Causal Inference In Sociological Research

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Abstract. Originating in econometrics and statistics, the counterfactual model provides a natural framework for clarifying the requirements for valid causal inference in the social sciences. This article presents the basic potential outcomes model and discusses the main approaches to identification in social science research.

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Originating in econometrics and statistics, the counterfactual model provides a natural framework for clarifying the requirements for valid causal inference in the social sciences. This article...

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Causal Inference in Sociological Research (Annual Review of Sociology Book 36) eBook: Markus Gangl: Amazon.co.uk: Kindle Store

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Causal Inference in Sociological Studies. This book provides an excellent reference guide to basic theoretical arguments, practical quantitative techniques and the methodologies that the majority of social science researchers are likely to require for postgraduate study and beyond.

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Causal Inference in Sociological Research. Causal Inference in Sociological Research Gangl, Markus 2010-08-11 00:00:00 Originating in econometrics and statistics, the counterfactual model provides a natural framework for clarifying the requirements for valid causal inference in the social sciences. This article presents the basic potential outcomes model and discusses the main approaches to identification in social science research.

Causal Inference in Sociological Research, Annual Review ...
Causal Inference in Sociological Research Markus Gangl Department of Sociology, University of Wisconsin, Madison, Wisconsin 53706-1320; email: Annu. Rev. Sociol. 2010. 36:21−47 First published online as a Review in Advance on April 5, 2010 The Annual Review of Sociology is online at Sociological Research Markus Gangl Department of Sociology

Causal Inference in Sociological Research.pdf - SO36CH02 ...
Causal inference is the process of drawing a conclusion about a causal connection based on the conditions of the occurrence of an effect. The main difference between causal inference and inference of association is that the former analyzes the response of the effect variable when the cause is changed. The science of why things occur is called etiology. Causal inference is an example of causal reasoning.

Causal inference - Wikipedia
Methods associated with three major strategies of small-N causal inference are examined: nominal comparison, ordinal comparison, and within-case analysis. The article argues that the use of these three strategies within particular small -N studies has led scholars to reach radically divergent conclusions about the logic of causal analysis in small -N research.

Strategies of Causal Inference in Small-N Analysis - JAMES ...
Examines causal inference from a counterfactual perspective. Offers techniques for the

estimation of causal effects. Provides examples from the social, demographic, and health sciences. The second edition has been thoroughly revised and enlarged, and is 163% of the first edition by length. Read more.

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Construct a causal DAG that reflects assumptions about how factors relate to one-another, including confounding and selection bias. Explain the difference between standardization and stratification for managing confounding and bias. Use an appropriate theory and conceptual framework to build a DAG for a testable hypothesis about health outcomes.

Causal Inference in Epidemiological Research (GLBH0043 ...
The handbook covers a wide range of important topics of causal inference and surely is an invaluable resource for students and researchers interested in the topic. … due to the exceptionally high quality, the clarity of presentation, and the many examples the handbook is well-suited for teaching methodology to advanced classes. … it will bring the field of causal inference forward and raise the methodological rigor of social science research in general." (Tobias Wolbring, Mda ...

Handbook of Causal Analysis for Social Research (Handbooks ...
Methods associated with three major strategies of small-N causal inference are examined: nominal comparison, ordinal comparison, and within-case analysis.

(PDF) Strategies of Causal Inference in Small-N Analysis
Counterfactuals and Causal Inference: Methods and Principles for Social Research: Morgan, Stephen L., Winship, Christopher: Amazon.sg: Books

Did mandatory busing programs in the 1970s increase the school achievement of disadvantaged minority youth? Does obtaining a college degree increase an individual's labor market earnings? Did the use of the butterfly ballot in some Florida counties in the 2000 presidential election cost Al Gore votes? If so, was the number of miscast votes sufficiently large to have altered the election outcome? At their core, these types of questions are simple cause-and-effect questions. Simple cause-and-effect questions are the motivation for much empirical work in the social sciences. This book presents a model and set of methods for causal effect estimation that social scientists can use to address causal questions such as these. The essential features of the counterfactual model of causality for observational data analysis are presented with examples from sociology, political science, and economics.

A fundamental book for social researchers. It provides a first-class, reliable guide to the basic issues in data analysis. Scholars and students can turn to it for teaching and applied needs with confidence.

This new edition aims to convince social scientists to take a counterfactual approach to the core questions of their fields.

What constitutes a causal explanation, and must an explanation be causal? What warrants a causal inference, as opposed to a descriptive regularity? What techniques are available to detect when causal effects are present, and when can these techniques be used to identify the relative importance of these effects? What complications do the interactions of individuals

create for these techniques? When can mixed methods of analysis be used to deepen causal accounts? Must causal claims include generative mechanisms, and how effective are empirical methods designed to discover them? The Handbook of Causal Analysis for Social Research tackles these questions with nineteen chapters from leading scholars in sociology, statistics, public health, computer science, and human development.

While some social scientists may argue that we have always been networked, the increased visibility of networks today across economic, political, and social domains can hardly be disputed. Social networks fundamentally shape our lives and social network analysis has become a vibrant, interdisciplinary field of research. In The Oxford Handbook of Social Networks, Ryan Light and James Moody have gathered forty leading scholars in sociology, archaeology, economics, statistics, and information science, among others, to provide an overview of the theory, methods, and contributions in the field of social networks. Each of the thirty-three chapters in this Handbook moves through the basics of social network analysis aimed at those seeking an introduction to advanced and novel approaches to modeling social networks statistically. They cover both a succinct background to, and future directions for, distinctive approaches to analyzing social networks. The first section of the volume consists of theoretical and methodological approaches to social networks, such as visualization and network analysis, statistical approaches to networks, and network dynamics. Chapters in the second section outline how network perspectives have contributed substantively across numerous fields, including public health, political analysis, and organizational studies. Despite the rapid spread of interest in social network analysis, few volumes capture the state-of-the-art theory, methods, and substantive contributions featured in this volume. This Handbook therefore offers a valuable resource for graduate students and faculty new to networks looking to learn new approaches, scholars interested in an overview of the field, and network analysts looking to expand their skills or substantive areas of research.

"This book covers the basics of traditional educational testing, measurement, and evaluation theory and methodology, as well as sociopolitical issues and trends influencing the future of that research and practice"--Publisher's description.

Presenting original contributions from the key experts in the field, the Research Handbook on the Sociology of Education explores the major theoretical, methodological, empirical and political challenges and pressing social questions facing education in current times.

'The editors of the new SAGE Handbook of Regression Analysis and Causal Inference have assembled a wide-ranging, high-quality, and timely collection of articles on topics of central importance to quantitative social research, many written by leaders in the field. Everyone engaged in statistical analysis of social-science data will find something of interest in this book.' - John Fox, Professor, Department of Sociology, McMaster University 'The authors do a great job in explaining the various statistical methods in a clear and simple way - focussing on fundamental understanding, interpretation of results, and practical application - yet being precise in their exposition.' - Ben Jann, Executive Director, Institute of Sociology, University of Bern 'Best and Wolf have put together a powerful collection, especially valuable in its separate discussions of uses for both cross-sectional and panel data analysis.' -Tom Smith, Senior Fellow, NORC, University of Chicago Edited and written by a team of leading international social scientists, this Handbook provides a comprehensive introduction to multivariate methods. The Handbook focuses on regression analysis of cross-sectional and longitudinal data with an emphasis on causal analysis, thereby covering a large number of different techniques including selection models, complex samples, and regression discontinuities. Each

Part starts with a non-mathematical introduction to the method covered in that section, giving readers a basic knowledge of the method's logic, scope and unique features. Next, the mathematical and statistical basis of each method is presented along with advanced aspects. Using real-world data from the European Social Survey (ESS) and the Socio-Economic Panel (GSOEP), the book provides a comprehensive discussion of each method's application, making this an ideal text for PhD students and researchers embarking on their own data analysis.

The application of causal inference methods is growing exponentially in fields that deal with observational data. Written by pioneers in the field, this practical book presents an authoritative yet accessible overview of the methods and applications of causal inference. With a wide range of detailed, worked examples using real epidemiologic data as well as software for replicating the analyses, the text provides a thorough introduction to the basics of the theory for non-time-varying treatments and the generalization to complex longitudinal data.

An accessible, contemporary introduction to the methods for determining cause and effect in the social sciences "Causation versus correlation has been the basis of arguments--economic and otherwise--since the beginning of time. Causal Inference: The Mixtape uses legit real-world examples that I found genuinely thought-provoking. It's rare that a book prompts readers to expand their outlook; this one did for me."--Marvin Young (Young MC) Causal inference encompasses the tools that allow social scientists to determine what causes what. In a messy world, causal inference is what helps establish the causes and effects of the actions being studied--for example, the impact (or lack thereof) of increases in the minimum wage on employment, the effects of early childhood education on incarceration later in life, or the influence on economic growth of introducing malaria nets in developing regions. Scott Cunningham introduces students and practitioners to the methods necessary to arrive at meaningful answers to the questions of causation, using a range of modeling techniques and coding instructions for both the R and the Stata programming languages.

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