Supplementary Materials

Table S1. Descriptive results of manual dexterity measures; Focal Hand Dystonia (n = 12) and No Dystonia (n = 12).

QuickDASH	Distonía (n = 12)	No distonía (n = 12)
	24.03 ± 23	3.18 ± 4.36
Jebsen Taylor Test of Hand Function		
JTTHF_1_D, *mediana (q1–q3)*	19.93 (13.04–44.88)	10.08 (9.50–12.83)
JTTHF_1_ND, *media (DE))*	38.31 (16.33)	30.08 (12.50)
JTTHF_2_D, *mediana (q1–q3)*	5.04 (4.31–6.97)	3.67 (3.39–4.09)
JTTHF_2_ND, *mediana (q1–q3)*	5 (3.85–6.17)	4.07 (3.63–4.65)
JTTHF_3_D, *media (DE)*	6,63 (1.24)	6.67 (2.32)
JTTHF_3_ND, *mediana (q1–q3)*	6.91 (6.25–7.79)	5.99 (5.83–6.58)
JTTHF_4_D, *mediana (q1–q3)*	7,28 (5,79–15,05)	7 (5.12–9.78)
JTTHF_4_ND, *media (DE)*	9.96 (1.69)	10.22 (3.98)
JTTHF_5_D, *mediana (q1–q3)*	2.65 (1.84–5.32)	1.94 (1.55–2.30)
JTTHF_5_ND, *mediana (q1–q3)*	2.92 (2.42–4.53)	2.19 (1.74–3.07)
JTTHF_6_D, *mediana (q1–q3)*	3.88 (3.41–5.10)	3.26 (2.67–3.57)
JTTHF_6_ND, *mediana (q1–q3)*	4.07 (3.54–4.46)	3.50 (3.22–3.91)
JTTHF_7_D, *mediana (q1–q3)*	3.44 (3.08–4.61)	3.38 (2.71–3.71)
JTTHF_7_ND, *mediana (q1–q3)*	3.65 (3.30–4.22)	3.52 (2.90–4.04)

NOTE**:** JTTHF_1_D: Jebsen-Taylor Hand Function Test, dominant side writing; JTTHF_1_ND: Jebsen-Taylor Hand Function Test non-dominant side writing; JTTHF_2_D: Jebsen-Taylor Hand Function Test, pass leaves dominant side; JTTHF_2_ND: Jebsen-Taylor Hand Function Test, pass leaves non-dominant side; JTTHF_3_D: Jebsen-Taylor Hand Function Test, small objects dominant side; JTTHF_3_ND: Jebsen-Taylor Hand Function Test, small objects non-dominant side; JTTHF_4_D: Jebsen-Taylor Hand Function Test, similar power supply dominant side; JTTHF_4_ND: Jebsen-Taylor Hand Function Test similar power supply non-dominant side; JTTHF_5_D: Jebsen-Taylor Hand Function Test, stacking chips on dominant side; JTTHF_5_ND: Jebsen-Taylor Hand Function Test, stacking chips on non-dominant side; JTTHF_6_D: Jebsen-Taylor Hand Function Test, move light objects dominant side; JTTHF_6_ND: Jebsen-Taylor Hand Function Test, move light objects non-dominant side; JTTHF_7_D: Jebsen-Taylor Hand Function Test, move heavy objects dominant side; JTTHF_7_ND: Jebsen-Taylor Hand Function Test, move heavy objects non–dominant side.

Table S2. correlations between different personality profiles, functionality of the upper limb and the perception of participation in activities of daily living.

	BFQ Extraversion	BFQ Agreeableness	BFQ Conscientiousness	BFQ_ Emotional Stability	BFQ_ Openness	QuickDASH
JTHFT_1_ND	r = −.122 p = 0,544	r= −0.189 p = 0.344	r = 0.058 p = 0.774	r = −0.418 p = 0.030	r = −0.319 p = 0.104	r = 0.598 p = 0.001
JTHFT_1_D	r = −0,191 p = 0,340	r= −0.241 p = 0.226	r = −0.016 p = 0.938	r = −,374 p = 0.054	r = −0.424 p = 0.028	r = 0.557 p = 0.003
JTHFT_2_ND	r = −0.200 p = 0.318	r= −0.477 p = 0.012	r = −0,300 p = 0.129	r = −0.284 p = 0.151	r = −0.315 p = 0.109	r = 0.258 p = 0.194
JTHFT_2_D	r = −0.161 p = 0.421	r= −0.405 p = 0.036	r = −0.185 p = 0.355	r = −0.261 p = 0.189	r = −0.211 p = 0.292	r = 0.298 p = 0.132
JTHFT_3_ND	r = −0.024 p = 0.904	r= −0.447 p = 0.019	r = −0.017 p = 0.935	r = −0.413 p = 0.032	r = −0.075 p = 0.708	r = 0.391 p = 0.044
JTHFT_3_D	r = 0.165 p = 0.409	r= −0.230 p = 0.249	r = 0.177 p = 0.377	r = −0.046 p = 0.821	r = 0.324 p = 0.099	r = 0.073 p = 0.716
JTHFT_4_ND	r = −0.363 p = 0.063	r = −0.243 p = 0.222	r = −0.315 p = 0.109	r = 0.087 p = 0.666	r = −0.243 p = 0.222	r= −0.034 p = 0.867
JTHFT_4_D	r = −0.141 p = 0.483	r = −0.229 p = 0.252	r = −0.373 p = 0.055	r = −0.038 p = 0.851	r = −0.185 p = 0.356	r = −0.061 p = 0.761
JTHFT_5_ND	r = −0.018 p = 0.928	r = −0.201 p = 0.315	r = 0.155 p = 0.439	r = −0.248 p = 0.212	r = −0.023 p = 0.909	r = 0.201 p = 0.316
JTHFT_5_D	r = − 0.217 p = 0.278	r = −0.215 p = 0.282	r = 0.207 p = 0.300	r = −0.118 p = 0.557	r = 0.129 p = 0.521	r = 0.377 p = 0.052
JTHFT_6_ND	r = −0.310 p = 0.115	r = −0.076 p = 0.705	r= −0.224 p = 0.261	r = −0.386 p = 0.047	r = 0.010 p = 0.962	r = 0.305 p = 0.122
JTHFT_6_D	r = −0.296 p = 0.134	r = −0.268 p = 0.176	r= −0.029 p = 0.886	r = −0.279 p = 0.159	r = −0.045 p = 0.822	r = 0.446 p = 0.020
JTHFT_7_ND	r = −0.302 p = 0.126	r = −0.180 p = 0.369	r = 0.022 p = 0.912	r = −0.246 p = 0.216	r = 0.106 p = 0.598	r = 0.215 p = 0.282
JTHFT_7_D	r = −0.308 p = 0.118	r = −0.297 p = 0.133	r = −0.010 p = 0.959	r = −0.331 p = 0.091	r = 0.025 p = 0.903	r = 0.263 p = 0.184

NOTE**:** JTTHF_1_D: Jebsen-Taylor Hand Function Test, dominant side writing; JTTHF_1_ND: Jebsen-Taylor Hand Function Test non-dominant side writing; JTTHF_2_D: Jebsen-Taylor Hand Function Test, pass leaves dominant side; JTTHF_2_ND: Jebsen-Taylor Hand Function Test, pass leaves non-dominant side; JTTHF_3_D: Jebsen-Taylor Hand Function Test, small objects dominant side; JTTHF_3_ND: Jebsen-Taylor Hand Function Test, small objects non-dominant side; JTTHF_4_D: Jebsen-Taylor Hand Function Test, similar power supply dominant side; JTTHF_4_ND: Jebsen-Taylor Hand Function Test similar power supply non-dominant side; JTTHF_5_D: Jebsen-Taylor Hand Function Test, stacking chips on dominant side; JTTHF_5_ND: Jebsen-Taylor Hand Function Test, stacking chips on non-dominant side; JTTHF_6_D: Jebsen-Taylor Hand Function Test, move light objects dominant side; JTTHF_6_ND: Jebsen-Taylor Hand Function Test, move light objects non-dominant side; JTTHF_7_D: Jebsen-Taylor Hand Function Test, move heavy objects dominant side; JTTHF_7_ND: Jebsen-Taylor Hand Function Test, move heavy objects non-dominant side.