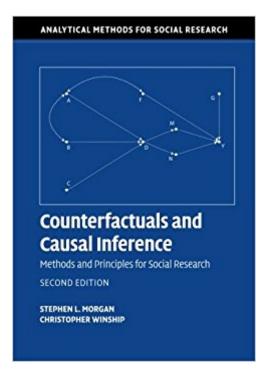The book was found

Counterfactuals And Causal Inference: Methods And Principles For Social Research (Analytical Methods For Social Research)

Synopsis

In this second edition of Counterfactuals and Causal Inference, completely revised and expanded, the essential features of the counterfactual approach to observational data analysis are presented with examples from the social, demographic, and health sciences. Alternative estimation techniques are first introduced using both the potential outcome model and causal graphs; after which, conditioning techniques, such as matching and regression, are presented from a potential outcomes perspective. For research scenarios in which important determinants of causal exposure are unobserved, alternative techniques, such as instrumental variable estimators, longitudinal methods, and estimation via causal mechanisms, are then presented. The importance of causal effect heterogeneity is stressed throughout the book, and the need for deep causal explanation via mechanisms is discussed.

Book Information

Average Customer Review: 4.7 out of 5 stars 8 customer reviews

Best Sellers Rank: #85,044 in Books (See Top 100 in Books) #112 inÃ Â Books > Politics & Social Sciences > Social Sciences > Methodology #257 inÃ Â Books > Politics & Social Sciences > Social Sciences > Research #418 inÃ Â Books > Textbooks > Science & Mathematics > Mathematics > Statistics

Customer Reviews

"The use of counterfactuals for causal inference has brought clarity to our reasoning about causality. And this second edition by Morgan and Winship will bring clarity to anyone trying to learn about the field. It is an excellent introduction to the topic, and a fine place to begin learning causal inference." Tyler J. VanderWeele, Harvard University, Massachusetts"This improved edition of Morgan and Winship's book elevates traditional social sciences, including economics, education and political science, from a hopeless flirtation with regression to a solid science of causal

interpretation, based on two foundational pillars: counterfactuals and causal graphs. A must for anyone seeking an understanding of the modern tools of causal analysis, and a must for anyone expecting science to secure explanations, not merely descriptions." Judea Pearl, University of California, Los Angeles"More has been learned about causal inference in the last few decades than the sum total of everything that had been learned about it in all prior recorded history. The first comprehensive survey of the modern causal inference literature was the first edition of Morgan and Winship. Now with the second edition of this successful book comes the most up-to-date treatment." Gary King, Harvard University, Massachusetts"The second edition of Counterfactuals and Causal Inference should be part of the personal library of any social scientist who is engaged in quantitative research. For those with a copy of the first edition, purchase of the second edition is indeed well worth the investment." Peter Messeri, Canadian Studies in Population

Cause-and-effect questions are the motivation for most research in the social, demographic, and health sciences, even though definitive answers to cause-and-effect questions may not always be possible given the constraints that researchers face in collecting data and evaluating alternative explanations. The counterfactual approach to causal analysis represents a unified framework for the prosecution of these questions. This second edition of Counterfactuals and Causal Inference aims to convince more social scientists to take a counterfactual approach when analyzing the core empirical questions of the social sciences as well as applied research questions of public importance.

This is a perfect introductory book to causal inference but those who are already familiar with the topic should also find it useful. Since it is written for social science researchers, the math is very minimal and a technical person might initially find the book a bit wordy. However, the concepts are actually explained in a very clear fashion and the detailed explanation and description are quite helpful. I also own the previous version but this one is quite a bit expanded and is worth the buy especially given the relatively low price.

Contrary to the previous review, I found the exposition of methods, analyses and explanations highly readable. The writing is more elaborate than the first edition. However, this can be viewed as a strength of the second edition with in-depth examples, and clear arguments.

Worth buying even if you have the first edition.

This is a much enhanced and improved version over the first edition. More examples are provided and more in depth explanations are given. This is a very good introductory text to causal inference as it explains the fundamental concepts and assumptions very well. The only drawback is that the examples are just summaries and there is no nuts and bolts of how to perform an causal analysis based on actual data.

A good book on the issues surrounding the estimation of cause and effect in an observational science -- as opposed to an experimental context -- such as economics and sociology. Does not pose a final answer, but explores a technique of essential value. Is it the only approach? No. But it is an excellent explication of the method, and takes us one step closer to a truly scientific methodology in what are unfortunately termed the "social" sciences.

Great book!

Great text, but why the print face so faint and small? I almost signed up for the ebook to rest my eyes.

systematic

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