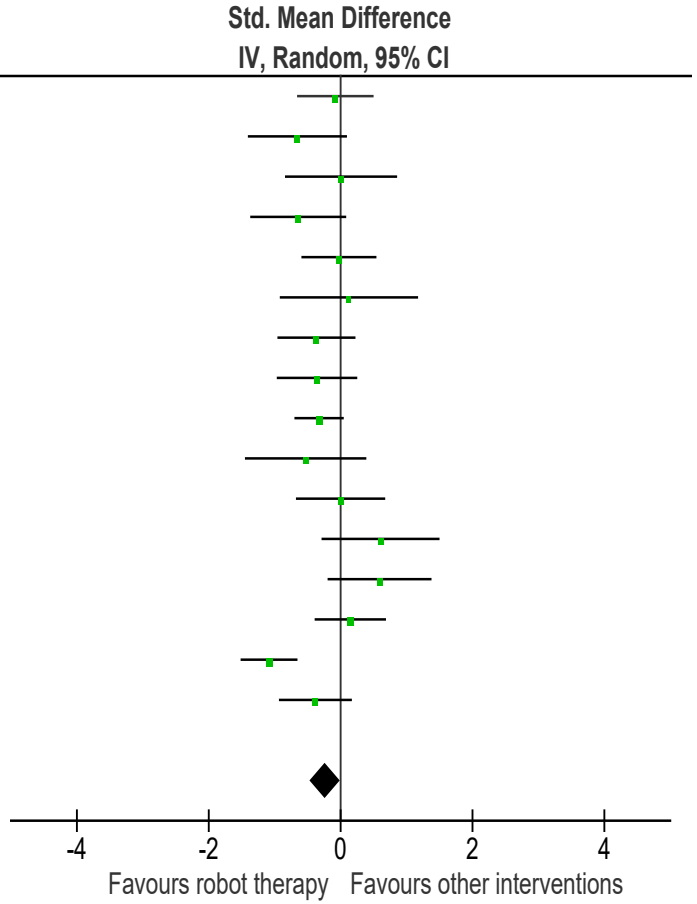
Figure 21: Spasticity (MAS, MAS total [different scale ranges], lower values are better, change scores) at end of intervention

	Robot arm training			Other interventions				Std. Mean Difference
Study or Subgroup	Mean	SD	Total	Mean	SD	Total	Weight	IV, Random, 95% CI
Burgar 2011	0.09	0.12	36	0.11	0.4	18	7.1%	-0.08 [-0.65, 0.49]
Fazekas 2007	-0.74	1	15	-0.1	0.9	15	5.4%	-0.65 [-1.39, 0.08]
Frisoli 2022	1.5	13.7	11	1.4	11.5	11	4.6%	0.01 [-0.83, 0.84]
Gandolfi 2019	3.62	3.48	16	6.56	5.26	16	5.6%	-0.64 [-1.36, 0.07]
Hesse 2014	0.1	3.6	25	0.2	4.1	25	7.2%	-0.03 [-0.58, 0.53]
Hwang 2012	1	0.7	9	0.9	0.8	6	3.4%	0.13 [-0.91, 1.16]
Kim 2021	-0.13	0.37	23	-0.013	0.25	24	6.9%	-0.37 [-0.94, 0.21]
Lee 2016	-0.4	0.5	22	-0.23	0.43	22	6.7%	-0.36 [-0.95, 0.24]
Lo 2010	-0.07	0.09	49	0.06	0.5	78	9.7%	-0.33 [-0.69, 0.03]
Lum 2006	-0.21	0.6	24	0.3	1.8	6	4.1%	-0.53 [-1.44, 0.38]
Masiero 2007	0.13	1.4	17	0.13	0.9	18	6.1%	0.00 [-0.66, 0.66]
Masiero 2011	0.83	0.28	11	0.5	0.7	10	4.3%	0.61 [-0.27, 1.49]
Ranzani 2020	0.07	2.37	14	-1.54	2.91	13	5.1%	0.59 [-0.18, 1.36]
Takahashi 2016	-0.1	2.26	30	-0.4	1.66	26	7.5%	0.15 [-0.38, 0.67]
Takebayashi 2022	-0.73	0.75	81	0.07	0.69	36	8.9%	-1.09 [-1.50, -0.67]
Taveggia 2016	-1.6	1.5	27	-1	1.6	27	7.4%	-0.38 [-0.92, 0.16]
Total (95% CI)			**410**			**351**	**100.0%**	**-0.23 [-0.46, -0.01]**

Heterogeneity: Tau² = 0.10; Chi² = 31.24, df = 15 (P = 0.008); I² = 52%
Test for overall effect: Z = 2.05 (P = 0.04)