

Table 3: Association of baseline characteristics with an improved StS movement time at follow-up for the always-able sub-group.

Characteristic	Baseline characteristics	Regression coefficient (95% CI)	p-value
Gender (male)	32 (62.8%)	0.58 (-0.72,1.90)	0.370
Age (years)	65.78 (13.74)	-0.01 (-0.06,0.03)	0.534
Time since stroke (days)	27.9 (17.94)	0.02 (-0.01,0.05)	0.188
Neglect	6 (11.8%)	2.40 (0.62,4.18)	0.010*
Hemiplegic side (right)	22 (43.1%)	-0.06 (-1.26,1.14)	0.917
Walking speed	0.37 (0.33)	1.22 (-0.49,2.93)	0.156
Modified Rivermead Mobility Index	34.28 (8.63)	0.03 (-0.04,0.10)	0.442
Forward position of centre of mass	259.11 (52.87)	-0.01 (-0.02,-0.00)	0.041*
Quads peak time (hemiplegic)	2.67 (1.79)	-0.39 (-0.71,-0.08)	0.015*
Quads peak time (non-hemiplegic)	2.80 (1.86)	-0.43(-0.72,-0.14)	0.004*
Hamstring peak time (hemiplegic)	2.56 (1.61)	-0.42 (-0.79,-0.04)	0.030*
Hamstring peak time (non-hemiplegic)	2.58 (1.5)	-0.61 (-0.99,-0.23)	0.003*
Quads onset (hemiplegic)	1.33 (1.06)	-0.18 (-0.73,0.37)	0.510
Quads onset (non-hemiplegic)	1.44 (1.26)	0.20 (-0.35,0.73)	0.444
Difference between quads peak	0.9 (1.16)	-0.75 (-1.15,-0.35)	0.001*
Difference between quads and ham peak times (hemiplegic)	0.62 (1.03)	-0.75 (-1.24,-0.27)	0.003*
Difference between quads and ham peak times (non-hemiplegic)	0.51 (0.76)	-0.75 (-1.24,-0.27)	0.003*
Time peak quads from seat-off (hemiplegic)	0.14 (1.57)	-0.43 (-1.16,0.30)	0.243
Time peak quads from seat-off (non-hemiplegic)	0.264 (1.384)	-0.46 (-0.9,-0.02)	0.042*
CoM at peak quads (hemiplegic)	202.31 (73.42)	0.00 (-0.01,0.00)	0.350
CoM at peak quads (non-hemiplegic)	211.37 (68.26)	-0.01 (-0.02,0.00)	0.164
Difference between quads onset and peak (hemiplegic)	1.39 (1.50)	0.46 (-0.08,1.01)	0.091
Difference between muscle onset and peak (non-hemiplegic)	1.37 (1.26)	0.77 (0.31,1.23)	0.002*
Time of peak trunk flexion (s)	2.67 (1.28)	-0.67 (-1.08,-0.26)	0.002*

*= significant at 0.05 level or below