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Titolo	Case studies in Bayesian statistical modelling and analysis [[electronic resource] /] / edited by Clair Alston, Kerrie Mengersen, and Anthony Pettitt
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Collana	Wiley Series in Probability and Statistics
Altri autori (Persone)	AlstonClair MengersenKerrie L PettittAnthony (Anthony N.)
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Case Studies in Bayesian Statistical Modelling and Analysis; Contents; Preface; List of contributors; 1 Introduction; 1.1 Introduction; 1.2 Overview; 1.3 Further reading; 1.3.1 Bayesian theory and methodology; 1.3.2 Bayesian methodology; 1.3.3 Bayesian computation; 1.3.4 Bayesian software; 1.3.5 Applications; References; 2 Introduction to MCMC; 2.1 Introduction; 2.2 Gibbs sampling; 2.2.1 Example: Bivariate

normal; 2.2.2 Example: Change-point model; 2.3 Metropolis-Hastings algorithms; 2.3.1 Example: Component-wise MH or MH within Gibbs; 2.3.2 Extensions to basic MCMC; 2.3.3 Adaptive MCMC
2.3.4 Doubly intractable problems 2.4 Approximate Bayesian computation; 2.5 Reversible jump MCMC; 2.6 MCMC for some further applications; References; 3 Priors: Silent or active partners of Bayesian inference?; 3.1 Priors in the very beginning; 3.1.1 Priors as a basis for learning; 3.1.2 Priors and philosophy; 3.1.3 Prior chronology; 3.1.4 Pooling prior information; 3.2 Methodology I: Priors defined by mathematical criteria; 3.2.1 Conjugate priors; 3.2.2 Improper and hierarchical priors; 3.2.3 Zellner's g-prior for regression models; 3.2.4 Objective priors
3.3 Methodology II: Modelling informative priors 3.3.1 Informative modelling approaches; 3.3.2 Elicitation of distributions; 3.4 Case studies; 3.4.1 Normal likelihood: Time to submit research dissertations; 3.4.2 Binomial likelihood: Surveillance for exotic plant pests; 3.4.3 Mixture model likelihood: Bioregionalization; 3.4.4 Logistic regression likelihood: Mapping species distribution via habitat models; 3.5 Discussion; 3.5.1 Limitations; 3.5.2 Finding out about the problem; 3.5.3 Prior formulation; 3.5.4 Communication; 3.5.5 Conclusion; Acknowledgements; References
4 Bayesian analysis of the normal linear regression model 4.1 Introduction; 4.2 Case studies; 4.2.1 Case study 1: Boston housing data set; 4.2.2 Case study 2: Production of cars and station wagons; 4.3 Matrix notation and the likelihood; 4.4 Posterior inference; 4.4.1 Natural conjugate prior; 4.4.2 Alternative prior specifications; 4.4.3 Generalizations of the normal linear model; 4.4.4 Variable selection; 4.5 Analysis; 4.5.1 Case study 1: Boston housing data set; 4.5.2 Case study 2: Car production data set; References; 5 Adapting ICU mortality models for local data: A Bayesian approach
5.1 Introduction 5.2 Case study: Updating a known risk-adjustment model for local use; 5.3 Models and methods; 5.4 Data analysis and results; 5.4.1 Updating using the training data; 5.4.2 Updating the model yearly; 5.5 Discussion; References; 6 A Bayesian regression model with variable selection for genome-wide association studies; 6.1 Introduction; 6.2 Case study: Case-control of Type 1 diabetes; 6.3 Case study: GENICA; 6.4 Models and methods; 6.4.1 Main effect models; 6.4.2 Main effects and interactions; 6.5 Data analysis and results; 6.5.1 WTCCC TID; 6.5.2 GENICA; 6.6 Discussion
Acknowledgements

Sommario/riassunto

Provides an accessible foundation to Bayesian analysis using real world models. This book aims to present an introduction to Bayesian modelling and computation, by considering real case studies drawn from diverse fields spanning ecology, health, genetics and finance. Each chapter comprises a description of the problem, the corresponding model, the computational method, results and inferences as well as the issues that arise in the implementation of these approaches. Case Studies in Bayesian Statistical Modelling and Analysis: Illustrates how

3. Record Nr.	UNINA9910827007203321
Autore	Brendsel Daniel J. <1980->
Titolo	Isaiah saw his glory : the use of Isaiah 52-53 in John 12 / / Daniel J. Brendsel
Pubbl/distr/stampa	Berlin, [Germany] ; ; Boston, [Massachusetts] : , : Walter de Gruyter GmbH, , 2014 ©2014
ISBN	3-11-039124-4 3-11-036504-9
Descrizione fisica	1 online resource (300 p.)
Collana	Beihefte zur Zeitschrift fur die neutestamentliche Wissenschaft, , 0171-6441 ; ; Band 208
Classificazione	BC 7250
Disciplina	226.5/06
Soggetti	Rezeption RELIGION / Biblical Criticism & Interpretation / New Testament
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 and indexes.
Nota di contenuto	Front matter -- Acknowledgments -- Contents -- List of Illustrations and Tables -- List of Abbreviations -- Part I: John and Isaiah -- 2 Issues for Interpretation -- 3 Sin, Salvation, and the Servant: A Reading of Isaiah 40-55 -- Part II: Explicit Reference to Isaiah in John 12 -- 4 Isaiah and the Hardening of Many in Israel -- 5 The Judgment of Hardening and the Unbelief Met by Jesus -- 6 The Glory That Isaiah Saw -- Part III: Implicit Reference to Isaiah in John 12 -- 7 The Servant and Jesus' Hour to Be Lifted Up and Glorified -- 8 Isaiah's Servant and Jesus' Entry into Jerusalem -- 9 Jesus and the Isaianic Herald of Good News -- 10 Conclusion -- Bibliography -- Index of Ancient Sources -- Index of Authors and Historical Persons -- Index of Subjects and Biblical Characters
Sommario/riassunto	The influence of Isaiah on John's narrative and theology has long been recognized, but it has yet to receive monograph-length attention. This study is a beginning attempt to fill that void through an examination of the use of Isaiah in the crucial hinge of John's gospel - John 12:1-43. Beginning with a reading of Isaiah 40-55 illustrating a way in which early Christians may have read this important section of Scripture, the bulk of the study examines the pericopes in John 12:1-43, seeking to

identify and interpret John's use of Isaiah 52-53. It is concluded that a reading of this well-known Isaianic text rooted within its broader context in Isaiah, together with the mediating influence of other texts - notably Isa 6:9-10 and Zech 9:9-10 - has fueled much Johannine theology, Christology, and ecclesiology. Moreover, mirroring the progression of Isa 52:7-53:1 in John 12 is the author's way of underlining Jesus' identity as the Servant of God and announcing that the second exodus prophesied by Isaiah is secured by the rejection (and death) of Jesus.
