

Supplementary Table 3. The associations of the clinical characteristics with the occurrence of levodopa-induced dyskinesia (analyses adjusting initial motor subscores)

	Univariate		Multivariate (all variables)		Multivariate (selected variables)	
	Unadjusted HR (95% CI)	p-value	Adjusted HR (95% CI)	p-value	Adjusted HR (95% CI)	p-value
Depression	1.07 (0.34–3.41)	0.903	1.89 (0.34–10.66)	0.471		
Female sex	3.67 (0.83–16.32)	0.088	9.58 (1.16–79.00)	0.036	15.11 (1.60–143.13)	0.018
Age at onset of PD	0.98 (0.93–1.04)	0.544	0.97 (0.88–1.07)	0.563		
Duration of PD	1.02 (0.96–1.09)	0.532	0.98 (0.88–1.09)	0.649		
Initial chief complaint – tremor	0.75 (0.26–2.14)	0.590	1.27 (0.23–6.89)	0.785		
Initial H-Y stage	9.99 (1.60–62.46)	0.014	7.55 (0.35–161.86)	0.196	1.94 (0.26–14.20)	0.515
Initial motor subscores						
Bradykinesia	1.37 (1.11–1.70)	0.003	1.44 (1.08–1.92)	0.012	1.46 (1.11–1.92)	0.007
Rigidity	1.25 (1.00–1.55)	0.047	0.80 (0.51–1.26)	0.337	0.89 (0.62–1.27)	0.515
Tremor	1.03 (0.83–1.28)	0.762	1.13 (0.80–1.60)	0.482		
Cognitive impairment						
Attention	2.74 (0.58–12.92)	0.203	0.58 (0.05–7.49)	0.680		
Language	1.82 (0.40–8.39)	0.440	1.38 (0.13–14.75)	0.792		
Visuospatial	3.74 (1.09–12.84)	0.036	8.90 (0.81–97.89)	0.074	4.14 (1.13–15.14)	0.032
Memory	1.17 (0.32–4.32)	0.818	0.11 (0.01–2.34)	0.157	0.63 (0.13–3.04)	0.565
Frontal and executive	1.07 (0.23–4.98)	0.933	5.47 (0.22–136.47)	0.301		
LEDD	1.000 (0.999–1.002)	0.691	1.000 (0.995–1.005)	0.991		

PD, Parkinson's disease; H-Y, Hoehn and Yahr scale; LEDD, levodopa equivalent daily dose; HR, hazard ratio; CI, confidence interval.