Supplementary material

Correlations Between Single Nucleotide Polymorphisms, Cognitive Dysfunction, and Postmortem Brain Pathology in Alzheimer's Disease Among Han Chinese

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Table S1. Demographic and clinical characteristics of participants classified by global ECog score.

Global ECog Score	Gender			Age at death (years)	Education (years)
	Male n (%)	Female n (%)	Total n (%)		
1	42 (63)	25 (37)	67 (61)	77 ± 14.7	11.3 (0.0, 16.0)
1-2	6 (35)	11 (65)	17 (15)	75 ± 12.7	12.1 (0.0, 18.0)
>2	17 (65)	9 (35)	26 (24)	84 ± 10	12.1 (5.0, 18.0)
Total	65 (59)	45 (41)	110 (100.0)	78 ± 13.7	11.6 (0.0, 18.0)

Age at death is expressed as mean ± SD while education and postmortem delay are expressed as median (minimum, maximum). Numbers in parentheses meant column percentage unless otherwise indicated.

Table S2. Demographic and clinical characteristics of subjects classified by ABC score.

ABC Score	Gender			Age at death (years)	Education (years)	Post-mortem delay (h)
	Male n (%)	Female n (%)	Total n (%)			
0	17 (53)	15 (47)	32 (28)	74 ± 15.1	12.2 (0.0, 16.0)	17.7 (4.0, 41.0)
1	26 (68)	12 (32)	38 (35)	75 ± 13.3	11.0 (0.0, 16.0)	14.1 (1.5, 41.0)
2	17 (65)	9 (35)	26 (24)	85 ± 13.1	11.2 (5.0, 18.0)	18.4 (3.0, 57.0)
3	4 (29)	10 (71)	14 (13)	82 ± 8.4	12.6 (0.0, 16.0)	8.5 (3.0, 94.0)
Total	64 (58)	46 (42)	110 (110.0)	78.1 ± 13.8	11.6 (0.0, 18.0)	16.2 (1.5, 94.0)

Age at death is expressed as mean ± SD while education and postmortem delay are expressed as median (minimum, maximum). Numbers in parentheses mean column percentage unless otherwise indicated.

Table S3. Spearman correlations between ECog scores, ABC scores, and demographic variables.

	Global ECog	Memory	Language	Spatial	Planning	Organization	Divided Attention	General ABC score	A	B	C
Gender	-0.013 (0.896)	-0.072 (0.465)	-0.028 (0.777)	-0.030 (0.766)	-0.079 (0.423)	-0.046 (0.640)	-0.074 (0.456)	0.109 (0.269)	0.105 (0.288)	0.156 (0.113)	0.024 (0.812)
Age	0.295** (0.002)	0.319** (0.001)	0.267** (0.006)	0.274** (0.005)	0.301** (0.002)	0.280** (0.004)	0.281** (0.004)	0.478** (<0.001)	0.297** (0.002)	0.554*** (<0.001)	0.517*** (<0.001)
Education	0.089 (0.367)	0.081 (0.414)	0.137 (0.165)	0.123 (0.214)	0.174 (0.007)	0.116 (0.242)	-0.169 (0.086)	0.002 (0.981)	-0.030 (0.761)	0.001 (0.992)	0.019 (0.849)

The results are displayed as correlation coefficients (P value) in each cell. *P <0.05 (2-tailed). **P <0.01 (2-tailed). ***P <0.001 (2-tailed).