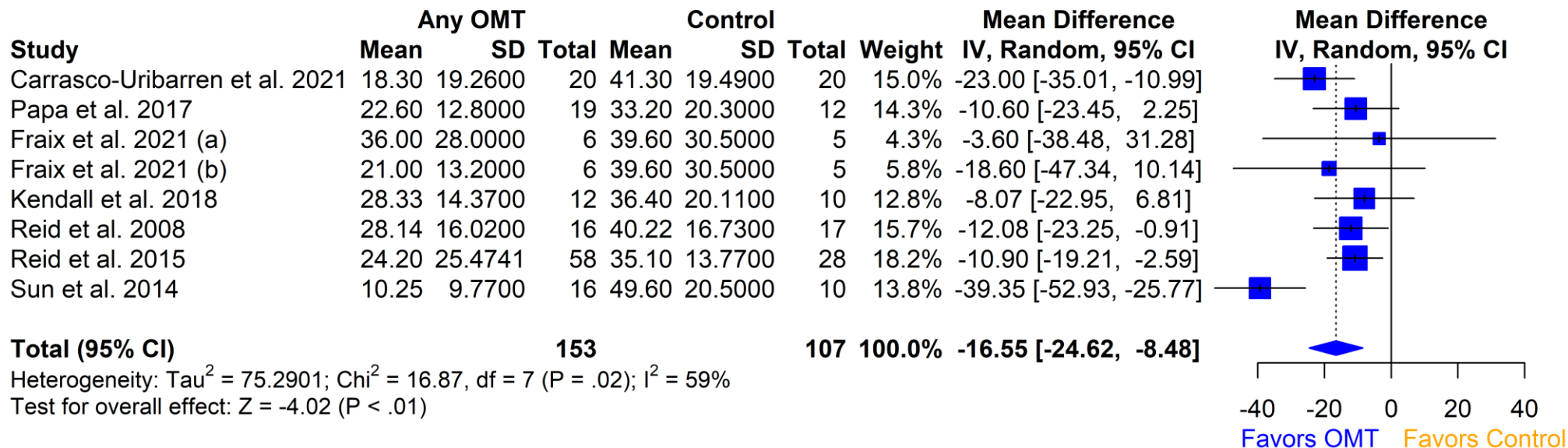
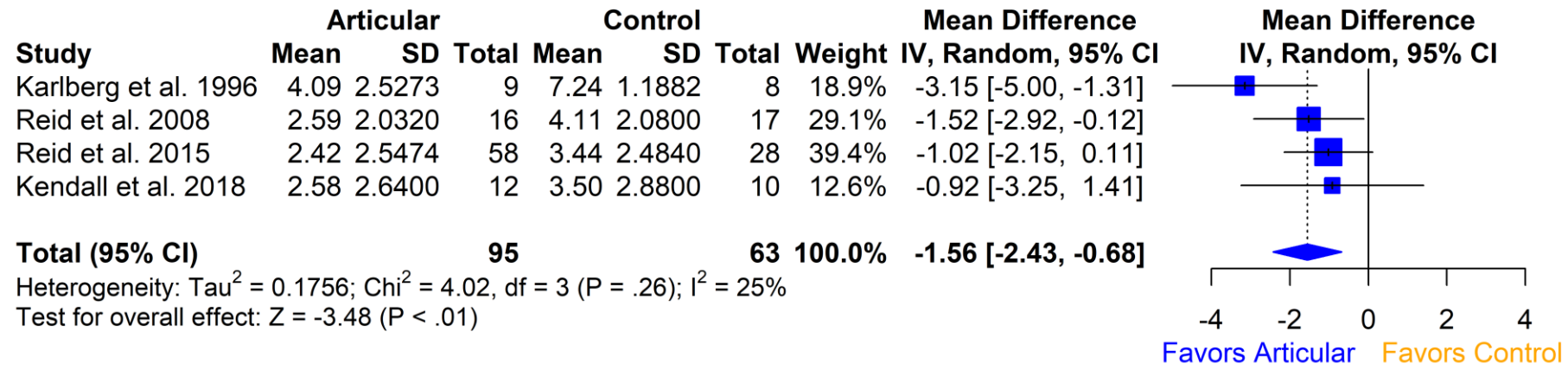


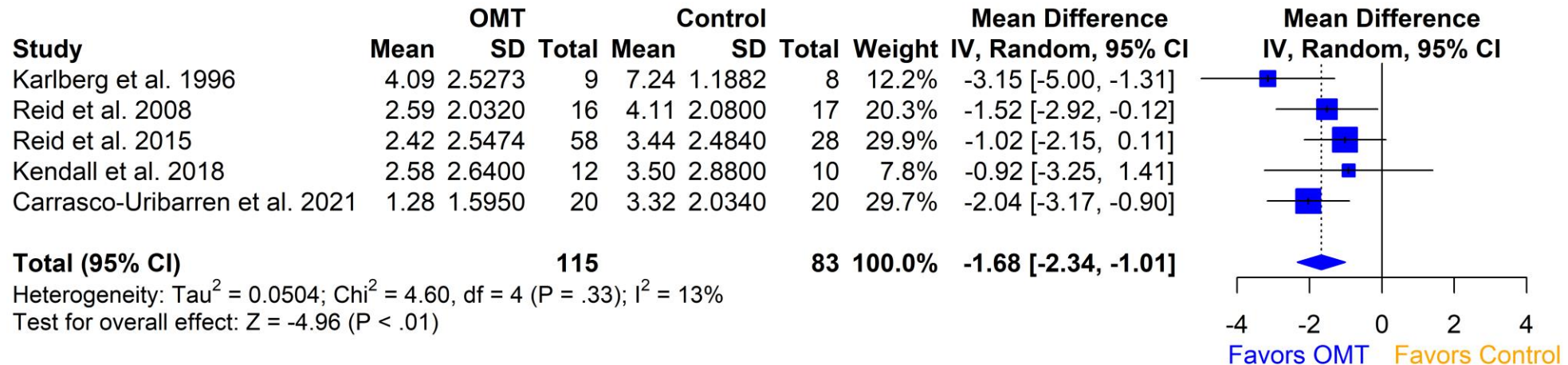
Supplementary Figure 1A.



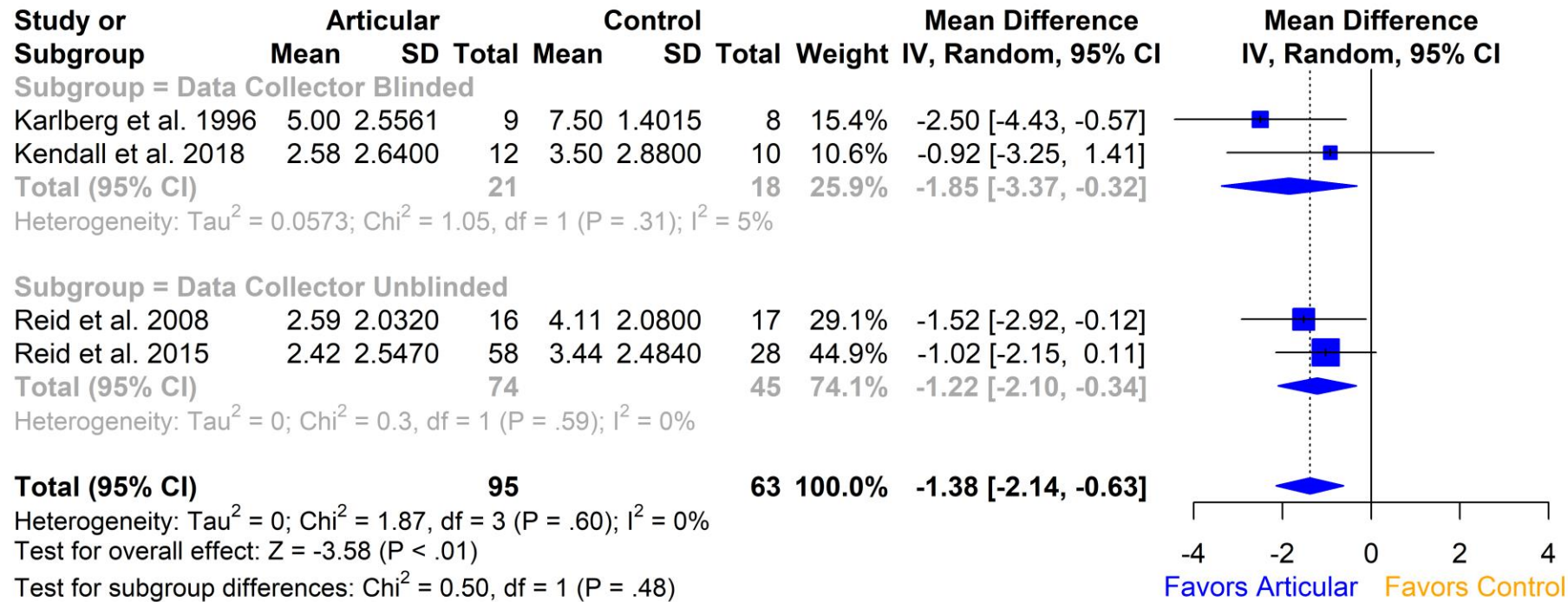
Supplementary Figure 1B.



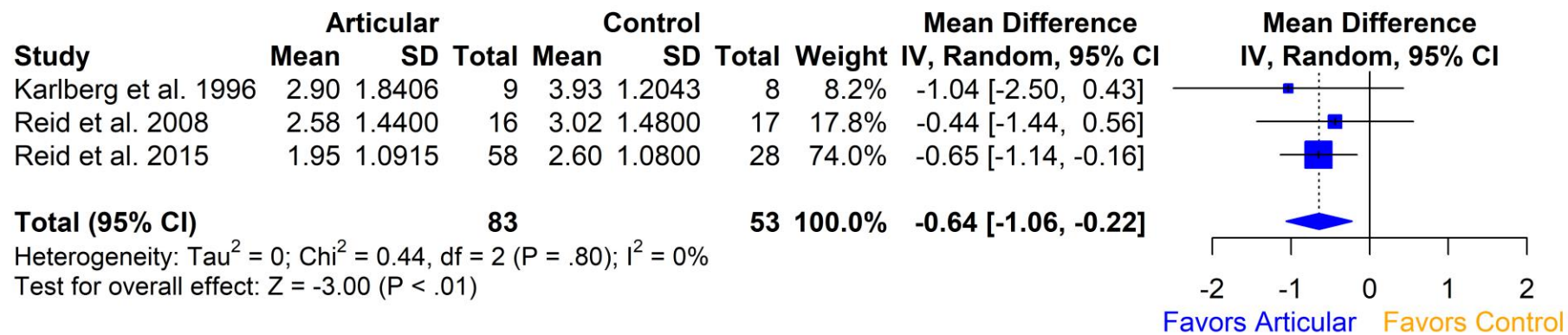
Supplementary Figure 2A.



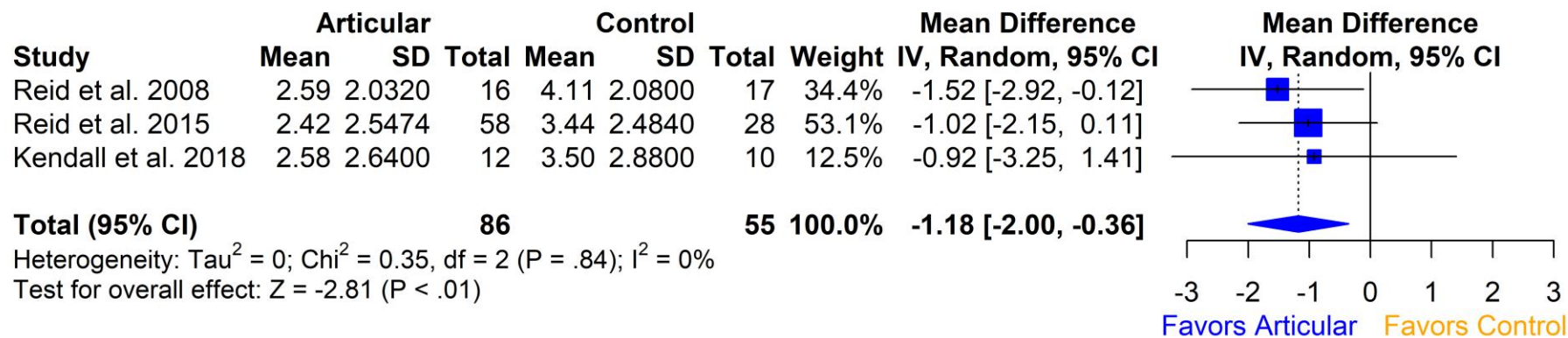
Supplementary Figure 2B.



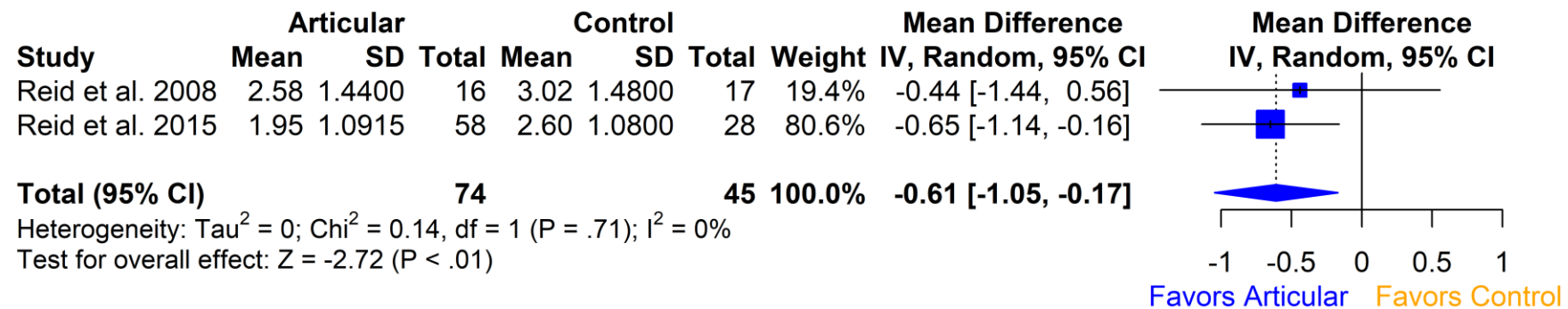
Supplementary Figure 3.



Supplementary Figure 4.

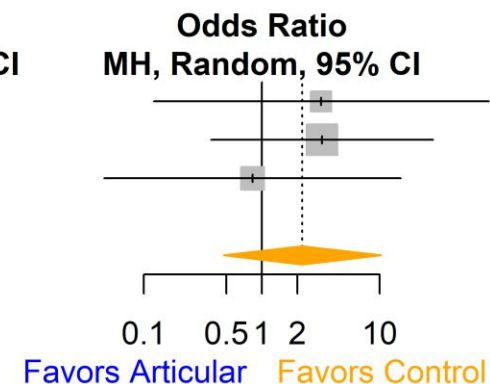


Supplementary Figure 5.



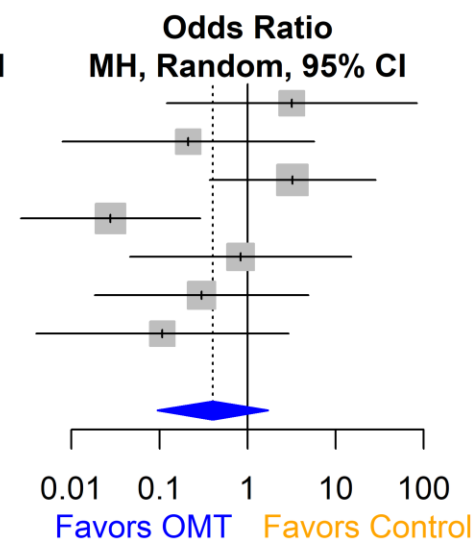
Supplementary Figure 6.

Study	Articular		Control		Weight	Odds Ratio MH, Random, 95% CI
	Events	Total	Events	Total		
Reid et al. 2008	1	17	0	17	22.0%	3.18 [0.12, 83.76]
Reid et al. 2015	6	56	1	28	50.0%	3.24 [0.37, 28.32]
Kendall et al. 2018	1	13	1	11	28.0%	0.83 [0.05, 15.09]
Total (95% CI)		86		56	100.0%	2.21 [0.48, 10.22]
Heterogeneity: $\text{Tau}^2 = 0$; $\text{Chi}^2 = 0.60$, $\text{df} = 2$ ($P = .74$); $I^2 = 0\%$						
Test for overall effect: $Z = 1.01$ ($P = .31$)						



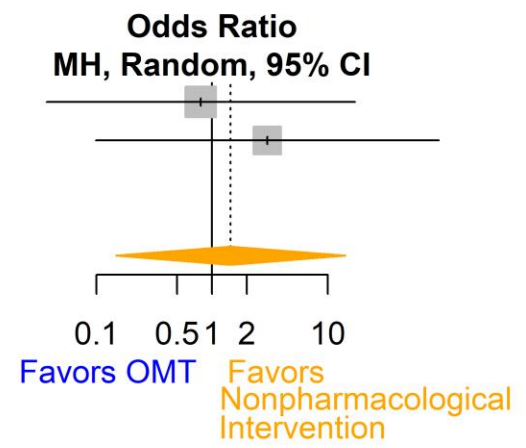
Supplementary Figure 7A.

Study	Any OMT		Control		Weight	Odds Ratio MH, Random, 95% CI
	Events	Total	Events	Total		
Reid et al. 2008	1	17	0	17	12.1%	3.18 [0.12, 83.76]
Sun et al. 2014	0	16	1	11	12.0%	0.21 [0.01, 5.71]
Reid et al. 2015	6	56	1	28	18.4%	3.24 [0.37, 28.32]
Papa et al. 2017	1	19	8	12	17.2%	0.03 [0.00, 0.29]
Kendall et al. 2018	1	13	1	11	13.9%	0.83 [0.05, 15.09]
Fraix et al. 2021 (a)	1	6	2	5	14.5%	0.30 [0.02, 4.91]
Fraix et al. 2021 (b)	0	6	2	5	11.9%	0.11 [0.00, 2.93]
Total (95% CI)		133		89	100.0%	0.40 [0.09, 1.71]
Heterogeneity: $\text{Tau}^2 = 1.7326$; $\text{Chi}^2 = 11.13$, $\text{df} = 6$ ($P = .08$); $I^2 = 46\%$						
Test for overall effect: $Z = -1.24$ ($P = .22$)						



Supplementary Figure 7B.

Study	OMT		Nonpharmacological Intervention		Weight	Odds Ratio MH, Random, 95% CI
	Events	Total	Events	Total		
DiFrancisco-Donoghue et al. 2016	1	6	1	5	55.3%	0.80 [0.04, 17.20]
Fraix et al. 2021 (a)	1	6	0	5	44.7%	3.00 [0.10, 90.96]
Fraix et al. 2021 (b)	0	6	0	5	0.0%	
Total (95% CI)		18		15	100.0%	1.44 [0.15, 14.14]
Heterogeneity: $\text{Tau}^2 = 0$; $\text{Chi}^2 = 0.32$, $\text{df} = 1$ ($P = .57$); $I^2 = 0\%$						
Test for overall effect: $Z = 0.32$ ($P = .75$)						



Supplementary Figure 7C.