1.	Record Nr.	UNINA9910144711403321
	Titolo	Applied Bayesian modeling and causal inference from incomplete-data perspectives [[electronic resource]] : an essential journey with Donald Rubin's statistical family / / edited by Andrew Gelman, Xiao-Li Meng
	Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : Wiley, c2004
	ISBN	1-280-26898-0 9786610268986 0-470-09045-6 0-470-09044-8
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (437 p.)
	Collana	Wiley series in probability and statistics
	Altri autori (Persone)	RubinDonald B GelmanAndrew MengXiao-Li
	Disciplina	519.5/42 519.542
	Soggetti	Bayesian statistical decision theory Missing observations (Statistics)
	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 (p. 361-400) and index.
	Nota di contenuto	Applied Bayesian Modeling and Causal Inference from Incomplete-Data Perspectives; Contents; Preface; I Casual inference and observational studies; 1 An overview of methods for causal inference from observational studies; 1.1 Introduction; 1.2 Approaches based on causal models; 1.3 Canonical inference; 1.4 Methodologic modeling; 1.5 Conclusion; 2 Matching in observational studies; 2.1 The role of matching in observational studies; 2.2 Why match?; 2.3 Two key issues: balance and structure; 2.4 Additional issues; 3 Estimating causal effects in nonexperimental studies; 3.1 Introduction 3.2 Identifying and estimating the average treatment effect3.3 The NSW data; 3.4 Propensity score estimates; 3.5 Conclusions; 4 Medication cost sharing and drug spending in Medicare; 4.1 Methods; 4.2 Results; 4.3 Study limitations; 4.4 Conclusions and policy implications; 5 A comparison of experimental and observational data analyses; 5.1 Experimental sample; 5.2 Constructed observational study; 5.3

| Sommario/riassunto | This book brings together a collection of articles on statistical methods relating to missing data analysis, including multiple imputation, propensity scores, instrumental variables, and Bayesian inference. Covering new research topics and real-world examples which do not feature in many standard texts. The book is dedicated to Professor Don Rubin (Harvard). Don Rubin has made fundamental contributions to the study of missing data. Key features of the book include:Comprehensive coverage of an imporant area for both research and applications. Adopts a pragmatic approach to describ |