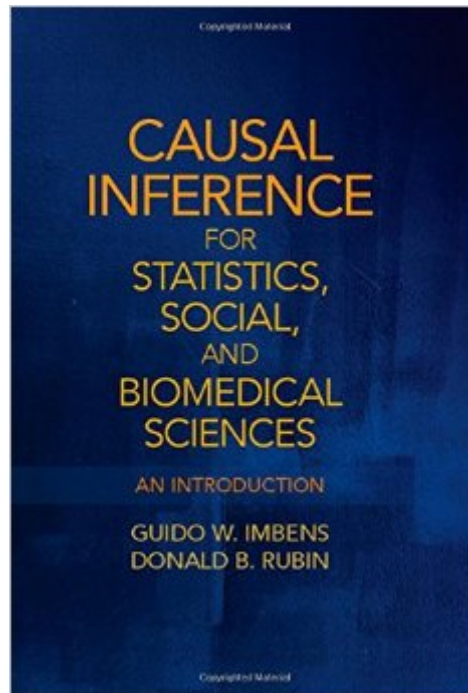


The book was found

Causal Inference For Statistics, Social, And Biomedical Sciences: An Introduction



Synopsis

Most questions in social and biomedical sciences are causal in nature: what would happen to individuals, or to groups, if part of their environment were changed? In this groundbreaking text, two world-renowned experts present statistical methods for studying such questions. This book starts with the notion of potential outcomes, each corresponding to the outcome that would be realized if a subject were exposed to a particular treatment or regime. In this approach, causal effects are comparisons of such potential outcomes. The fundamental problem of causal inference is that we can only observe one of the potential outcomes for a particular subject. The authors discuss how randomized experiments allow us to assess causal effects and then turn to observational studies. They lay out the assumptions needed for causal inference and describe the leading analysis methods, including, matching, propensity-score methods, and instrumental variables. Many detailed applications are included, with special focus on practical aspects for the empirical researcher.

Book Information

Hardcover: 644 pages

Publisher: Cambridge University Press; 1 edition (April 6, 2015)

Language: English

ISBN-10: 0521885884

ISBN-13: 978-0521885881

Product Dimensions: 7 x 1.3 x 10 inches

Shipping Weight: 2.8 pounds (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 starsÂ Â See all reviewsÂ (7 customer reviews)

Best Sellers Rank: #77,756 in Books (See Top 100 in Books) #54 inÂ Books > Medical Books > Research #80 inÂ Books > Textbooks > Medicine & Health Sciences > Research #107 inÂ Books > Politics & Social Sciences > Social Sciences > Research

Customer Reviews

Awesome possum. Easy to read primer from two innovators in this field. No brainer acquisition for Academics and practitioners alike. 4 thumbs up!

A great book. It has careful and easy (to follow) arguments that help to understand interesting situations.

Imbens & Rubin are masters.

Recommended strongly by Prof. Strauss, really the best!

[Download to continue reading...](#)

Causal Inference for Statistics, Social, and Biomedical Sciences: An Introduction Counterfactuals and Causal Inference: Methods and Principles for Social Research (Analytical Methods for Social Research) Biomedical Ethics for Engineers: Ethics and Decision Making in Biomedical and Biosystem Engineering (Biomedical Engineering Series) Statistics for People Who (Think They) Hate Statistics (Salkind, Statistics for People Who(Think They Hate Statistics(Without CD)) All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) Dopamine Receptor Sub-Types: From Basic Sciences to Clinical Applications (Biomedical and Health Research, Vol. 19) (Biomedical and Health Research, V. 19) An Introduction to Statistics with Python: With Applications in the Life Sciences (Statistics and Computing) Statistical Inference Based on Divergence Measures (Statistics: A Series of Textbooks and Monographs) Medical Aspects of Proteases and Proteases Inhibitors (Biomedical and Health Research, Vol. 15) (Biomedical and Health Research, V. 15) Quantitative Biomedical Optics: Theory, Methods, and Applications (Cambridge Texts in Biomedical Engineering) Biomedical Engineering and Design Handbook, Volume 1: Volume I: Biomedical Engineering Fundamentals Student Solutions Manual for Stewart/Day's Calculus for Life Sciences and Biocalculus: Calculus, Probability, and Statistics for the Life Sciences Designing Social Inquiry: Scientific Inference in Qualitative Research The SAGE Dictionary of Statistics & Methodology: A Nontechnical Guide for the Social Sciences An Introduction to Probability and Statistical Inference, Second Edition Social Anxiety: Ultimate Guide to Overcoming Fear, Shyness, and Social Phobia to Achieve Success in All Social Situations (BONUS, Anxiety Relief, Social Anxiety Treatment) Social Security: Time for a Life of Leisure - The Guide of Secrets to Maximising Social Security Retirement Benefits and Planning Your Retirement (social ... disability, social security made simple) The Three Cultures: Natural Sciences, Social Sciences, and the Humanities in the 21st Century Finite Mathematics for Business, Economics, Life Sciences, and Social Sciences (13th Edition) Calculus for Business, Economics, Life Sciences, and Social Sciences (13th Edition)

[Dmca](#)