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Use R!

Statistics : Statistics for Life Sciences, Medicine, Health Sciences

Schwarzer, G., Carpenter, J.R., Rücker, G., Medical Center – University of Freiburg, Freiburg, Germany

Meta-Analysis with R

- Includes step-by-step tutorials to help the reader to understand and apply meta-analytical methods
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- Features extensive examples that strike an excellent balance between the how-to of the R code, the statistical methods involved, and discussion of the data and interpretation of the results
- Includes chapters on the following advanced topics: publication bias and small study effects; missing data; multivariate meta-analysis, network meta-analysis and meta-analysis of diagnostic studies
- Is supported by a supplementary web-resource at www.meta-analysis-with-r.org

This book provides a comprehensive introduction to performing meta-analysis using the statistical software R. It is intended for quantitative researchers and students in the medical and social sciences who wish to learn how to perform meta-analysis with R. As such, the book introduces the key concepts and models used in meta-analysis. It also includes chapters on the following advanced topics: publication bias and small study effects; missing data; multivariate meta-analysis, network meta-analysis; and meta-analysis of diagnostic studies.

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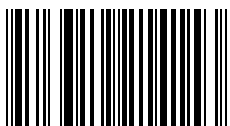
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