

**Table S4. Adjusted odds ratios for persistent motor deterioration (adjusted for age, sex, PD duration, modified H-Y stage, dementia and history of psychosis).**

	B	Odds ratio [95% CI]	P
Delirium (yes vs. no)	2.36	10.60 [2.06–54.51]	0.005
Peak body temperature (per one °C)	1.02	2.78 [1.10–7.03]	0.032
Sex (male vs. female)	1.06	2.88 [0.46–18.14]	0.259
Age (at time of systemic inflammation) (per one year)	- 0.05	0.95 [0.85–1.07]	0.390
PD duration (per one year)	- 0.19	0.83 [0.70–0.98]	0.028
Modified H-Y stage (4 vs. 2.5–3 vs. 2)	1.06	2.88 [0.51–16.29]	0.231
Dementia (yes vs. no)	- 0.95	0.39 [0.06–2.42]	0.308
History of psychosis (yes vs. no)	2.25	9.44 [0.81–110.04]	0.073