Supplementary D: Sensitivity analysis, removal of graphed data

Study or Subgroup	FAIS Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.1.1 Peak Hip Flexion Angle in Stance								
Diamond et al, 2016	28.6	6.8	15	31.4	7.1	14	17.1%	-0.39 [-1.13, 0.34]
Hetsroni et al, 2015	32.3	6.3	15	34.4	6.1	30	22.7%	-0.33 [-0.96, 0.29]
Hunt et al, 2013	31.8	6.6	30	31.2	6.5	30	31.8%	0.09 [-0.42, 0.60]
Kumar et al, 2014	20.3	8.1	7	16.3	8.1	8	9.3%	0.46 [-0.57, 1.50]
Rylander et al, 2013	35.5	5.3	17	39	5.8	17	19.2%	-0.62 [-1.31, 0.07]
Subtotal (95% CI)			84			99	100.0%	-0.19 [-0.51, 0.14]

Heterogeneity: Tau² = 0.02; Chi² = 4.67, df = 4 (P = 0.32); I² = 14%
Test for overall effect: Z = 1.14 (P = 0.26)

Study or Subgroup	FAIS Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.1.2 Peak Hip Extension Angle in Stance								
Diamond et al, 2016	9.8	7	15	10.3	6	14	21.7%	-0.07 [-0.80, 0.65]
Hunt et al, 2013	7.4	6.7	30	12	7.2	30	42.5%	-0.65 [-1.17, -0.13]
Kumar et al, 2014	15.8	10.6	7	21.6	6.5	8	10.5%	-0.63 [-1.68, 0.42]
Rylander et al, 2013	4.5	6.6	17	5.1	6.6	17	25.4%	-0.09 [-0.76, 0.58]
Subtotal (95% CI)			69			69	100.0%	-0.38 [-0.72, -0.04]

Heterogeneity: Tau² = 0.00; Chi² = 2.67, df = 3 (P = 0.44); I² = 0%
Test for overall effect: Z = 2.21 (P = 0.03)

Study or Subgroup	FAIS Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.1.3 Peak Hip Adduction Angle in Stance								
Diamond et al, 2016	9.7	2	15	9.7	4.4	14	24.5%	0.00 [-0.73, 0.73]
Hunt et al, 2013	4.1	3.7	30	5.7	2.9	30	34.2%	-0.48 [-0.99, 0.04]
Kumar et al, 2014	7	3.3	7	4.6	1.5	8	14.6%	0.90 [-0.18, 1.99]
Rylander et al, 2013	11.1	5.6	17	11.2	4	17	26.7%	-0.02 [-0.69, 0.65]
Subtotal (95% CI)			69			69	100.0%	-0.04 [-0.52, 0.44]

Heterogeneity: Tau² = 0.11; Chi² = 5.47, df = 3 (P = 0.14); I² = 45%
Test for overall effect: Z = 0.15 (P = 0.88)

Study or Subgroup	FAIS Mean	SD	Total	Control Mean	SD	Total	Weight	Std. Mean Difference IV, Random, 95% CI
2.1.4 Peak Hip Abduction Angle in Stance								
Hetsroni et al, 2015	5.2	2.7	15	4.4	2.9	30	32.6%	0.28 [-0.35, 0.90]
Hunt et al, 2013	2	3	30	2.2	2.8	30	38.1%	-0.07 [-0.57, 0.44]
Rylander et al, 2013	-1.1	5	17	2.2	3.3	17	29.3%	-0.76 [-1.46, -0.06]
Subtotal (95% CI)			62			77	100.0%	-0.16 [-0.70, 0.38]

Heterogeneity: Tau² = 0.13; Chi² = 4.82, df = 2 (P = 0.09); I² = 59%
Test for overall effect: Z = 0.57 (P = 0.57)

Test for subgroup differences: Chi² = 1.52, df = 3 (P = 0.68), I² = 0%

Std. Mean Difference IV, Random, 95% CI — Less in FAIS / Less in Controls