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Titolo	Evidence synthesis for decision making in healthcare / / Nicky J. Welton ... [et al.]
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (296 p.)
Collana	Statistics in practice
Altri autori (Persone)	WeltonNicky J
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Soggetti	Evidence-based medicine - Statistical methods
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Bayesian methods and winBUGS -- Introduction to decision models -- Meta-analysis using Bayesian methods -- Exploring between study heterogeneity -- Model critique and evidence consistency in random effects meta-analysis -- Evidence synthesis in a decision modelling framework -- Multi-parameter evidence synthesis in epidemiological models -- Mixed treatment comparisons -- Markov models -- Generalised evidence synthesis -- Expected value of information for research prioritisation and study design.
Sommario/riassunto	In the evaluation of healthcare, rigorous methods of quantitative assessment are necessary to establish interventions that are both effective and cost-effective. Usually a single study will not fully address these issues and it is desirable to synthesize evidence from multiple sources. This book aims to provide a practical guide to evidence synthesis for the purpose of decision making, starting with a simple

single parameter model, where all studies estimate the same quantity (pairwise meta-analysis) and progressing to more complex multi-parameter structures (including meta-regression, mixe
