

Identify primary study 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

Y

Category 1:
not enough information to
reproduce effect size value

More than one (composite) effect
appropriate?

N

Y

Calculate and report effect size

Effect size matches
meta-analytic effect

N

Y

Category 2:
effect size
value not
reproduced

Category 0:
effect size
value
reproduced

Calculate all possible logical
effects and choose the one
that is closest to the primary
study effect reported in the
meta-analysis

Category 3:
effect size
value
ambiguous