1. Record Nr. UNINA9910459790903321 Autore VanderWeele Tyler Titolo Explanation in causal inference: methods for mediation and interaction // Tyler J. VanderWeele Pubbl/distr/stampa New York:,: Oxford University Press,, 2015 ©2015 **ISBN** 0-19-932588-X Descrizione fisica 1 online resource (729 p.) Disciplina 001.4/22 Soggetti Social sciences - Research Social sciences - Methodology Causation Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Explanation in Causal Inference; Copyright; Dedication; Contents; Preface; Part 1 Mediation Analysis; 1 Explanation and Mechanism: 1.1 Causal Inference and Explanation: 1.2 Forms of Explanation and Types of Mechanisms: 1.3 Motivations for Assessing Mediation, Interaction, and Interference; 1.4 Organization of this Book; 2 Mediation: Introduction and Regression-Based Approaches; 2.1 Classic Regression Approach to Mediation Analysis; 2.2 Counterfactual

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## Sommario/riassunto

The book provides an accessible but comprehensive overview of methods for mediation and interaction. There has been considerable and rapid methodological development on mediation and moderation/interaction analysis within the causal-inference literature over the last ten years. Much of this material appears in a variety of specialized journals, and some of the papers are quite technical. There has also been considerable interest in these developments from empirical researchers in the social and biomedical sciences. However, much of the material is not currently in a format that is accessible t