

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