

Meta-Analysis: Assessing Homogeneity between Study Variances in Categorical Models of Effect Sizes

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University of Iowa
Lindquist Center
Room N221



University of Minnesota
Peik Hall Room 28



University of Nebraska-Lincoln
TEAC Room 112



University of Alberta
Education Centre North
Room 6-110



Abstract

Hedges discussed the rationale for fitting categorical models to effect sizes in meta-analysis. Under mixed-effect meta-analytic models, when conducting meta-regression, the assumption is that the between-studies variance is constant. However, one can opt for a likelihood function that computes a between-studies variance within each factor level. Typically, the decision on which specification to adopt has been made on a theoretical basis or by ad-hoc comparisons of within group variation. The presenter will consider the likelihood ratio test of the null hypothesis that residual variances are equal.

If you have questions about this seminar, contact Professor Mark Davison, mld@umn.edu.

To be notified about future seminars, contact sawye100@umn.edu.

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