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Edizione	[1st ed.]
Descrizione fisica	1 online resource (460 p.)
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Front Cover; Contents; Chapter 1 - Introduction to Bayesian Methods in Epidemiology; Chapter 2 - A Bayesian Perspective of Association between Risk Exposure and Disease; Chapter 3 - Bayesian Methods of Adjustment of Data; Chapter 4 - Regression Methods for Adjustment; Chapter 5 - A Bayesian Approach to Life Tables; Chapter 6 - A Bayesian Approach to Survival Analysis; Chapter 7 - Screening for Disease; Chapter 8 - Statistical Models for Epidemiology; Appendix A: Introduction to Bayesian Statistics; Appendix B: Introduction to WinBUGS; Back Cover
Sommario/riassunto	Written by a biostatistics expert with over 20 years of experience in the field, Bayesian Methods in Epidemiology presents statistical methods used in epidemiology from a Bayesian viewpoint. It employs the software package WinBUGS to carry out the analyses and offers the code in the text and for download online. The book examines study designs that investigate the association between exposure to risk factors and the occurrence of disease. It covers introductory adjustment techniques to compare mortality between states and regression methods to study the association between various risk factors