Introduction to Meta-Analysis

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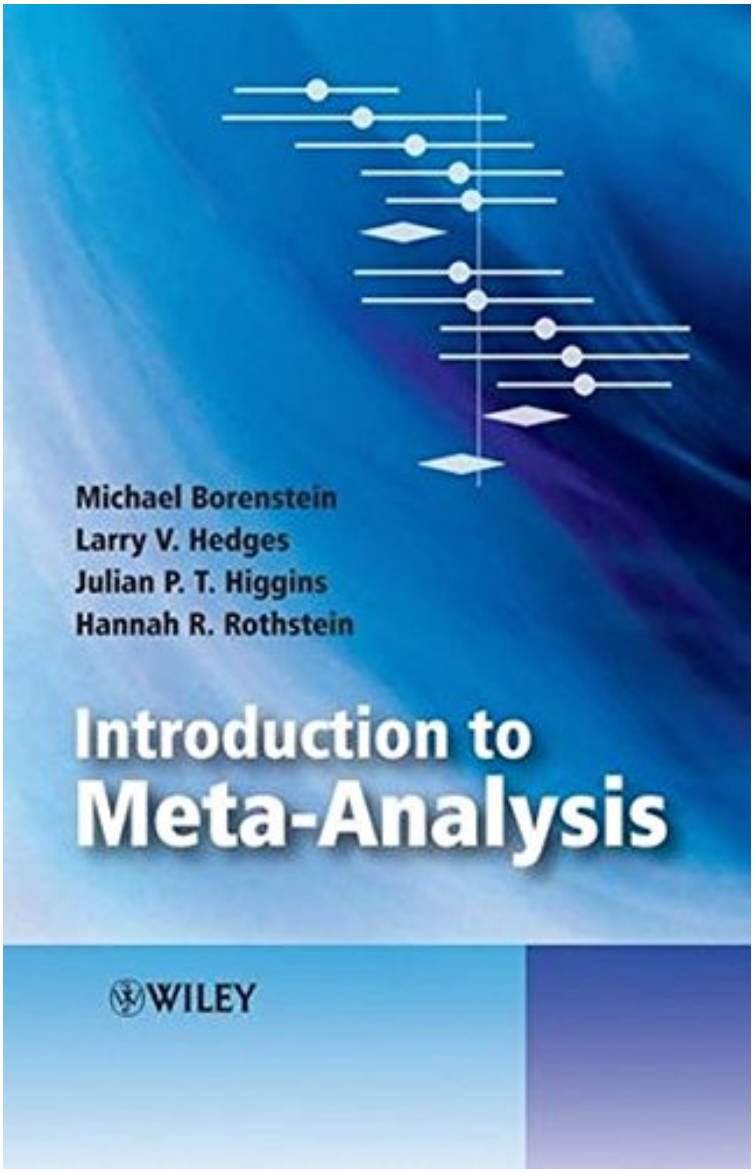

#48490 in Books Michael Borenstein 2009-04-27Original language:EnglishPDF # 1 10.00 x 1.20 x 7.05l, 2.07 #File Name: 0470057246452 pagesIntroduction to Meta Analysis | File size: 41.Mb

Michael Borenstein, Larry V. Hedges, Julian P. T. Higgins, Hannah R. Rothstein : Introduction to Meta-Analysis before purchasing it in order to gage whether or not it would be worth my time, and all praised Introduction to Meta-Analysis:

6 of 6 people found the following review helpful. Best meta-analysis bookBy G. WangMy background is MBBS and master in epidemiology. At work I am required to produce a meta-analysis. This book is by far the best one on meta-analysis I've come across. For example for the topic of "random effect model", I search the net and read about 10

difference sources. Spent 10 hours, still didn't understand it. Two weeks later, I still had to find an answer to "What is random effect model". So happens this book offers a free chapter exactly on comparing fixed and random effect models. That chapter was very easy to understand, plus it went into adequate depth for me, plus it gave very nice working examples. This is fantastic. This book is good because it explains difficult concepts using simple language, repeats difficult points multiple times using different ways to explain. He shows you theoretical formulae, then he gives you actual examples with numbers to plug into the formulae. Very well written. I only wish he covered ANOVA and Multiple regression in a dedicated chapter, explain them from ground up, in simple terms, go into depth, and show examples. In the book he indicates ANOVA Regression are beyond the scope of the book. Please do make it part of the book, make it a whole separate chapter please.3 of 3 people found the following review helpful. Great for a person who already is versed in statisticsBy Renae TMI bought this book when starting a project for my engineering management master's. I was to learn how to do a meta-analysis and perform a small one. This book started off at a point where I had no clue what was going on. I went back to read "Research synthesis and meta-analysis" by Harris Cooper. After getting the basics there, I totally understood this book. If you know nothing about this topic, this book might not be your best starting point.Also, this book was written by the people who make the software program "Comprehensive meta-analysis", which is a really great program. They offer student pricing as well.Once you get the program, the book makes even more sense.0 of 0 people found the following review helpful. Great bookBy Hctor Gustavo Del Pozo SIt's a great book. All the theoretical principles on meta analysis are explained in a clearly and completely way. There are also chapters dedicated to more advanced topics.

This book provides a clear and thorough introduction to meta-analysis, the process of synthesizing data from a series of separate studies. Meta-analysis has become a critically important tool in fields as diverse as medicine, pharmacology, epidemiology, education, psychology, business, and ecology. Introduction to Meta-Analysis: Outlines the role of meta-analysis in the research process Shows how to compute effects sizes and treatment effects Explains the fixed-effect and random-effects models for synthesizing data Demonstrates how to assess and interpret variation in effect size across studies Clarifies concepts using text and figures, followed by formulas and examples Explains how to avoid common mistakes in meta-analysis Discusses controversies in meta-analysis Features a web site with additional material and exercises A superb combination of lucid prose and informative graphics, written by four of the worlds leading experts on all aspects of meta-analysis. Borenstein, Hedges, Higgins, and Rothstein provide a refreshing departure from cookbook approaches with their clear explanations of the what and why of meta-analysis. The book is ideal as a course textbook or for self-study. My students, who used pre-publication versions of some of the chapters, raved about the clarity of the explanations and examples. David Rindskopf, Distinguished Professor of Educational Psychology, City University of New York, Graduate School and University Center, Editor of the Journal of Educational and Behavioral Statistics. The approach taken by Introduction to Meta-analysis is intended to be primarily conceptual, and it is amazingly successful at achieving that goal. The reader can comfortably skip the formulas and still understand their application and underlying motivation. For the more statistically sophisticated reader, the relevant formulas and worked examples provide a superb practical guide to performing a meta-analysis. The book provides an eclectic mix of examples from education, social science, biomedical studies, and even ecology. For anyone considering leading a course in meta-analysis, or pursuing self-directed study, Introduction to Meta-analysis would be a clear first choice. Jesse A. Berlin, ScD Introduction to Meta-Analysis is an excellent resource for novices and experts alike. The book provides a clear and comprehensive presentation of all basic and most advanced approaches to meta-analysis. This book will be referenced for decades. Michael A. McDaniel, Professor of Human Resources and Organizational Behavior, Virginia Commonwealth University

Both books can be recommended for graduate training and are useful additions to the library of those interested in the meta-analytic accumulation of literatures on training, vocational learning, and education in the professions. (Vocations and Learning, 15 December 2010) From the Back CoverThis book provides a clear and thorough introduction to meta-analysis, the process of synthesizing data from a series of separate studies. Meta-analysis has become a critically important tool in fields as diverse as medicine, pharmacology, epidemiology, education, psychology, business, and ecology. Introduction to Meta-Analysis Outlines the role of meta-analysis in the research process Shows how to compute effects sizes and treatment effects Explains the fixed-effect and random-effects models for synthesizing data Demonstrates how to assess and interpret variation in effect size across studies Clarifies concepts using text and figures, followed by formulas and examples Explains how to avoid common mistakes in meta-analysis Discusses controversies in meta-analysis Features a web site with additional material and exercises A superb combination of lucid prose and informative graphics, written by four of the worlds leading experts on all aspects of meta-analysis. Borenstein, Hedges, Higgins, and Rothstein provide a refreshing departure from cookbook approaches with their clear explanations of the what and why of meta-analysis. The book is ideal as a course textbook or for self-study. My students, who used pre-publication versions of some of the chapters, raved about the clarity of the explanations and examples. David Rindskopf, Distinguished Professor of Educational Psychology, City University of New York,

Graduate School and University Center, Editor of the Journal of Educational and Behavioral Statistics. The approach taken by Introduction to Meta-analysis is intended to be primarily conceptual, and it is amazingly successful at achieving that goal. The reader can comfortably skip the formulas and still understand their application and underlying motivation. For the more statistically sophisticated reader, the relevant formulas and worked examples provide a superb practical guide to performing a meta-analysis. The book provides an eclectic mix of examples from education, social science, biomedical studies, and even ecology. For anyone considering leading a course in meta-analysis, or pursuing self-directed study, Introduction to Meta-analysis would be a clear first choice. Jesse A. Berlin, ScD Introduction to Meta-Analysis is an excellent resource for novices and experts alike. The book provides a clear and comprehensive presentation of all basic and most advanced approaches to meta-analysis. This book will be referenced for decades. Michael A. McDaniel, Professor of Human Resources and Organizational Behavior, Virginia Commonwealth University Worked examples and class materials can be viewed at www.Meta-Analysis.com