

Table S1A	N	Mean (Median)	S.D.	Range
Total	507			
Gender, Female%	59%			
Age		76.8 (77.0)	7.46	51-95
With MMSE scores	504	25.3 (27.0)	4.63	4-30
With APOE genotype	450			
ε4 - (%)	272 (60.4)			
MMSE scores		25.6*	4.5	5-30
ε4 + (%)	178 (39.6)			
MMSE scores		24.5	5.0	4-30

* $p < 0.05$ (t-test vs ε4)

Table S1B	N	MMSE (S.D.)	NC	MCI	DEM
Total	507		253	131	120
MMSE cut-offs			27-30	24-26	23 \geq
Gender, Female%			74.9	60.3	54.5
MMSE (S.D.)	25.6 (7.4)		28.5 (1.1)	25.2 (0.8)	18.7(4.7)
ε4 - 0 (%)	274 (60.4)	25.6 (4.5)	146 (57.7)	71 (54.2)	56 (46.7)
ε4 - 1 (%)	161 (35.4)	24.8 (4.3) [#]	68 (26.9)	45 (34.4)	48 (40.0)
ε4 - 2 (%)	19 (4.2)	22.0 (8.8)**	8 (3.2)	5 (3.8)	6 (5.0)

[#] $p = 0.0019$ and ^{**} $p = 0.0019$ (t-test vs ε4 - 0)

Table S1. Demographics of summarized MRI dataset obtained from NACC (A) overall (B) categorized by MMSE