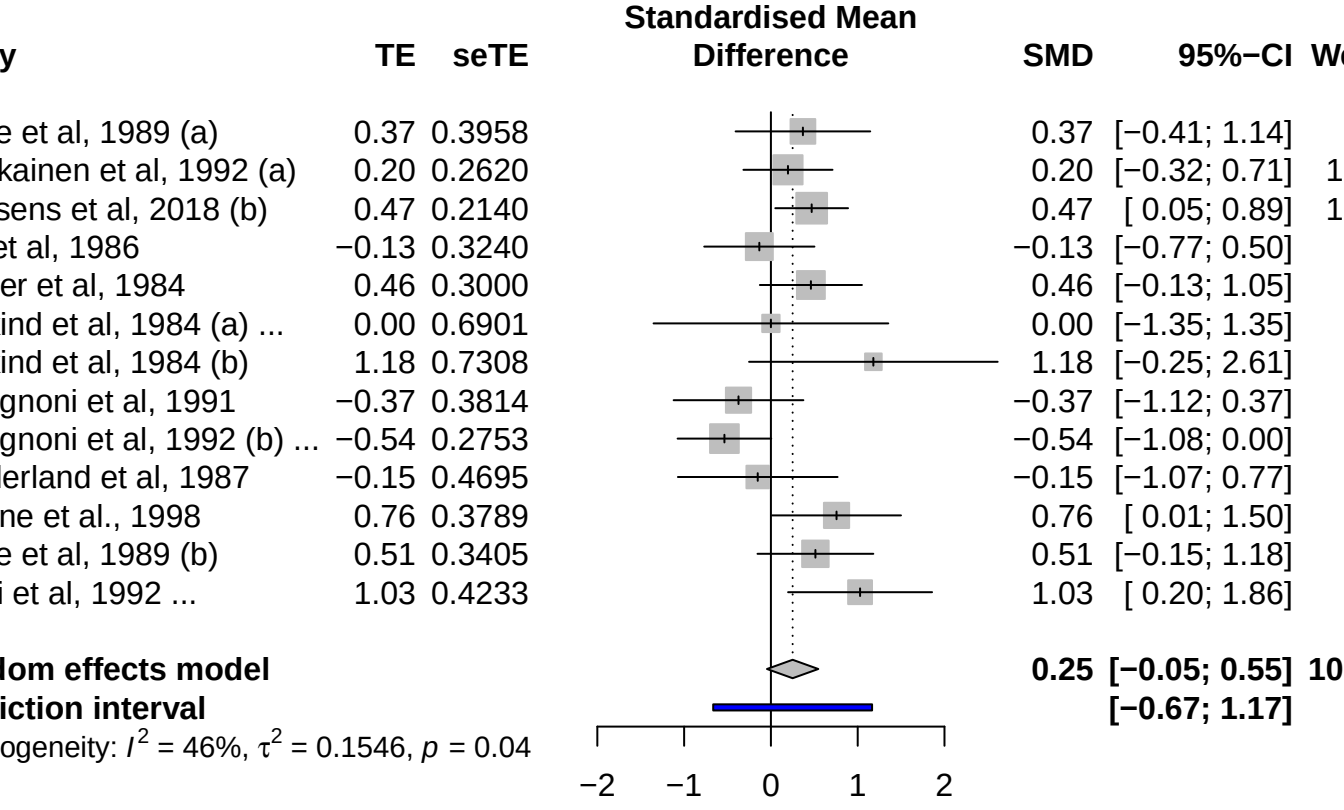
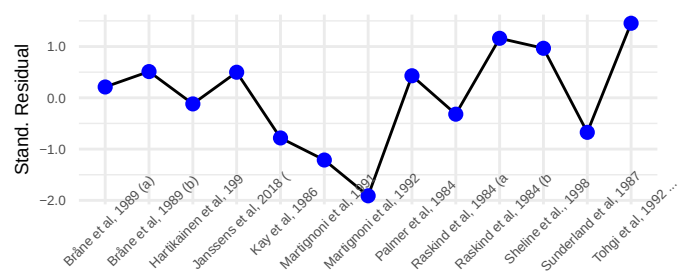
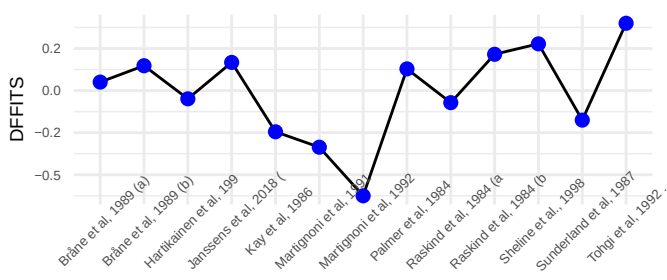
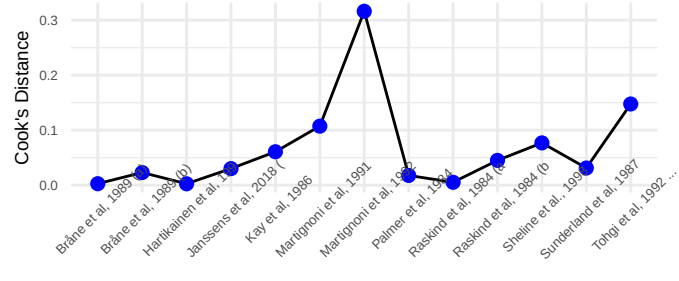
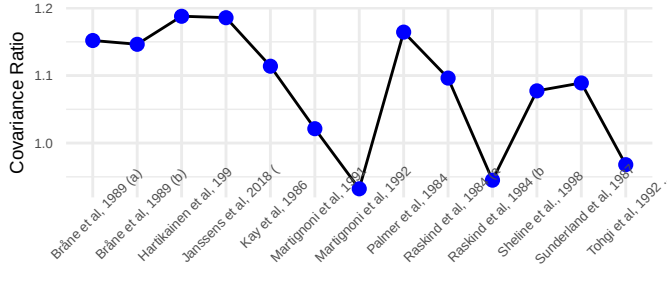
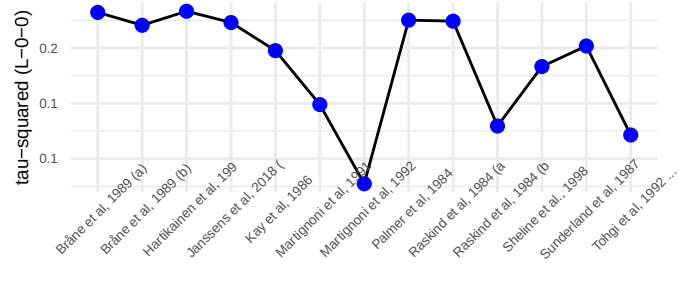

y
TE
seTE
Standardised Mean Difference
SMD
95%−CI
W
e et al, 1989 (a) 0.37 0.3958 0.37 [−0.41; 1.14]
kainen et al, 1992 (a) 0.20 0.2620 0.20 [−0.32; 0.71] 1
sens et al, 2018 (b) 0.47 0.2140 0.47 [0.05; 0.89] 1
et al, 1986 −0.13 0.3240 −0.13 [−0.77; 0.50]
er et al, 1984 0.46 0.3000 0.46 [−0.13; 1.05]
ind et al, 1984 (a) ... 0.00 0.6901 0.00 [−1.35; 1.35]
ind et al, 1984 (b) 1.18 0.7308 1.18 [−0.25; 2.61]
gnoni et al, 1991 −0.37 0.3814 −0.37 [−1.12; 0.37]
gnoni et al, 1992 (b) ... −0.54 0.2753 −0.54 [−1.08; 0.00]
lerland et al, 1987 −0.15 0.4695 −0.15 [−1.07; 0.77]
ne et al., 1998 0.76 0.3789 0.76 [0.01; 1.50]
e et al, 1989 (b) 0.51 0.3405 0.51 [−0.15; 1.18]
i et al, 1992 ... 1.03 0.4233 1.03 [0.20; 1.86]
lom effects model 0.25 [−0.05; 0.55] 10
iction interval [−0.67; 1.17]
ogeneity: I^2 = 46%, τ^2 = 0.1546, p = 0.04
−2
−1
0
1
2

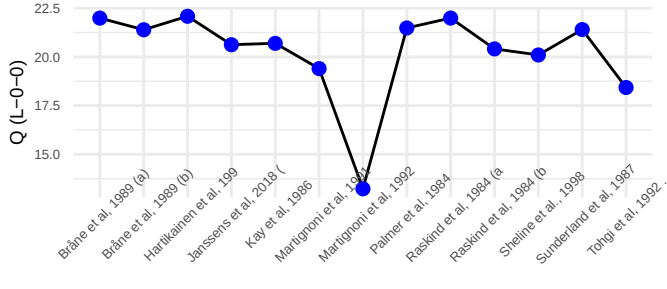

Stand. Residual
1.0
0.0
−1.0
−2.0
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 199
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

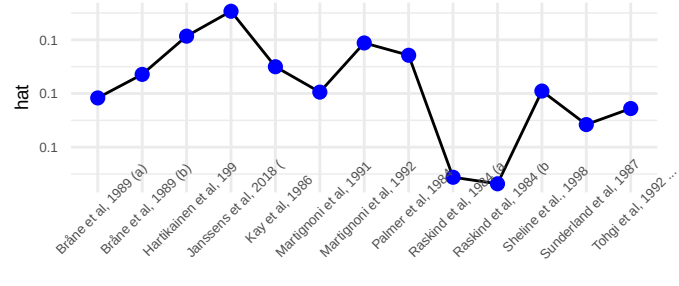

DFFITS
0.2
0.0
−0.2
−0.5
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 199
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

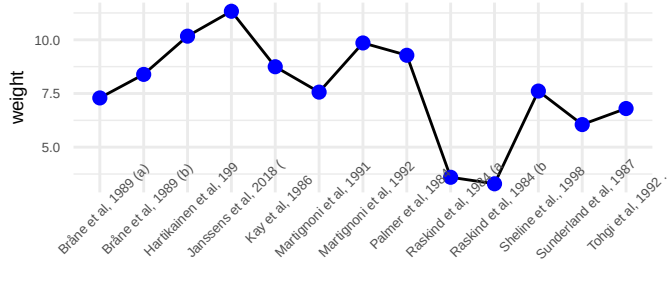

Cook's Distance
0.3
0.2
0.1
0.0
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 1991
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

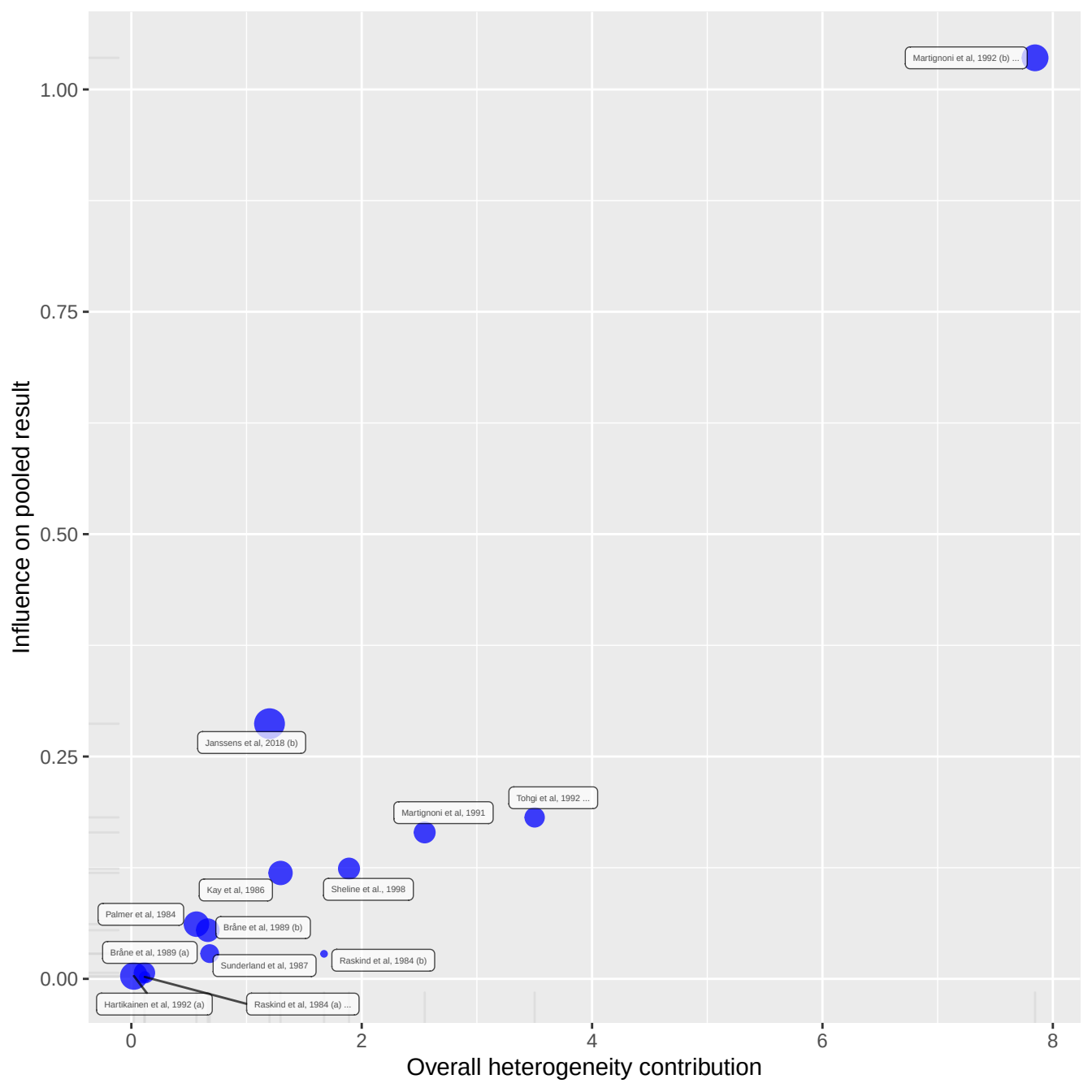

Covariance Ratio
1.2
1.1
1.0
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 199
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

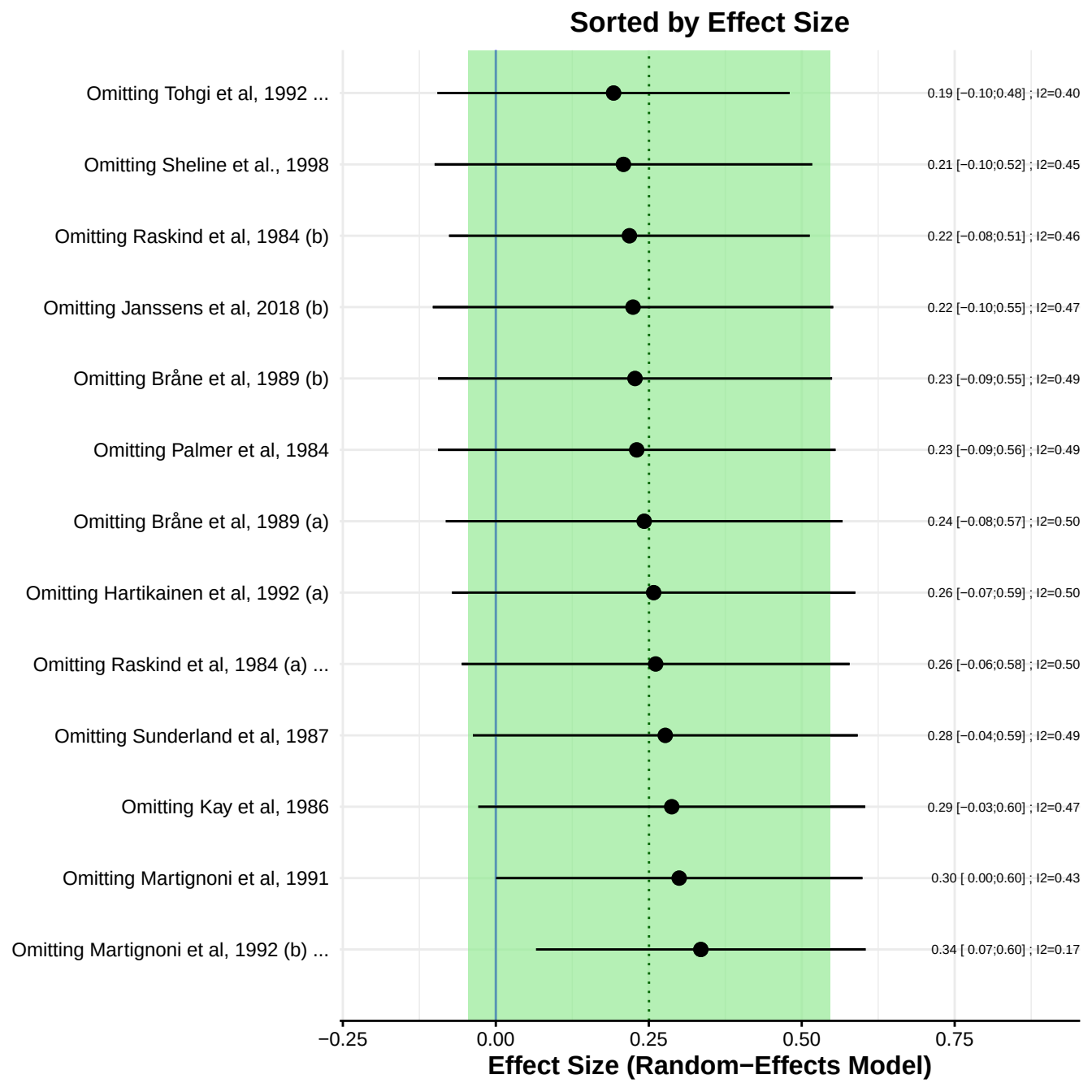

tau−squared (L−0−0)
0.2
0.1
0.1
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 199
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

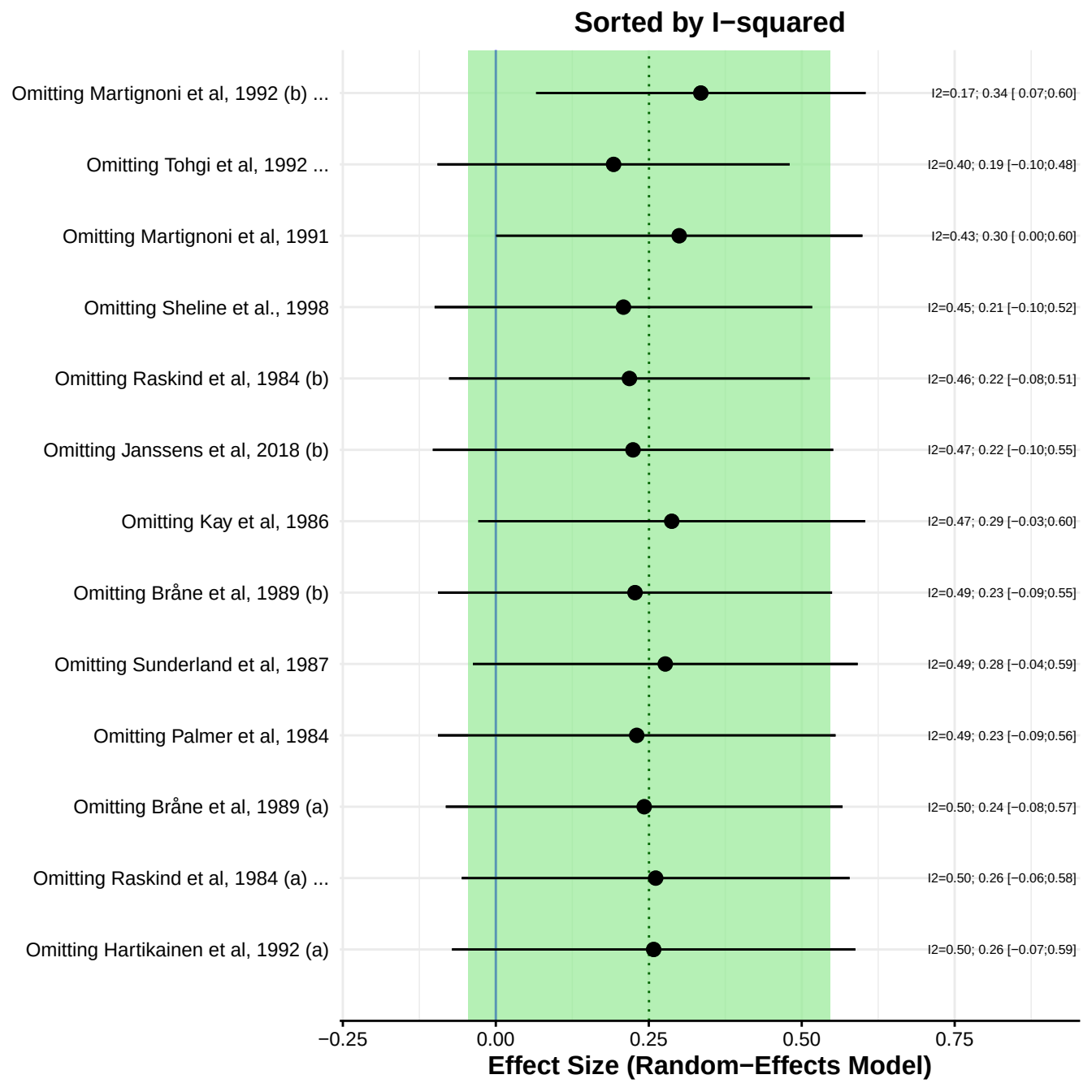

Q (L−0−0)
22.5
20.0
17.5
15.0
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 199
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

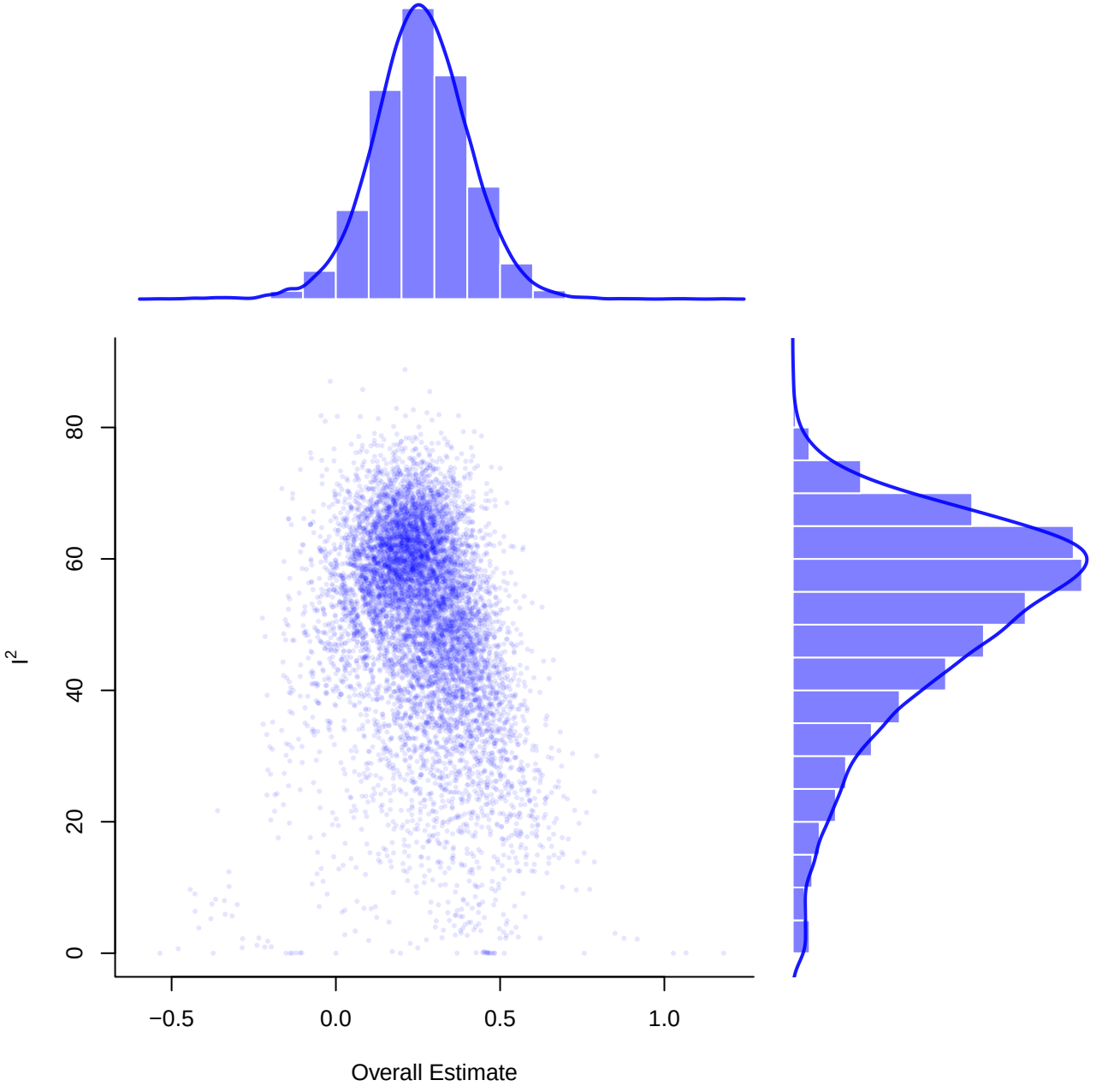

hat
0.1
0.1
0.1
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 1991
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

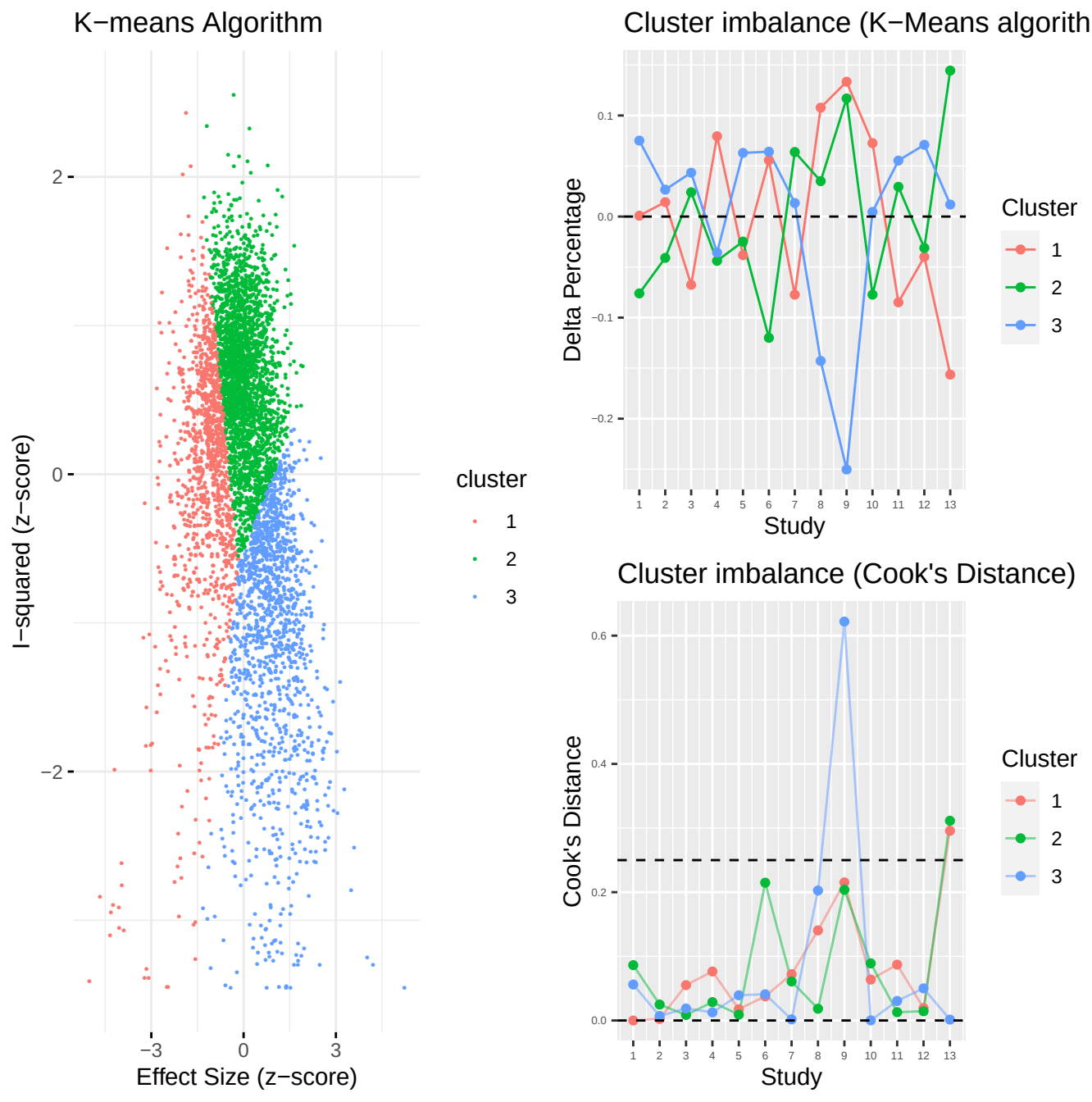

weight
10.0
7.5
5.0
Bråne et al., 1989 (a)
Bråne et al., 1989 (b)
Hartikainen et al., 199
Janssens et al. 2018 (
Kay et al., 1986
Martignoni et al., 1991
Martignoni et al., 1992
Palmer et al., 1984
Raskind et al., 1984 (a
Raskind et al., 1984 (b
Sheline et al., 1998
Sunderland et al., 1987
Tohgi et al., 1992 ...

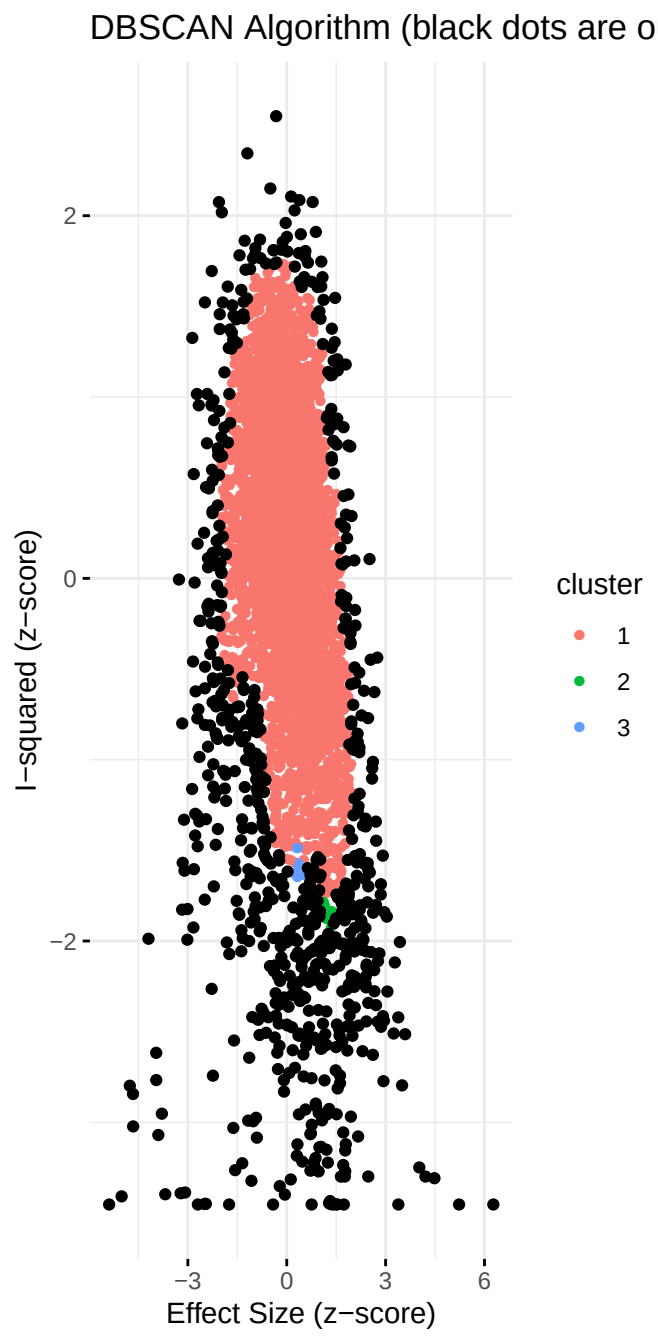

Martignoni et al, 1992 (b) ...
Janssens et al, 2018 (b)
Tohgi et al, 1992 ...
Martignoni et al, 1991
Kay et al, 1986
Sheline et al., 1998
Palmer et al, 1984
Bråne et al, 1989 (b)
Bråne et al, 1989 (a)
Sunderland et al, 1987
Raskind et al, 1984 (b)
Hartikainen et al, 1992 (a)
Raskind et al, 1984 (a) ...
1.00
0.75
0.50
0.25
0.00
Influence on pooled result
0
2
4
6
8
Overall heterogeneity contribution

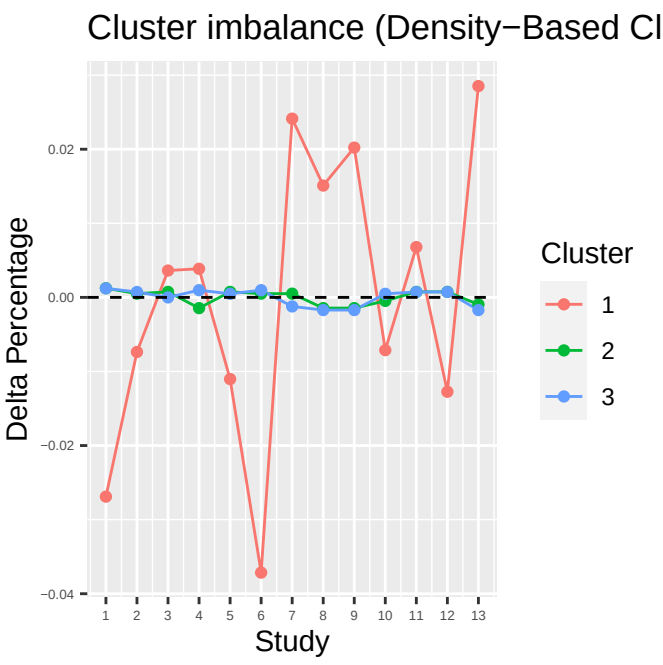

Sorted by Effect Size
Omitting Tohgi et al, 1992 ...
Omitting Sheline et al., 1998
Omitting Raskind et al, 1984 (b)
Omitting Janssens et al, 2018 (b)
Omitting Bråne et al, 1989 (b)
Omitting Palmer et al, 1984
Omitting Bråne et al, 1989 (a)
Omitting Hartikainen et al, 1992 (a)
Omitting Raskind et al, 1984 (a) ...
Omitting Sunderland et al, 1987
Omitting Kay et al, 1986
Omitting Martignoni et al, 1991
Omitting Martignoni et al, 1992 (b) ...
0.19 [−0.10;0.48] ; I2=0.40
0.21 [−0.10;0.52] ; I2=0.45
0.22 [−0.08;0.51] ; I2=0.46
0.22 [−0.10;0.55] ; I2=0.47
0.23 [−0.09;0.55] ; I2=0.49
0.23 [−0.09;0.56] ; I2=0.49
0.24 [−0.08;0.57] ; I2=0.50
0.26 [−0.07;0.59] ; I2=0.50
0.26 [−0.06;0.58] ; I2=0.50
0.28 [−0.04;0.59] ; I2=0.49
0.29 [−0.03;0.60] ; I2=0.47
0.30 [0.00;0.60] ; I2=0.43
0.34 [0.07;0.60] ; I2=0.17
−0.25
0.00
0.25
0.50
0.75
Effect Size (Random−Effects Model)

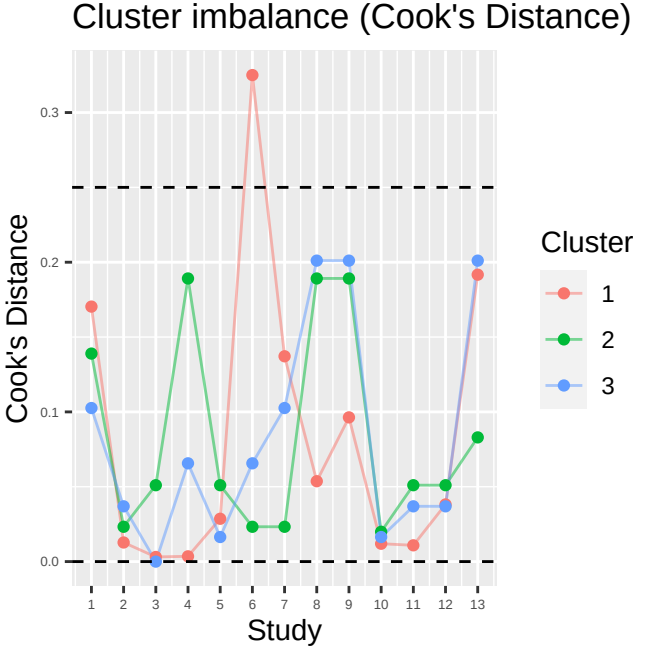

Sorted by I−squared
Omitting Martignoni et al, 1992 (b) ...
Omitting Tohgi et al, 1992 ...
Omitting Martignoni et al, 1991
Omitting Sheline et al., 1998
Omitting Raskind et al, 1984 (b)
Omitting Janssens et al, 2018 (b)
Omitting Kay et al, 1986
Omitting Bråne et al, 1989 (b)
Omitting Sunderland et al, 1987
Omitting Palmer et al, 1984
Omitting Bråne et al, 1989 (a)
Omitting Raskind et al, 1984 (a) ...
Omitting Hartikainen et al, 1992 (a)
I2=0.17; 0.34 [0.07;0.60]
I2=0.40; 0.19 [−0.10;0.48]
I2=0.43; 0.30 [0.00;0.60]
I2=0.45; 0.21 [−0.10;0.52]
I2=0.46; 0.22 [−0.08;0.51]
I2=0.47; 0.22 [−0.10;0.55]
I2=0.47; 0.29 [−0.03;0.60]
I2=0.49; 0.23 [−0.09;0.55]
I2=0.49; 0.28 [−0.04;0.59]
I2=0.49; 0.23 [−0.09;0.56]
I2=0.50; 0.24 [−0.08;0.57]
I2=0.50; 0.26 [−0.06;0.58]
I2=0.50; 0.26 [−0.07;0.59]
−0.25
0.00
0.25
0.50
0.75
Effect Size (Random−Effects Model)

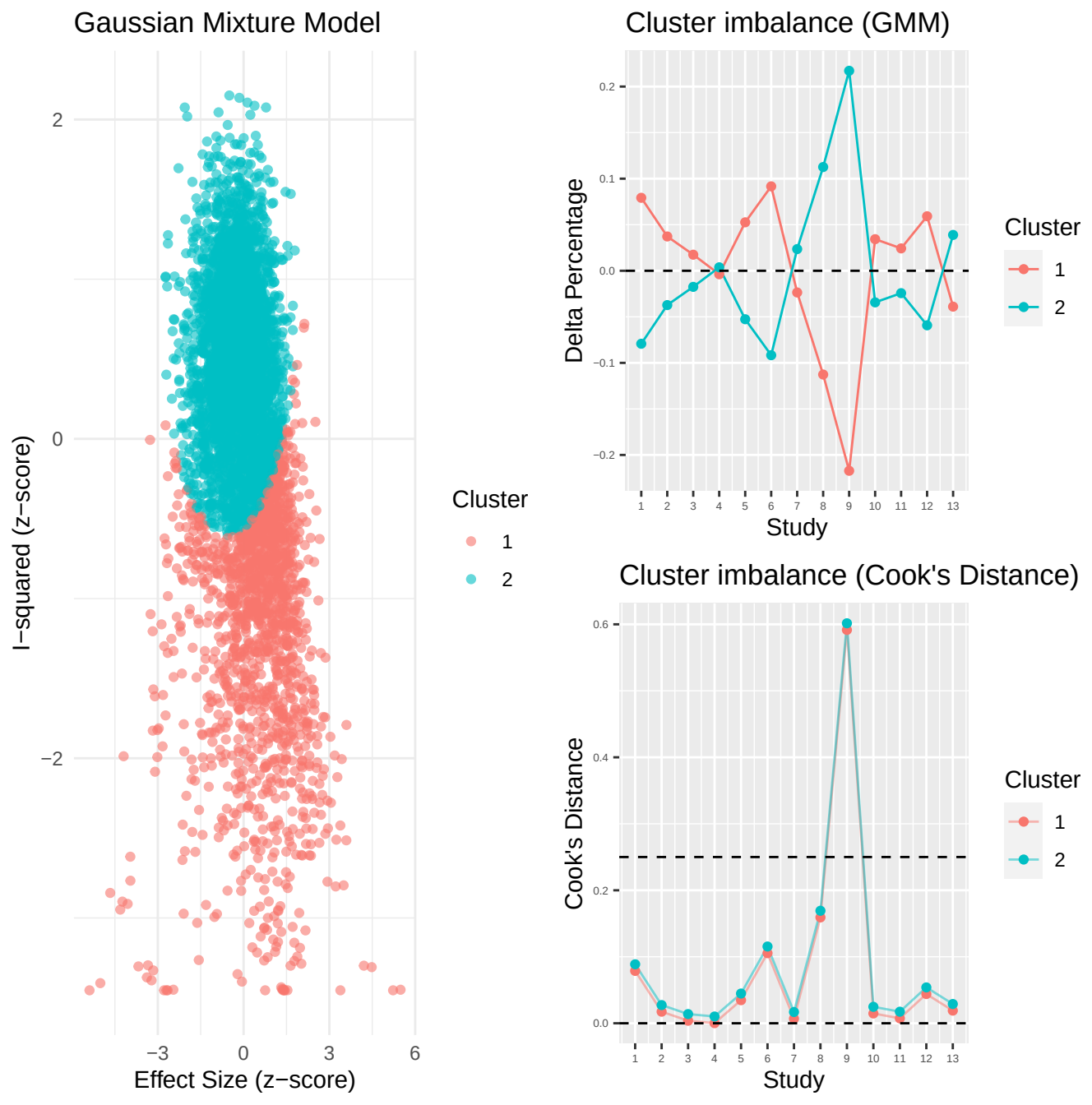

0
20
40
60
80
I^2
−0.5
0.0
0.5
1.0
Overall Estimate

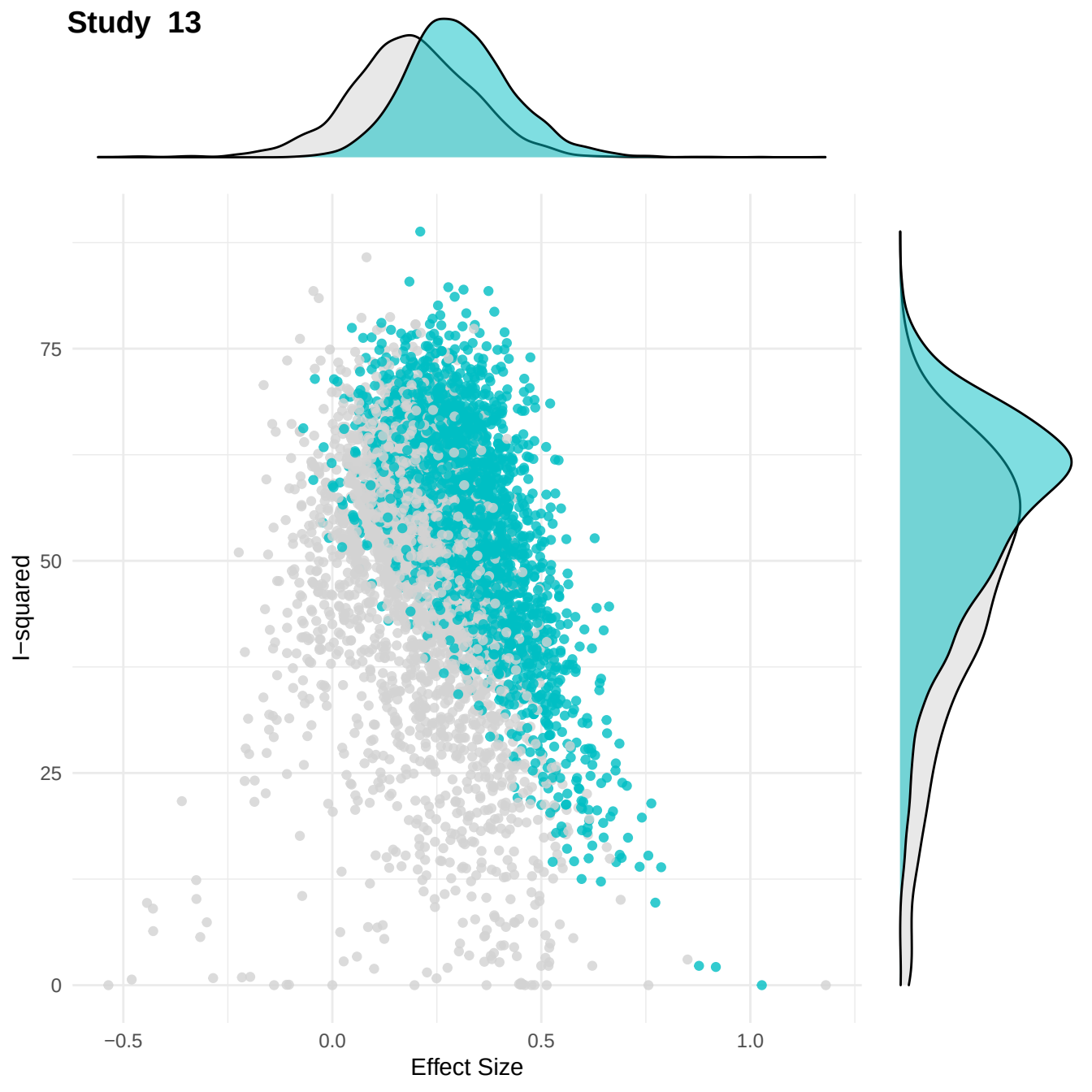

K−means Algorithm
I−squared (z−score)
Effect Size (z−score)
cluster
1
2
3
Cluster imbalance (K−Means algorithm)
Delta Percentage
Study
Cluster
Cluster imbalance (Cook's Distance)
Cook's Distance
Study
Cluster

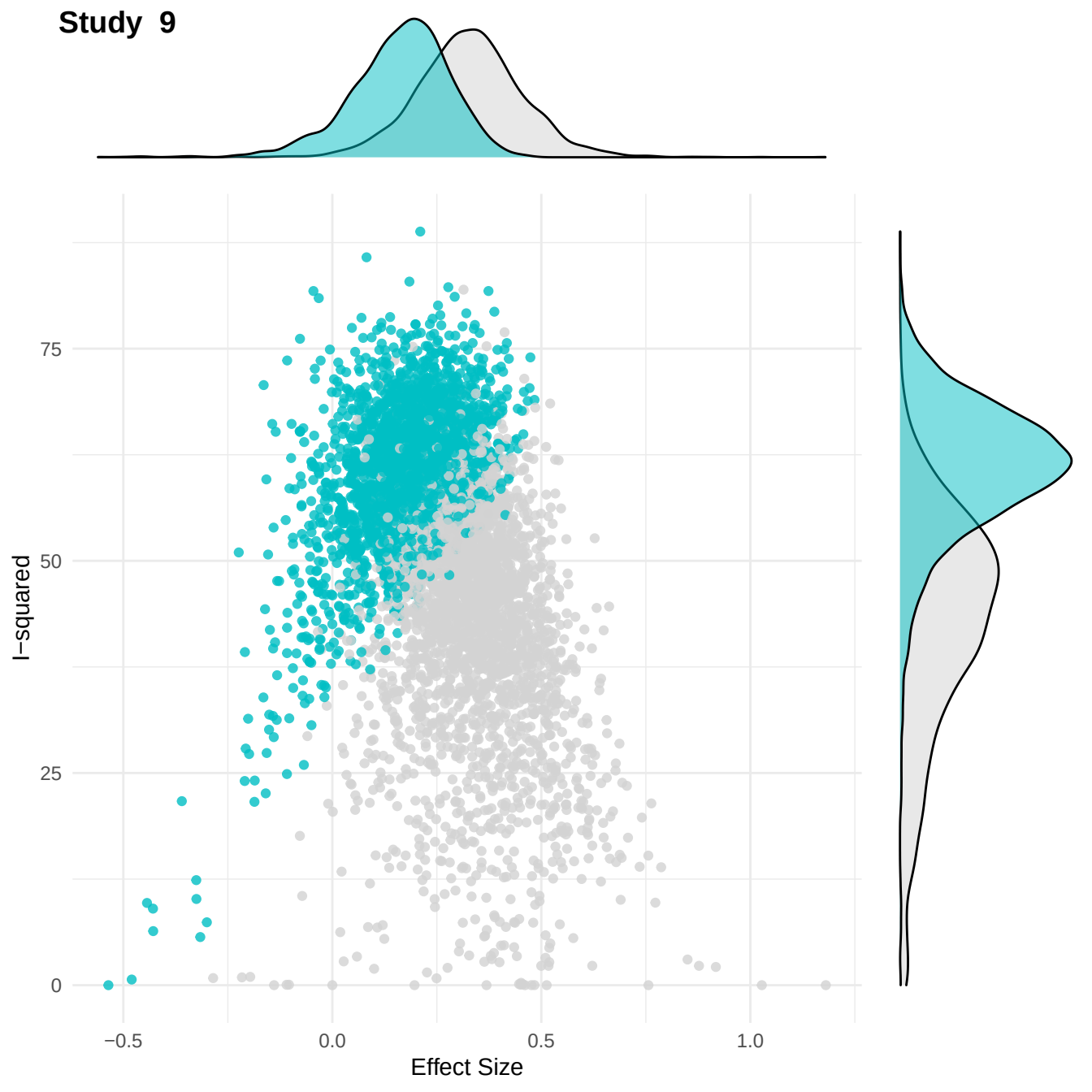

DBSCAN Algorithm (black dots are ou
I−squared (z−score)
Effect Size (z−score)
cluster
1
2
3

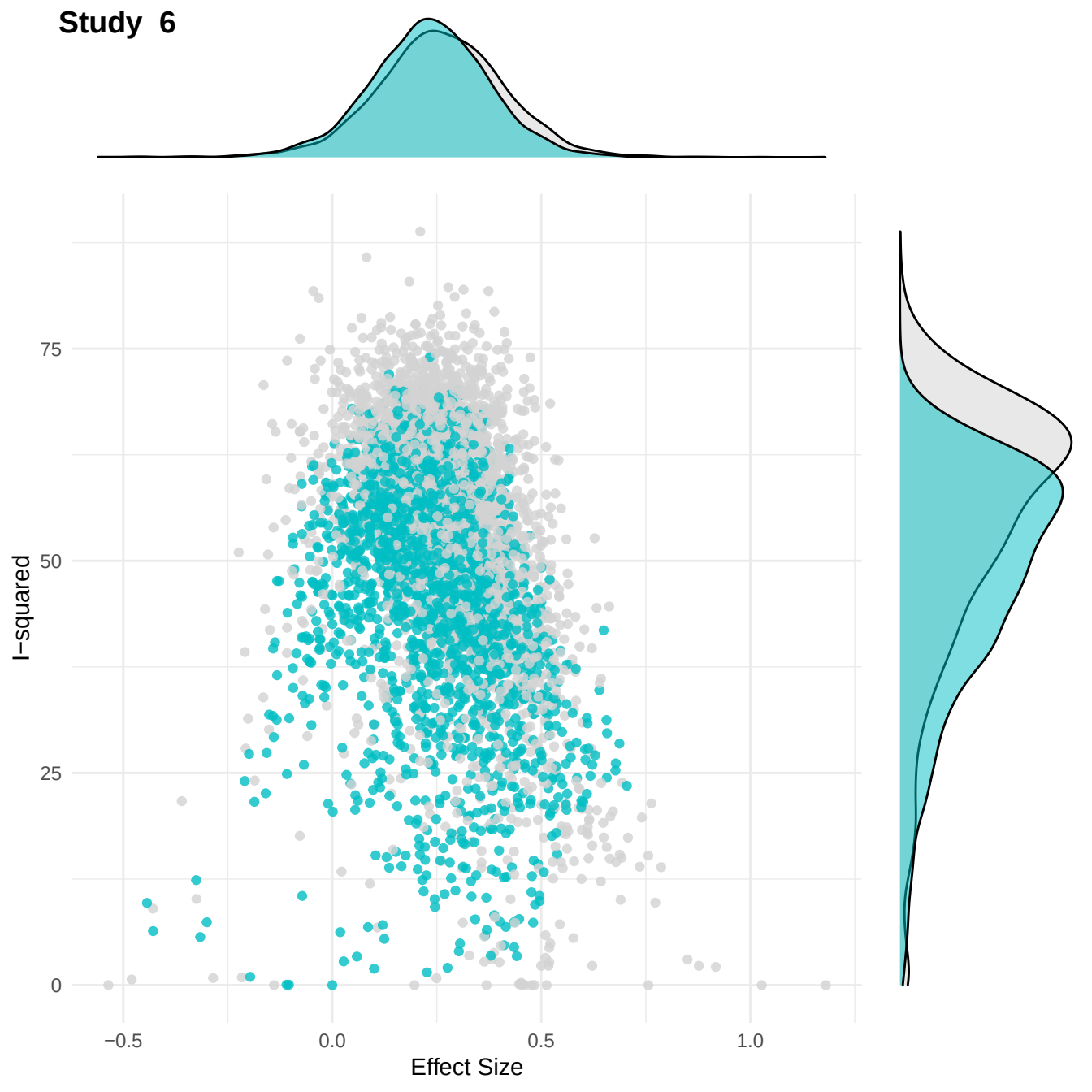

Cluster imbalance (Density−Based Cl
Delta Percentage
Study
Cluster
1
2
3

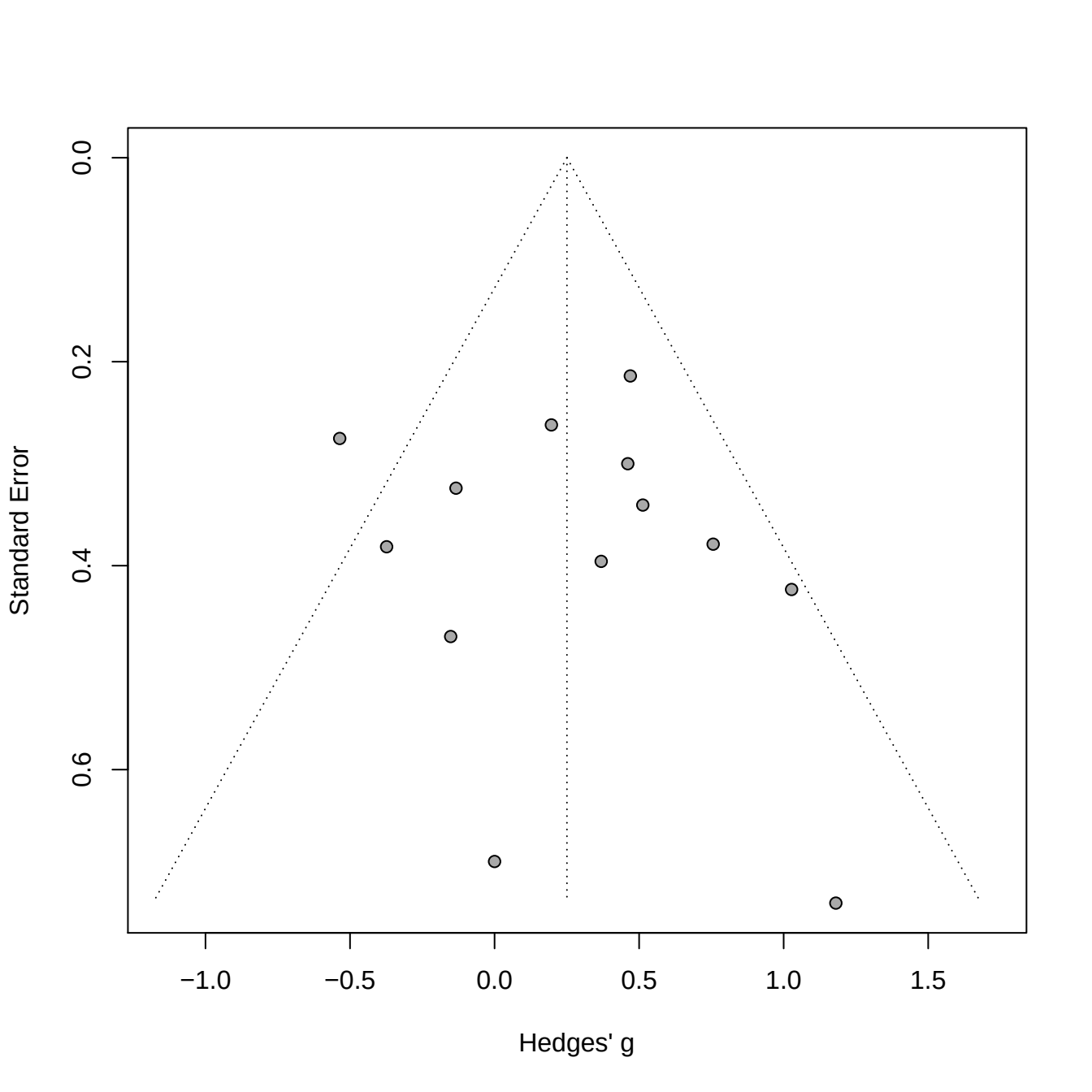

Cluster imbalance (Cook's Distance)
Cook's Distance
Study
Cluster
1
2
3

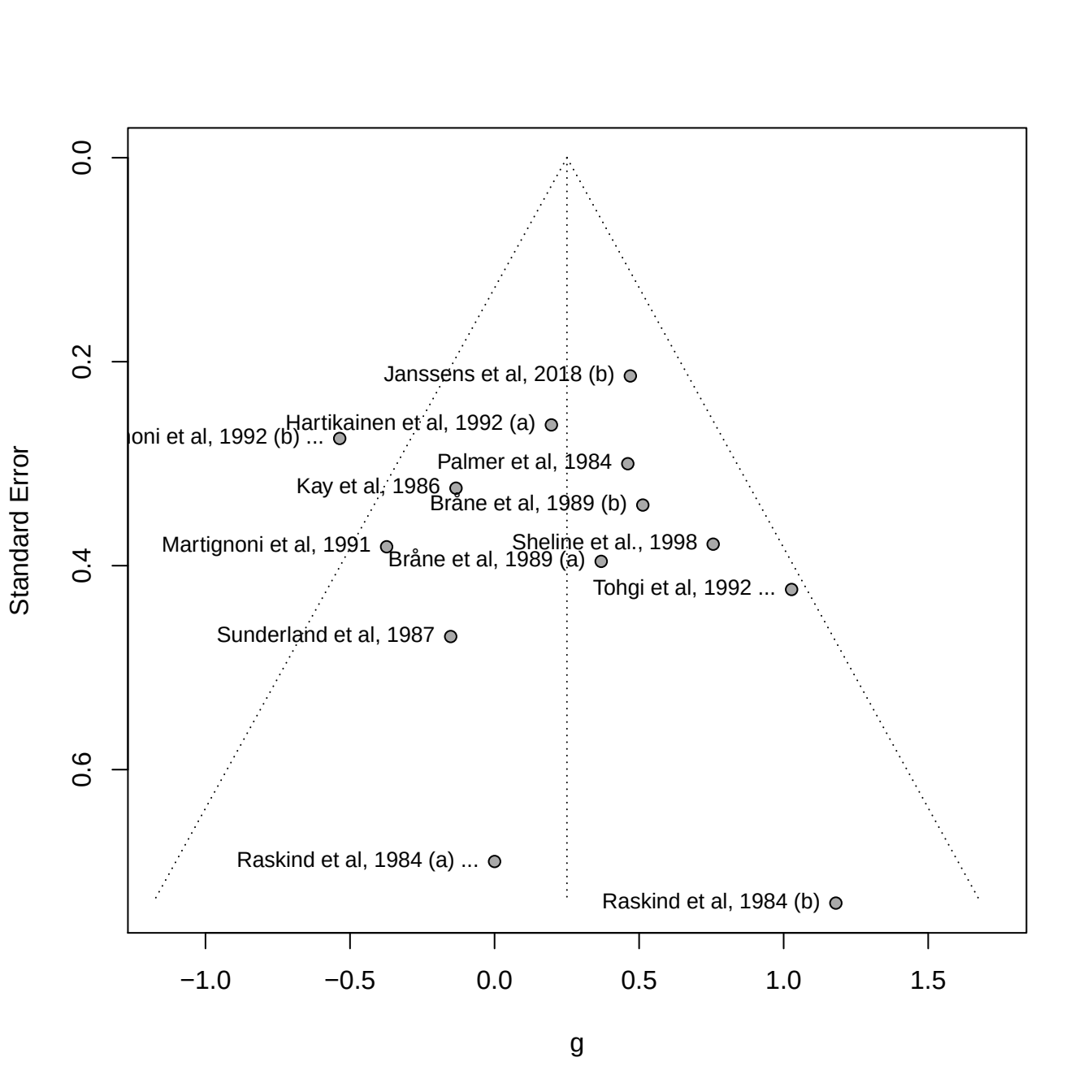

Gaussian Mixture Model
I−squared (z−score)
Effect Size (z−score)
Cluster
1
2
Cluster imbalance (GMM)
Delta Percentage
Study
Cluster imbalance (Cook's Distance)
Cook's Distance
Study

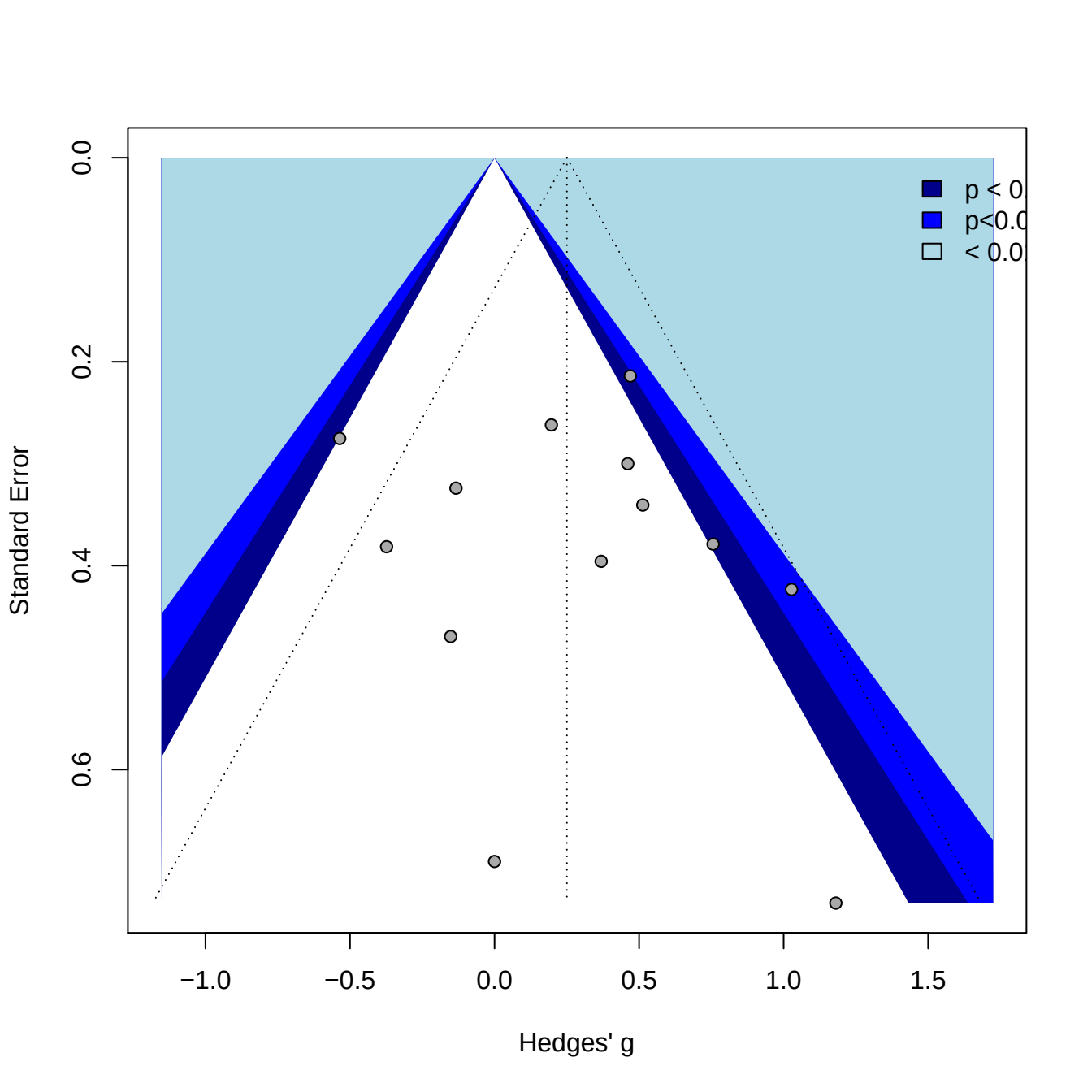

Study 13
I−squared
75
50
25
0
−0.5
0.0
0.5
1.0
Effect Size

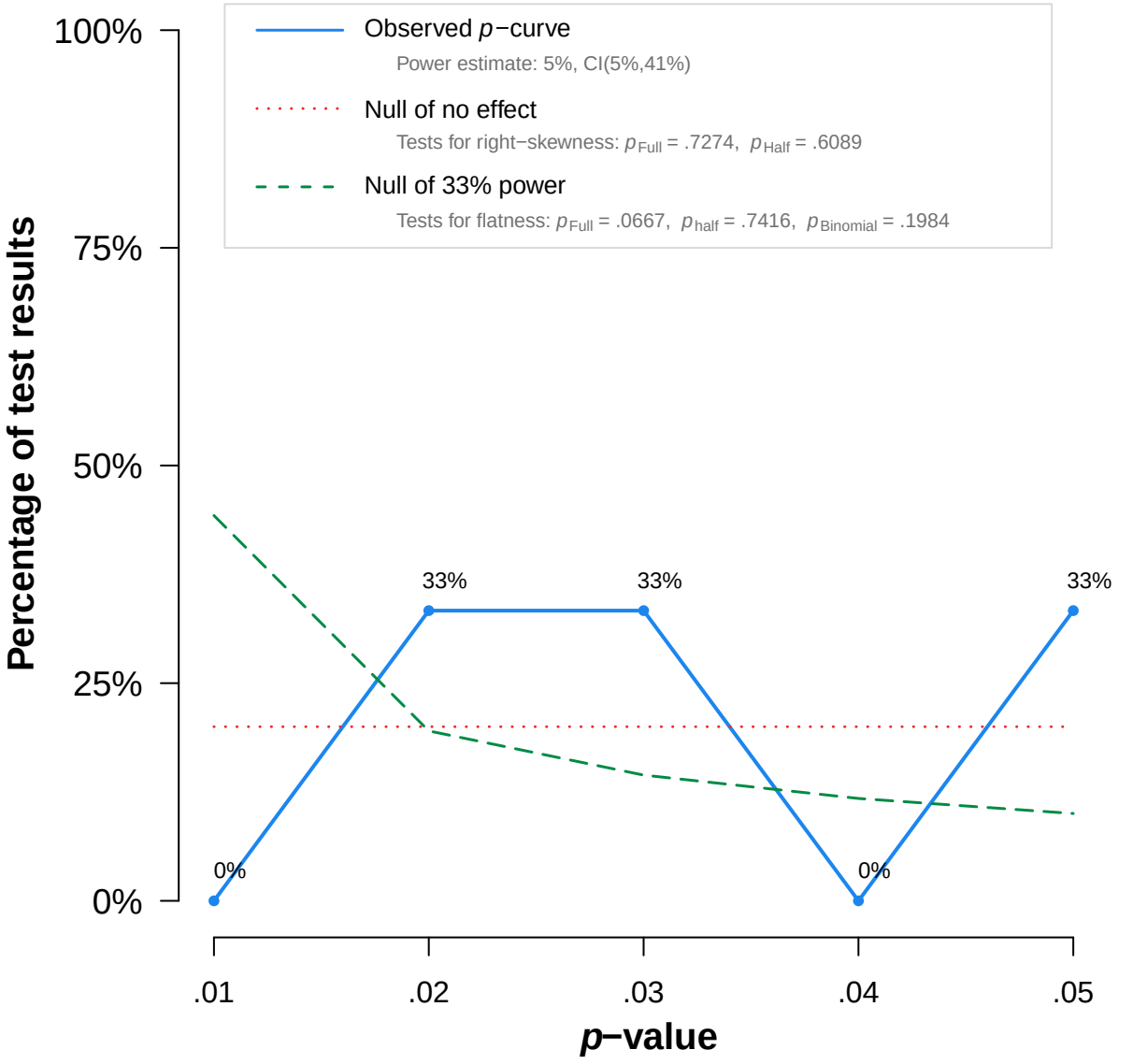

Study 9
I−squared
75
50
25
0
−0.5
0.0
0.5
1.0
Effect Size


Study 6
I−squared
75
50
25
0
−0.5
0.0
0.5
1.0
Effect Size


Standard Error
0.0
0.2
0.4
0.6
−1.0
−0.5
0.0
0.5
1.0
1.5
Hedges' g


Standard Error
0.0
0.2
0.4
0.6
Janssens et al, 2018 (b)
Hartikainen et al, 1992 (a)
oni et al, 1992 (b) ...
Palmer et al, 1984
Kay et al, 1986
Bråne et al, 1989 (b)
Martignoni et al, 1991
Sheline et al., 1998
Bråne et al, 1989 (a)
Tohgi et al, 1992 ...
Sunderland et al, 1987
Raskind et al, 1984 (a) ...
Raskind et al, 1984 (b)
−1.0
−0.5
0.0
0.5
1.0
1.5
g


0.0
0.2
0.4
0.6
Standard Error
p < 0
p<0.0
< 0.0
−1.0
−0.5
0.0
0.5
1.0
1.5
Hedges' g



Note: The observed p−curve includes 3 statistically significant ($p < .05$) results, of which 1 are $p < .025$. There were 10 additional results entered but excluded from p−curve because they were $p > .05$.