

Supplementary Table 2. Characteristics of HD patients according to the SF staging

	Stage I (n = 18)	Stage II (n = 14)	Stage III (n = 14)	Stage IV-V (n = 19)	p value
Age, yr	55.9 ± 12.9	54.6 ± 13.5	58.1 ± 13.0	56.6 ± 11.9	0.912
Sex					
Male	6 (33.3)	9 (64.3)	1 (7.1)	6 (31.6)	0.017
Female	12 (66.7)	5 (35.7)	13 (92.9)	13 (68.4)	
Onset age, yr	51.2 ± 10.0	49.8 ± 13.8	51.0 ± 2.8	45.8 ± 13.3	0.658
Disease duration, yr	6.6 ± 4.6	9.1 ± 9.8	7.1 ± 2.9	10.5 ± 6.9	0.332
CAG repeat length	41.7 ± 1.6	43.0 ± 4.30	43.3 ± 2.5	44.1 ± 6.1	0.414
Presence of family history	16 (88.9)	9 (64.3)	12 (85.7)	13 (68.4)	0.548
MoCA	21.0 ± 6.6	19.3 ± 5.7	9.8 ± 6.4	9.1 ± 44.8	< 0.001
MMSE	24.9 ± 5.0	24.8 ± 3.1	16.3 ± 6.6	16.0 ± 6.0	< 0.001
BDI	12.4 ± 13.9	13.1 ± 12.5	18.6 ± 13.0	23.1 ± 13.6	0.131
GDepS	6.1 ± 7.0	8.3 ± 6.2	10.7 ± 6.5	19.0 ± 6.3	0.001
NPI	7 ± 12.3	15.5 ± 15.8	18.3 ± 19.2	21.3 ± 15.0	0.015
UHDRS Part I (Motor assessment)	21.6 ± 16.3	30.6 ± 10.5	47.7 ± 18.1	66.4 ± 25.8	< 0.001
UHDRS Part IV-A (Functional assessment)	18.9 ± 6.8	19.3 ± 1.8	10.1 ± 5.6	2.7 ± 3.9	< 0.001
UHDRS Part IV-B (Independence scale)	92.8 ± 11.3	85.7 ± 10.2	60.0 ± 11.1	35.3 ± 20.7	< 0.001
UHDRS Part IV-C (Functional capacity)	12.2 ± 0.9	9.2 ± 0.8	4.4 ± 1.2	0.8 ± 0.9	< 0.001
ZBI-12 (Caregiver n = 45)	19.3 ± 10.3	23.8 ± 7.6	25.0 ± 10.4	31.8 ± 8.6	0.038

Data are shown as the mean ± standard deviation or number (percentage).

HD, Huntington's disease; SF, Shoulson and Fahn; CAG, cytosine-adenine-guanine; MoCA, Montreal Cognitive Assessment; MMSE, Mini-Mental State Examination; BDI, Beck Depression Inventory; GDepS, Geriatric Depression Scale; NPI, Neuropsychiatric Inventory; UHDRS, Unified Huntington's Disease Rating Scale; ZBI-12, 12-item Zarit Burden Interview.