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.

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

?? How can a an automised table be created for rows from e.g. different rma objects? In our case, we just have one rma object so one row is produced. If the people conduct different rmas for different data subsets, it would be nice to have this in the same table as well!

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

	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

This table should work once you have saved the rma.RE.meta and loaded it at the top of the document!!! Take it out of the %

To do:

Add a table with the results from the meta regression + add a bubble plot. Add the 4 figures as well and a table for the sensitivity analysis.

!!! I tried saving the rma.meta.RE as an object but I encountered problems with saving it, as it said it cannot open the compressed file. Haven't found a solution till now. Maybe you can save the object? :)

Do the same for the meta package or use the forest plot from the meta package

Notes:

Are we going to make two scripts? One for meta and one for metafor or are we going to do a combination? Plus write a function for this script? Don't know if this such a good idea as the appendix is not that good. Especially the table. Till now it would only work with one rma.RE object with one row and not many. Is is possible to combine specific single values of various rma objects? Can we do this?

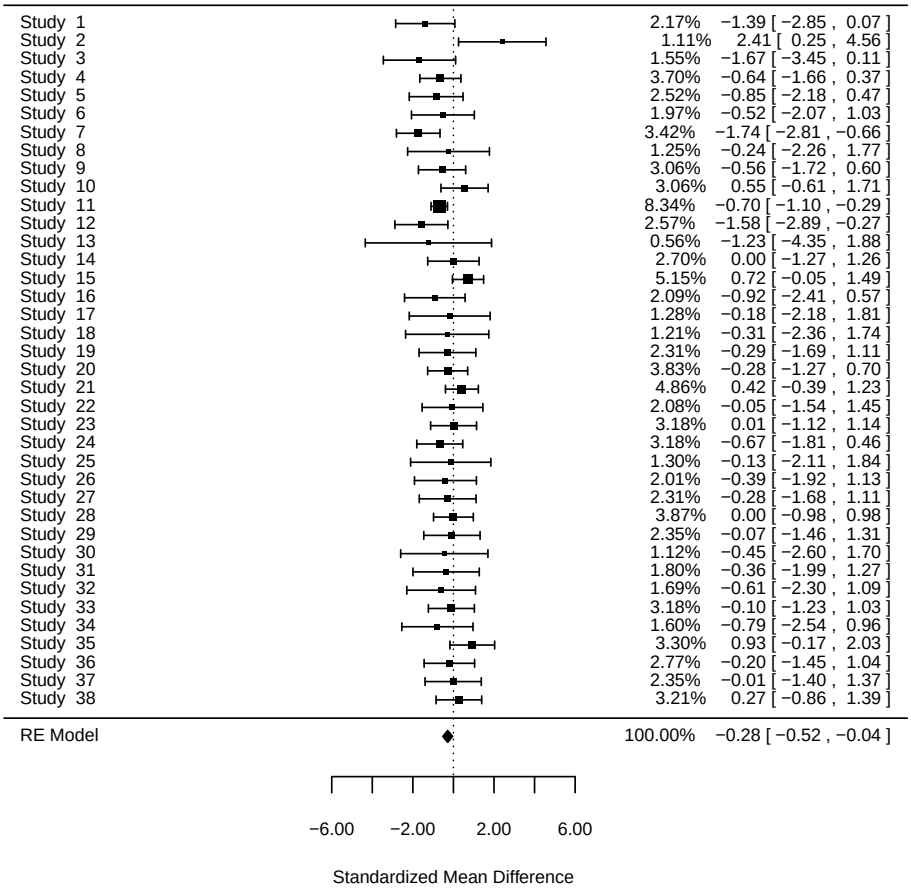

Figure 1: Forest plot of a random effects model. The column on the left represents the studies used in the meta-analysis. The weighted percentage is shown as well as the effect size (ES) [+- 95% CI]

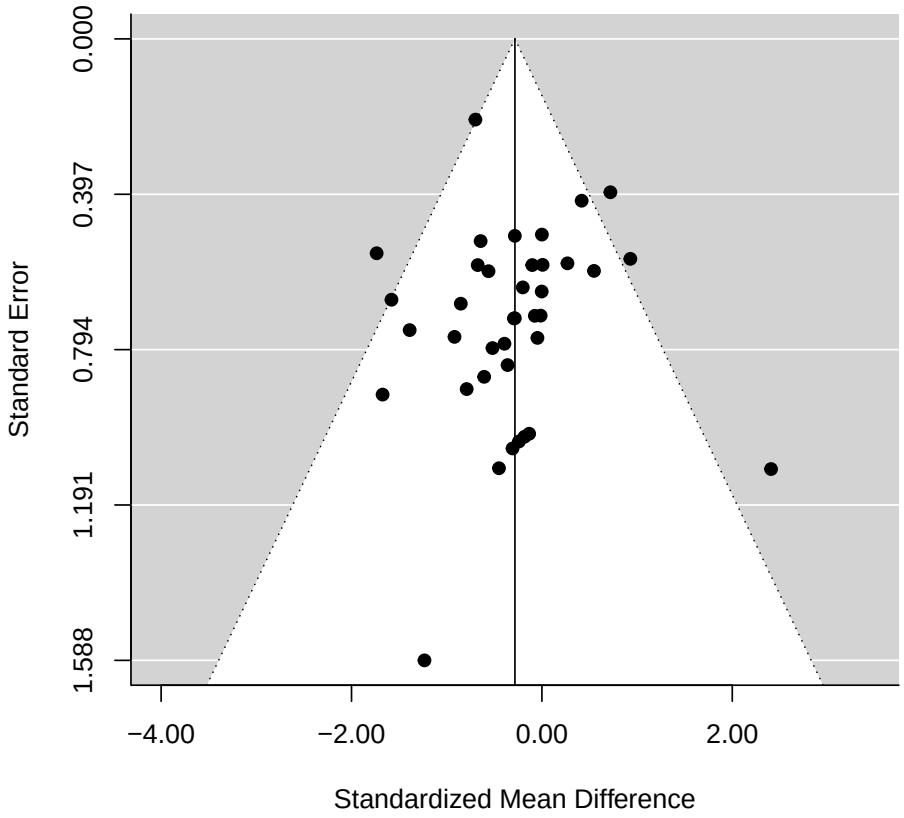

Figure 2: Funnel plot of random effects model displaying possible publication bias. The true ES is displayed by the solid verical line.