

TABLE 1 Characteristics of participants in Cohort 1 and 2.

Characteristic	Cohort 1			Cohort 2					
	Control (n = 20)	AD (n = 20)	P	Control (n = 20)	MCI (n = 20)	VaD (n = 20)	FTD (n = 20)	PD (n = 20)	P
Age (years)	55.50 [54.00 - 60.25]	57.00 [53.75 - 59.00]	0.881	55.00 [52.75 - 63.00]	61.00 [56.00 - 70.25]	66.50 [59.50 - 72.25]	60.50 [54.75 - 67.25]	67.50 [57.75 - 71.00]	0.036
Women, n (%)	9 (45%)	12 (60%)	0.527	11 (55%)	13 [65%]	6 (30%)	13 (65%)	13 (65%)	0.113
Education years	9.00 [9.00 - 12.00]	9.000 [8.75 - 9.50]	0.114	9.00 [6.00 - 12.75]	9.00 [8.00 - 12.00]	9.00 [5.75 - 12.00]	9.00 [4.75 - 12.00]	9.00 [5.00 - 12.00]	0.687
APOE ε4 carriers, n (%)	1 (5%)	6 (30%)	0.091	2 (12%)	7 (44%)	6 (35%)	4 (24%)	NA	0.182
MMSE	28.50 [28.00 - 30.00]	14.50 [11.25 - 20.00]	< 0.001	28.50 [27.00 - 30.00]	25.00 [24.00 - 27.25]	17.00 [9.00 - 22.25]	15.00 [9.00 - 18.00]	23.00 [18.00 - 27.00]	< 0.001
MoCA	26.00 [25.00 - 27.00]	7.50 [4.50 - 13.00]	< 0.001	26.00 [24.75 - 27.00]	20.50 [17.75 - 23.00]	9.50 [5.00 - 13.25]	7.00 [4.00 - 10.00]	16.00 [9.000 - 20.00]	< 0.001
plasma Aβ42 (pg/mL)	4.60 [4.28 - 6.14]	4.20 [3.05 - 4.96]	0.049	4.13 [3.33 - 5.55]	4.73 [3.67 - 6.54]	4.90 [4.16 - 6.27]	6.19 [4.75 - 7.17]	6.72 [5.63 - 7.43]	0.008
plasma Aβ40 (pg/mL)	83.35 [70.67 - 100.19]	88.24 [75.36 - 111.53]	0.339	80.34 [68.35 - 91.46]	86.79 [74.37 - 113.72]	83.97 [75.11 - 104.68]	101.66 [87.08 - 112.10]	111.18 [95.56 - 124.03]	0.011
plasma Aβ42/Aβ40 (pg/mL)	0.06 [0.05 - 0.07]	0.04 [0.04 - 0.05]	< 0.001	0.06 [0.05 - 0.07]	0.05 [0.04 - 0.06]	0.06 [0.05 - 0.06]	0.06 [0.05 - 0.07]	0.06 [0.05 - 0.07]	0.349
plasma pTau181 (pg/mL)	1.80 [1.33 - 2.21]	3.81 [3.20 - 5.54]	< 0.001	2.14 [1.94 - 2.84]	1.68 [1.36 - 2.16]	1.71 [1.14 - 2.29]	1.76 [1.55 - 2.08]	1.53 [1.28 - 2.24]	0.079
plasma NfL (pg/mL)	10.76 [8.79 - 12.66]	24.81 [15.46 - 30.93]	< 0.001	12.53 [9.94 - 19.92]	17.72 [11.24 - 21.02]	43.07 [31.77 - 89.99]	51.05 [31.54 - 84.92]	26.09 [17.40 - 34.60]	< 0.001
plasma GFAP (pg/mL)	73.04 [51.99 - 92.33]	266.84 [182.27 - 318.94]	< 0.001	64.33 [45.11 - 101.08]	113.87 [78.58 - 132.65]	119.97 [85.83 - 156.38]	144.54 [99.90 - 183.39]	124.48 [105.50 - 175.45]	< 0.001

Abbreviations: AD, Alzheimer’s disease; MCI, mild cognitive impairment; VaD, vascular dementia; FTD, frontomental dementia; PD, Parkinson disease; APOE ε4, apolipoprotein ε4; MMSE, Mini-Mental Status Examination; Montreal Cognitive Assessment, MoCA; Aβ, amyloid beta; pTau181, phosphorylated tau-181; NfL, neurofilament; GFAP, glial fibrillary acidic protein.