Causal Inference and Scientific Paradigms in Epidemiology

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About the ebook

This anthology of articles on causal inference and scientific paradigms in epidemiology covers several important topics including the search for causal explanations, the strengths and limitations of causal criteria, quantitative approaches for assessing causal relationships that are relevant to epidemiology and emerging paradigms in epidemiologic research.

Contents

- Historical Foundations of Causal Inference in Epidemiology
- Contemporary Epidemiologic Concepts Regarding Causality
- Seeking Causal Explanations in Epidemiology Subdisciplines
- Scientific Paradigms in Epidemiology and Professional Values
- Emerging Paradigms in Epidemiology and Public Health: Metaphors and Conceptual Models
- Genetic Variants and Individual- and Societal-Level Factors
- Research Paradigms and the Strengthening of Causal Inference in Epidemiology

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