

Identify effect in meta-analysis

Identify appropriate (composite) effect(s) in primary study based on information in meta-analysis (e.g., outcome variable, conditions, sample size)

Enough data available to calculate (composite) effect(s)?

N

Category 1:  
not enough information

Y

More than one (composite) effect appropriate?

N

Calculate and report effect size

Effect size matches  
meta-analytic effect

N

Category 2:  
effect not reproduced

Y

Category 0:  
effect reproduced

Y

Calculate all possible  
logical effects and choose  
the one that is closest to  
the meta-analytic effect.

Category 3:  
effect ambiguous