



Figure 1. Data extraction options (a) to perform meta-analysis and function (b) for produced theoretical randomized controlled trials by statistical simulation in Software R.

Table 1. Differences of meta-analysis performed by post-intervention versus change from baseline.

Statistical Method or Sensibility Analyses	Effect Estimate	Test for overall effect
Mean Difference (IV, Random, 95% CI)		
All trials		
Post-intervention	5.01 [-4.82, 14.83]	Z = 1.00 (P = 0.32)
Change from baseline	2.02 [-14.16, 18.20]	Z = 0.24 (P = 0.81)
Mixture of methods	7.90 [-2.50, 18.31]	Z = 1.49 (P = 0.14)
Maga-trials		
Post-intervention	7.64 [-6.15, 21.43]	Z = 1.09 (P = 0.28)
Change from baseline	1.84 [-20.89, 24.58]	Z = 0.16 (P = 0.87)
Mixture of methods	10.85 [-3.68, 25.37]	Z = 1.46 (P = 0.14)
Small-trials		
Post-intervention	2.29 [-12.29, 16.86]	Z = 0.31 (P = 0.76)
Change from baseline	2.19 [-21.41, 25.78]	Z = 0.18 (P = 0.86)
Mixture of methods	4.60 [-14.31, 23.51]	Z = 0.48 (P = 0.63)
Std. Mean Difference (IV, Random, 95% CI)		
All trials		
Post-intervention	0.26 [-0.30, 0.83]	Z = 0.91 (P = 0.36)
Change from baseline	0.08 [-0.61, 0.77]	Z = 0.23 (P = 0.82)
Mixture of methods	0.43 [-0.07, 0.94]	Z = 1.68 (P = 0.09)
Maga-trials		
Post-intervention	0.46 [-0.32, 1.25]	Z = 1.15 (P = 0.25)
Change from baseline	-0.04 [-1.00, 0.92]	Z = 0.08 (P = 0.94)
Mixture of methods	0.49 [-0.20, 1.19]	Z = 1.39 (P = 0.17)
Small-trials		
Post-intervention	0.01 [-1.14, 1.16]	Z = 0.02 (P = 0.99)
Change from baseline	0.20 [-0.78, 1.18]	Z = 0.41 (P = 0.68)
Mixture of methods	0.36 [-0.77, 1.48]	Z = 0.62 (P = 0.54)