Design And Analysis Of Single-case Research

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It is the only book addressing the issues of meta-analysis, cyclicity, and confounds to visual inspection of single subject data that considers ways in which statistical software can aid in overcoming these constraints. Metaanalysis of Single-Case Research. The Potentially Confounding Effect of Power Sample Size Estimation and Early Stopping Rules. Home Browse Books Book details, Design and Analysis of Single-Case Research. Design and Analysis of Single-Case Research. By Ronald D. Franklin, David B. Allison, Bernard S. Gorman. No cover image. Design and Analysis of Single-Case Research. By Ronald D. Franklin, David B. Allison, Bernard S. Gorman. Second, most of my previous research has centered on latent variable structural equation modeling of cognitive abilities using large population based sample (McArdle, 1994). However, as these presenters soon found out, I also advocate the use of more basic models using single subjects. This apparent contradiction on my part requires some further explanation. The statistical features of the "law of large numbers" are well-known to the contemporary psychologists. Single-case design (SCD) research focuses on finding powerful effects, but the influence of this methodology on the evidence-based practice (EBP) movement is questionable. Meta-analytic procedures may help facilitate the role of SCD research in the EBP movement, but meta-analyses of SCDs are controversial. The current article provides an introduction to the special issue on meta-analyses of SCD research by discussing concerns regarding the internal and external validity of these designs. Specific considerations for increasing the validity of SCD meta-analyses are provided, as are brief overvie