**Supplementary Material S3**

**Cohen’s d calculation for between-group studies:**

Cohen’s d and variance have been calculated using *mes* function from the *compute.es* package.

**Cohen’s d calculation for correlation studies:**

Correlation coefficients (*Pearson’s r*) and variance (*Vr*) were transformed into Cohen’s *d* and variance (*Vd*) using *res* function (*compute.es* package).

**To transform Pearson’s r variances to Cohen’s d variances:**

**Cohen’s d conversion into Hedges’ g:**

**Wald-Type test for subgroup analysis:**

A random-effect omnibus test was conducted using the *mareg* function of the MAd package (an implementation of the *metafor* package’s *rma* function).

**Plots:**

Meta-analysis’s plots were constructed using *metafor* and *ggplot2* packages.

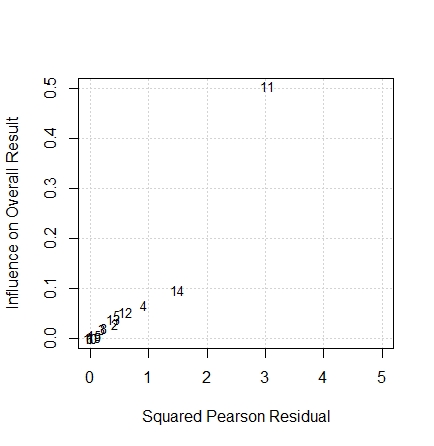
**Meta-regressions:**

Meta-regressions were conducted using the *mareg* function of the *metafor* package.

**Subgroup analysis:**

Subgroup analyses were conducted using *rma* function of the *metafor* package.

**Supplementary Material S4**

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**Baujat Plot: Studies influence on the summary effect size and their contribution to the heterogeneity.**

1Brunelin et al., 2007; 2Marjoram et al., 2006; 3Szoke et al., 2009; 4Garisson et al., 2017; 5Aldebot et al., 2012; 6Laroi et al., 2005; 7Laroi et al., 2004; 8Johns et al., 2010; 9Allen et al., 2006; 10Gaweda et al., 2018; 11Versmissen et al., 2007; 12Versmissen et al., 2007; 13Alderson-Day et al., 2019; 14Peters et al., 2007; 15Humpston et al., 2017.

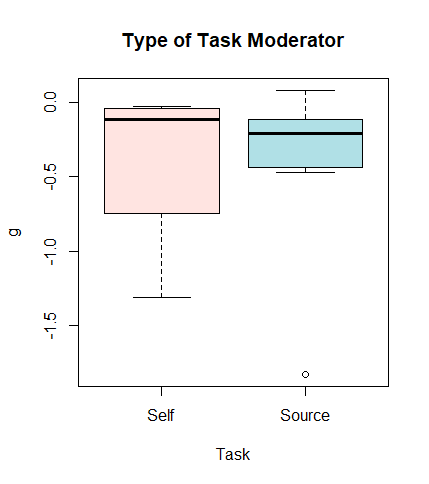
**Supplementary Material S5**



**QQ Plot: Potential outliers visualisation.**

1Brunelin et al., 2007; 2Marjoram et al., 2006; 3Szoke et al., 2009; 4Garisson et al., 2017; 5Aldebot et al., 2012; 6Laroi et al., 2005; 7Laroi et al., 2004; 8Johns et al., 2010; 9Allen et al., 2006; 10Gaweda et al., 2018; 11Versmissen et al., 2007; 12Versmissen et al., 2007; 13Alderson-Day et al., 2019; 14Peters et al., 2007; 15Humpston et al., 2017.

**Supplementary Material S6**



**Boxplot: Type of Task Moderator visualisation.**



**Boxplot: Type of Analysis Moderator visualisation.**