

WORKSHOP 3
META-ANALYSIS: A VALID METHODOLOGY TO SYNTHESIZE RESULTS FROM
INDEPENDENT STUDIES

Workshop Leader
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The current workshop will discuss the statistical theory of meta-analysis with application in business, medicine and psychology. It will begin with the statistical theory of fixed and random effects models, discuss how to estimate heterogeneity and publication bias and it will go on discussing how to perform a systemic review. Finally, the discussion of Bayesian meta-analysis will be discussed.

PRESENTATIONS

K. Fragkos
a. Meta-analysis: Definition, Statistical Theory & Examples
b. How to perform a systematic review

M. Tsagris
Bayesian Meta-analysis: Statistical Theory & Examples