

**Supplementary Material S8.** Descriptive statistics of the Parkinson's Disease-Mild Cognitive Impairment subgroup ( $n= 82$ ) based on the Alzheimer's disease-type criteria (i.e., amnesic/nonamnesic and single/multiple domains).

Variable	aMCI single domain ( $n= 0$ )	naMCI single domain ( $n= 0$ )	aMCI multiple domains ( $n= 35$ )	naMCI multiple domains ( $n= 47$ )
<i>Demographics</i>				
Age, years	-	-	65.97 ± 8.99	67.06 ± 8.21
Education, years	-	-	9.60 ± 4.07	9.40 ± 4.59
Sex, male	-	-	23 (65.70%)	21 (44.70%)
<i>Clinical features</i>				
Disease duration, years	-	-	1.53 ± 0.96	1.24 ± 0.52
UPDRS-III	-	-	25.89 ± 7.77	23.61 ± 10.27
Modified HY stage	-	-	1.93 ± 0.51	1.84 ± 0.49
<i>Cognitive assessment<sup>a</sup></i>				
<i>Attention and working memory</i>				
TMT part A	-	-	45.84 ± 26.43	41.19 ± 26.81
Digit span backward	-	-	3.10 ± 0.89	3.94 ± 3.73
<i>Executive functions</i>				
MCST-n. of categories	-	-	2.77 ± 1.81	2.21 ± 1.36
Letter fluency task	-	-	23.50 ± 7.50	25.43 ± 10.45
TMT part B	-	-	1.88 ± 109.80	148.62 ± 119.00
<i>Visuospatial abilities</i>				
Copying drawings	-	-	10.04 ± 2.17	10.12 ± 2.24
JOL	-	-	19.30 ± 6.32	19.38 ± 3.75
<i>Language</i>				
Nouns denomination task	-	-	9.85 ± 0.36	9.78 ± 5.12
Verbs denomination task	-	-	8.88 ± 1.31	9.11 ± 1.19
<i>Memory</i>				
Prose Recall Test	-	-	7.89 ± 3.08	10.75 ± 2.74
RAVLT-Free Recall	-	-	2.58 ± 1.83	8.18 ± 1.95
RAVLT-Intrusions	-	-	1.19 ± 1.92	1.14 ± 1.70
RAVLT-Recognition Enhancement	-	-	4.85 ± 5.16	4.38 ± 2.74

---

*Behavioural measures*

Beck Depression Inventory	-	-	9.40 ± 9.63	6.30 ± 5.59
Parkinson Anxiety Scale	-	-	10.60 ± 11.09	9.17 ± 6.73
Apathy Evaluation Scale	-	-	32.23 ± 9.31	30.70 ± 7.21
PD-Sleep Scale	-	-	114.72 ± 27.85	126.80 ± 13.70
Epworth Sleepiness Scale	-	-	4.20 ± 3.55	3.64 ± 3.27
Parkinson Fatigue Scale	-	-	2.12 ± 1.07	2.02 ± 1.01

*Quality of life*

PDQ-39	-	-	19.58 ± 15.42	16.39 ± 10.81
--------	---	---	---------------	---------------

---

Note. Data were reported as mean ± standard deviation or count (percentage); aMCI, amnesic Mild Cognitive Impairment; naMCI, nonamnesic Mild Cognitive Impairment; HY, Hoehn and Yahr; UPDRS, Unified Parkinson's Disease Rating Scale; TMT, Trail Making Test; MCST (Nelson's modification), Modified Card Sorting Test; JOL, Judgement of line orientation test; RAVLT, Rey's Auditory Verbal Learning Test; PDQ-39, 39-item Parkinson's disease questionnaire; a, age-, education- and sex-adjusted scores.