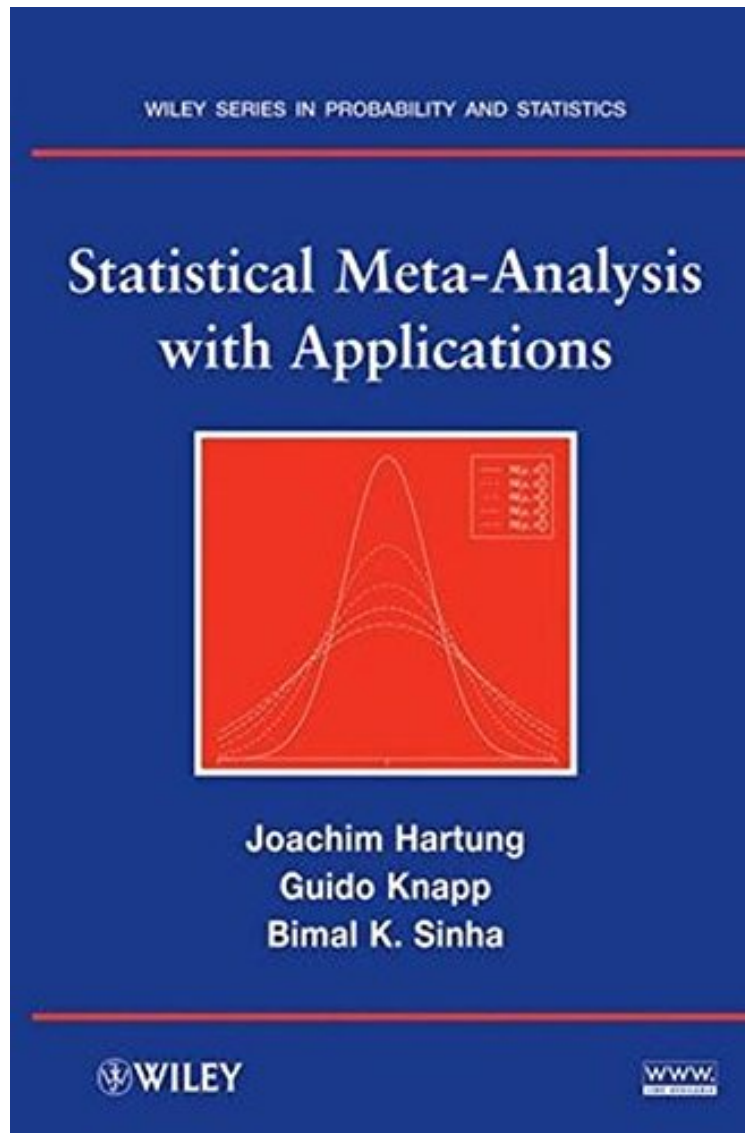


Statistical Meta-Analysis with Applications

Joachim Hartung, Guido Knapp, Bimal K. Sinha
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5 of 6 people found the following review helpful. clear and authoritative By Michael R. Chernick This is a very clear and authoritative text on modern meta-analysis. The term meta-analysis started with the work of Glass in 1976 (who

coined the term). Glass used it informally with social science applications. Olkin and Hedges in 1985 were the first to put it on a sound statistical footing with applications to problems in educational research. In 2009 Borenstein, Hedges et al. have published an up-to-date introductory text with many applications and implementation using Borenstein's software product "Comprehensive Meta-Analysis". You will find that I have reviewed that book for .Hartung, Knapp and Sinha in 2008 have concisely put together in a concise way the modern statistical theory and methods of the broad area that they call Statistical Meta-Analysis. They also include numerous real world applications that illustrate the value of these techniques. Topics include ways to measure and combine various forms of effect size combination methods for doing p-values, linear models, combining clinical trials with both discrete and continuous data, meta-regression, multivariate methods, Bayesian approaches, publication bias, combining polls, computational aspects and a number of real data sets to illustrate the applications.

Statistical Meta Analysis with Applications by Hartung, Joachim, Knapp, Guido, Sinha, Bimal K.. Published by Wiley-Interscience, 2008, Binding: Hardcover