

Supplementary Table 6. The associations of the clinical characteristics with the occurrence of wearing-off (analyses adjusting daily levodopa dose)

	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	1.55 (0.61–3.91)	0.356	2.53 (0.95–6.74)	0.063	1.64 (0.61–4.41)	0.325
Female sex	0.79 (0.32–1.94)	0.600	1.02 (0.32–3.28)	0.970		
Age at onset of PD	0.94 (0.90–0.99)	0.024	0.97 (0.91–1.03)	0.351	0.95 (0.90–1.00)	0.040
Duration of PD	1.04 (0.98–1.09)	0.182	1.00 (0.92–1.08)	0.946	1.03 (0.98–1.09)	0.234
Initial chief complaint – tremor	0.40 (0.15–1.04)	0.061	0.38 (0.13–1.12)	0.079	0.44 (0.17–1.16)	0.098
Initial H-Y stage	0.97 (0.37–2.54)	0.952	1.36 (0.36–5.18)	0.651		
Initial motor scores	0.96 (0.88–1.05)	0.344	0.91 (0.79–1.05)	0.197	0.94 (0.85–1.03)	0.175
Cognitive impairment						
Attention	1.51 (0.34–6.70)	0.591	1.39 (0.23–8.45)	0.724		
Language	0.66 (0.09–5.01)	0.687	0.54 (0.06–5.23)	0.592		
Visuospatial	1.34 (0.38–4.74)	0.647	2.50 (0.48–13.13)	0.278		
Memory	0.98 (0.32–3.01)	0.968	0.52 (0.11–2.56)	0.424		
Frontal and executive	0.61 (0.14–2.70)	0.514	1.23 (0.15–9.75)	0.848		
Daily levodopa dose	0.999 (0.997–1.002)	0.669	1.000 (0.997–1.004)	0.825		

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