# Contents

**Preface: Learning to Think Like a Social Scientist**  
*page ix*

**About the Contributors**  
*xiii*

## PART I. MODELS AND METHODS IN THE SOCIAL SCIENCES

*Andrew Gelman*

1. Introduction and Overview  
   *page 3*

2. What’s in a Number? Definitions of Fairness and Political Representation  
   *page 11*

3. The Allure and Limitations of Mathematical Modeling: Game Theory and Trench Warfare  
   *page 20*

## PART II. HISTORY

*Herbert S. Klein and Charles Stockley*

4. Historical Background of Quantitative Social Science  
   *page 35*

5. Sources of Historical Data  
   *page 52*

6. Historical Perspectives on International Exchange Rates  
   *page 59*

7. Historical Data and Demography in Europe and the Americas  
   *page 83*

## PART III. ECONOMICS

*Richard Clarida and Marta Noguer*

8. Learning from Economic Data  
   *page 99*

9. Econometric Forecasting and the Flow of Information  
   *page 111*

10. Two Studies of Interest Rates and Monetary Policy  
    *page 134*

## PART IV. SOCIOLOGY

*Seymour Spilerman and Emanuele Gerratana*

11. Models and Theories in Sociology  
    *page 155*

12. Explanations of the Racial Disturbances of the 1960s  
    *page 164*

13. The Time Series of Lynchings in the American South  
    *page 176*

14. Attainment Processes in a Large Organization  
    *page 191*
## Contents

### PART V. POLITICAL SCIENCE

Charles Cameron

15. What Is Political Science? .................................................. 207
16. The Politics of Supreme Court Nominations: The Critical Role of the Media Environment .......................................................... 223
17. Modeling Strategy in Congressional Hearings ......................... 242

### PART VI. PSYCHOLOGY

E. Tory Higgins, Elke Weber, and Heidi Grant

18. Formulating and Testing Theories in Psychology ...................... 271

### PART VII. TO TREAT OR NOT TO TREAT: CAUSAL INFERENCE IN THE SOCIAL SCIENCES

Jeronimo Cortina

21. The Potential-Outcomes Model of Causation .......................... 303
22. Some Statistical Tools for Causal Inference with Observational Data .............................................................................. 309
23. Migration and Solidarity ......................................................... 319

References ................................................................................. 327

Index ......................................................................................... 339