of high-voltage transmission lines. Covers the nature of the electric and magnetic fields produced, cellular and animal experiments, human exposures, cancer and electromagnetic fields, current research and regulations, and policy alternatives.

In response to the coronavirus disease 2019 (COVID-19) pandemic and the societal disruption it has brought, national governments and the international community have invested billions of dollars and immense amounts of human resources to develop a safe and effective vaccine in an unprecedented time frame. Vaccination against this novel coronavirus, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), offers the possibility of significantly reducing severe morbidity and mortality and transmission when deployed alongside other public health strategies and improved therapies. Health equity is intertwined with the impact of COVID-19 and there are certain populations that are at increased risk of severe illness or death from COVID-19. In the United States and worldwide, the pandemic is having a disproportionate impact on people who are already disadvantaged by virtue of their race and ethnicity, age, health status, residence, occupation, socioeconomic condition, or other contributing factors.

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Framework for Equitable Allocation of COVID-19 Vaccine offers an overarching framework for vaccine allocation to assist policy makers in the domestic and global health communities. Built on widely accepted foundational principles and recognizing the distinctive characteristics of COVID-19, this report's recommendations address the commitments needed to implement equitable allocation policies for COVID-19 vaccine.

In a world of pagan traditions and deeply rooted love, a girl in jeopardy must save her family and community. A transporting historical novel by New York Times–bestselling author Cathy Marie Buchanan. It's the season of Fallow, in the era of iron. In a northern misty bog surrounded by woodlands and wheat fields, a settlement lies far beyond the reach of the Romans invading hundreds of miles to the southeast. Here, life is simple—or so it seems to the tightly knit community. Sow. Reap. Honor Mother Earth, who will provide at harvest time. A girl named Devout comes of age, sweetly flirting with the young man she's tilled alongside all her life, and envisions a future of love and abundance. Seventeen years later, though, the settlement is a changed place. Famine has brought struggle, and outsiders, with their foreign ways and military might, have arrived at the doorstep. For Devout's young daughter, life is more troubled than her mother ever anticipated. But this girl has an extraordinary gift. As worlds collide and peril threatens, it will be up to her to save her family and community. Set in a time long forgotten, *Daughter of Black Lake* brings the ancient world to life and introduces us to an unforgettable family facing an unimaginable trial.

