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Applied logistic regression. 2nd ed. (English) Zbl 0967.62045
New York, NY: Wiley. xii, 373 p. (2000).

This book is the second edition of a monograph about logistic regression, which could be used to teach parts of graduate level survey courses, quarter – or semester-long courses, and focused short courses to working professionals. As was the case in the first edition, the primary objective of this second edition is to provide a focused introduction to the logistic regression model and its use in methods for modeling the relationship between a categorical outcome variable and a set of covariates.

Topics that have been added to this edition include: numerous new techniques for model building including determination of scales of continuous covariates; a greatly expanded discussion of assessing model performance; a discussion of logistic regression modeling using complex sample survey data; a comprehensive treatment of the use of logistic regression modeling in matched studies; completely new sections dealing with logistic regression models for multinomial, ordinal and correlated response data, exact methods for logistic regression and sample size issues. The book consists of eight chapters.

Reviewer: [Chen Guijing \(Hefei\)](#)

MSC:

- [62J12](#) Generalized linear models (logistic models)
- [62-02](#) Research exposition (monographs, survey articles) pertaining to statistics
- [62-01](#) Introductory exposition (textbooks, tutorial papers, etc.) pertaining to statistics
- [62J99](#) Linear inference, regression

Cited in 4 Reviews
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Keywords:

[sampling models](#); [matched case-control studies](#); [logistic regression](#); [model building](#)