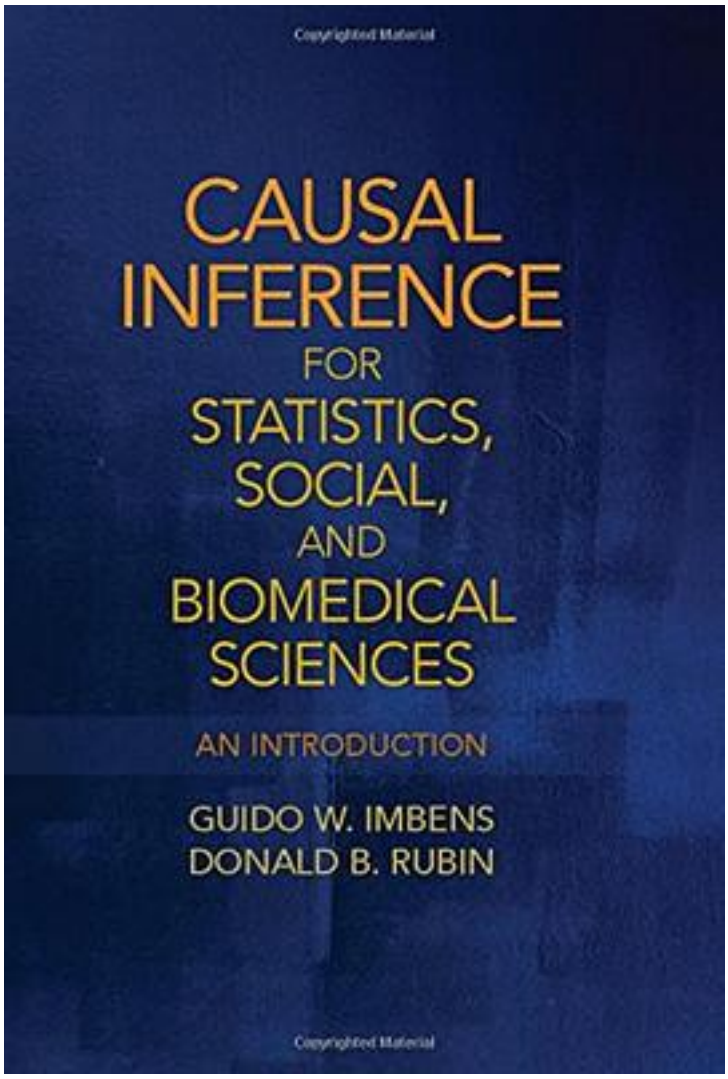
Causal Inference for Statistics, Social, and Biomedical Sciences



Causal Inference for Statistics, Social, and Biomedical Sciences_下载链接1_

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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.

作者介绍:

目录: Part I. Introduction:

25. Model-based analyses with instrumental variables
Part VII. Conclusion:
26. Conclusions and extensions.
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标签

计量经济学

统计

Statistics

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科学研究

方法论

Methodology

经济理论

评论

Rubin有一种把简单事情将复杂的超能力

基本弃了，Rubin
体系的一家言，还这么长，还这么难懂。有其他评论说“Rubin有一种把简单事情将复杂的超能力”我看是对的。我看到过好几篇在 Rubin
体系工作的论文都是一脸懵逼，怕是被原始文献带坏了吧

Potential outcomes approach to causality

Causal inference beyond Regressions. But still based on the Potential Outcome Framework.

案头参考书。内容过于偏向作者本人的研究，等在这个圈子里混久了就会知道这远非Causal Inference全貌。

这本书让我觉得我之前统计学的东西都白学了。

偏啰嗦

过长，弃

因果推断入门

勉强看完了一遍，准备二刷

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书评

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