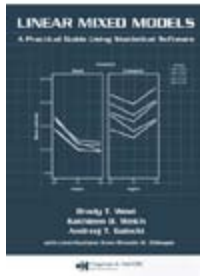


Linear Mixed Models: A Practical Guide Using Statistical Software

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- Dedicates a chapter to the key concepts underlying linear mixed models (LMMs) for clustered, longitudinal, and repeated measures data
- Provides descriptions, explanations, and examples of software code necessary to fit LMMs in SAS, SPSS, R, Stata, and HLM
- Contains detailed tables of estimates and results, allowing for easy comparisons across software procedures
- Presents step-by-step analyses of real-world data sets that arise from a variety of research settings and study designs, including hypothesis testing, interpretation of results, and model diagnostics
- Supplies software code in each chapter to compare the relative advantages and disadvantages of each package
- Includes a supporting website that features many of the data sets used in the examples as well as the most up-to-date versions of selected portions of the syntax associated with the examples

Simplifying the often confusing array of software programs for fitting linear mixed models (LMMs), *Linear Mixed Models: A Practical Guide Using Statistical Software* provides a basic introduction to primary concepts, notation, software implementation, model interpretation, and visualization of clustered and longitudinal data. This easy-to-navigate reference details the use of procedures for fitting LMMs in five popular statistical software packages: SAS, SPSS, Stata, R/S-plus, and HLM.

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