

Supplementary Table 1: Demographic and Clinical Characteristics of Groups Determined with Latent Class Analysis

	Intact	Amnesic	Mixed impairment	Significance test	Group comparisons
Age	70.21 (7.16)	70.39 (8.13)	71.54 (6.72)	F(2,196) = 0.34, ns	N/a
Education	16.35 (2.26)	16.06 (2.50)	16.42 (2.40)	F(2,196) = 0.37, ns	N/a
Sex (% male)	59.6%	78.1%	69.2%	$\chi^2(2) = 6.30, p = 0.04$	Amnesic > intact, p = 0.01
Disease Duration	5.98 (4.08)	7.11 (5.86)	8.85 (6.55)	F(2,196) = 3.63, p = 0.02	Mixed > intact, p = 0.02
Hoehn & Yahr	2.20 (0.53)	2.53 (0.62)	2.56 (0.91)	F(2,192) = 7.47, p = 0.001	Amnesic > intact, p < 0.01 Mixed impairment > intact, p = 0.03
UPDRS-III	20.57 (10.70)	24.80 (11.65)	26.12 (12.03)	F(2,193) = 4.25, p = 0.02	Amnesic > intact, p = 0.01 Mixed impairment > intact, p = 0.06
PD subtype (% PIGD)	57.0%	65.6%	88.5%	$\chi^2(2) = 7.81, p = 0.02$	Mixed impairment > intact, p = 0.01 Mixed impairment > amnesic, p = 0.06
LEDD	739.52 (491.11)	717.41 (409.26)	937.79 (575.31)	F(2, 196) = 2.15, ns	N/a
GDS-15	2.31 (2.17)	3.14 (3.14)	3.12 (3.68)	F(2,195) = 2.19, ns	N/a
DRS-2	138.97 (4.41)	134.44 (5.34)	134.15 (6.06)	F(2,196) = 21.43, p < 0.001	Amnesic < intact, p < 0.001 Mixed impairment < intact, p < 0.001
ADCS-ADL IADL Subscale	52.51 (4.72)	49.10 (7.52)	47.60 (10.34)	F(2,144) = 6.40, p = 0.002	Amnesic < intact, p = 0.01 Mixed impairment < intact, p = 0.02

Results are presented as M (SD) except where noted (i.e., sex and PD subtype). Ns = not significant; UPDRS-III = Unified Parkinson's Disease Rating Scale Part III; PIGD = postural instability/gait disturbance-dominant; LEDD = levodopa-equivalent daily dose; GDS-15 = Geriatric Depression Scale-15; DRS-2 = Dementia Rating Scale-2; ADCS-ADL = Alzheimer's Disease Cooperative Study Activities of Daily Living Inventory; IADL = Instrumental activities of daily living.