

Supplementary Table 1. Agreement between test occasion 1 and 2 separately calculated for rater A and B (intra-rater agreement)

Test items	Rater A, Test occasion 1 vs. 2				Rater B, Test occasion 1 vs. 2			
	PA %	RP	RC	RV	PA %	RP	RC	RV
A. UPPER EXTREMITY								
I. Reflex activity								
Flexors	100				100			
Extensors	100				90	≥0.1		
II. Movement within synergies								
Flexor synergy, retraction	60	≥0.1			80	≥0.1	≥0.1	
Flexor synergy, elevation	70	≥0.1*	≥0.1		90			
Flexor synergy, abduction (90°)	70				90			
Flexor synergy, external rotation	80	≥0.1	≥0.1		100			
Flexor synergy, elbow flexion	80	≥0.1			80		≥0.1	
Flexor synergy, forearm supination	90		≥0.1		90			
Extensor synergy, adduction/rotation	90		≥0.1		90		≥0.1	
Extensor synergy, elbow extension	90				100			
Extensor synergy, forearm pronation	90		≥0.1		90		≥0.1	
III. Movement in mixed synergies								
Hand to lumbar spine	100				80	≥0.1	≥0.1	
Shoulder flexion 0° - 90°	90				100			
Pronation-supination	100				100			
IV. Movement with little or no synergy								
Shoulder abduction 0 - 90°	90				100			
Shoulder flexion 90°-180°	90				100			
Pronation-supination	90		≥0.1		90			
V. Normal reflex activity								
Biceps, triceps, flexor fingers	90	≥0.1			90	≥0.1		
B. WRIST								
Stability at 15° dorsiflexion	90		≥0.1		90		≥0.1	
Repeated dorsiflexion/volar flexion	90				100			
Stability at 15° dorsiflexion	100				100			
Repeated dorsiflexion/volar flexion	80	≥0.1	≥0.1		100			
Circumduction	70				90			
C. HAND								
Mass flexion	100				100			
Mass extension	100				100			
Hook grasp	100				90			
Thumb adduction	100				100			
Pincer grasp, opposition	90		≥0.1		90		≥0.1	
Cylinder grasp	90		≥0.1		90		≥0.1	
Spherical grasp	100				100			
D. COORDINATION/SPEED								
Tremor	80	≥0.1			80			≥0.1
Dysmetria	90				70	≥0.1		
Time	40	≥0.1*		≥0.1	40	≥0.1	≥0.1*	≥0.1
E. LOWER EXTREMITY								
I. Reflex activity								
Flexors	100				100			
Extensors	100				100			
II. Movement in synergies								
Flexor synergy, hip flexion	90	≥0.1			90	≥0.1		
Flexor synergy, knee flexion	80	≥0.1	≥0.1*		90		≥0.1	
Flexor synergy, dorsal flexion	90		≥0.1		80			
Extensor synergy, hip extension	90	≥0.1			90		≥0.1*	
Extensor synergy, hip adduction	90	≥0.1			90		≥0.1*	
Extensor synergy, knee extension	90	≥0.1			90		≥0.1*	
Extensor synergy, plantar flexion	90		≥0.1		80			

III. Synergies in mixture of volitional movement

Knee flexion	90	90
Ankle dorsiflexion	100	90

IV. Movement with little or no synergy

Knee flexion to 90°	80	≥0.1	90	
Ankle dorsiflexion	90	≥0.1	80	≥0.1

V. Normal reflex activity

Knee flexors, Achilles patellar tendon	90	≥0.1	90	≥0.1
--	----	------	----	------

F. COORDINATION/SPEED

Tremor	70	≥0.1	50	≥0.1
Dysmetria	70	≥0.1	60	
Time	70	≥0.1	70	≥0.1
				≥0.1*

Abbreviations: vs., versus; RP, relative position (systematic disagreement); RC, relative concentration (systematic disagreement); RV, relative variance (random variance); ≥0.1; disagreement but statistically non-significant; ≥0.1*; statistically significant disagreement; The PA values smaller than 70 and statistically significant disagreements are in bold