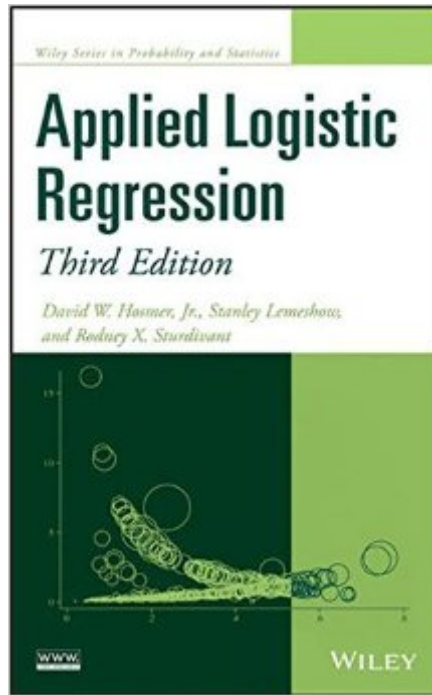


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# Applied Logistic Regression



## Synopsis

A new edition of the definitive guide to logistic regression modeling for health science and other applications. This thoroughly expanded Third Edition provides an easily accessible introduction to the logistic regression (LR) model and highlights the power of this model by examining the relationship between a dichotomous outcome and a set of covariables. *Applied Logistic Regression, Third Edition* emphasizes applications in the health sciences and handpicks topics that best suit the use of modern statistical software. The book provides readers with state-of-the-art techniques for building, interpreting, and assessing the performance of LR models. New and updated features include: A chapter on the analysis of correlated outcome data. A wealth of additional material for topics ranging from Bayesian methods to assessing model fit. Rich data sets from real-world studies that demonstrate each method under discussion. Detailed examples and interpretation of the presented results as well as exercises throughout. *Applied Logistic Regression, Third Edition* is a must-have guide for professionals and researchers who need to model nominal or ordinal scaled outcome variables in public health, medicine, and the social sciences as well as a wide range of other fields and disciplines.

## Book Information

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## Customer Reviews

This book has everything you need to develop a logistic regression model. From a mathematician's point of view, I found the derivation insightful and helped bring a fuller understanding to the methods.

Although the book is an applied on logistic regression, it is easy understood by anyone whose having no enough background and experience on statistics. Theories on basic statistical concepts are often boring and frightening, but this book makes learning statistics enjoyable.

I use logistic regression models frequently in my line of work, and this text is a useful reference. But why no reference to penalized regression techniques or cross-validation? There's been a wealth of research into techniques such as the lasso and elastic net since the 2nd edition was published in 2000 which have direct applications to logistic regression. Hence I give the book 4 stars as it is an incomplete treatment of logistic regression.

This is an update of the classic text. Excellent reference for the basics of logistic regression. Should be on the bookshelf of anybody who uses the technique regularly.

I use logistic regression in fundraising analytics and find this text a necessary part of my library in order to perform my job well. While a touch too mathematical at times for me personally, it is still accessible to me, a person with a PhD in nonprofit leadership. I find critical nuggets in its pages that greatly aid my practical business applications.

Very easy to follow! I used it in my undergrad and masters and now I am using it as a faculty member. It is very simple to understand the idea of logistic regression, lots of examples help to see the theory behind it.

I just finished reading ( well, learning) the first 2 chapters, while in parallel am writing the code ( programming with Mathematica) the formulas appearing in the book while trying to understand all the statistical background about Logistic Regression. I can only say that I enjoy every page of it, and I hope the rest of the book will be as entertaining as the first 2 chapters

An update of the classic, required, text on logistic regression modeling. Contains important new enhancements practitioners and students should study.

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