DESCRIPTION

* Emphasizes the latest trends in the field.

* Includes a new chapter on evolving methods.

* Provides updated or revised material in most of the chapters.

ABOUT THE AUTHOR

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FEATURES

• Book aims to survey current methodology for handling missing-data problems
• Presents a likelihood-based theory for analysis with missing data that systematizes the methods and provides a basis for future advances

• Part I discusses historical approaches to missing-value problems

• Part II presents a systematic approach to the analysis of data with missing values, where inferences are based on likelihoods derived from formal statistical models for the data-generating and missing data mechanisms

• Part III presents applications of the approach in a variety of contexts including regression; factor analysis; contingency table analysis; time series; and sample survey inference

• Briefly reviews basic principles of inferences based on likelihoods, expecting readers to be familiar with these concepts

• Some chapters assume familiarity with analysis of variance for experimental designs; survey sampling; loglinear models for contingency tables

• Specific examples introduce factor analysis, time series, etc.

• Discussion of examples is self-contained and does not require specialized knowledge

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