

Additional file 5 : Overview of studies that report on reliability assessment

	<i>Construct measured</i>	<i>Type</i>	<i>ICCs/Correlation</i>	<i>SEM, SDC or LoA</i>
Butler, 2012 (53)	-Movement time -Index of curvature during reach -Number of movement units during the Reach & Gasp cycle -Angular velocity of elbow extension -Ratio of the peak velocity during two phases -Peadiatric Upper Limb Motion Index (PULMI)	Intra-session reliability	Correlation all variables between two trials in dyskinetic CP rho=0.70-0.96, p<0.001	Not reported
Kawamura, 2012 (61)	-Kinematic dystonia measure	Test-retest reliability (30 minutes later on the same day)	Hand-tapping task: ICC=0.95 (95% CI: 0.82, 0.99) Eye blinking task: ICC=0.74 (95% CI:0.03, 0.93) (due to one outlier) after removal: ICC=0.96 (95% CI:0.82, 0.99)	Hand-tapping task: LoA: ±80 degree Eye blinking task: ±250 degree (due to one outlier)
Legros, 2004 (62)	-Area under the curve of acceleration power spectrum during rest and posture	Test-retest reliability	Correlation between first and second recording for rest and posture rho=0.97, p<0.05	Not reported
Nwaobi, 1987 (66)	-Movement time	Intra-session reliability Test-retest reliability	Statistics not adequately reported	Not reported

ICCs= intraclass correlation coefficients; SEM= Standard error of measurement; SDC= smallest detectable difference; LoA= limits of agreement