

Supplementary Table 1. Cox regression analyses for dementia conversion in PD tertile groups according to motor reserve

Factors	Hazard ratio (95% CI)	p-value
Group		0.058
PD-MR-lowest vs. PD-MR-highest	3.598 (1.256–10.308)	0.017
PD-MR-middle vs. PD-MR-highest	2.886 (0.986–8.446)	0.053
PD-MR-lowest vs. PD-MR-middle	1.247 (0.609–2.554)	0.546
Age at PD onset (yr)	1.069 (1.016–1.124)	0.011
Sex (female vs. male)	1.020 (0.453–2.299)	0.961
ln (DAT availability in posterior putamen)	0.433 (0.163–1.147)	0.092
Education	1.088 (0.999–1.185)	0.053
K-MMSE	0.792 (0.719–0.873)	< 0.001

PD, Parkinson's disease; DAT, dopamine transporter; K-MMSE, the Korean version of the Mini-Mental State Examination; PD-MR-lowest, the lowest tertile PD group according to motor reserve estimate; PD-MR-middle, the middle tertile PD group according to motor reserve estimate; PD-MD-highest, the highest tertile PD group according to motor reserve estimate; CI, confidence interval.