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Titolo	Teaching dance studies / / edited by Judith Chazin-Bennahum
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Descrizione fisica	1 online resource (269 p.)
Altri autori (Persone)	Chazin-BennahumJudith
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Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Cover; Half Title; Title; Copyright; Contents; Acknowledgments; Introduction; 1 Teaching Movement Analysis; 2 Dance Theory?; 3 From Improvisation to Choreography: The Critical Bridge; 4 Wild Speculations and Simple Thoughts: Teaching Music to Dancers; 5 Teaching Dance on Film and Film Dance; 6 Teaching Dance History: A Querying Stance as Millennial Lens; 7 On Teaching Dance Criticism; 8 The Anthropology of Dance: Textural, Theoretical, and Experiential Ways of Knowing; 9 Standing Aside and Making Space: Mentoring Student Choreographers; 10 Kinesiology and Injury Prevention; 11 Labanotation 12 Documentation, Preservation, and Access: Ensuring a Future for Dance's Legacy13 Reflections on Educating Dance Educators; Contributors; Index

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Autore	Kery Marc
Titolo	Bayesian population analysis using WinBUGS : a hierarchical perspective / / Marc Kery and Michael Schaub ; foreword by Steven R. Beissinger
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Nota di contenuto	Front Cover; Bayesian Population Analysis using WinBUGS: A Hierarchical Perspective; Copyright; Dedication; Table of Contents; Foreword; Preface; Acknowledgments; 1 Introduction; 1.1 Ecology: The Study of Distribution and Abundance and of the Mechanisms Driving Their Change; 1.2 Genesis of Ecological Observations; 1.3 The Binomial Distribution as a Canonical Description of the Observation Process; 1.4 Structure and Overview of the Contents of this Book; 1.5 Benefits of Analyzing Simulated Data Sets: An Example of Bias and Precision; 1.6 Summary and Outlook; 1.7 Exercises 2 Brief Introduction to Bayesian Statistical Modeling 2.1 Introduction; 2.2 Role of Models in Science; 2.3 Statistical Models; 2.4 Frequentist and Bayesian Analysis of Statistical Models; 2.5 Bayesian Computation; 2.6 WinBUGS; 2.7 Advantages and Disadvantages of Bayesian Analyses by Posterior Sampling; 2.8 Hierarchical Models; 2.9 Summary and Outlook; 3 Introduction to the Generalized Linear Model: The Simplest Model for Count Data; 3.1 Introduction; 3.2 Statistical Models:

Response = Signal + Noise; 3.2.1 The Noise Component; 3.2.2 The Signal Component
3.2.3 Bringing the Noise and the Signal Components Together: The Link Function 3.3 Poisson GLM in R and WinBUGS for Modeling Time Series of Counts; 3.3.1 Generation and Analysis of Simulated Data; 3.3.2 Analysis of Real Data Set; 3.4 Poisson GLM for Modeling Fecundity; 3.5 Binomial GLM for Modeling Bounded Counts or Proportions; 3.5.1 Generation and Analysis of Simulated Data; 3.5.2 Analysis of Real Data Set; 3.6 Summary and Outlook; 3.7 Exercises; 4 Introduction to Random Effects: Conventional Poisson GLMM for Count Data; 4.1 Introduction; 4.1.1 An Example; 4.1.2 What Are Random Effects?
4.1.3 Why Do We Treat Batches of Effects as Random?Scope of Inference; Assessment of Variability; Partitioning of Variability; Modeling of Correlations among Parameters; Accounting for All Random Processes in a Modeled System; Avoiding Pseudoreplication; Borrowing Strength; Random Effects as a Compromise between Pooling and No Pooling of Batched Effects; Combining Information; 4.1.4 Why Should We Ever Treat a Factor as Fixed?; 4.2 Accounting for Overdispersion by Random Effects-Modeling in R and WinBUGS; 4.2.1 Generation and Analysis of Simulated Data; 4.2.2 Analysis of Real Data 4.3 Mixed Models with Random Effects for Variability among Groups (Site and Year Effects)4.3.1 Generation and Analysis of Simulated Data; 4.3.2 Analysis of Real Data Set; Null or Intercept-Only Model; Fixed Site Effects; Fixed Site and Fixed Year Effects; Random Site Effects (No Year Effects); Random Site and Random Year Effects; Random Site and Random Year Effects and First-Year Fixed Observer Effect; Random Site and Random Year Effects, First-Year Fixed Observer Effect, and Overall Linear Time Trend; The Full Model; 4.4 Summary and Outlook; 4.5 Exercises
5 State-Space Models for Population Counts

Sommario/riassunto

Bayesian statistics has exploded into biology and its sub-disciplines, such as ecology, over the past decade. The free software program WinBUGS, and its open-source sister OpenBugs, is currently the only flexible and general-purpose program available with which the average ecologist can conduct standard and non-standard Bayesian statistics. Comprehensive and richly commented examples illustrate a wide range of models that are most relevant to the research of a modern population ecologist All WinBUGS/OpenBUGS analyses are completely integrated in software R<li