

Table 2. Summary of the responsiveness and floor and ceiling effects of motor performance measures in stroke rehabilitation, n = 190

Measure	Admission, mean (SD) median (IQR)	Discharge, mean (SD) median (IQR)	ES	SRM	mES (median and Q3/7)	Number (%) participants that did not change	Floor effect, number (%)		Ceiling effect, number (%)	
							Admission	Discharge	Admission	Discharge
Step Test	0.65 (2.2) 0.00 (0.0)	4.94 (5.4) 3.00 (9.0)	1.99	0.88	0.36	87 (45.8)	166 (87.4)	87 (45.8)	N/A	N/A
Walking velocity (10mWT)	0.17m/s (0.3) 0.00m/s (0.3)	0.60m/s (0.5) 0.56m/s (1.0)	1.44	0.93	0.45	51 (26.8)	127 (66.8)	49 (25.8)	N/A	N/A
MAS 3; balanced sitting	3.0 (1.9) 3.0 (4.0)	4.4 (1.8) 5.0 (2.0)	0.72	0.71	0.50	58 (30.5)	19 (10.0)	4 (2.1)	22 (11.6)	65 (34.2)
MAS 4; sitting to standing	1.6 (1.7) 1.0 (2.0)	3.8 (2.4) 5.0 (5.0)	1.27	1.00	0.50	52 (27.4)	58 (30.5)	28 (14.7)	12 (6.8)	83 (43.7)
MAS 5; walking	0.96 (1.5) 0.00 (2.0)	3.1 (2.2) 4.0 (5.0)	1.43	1.10	0.50	61 (32.1)	115 (60.5)	48 (25.3)	3 (1.6)	35 (18.4)
MAS mobility: sum of items 3-5)	5.6 (4.0) 5.0 (6.0)	11.3 (5.7) 13.0 (9.0)	1.42	1.16	0.92	32 (16.8)	11 (5.8)	3 (1.6)	0 (0)	19 (10)

Abbreviations: SD – standard deviation, IQR – interquartile range, ES – Effect Size I, SRM – Standardised Response Mean, mES – median-based Effect Size, Q3/7 – 30th to 70th inter-percentile range, 10mWT – ten-metre walk test, MAS – Motor Assessment Scale, N/A = not applicable