

## CONVERSION

### Classical Meta-Analysis

#### Fixed and Random Effects

	Q	df	p
Omnibus test of Model Coefficients	12.012	1	< .001
Test of Residual Heterogeneity	1308.755	20	< .001

Note. *p* -values are approximate.

Note. The model was estimated using Restricted ML method.

#### Coefficients

	Estimate	Standard Error	z	p
intercept	3.030	0.874	3.466	< .001

Note. Wald test.

#### Residual Heterogeneity Estimates

	Estimate
$\tau^2$	15.102
$\tau$	3.886
$I^2$ (%)	99.983
$H^2$	5768.951

#### Rank correlation test for Funnel plot asymmetry

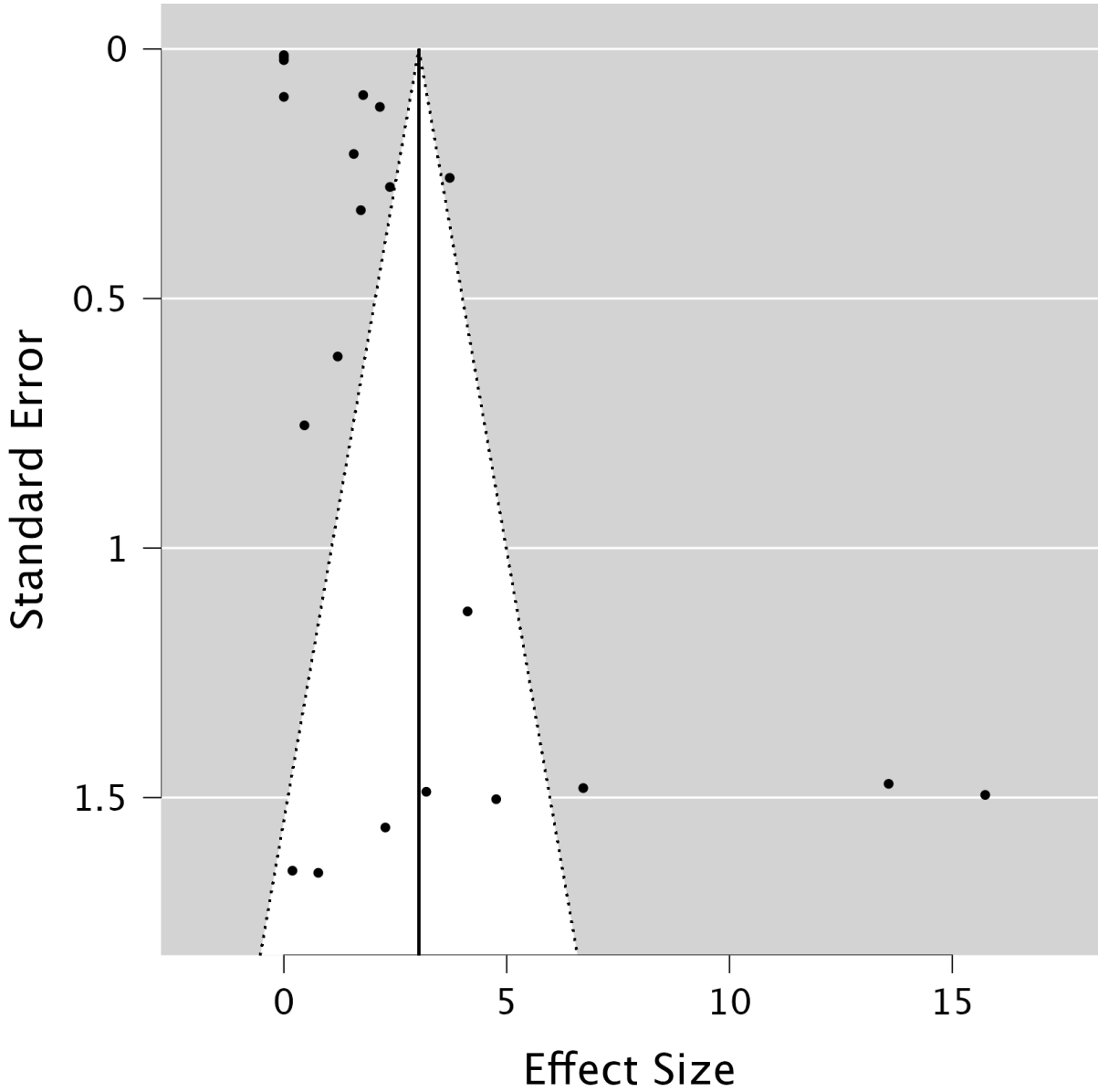
	Kendall's $\tau$	p
Rank test	-0.029	0.882

Regression test for Funnel plot asymmetry ("Egger's test")

	z	p
sei	2.733	0.006

Plot

Funnel Plot



PET-PEESE

Model Tests

### Test of Effect

	t	df	p
PET	-1.242	19	0.229

### Test of Publication Bias

	t	df	p
PET	4.164	19	< .001

### Estimates

#### Mean Estimates ( $\mu$ )

	Estimate	Standard Error	t	df	p	95% Confidence Interval	
						Lower	Upper
PET	-0.076	0.061	-1.242	19	0.229	-0.196	0.044
PEESE	0.038	0.069	0.555	19	0.585	-0.097	0.173

## Robust Bayesian Meta-Analysis

### Summary

#### Model Summary

	Models	P(M)	P(M data)	Inclusion	BF
Effect	18/36	0.500	0.533		1.140
Heterogeneity	18/36	0.500	1.000	1.503	$10^{+125}$
Publication bias	32/36	0.500	0.977		41.566

#### Model Averaged Estimates

	Mean	Median	95% CI	
			Lower	Upper
Effect size ( $\mu$ )	0.358	0.000	-0.621	1.945
Heterogeneity ( $\tau$ )	3.295	3.207	2.213	4.850

*Note.* The estimates are summarized on the none scale (priors were specified on the none scale).

#### Model Averaged Weights ( $\omega$ )

<i>p</i> -values interval		Mean	Median	95% CI	
Lower	Upper			Lower	Upper
0.000	0.025	1.000	1.000	1.000	1.000
0.025	0.050	1.000	1.000	1.000	1.000
0.050	0.100	0.997	1.000	1.000	1.000
0.100	0.950	0.994	1.000	1.000	1.000

**Model Averaged Weights ( $\omega$ )**

<i>p</i> -values interval		Mean	Median	95% CI	
Lower	Upper			Lower	Upper
0.950	0.975	0.994	1.000	1.000	1.000
0.975	1.000	0.994	1.000	1.000	1.000

*Note.* (Estimated publication weights omega correspond to one-sided p-values.)

**Model Averaged PET-PEESE Estimates**

	Mean	Median	95% CI	
			Lower	Upper
PET	2.039	2.474	0.000	4.758
PEESE	0.683	0.000	0.000	3.008

## OPERATION TIME

### Classical Meta-Analysis

**Fixed and Random Effects**

	Q	df	p
Omnibus test of Model Coefficients	3.770	1	0.052
Test of Residual Heterogeneity	2164.395	18	< .001

*Note.* *p* -values are approximate.

*Note.* The model was estimated using Restricted ML method.

**Coefficients**

	Estimate	Standard Error	z	p	95% Confidence Interval	
					Lower	Upper
intercept	-1.353	0.697	-1.942	0.052	-2.719	0.013

*Note.* Wald test.

**Residual Heterogeneity Estimates**

	Estimate	95% Confidence Interval	
		Lower	Upper
$\tau^2$	9.127	5.190	20.562
$\tau$	3.021	2.278	4.535
I <sup>2</sup> (%)	99.886	99.799	99.949
H <sup>2</sup>	875.627	498.376	1971.493

Rank correlation test for Funnel plot asymmetry

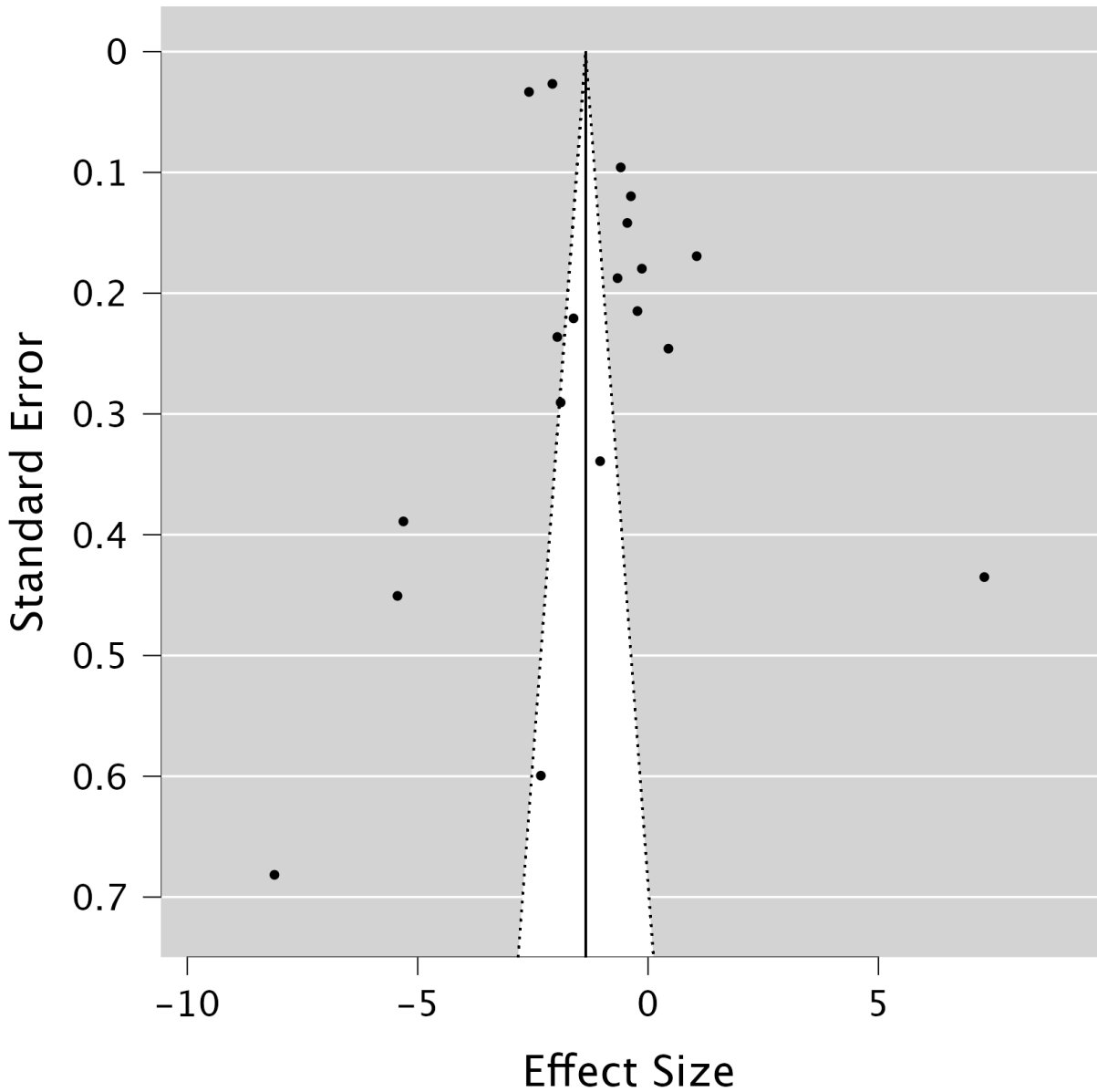
	Kendall's $\tau$	p
Rank test	-0.310	0.068

Regression test for Funnel plot asymmetry ("Egger's test")

	z	p
sei	-1.423	0.155

Plot

Funnel Plot



PET-PEESE

## Model Tests

### Test of Effect

t	df	p
PET -9.492	17	< .001

### Test of Publication Bias

t	df	p
PET 2.160	17	0.045

## Estimates

### Mean Estimates ( $\mu$ )

	Estimate	Standard Error	t	df	p	95% Confidence Interval	
						Lower	Upper
PET	-2.333	0.246	-9.492	17	< .001	-2.815	-1.851
PEESE	-2.044	0.219	-9.341	17	< .001	-2.473	-1.615

## Robust Bayesian Meta-Analysis

### Summary

#### Model Summary

	Models	P(M)	P(M data)	Inclusion BF
Effect	18/36	0.500	0.483	0.935
Heterogeneity	18/36	0.500	1.000	$\infty$
Publication bias	32/36	0.500	0.826	4.731

#### Model Averaged Estimates

	Mean	Median	95% CI	
			Lower	Upper
Effect size ( $\mu$ )	-0.191	0.000	-1.580	0.916
Heterogeneity ( $\tau$ )	3.046	2.976	2.163	4.357

*Note.* The estimates are summarized on the none scale (priors were specified on the none scale).

#### Model Averaged Weights ( $\omega$ )

<i>p</i> -values interval		Mean	Median	95% CI	
Lower	Upper			Lower	Upper
0.000	0.025	1.000	1.000	1.000	1.000
0.025	0.050	0.997	1.000	1.000	1.000
0.050	0.100	0.856	1.000	0.304	1.000



**Model Averaged Weights ( $\omega$ )**

<i>p</i> -values interval					
Lower	Upper	Mean	Median	95% CI	
				Lower	Upper
0.100	0.950	0.727	1.000	0.136	1.000
0.950	0.975	0.729	1.000	0.136	1.000
0.975	1.000	0.731	1.000	0.136	1.000

*Note.* (Estimated publication weights omega correspond to one-sided p-values.)

**Model Averaged PET-PEESE Estimates**

		95% CI			
	Mean	Median	Lower	Upper	
PET	0.347	0.000	0.000	4.556	
PEESE	2.410	0.000	0.000	14.579	