Appendix

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1 Introduction

We created an appendix of meta-analysis paper. To be able to visualize the output, we used an example dataset taken from Gibson et al. 2011.

The dataset to be working with should be named "data.sub". The conducted analysis using the function rma from the metafor pacakge should be renamed as such: rma of a random effects model should be named "rma.RE" and an rma of a fixed effects model should be named "rma.FE" in order for the automatisation to work. IF a meta-regression has been conducted, it should be called "rma.RE.meta" or "rma.FE.meta" respectively. Other than that, the metafor package in R needs to be installed.

For creating an appendix with an unkown dataset...

To assess possible publication bias, funnel plots can be used for visualization purposes.

	Effect.Size	SE.of.Effect.Size	CI..lb.	CI.ub.	P.ES.	Q	P.Q.	I.2	Egger	P.Egger.	FSN
Value	-0.28	0.12	-0.52	-0.04	0.02	47.05	0.12	27.22	-0.44	0.66	77.00

Table 1: Results of the meta-analysis. Includes the the egger's test and the fails-safe number for publication bias testing

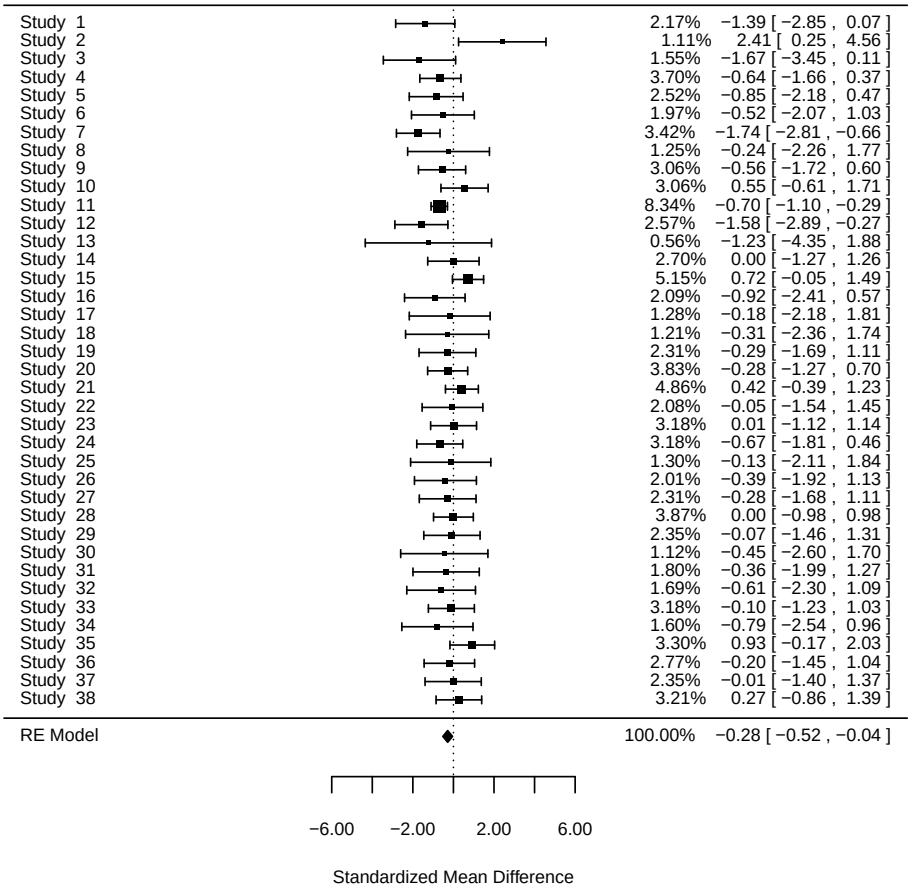

Figure 1: Forest plot of a random effects model. The column on the left represents the study. The weighted percentage is shown as well as the effect size (ES) [+- 95% CI]

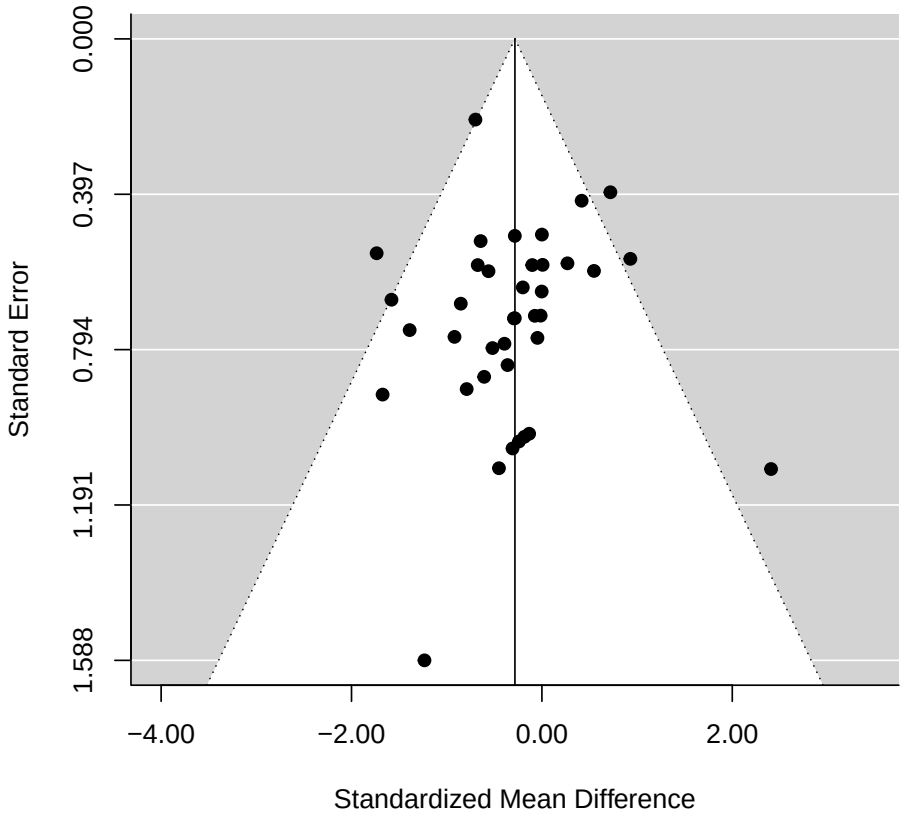

Figure 2: Funnel plot of random effects model displaying possible publication bias. The true ES is displayed by the solid verical line.