

Coupling Strength Main Analysis

Preprocessing

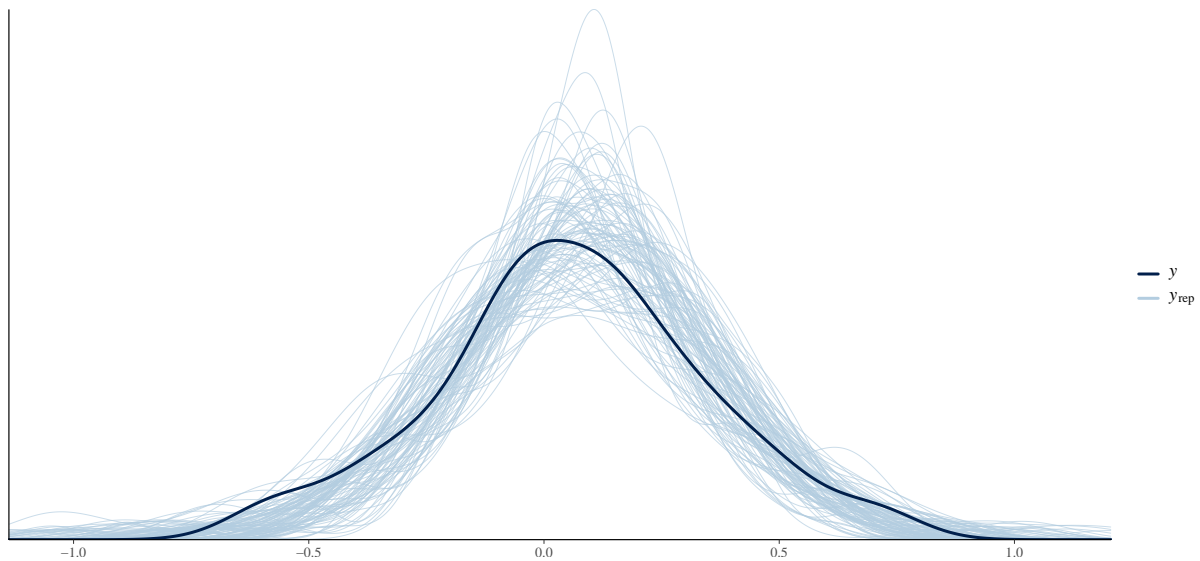
Main Model

Compiling Stan program...

Trying to compile a simple C file

```
Running /Library/Frameworks/R.framework/Resources/bin/R CMD SHLIB foo.c
clang -arch arm64 -I"/Library/Frameworks/R.framework/Resources/include" -DNDEBUG -I"/Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/S
In file included from <built-in>:1:
In file included from /Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/S
In file included from /Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/R
In file included from /Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/R
/Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/RcppEigen/include/Eigen,
namespace Eigen {
~
/Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/RcppEigen/include/Eigen,
namespace Eigen {
~
;
In file included from <built-in>:1:
In file included from /Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/S
In file included from /Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/R
/Library/Frameworks/R.framework/Versions/4.2-arm64/Resources/library/RcppEigen/include/Eigen,
#include <complex>
~~~~~~
3 errors generated.
make: *** [foo.o] Error 1
```

Start sampling



```
Family: gaussian
Links: mu = identity; sigma = identity
Formula: esz | se(se) ~ 1 + (1 | studyid/esid)
Data: str_final (Number of observations: 86)
Draws: 4 chains, each with iter = 5000; warmup = 1000; thin = 1;
       total post-warmup draws = 16000
```

Group-Level Effects:

~studyid (Number of levels: 20)

	Estimate	Est.Error	l-95% CI	u-95% CI	Rhat	Bulk_ESS	Tail_ESS
sd(Intercept)	0.07	0.04	0.01	0.17	1.00	3825	4461

~studyid:esid (Number of levels: 86)

	Estimate	Est.Error	l-95% CI	u-95% CI	Rhat	Bulk_ESS	Tail_ESS
sd(Intercept)	0.05	0.04	0.00	0.13	1.00	3922	6329

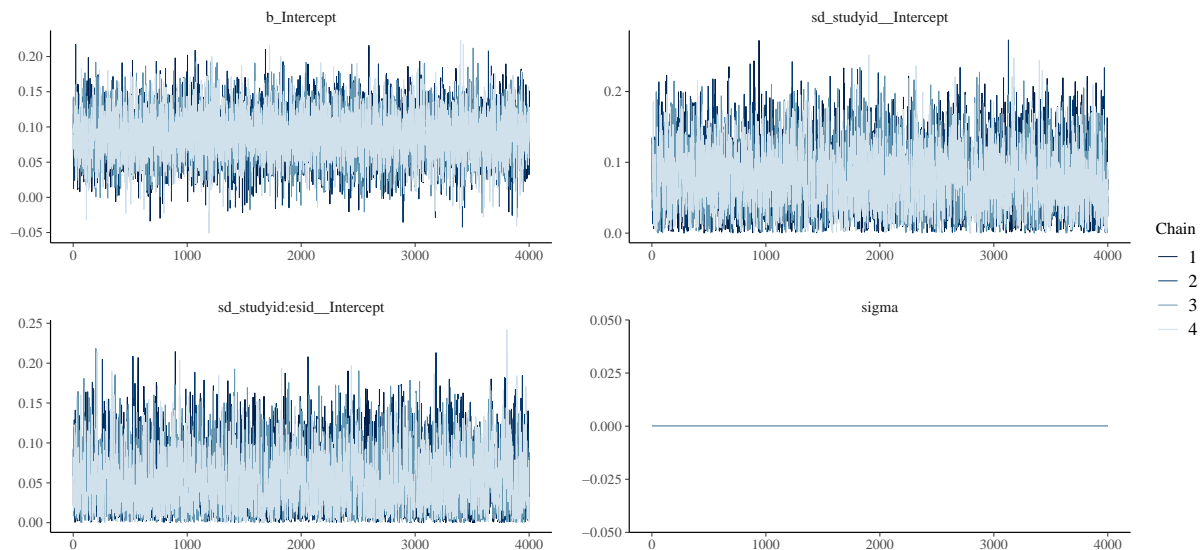
Population-Level Effects:

	Estimate	Est.Error	l-95% CI	u-95% CI	Rhat	Bulk_ESS	Tail_ESS
Intercept	0.09	0.03	0.02	0.15	1.00	11341	9963

Family Specific Parameters:

	Estimate	Est.Error	l-95% CI	u-95% CI	Rhat	Bulk_ESS	Tail_ESS
sigma	0.00	0.00	0.00	0.00	NA	NA	NA

Draws were sampled using sampling(NUTS). For each parameter, Bulk_ESS and Tail_ESS are effective sample size measures, and Rhat is the potential scale reduction factor on split chains (at convergence, Rhat = 1).

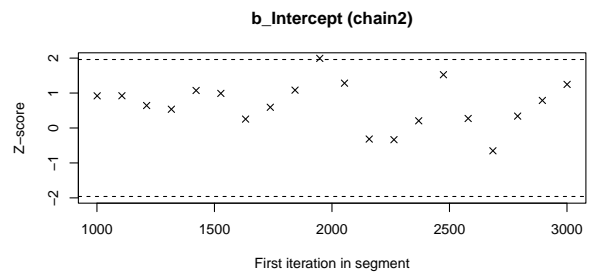
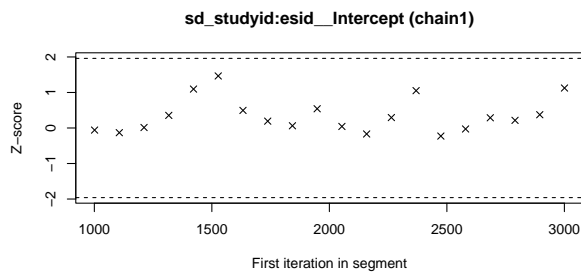
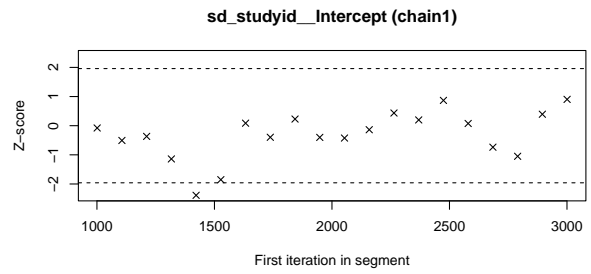
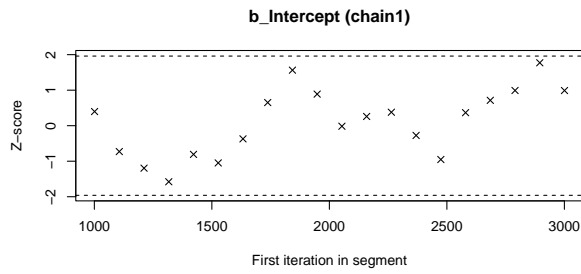
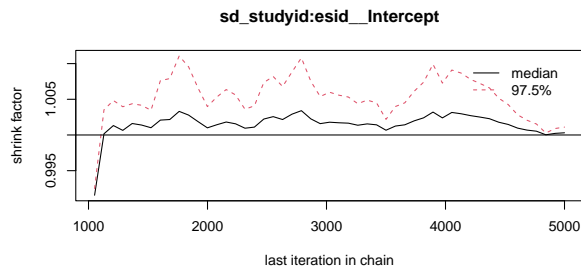
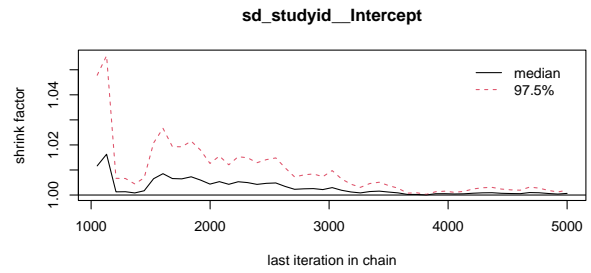
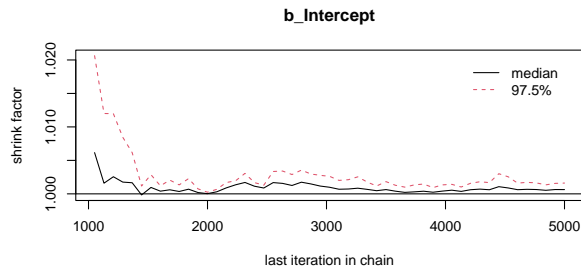


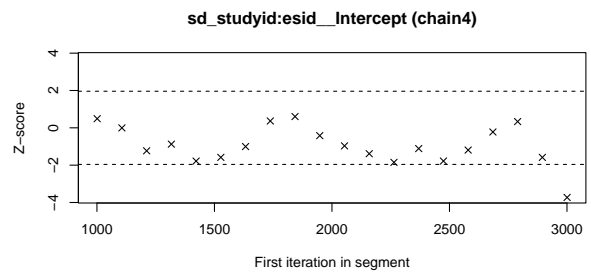
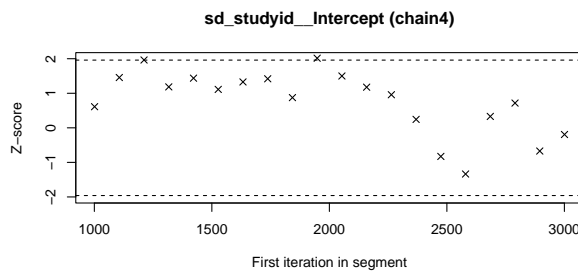
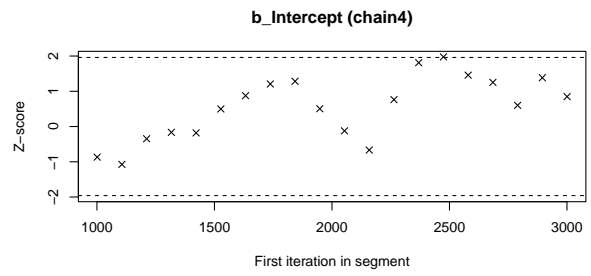
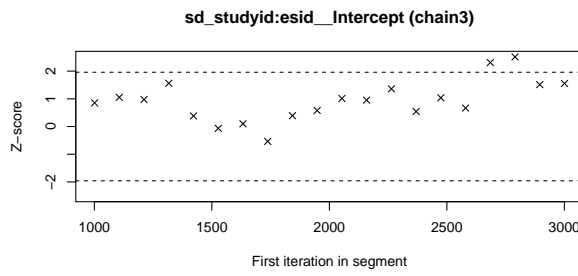
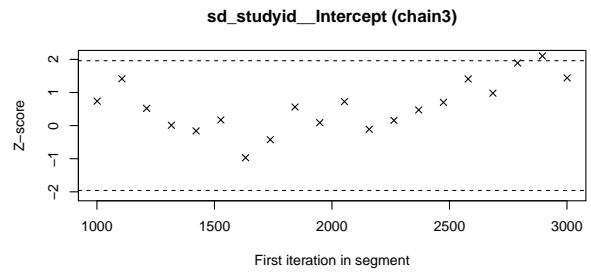
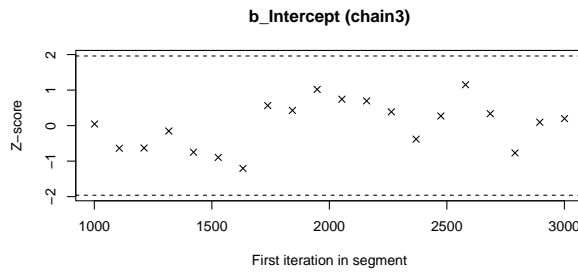
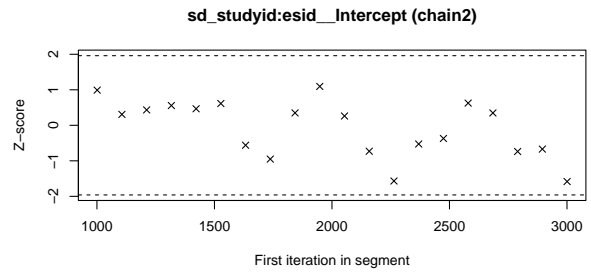
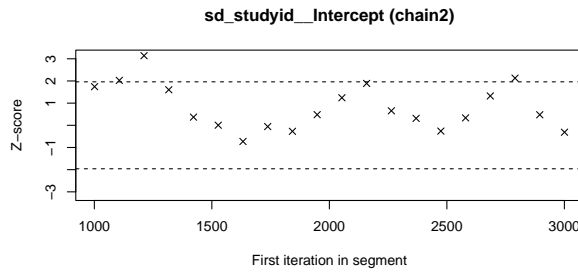
Potential scale reduction factors:

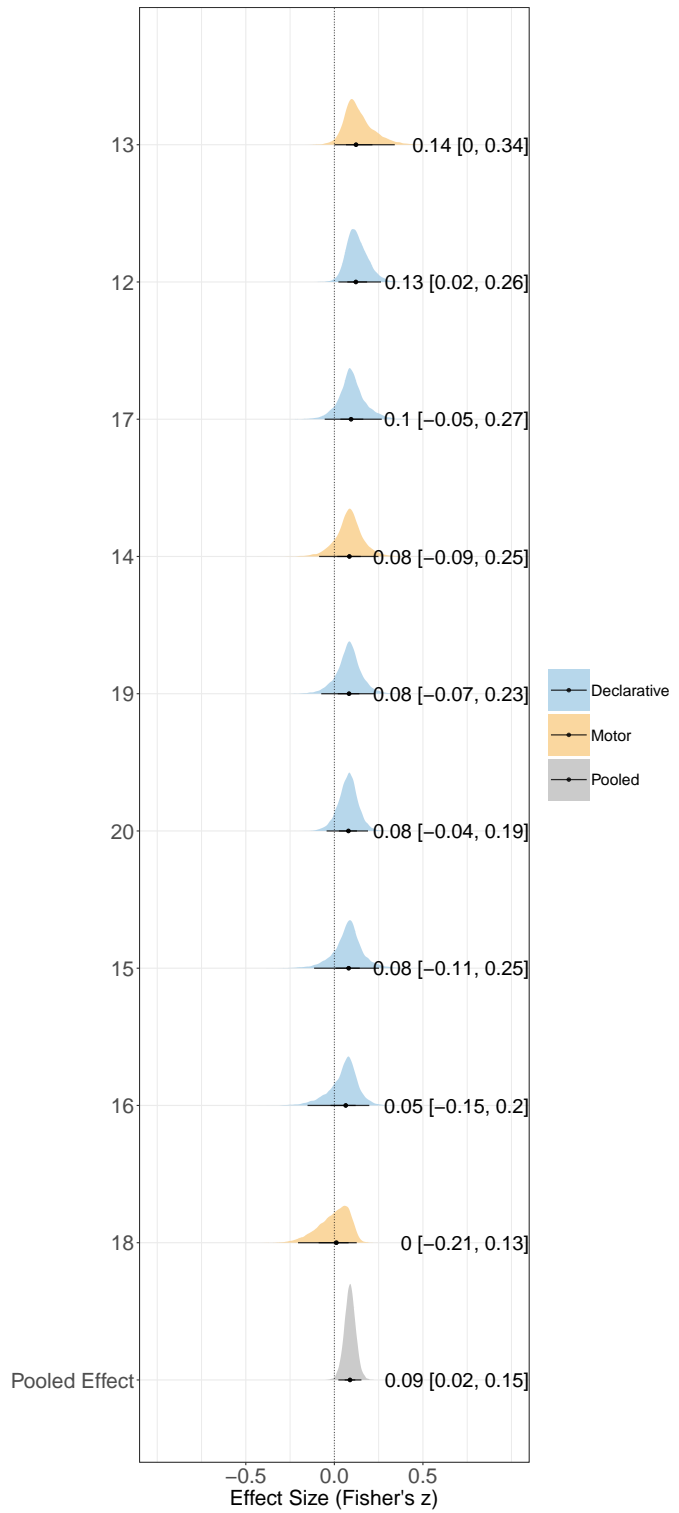
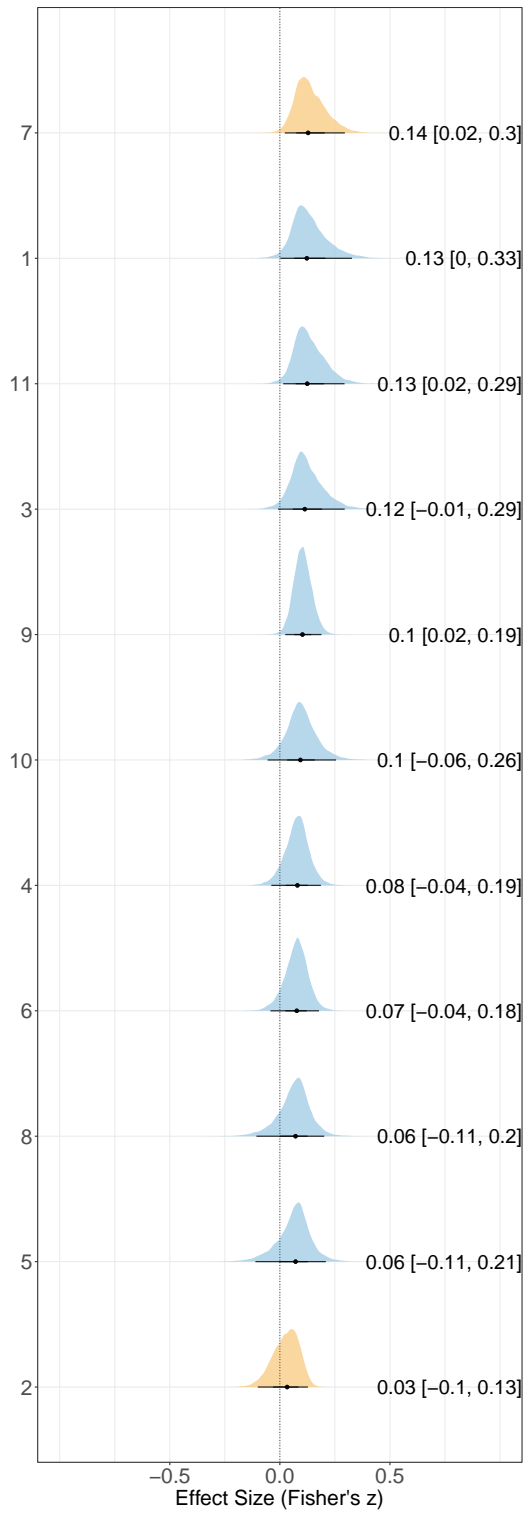
	Point est.	Upper C.I.
b_Intercept	1	1
sd_studyid__Intercept	1	1
sd_studyid:esid__Intercept	1	1

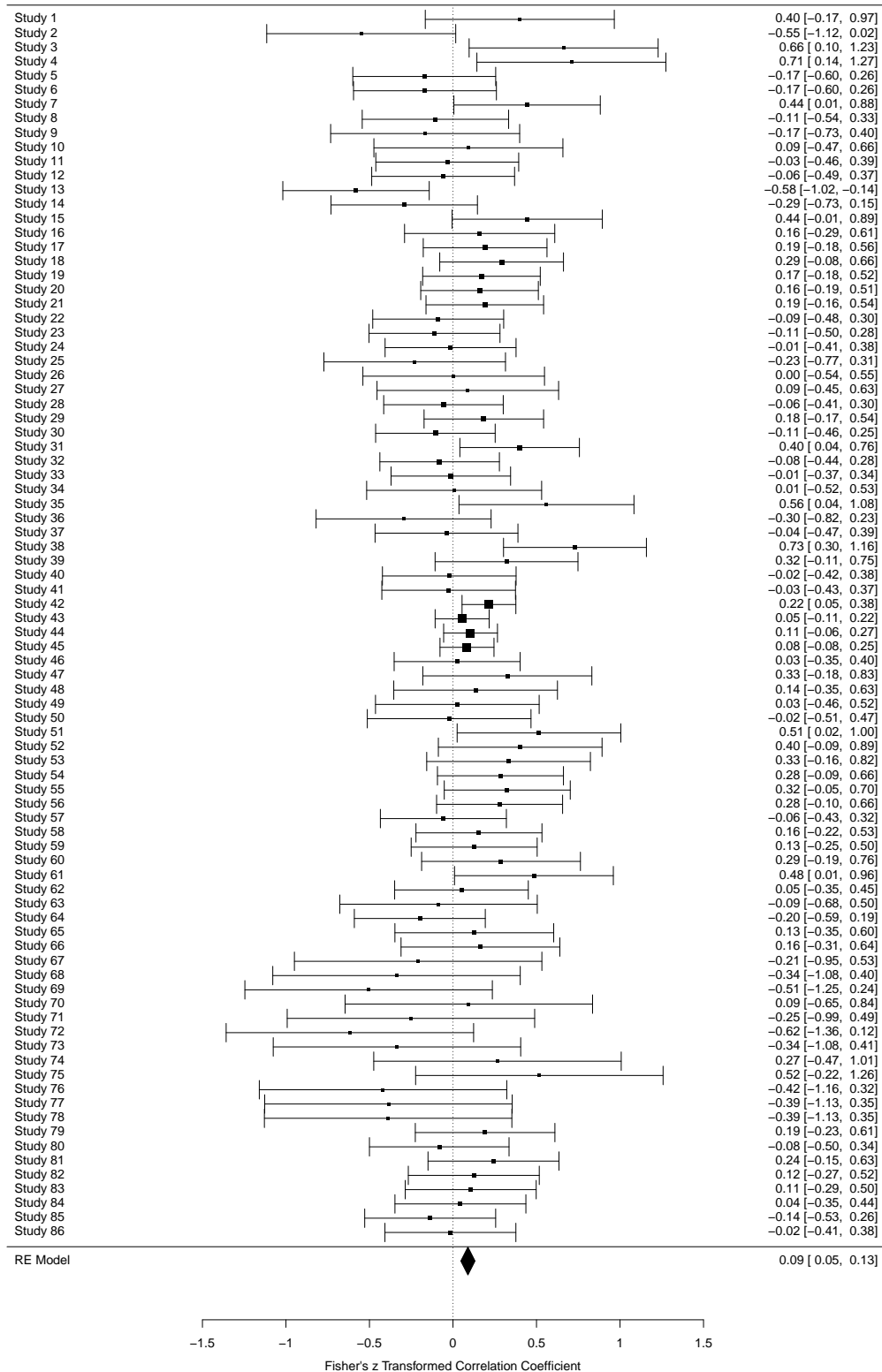
Multivariate psrf

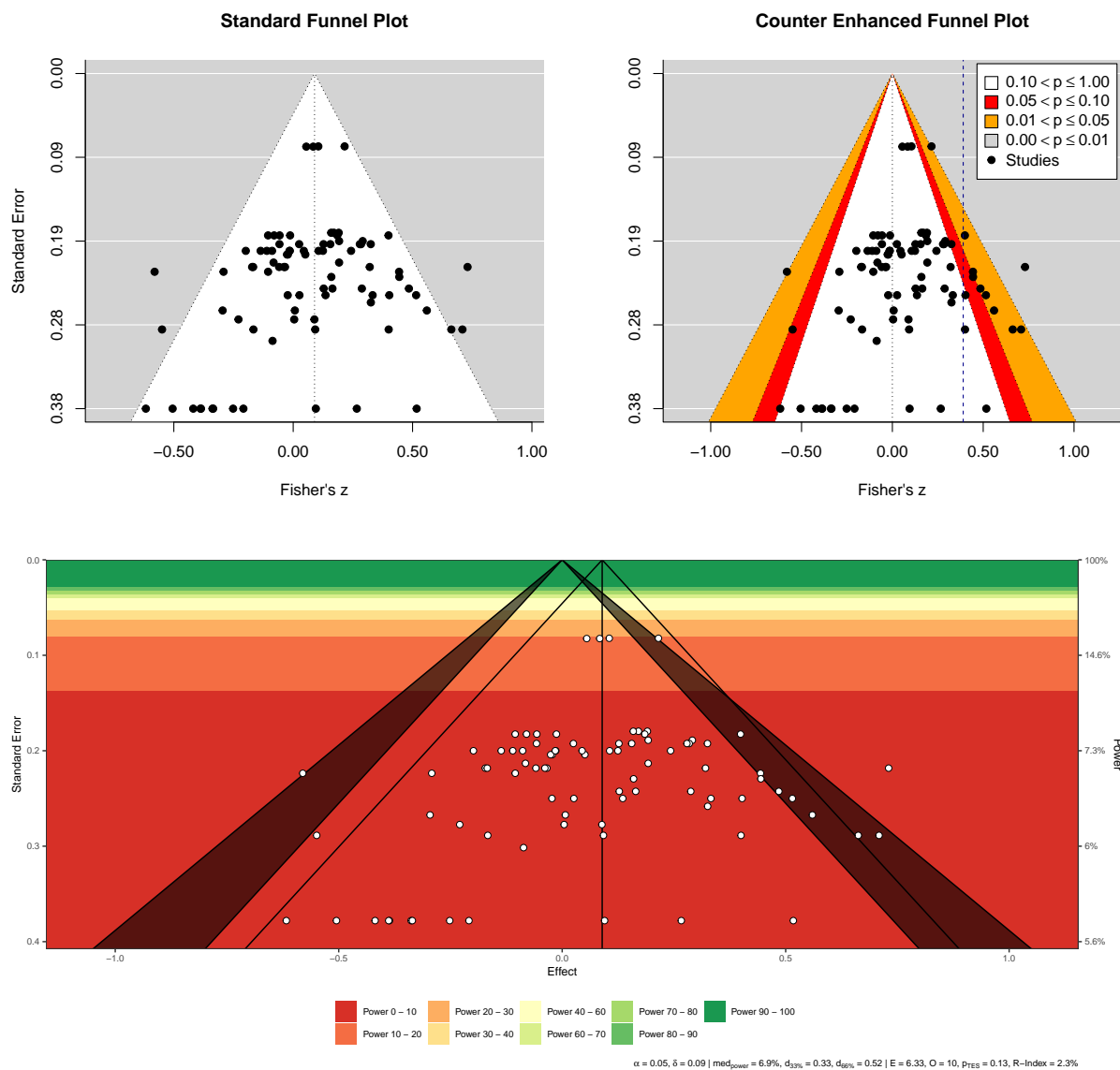
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Regression Test for Funnel Plot Asymmetry

Model: mixed-effects meta-regression model

Predictor: standard error

Test for Funnel Plot Asymmetry: $z = 0.3479$, $p = 0.7279$

Limit Estimate (as $se_i \rightarrow 0$): $b = -0.0868$ (CI: -1.0081, 0.8345)

Rank Correlation Test for Funnel Plot Asymmetry

Kendall's tau = 0.0344, p = 0.8416