

Table S1. Intra-rater reliability between test occasions 1 and 2, separately displayed for raters A, B and C for Fugl-Meyer Assessment of Upper Extremity (FMA-UE), subscale A

A. UPPER EXTREMITY	Rater A, n = 40			Rater B, n = 38			Rater C, n = 38		
	PA (%)	RP (95% CI)	RC (95% CI)	PA (%)	RP (95% CI)	RC (95% CI)	PA (%)	RP (95% CI)	RC (95% CI)
I. Reflex activity									
Flexors and extensors	100	0	-	100	0	-	100	0	-
II. Within synergies									
Shoulder retraction	85	-0.04 -0.11;0.03	-0.04 -0.18;0.10	94	0	0	83	0.03 -0.06;0.12	0.10 ^b -0.04;0.24
Shoulder elevation	87	-0.05 -0.12;0.03	0.03 -0.09;0.15	94	0	0	89	0.04 -0.03;0.12	0.06 -0.07;0.19
Shoulder abduction	85	0	-0.05 -0.19;0.09	94	0.02 -0.04;0.07	-0.05 -0.13;0.03	92	0.02 -0.03;0.08	-0.02 -0.12;0.08
Shoulder external rotation	87	-0.04 -0.09;0.01	-0.04 -0.17;0.09	94	0.02 -0.04;0.07	-0.05 -0.13;0.03	94	0	0
Elbow flexion	95	-0.05 -0.11;0.02	0.04 -0.02;0.09	97	0.03 -0.03;0.08	0	97	0.03 -0.02;0.07	-0.02 -0.06;0.02
Forearm supination	79	0.08 -0.03;0.19	-0.02 -0.12;0.09	82	0.08 -0.03;0.18	0.05 -0.06;0.16	89	0.03 -0.05;0.10	0.07 -0.03;0.17
Adduction/internal rotation	95	-0.02 -0.06;0.03	0.05 -0.02;0.13	85	0.05 -0.06;0.15	-0.07 -0.19;0.04	89	0.05 -0.04;0.14	-0.06 -0.17;0.07
Elbow extension	97	0	0.03 -0.03;0.09	85	0.07 -0.02;0.16	-0.16^a -0.28;-0.03	94	0.05 -0.02;0.11	-0.05 -0.12;0.02
Forearm pronation	95	-0.02 -0.06;0.03	0.05 -0.02;0.13	82	0.10 ^b -0.003;0.19	-0.19^a -0.32;-0.05	89	0.05 -0.04;0.14	-0.06 -0.17;0.07
SUM A II, range 0-18p	63	0.02 -0.03;0.07	-0.07 -0.16;0.02	66	0.06 -0.01;0.11	0	64	0.06 0.01;0.11	0
SUM A II, 1 point	85			74			76		
III. Mixed synergies									
Hand to lumbar spine	97	0	0	100	0	0	92	0.05 -0.01; 0.12	0
Shoulder flexion 0-90°	82	0.14^a 0.04;0.24	-0.10 ^b -0.24;0.04	85	0.10 ^b -0.01;0.20	-0.10 ^b -0.22;0.02	97	0.03 -0.02;0.07	-0.02 -0.06;0.02
Pronation-supination	87	-0.02 -0.12; 0.07	0.02 -0.06; 0.10	97	-0.03 -0.08;0.02	0.02 -0.02;0.06	92	-0.02 -0.11;0.06	0.02 -0.05;0.09
SUM A III, range 0-6p	77	0.07 -0.02; 0.16	-0.03 -0.14; 0.08	82	0.09 -0.01;0.18	-0.14 -0.25;-0.03	86	0.03 -0.06;0.11	0
IV. Little or no synergies									
Shoulder abduction 0-90°	87	-0.02 -0.12;0.08	0	88	0	0	89	-0.07 -0.15;0.02	0.09 -0.01;0.19
Shoulder flexion 90-180°	82	0.10 ^b -0.01;0.20	-0.04 -0.16;0.07	88	-0.05 -0.15;0.05	0.03 -0.04;0.10	92	-0.07 -0.15;0.01	0.06 -0.01;0.13
Pronation-supination	87	-0.02 -0.10;0.06	0.02 -0.09;0.12	79	-0.04 -0.16;0.08	-0.06 -0.17; 0.05	92	0 -0.17;0.05	-0.03 -0.11;0.04
SUM A IV, range 0-6	72	0.05 -0.03;0.13	-0.12^a -0.24;-0.01	68	-0.05 -0.16;0.05	0.03 -0.10;0.15	89	-0.06 -0.14;0.02	0
V. Normal reflex activity									
Biceps, triceps, finger flexors	90	0.10^a 0.01;0.20	0	82	0	-0.04 -0.11;0.04	89	0	0
SUM A, range 0-36p	48	0.06 ^c 0.01;0.11	-0.07 -0.16;0.02	55	0.03 -0.02;0.08	0	59	0	0.03 -0.06;0.12
SUM A. 1 point	73			63			71		
SUM A. 2 points	75			71			79		

^aStatistically significant disagreement (absolute value of RP/RC ≥ 0.1 and 95% CI does not include 0), marked in bold.

^bTendency towards a non-negligible disagreement (absolute value of RP/RC ≥ 0.1 and asymmetrical 95% CI approximately 0);

^cStatistically significant but negligible disagreement (absolute RP/RC < 0.1 and 95% CI does not include 0)

^dNegligible statistically not significant disagreement (absolute RP/RC ≥ 0.1 and symmetrical 95% CI approximately 0); Absolute values of RP/RC ≤ 0.01 are signed value 0. No disagreements in RP, RC.

95% CI: 95% confidence interval; PA: percentage of agreement, RP: relative position; RC: relative concentration.