

Additional file 5: Overview of moderated regression of bimanual parameters between MACS_levels in children with uCP

Bimanual parameters	Model summary	Interaction								MACS-levels						Age	
		Main effect	X1 * age		X2 * age		X3 * age		X1 (I vs. II)		X2 (I vs. III)		X3 (II vs. III)				
	P																
	p (R ²)	(R ² change)	B (t)	p	B (t)	p	B (t)	p	B (t)	p	B (t)	p	B (t)	p	B (t)	p	
BOB – Level 1: Hand path length bias	0.05 (0.26)	0.37 (0.15)	-0.001 (-0.17)	0.87	0.05 (1.40)	0.17	0.05 (1.41)	0.16	0.07 (0.68)	0.50	-0.64 (-1.26)	0.21	-0.71 (-1.38)	0.18	-0.01 (-2.01)	0.05	
BOB – Level 2: Hand path length bias	0.27 (0.27)	0.37 (0.23)	0.00 (-0.04)	0.97	0.06 (1.43)	0.16	0.06 (1.43)	0.16	0.02 (0.42)	0.67	-0.78 (-1.43)	0.16	-0.81 (-1.47)	0.15	-0.003 (-1.34)	0.19	
OH: Movement area bias	0.02 (0.27)	0.01 (0.16)	-0.002 (-0.35)	0.73	-0.04 (-3.13)	0.003	-0.04 (-2.94)	0.01	0.02 (0.22)	0.82	0.53 (2.84)	0.01	0.51 (2.70)	0.01	0.001 (0.38)	0.71	

MACS = manual ability level, uCP = unilateral cerebral palsy, BOB = Ball-on-bar task, OH = object-hit task, p = p-value, R² = effect size, B = coefficient, t = t-value, bold = significance ≤0.05