Record Nr. UNINA9910826597303321 Autore Morton Rebecca B. <1954-> Titolo Methods and models: a guide to the empirical analysis of formal models in political science / / Rebecca B. Morton Cambridge [England];; New York,: Cambridge University Press, 1999 Pubbl/distr/stampa **ISBN** 1-107-11584-1 1-280-43225-X 0-511-04019-9 0-511-17297-4 0-511-15191-8 0-511-30209-6 0-511-61247-8 0-511-05119-0 Edizione [1st ed.] Descrizione fisica 1 online resource (x, 326 pages) : digital, PDF file(s) 320/.01/5 Disciplina Soggetti Political science - Mathematical models Political statistics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Title from publisher's bibliographic system (viewed on 05 Oct 2015). Includes bibliographical references (p. 295-315) and indexes. Nota di bibliografia Nota di contenuto Cover; Half-title; Title; Copyright; Contents; Acknowledgments; PART I Introduction: CHAPTER 1 Political Science's Dilemma; PART II Formal Models in Political Science: CHAPTER 2 What Makes a Model Formal?: CHAPTER 3 The Variety of Formal Models; PART III Empirical Evaluation of Formal Models; CHAPTER 4 Fundamentals of Empirical Evaluation; CHAPTER 5 Evaluating Assumptions; CHAPTER 6 Evaluating Predictions: Equilibria, Disequilibria, and Multiequilibria; CHAPTER 7 Evaluating Relationship Predictions; CHAPTER 8 Evaluating Alternative Models; PART IV A Second Revolution; CHAPTER 9 The Present and the Future; References: Name Index: Subject Index Sommario/riassunto At present much of political science consists of a large body of formal mathematical work that remains largely unexplored empirically and an expanding use of sophisticated statistical techniques. While there are examples of noteworthy efforts to bridge the gap between these, there is still a need for much more cooperative work between formal

theorists and empirical researchers in the discipline. This book explores how empirical analysis has, can, and should be used to evaluate formal models in political science. The book is intended to be a guide for active and future political scientists who are confronting the issues of empirical analysis with formal models in their work and as a basis for a needed dialogue between empirical and formal theoretical researchers in political science. These developments, if combined, are potentially a basis for a new revolution in political science.