SUPPLEMENTARY MATERIAL

	APOE Genotype			
Characteristic	APOE2+	APOE3	APOE4+	<i>p</i> -value
Age (years) (M)	74.35	75.3	73.87	0.08
Female (%)	55.56	46.47	54.13	0.27
Education (M)	16.26	16.39	16.13	0.70
Body Mass Index (M)	26.94	27.37	26.07	0.04
Hypertension (%)	44.44	49.38	40.37	0.28
History of Smoking (%)	40.74	37.76	37.61	0.91

Supplementary Table 1. Assessing possible confounding between *APOE* genotype and available risk factors.

Differences in dementia risk factors between genotype groups were examined among controls (N = 404) to assess for possible confounding for MR [43]. Body Mass Index was unevenly distributed across *APOE* groups (p < 0.05), indicating the potential for confounding. This variable was therefore included as a covariate in mendelian randomization analysis. M, mean.



Supplementary Figure 1. Comparison of Total Cholesterol Levels Between *APOE* **Genotypes.** *APOE*4+ carriers had significantly higher total cholesterol compared to *APOE*2+ and *APOE*3 carriers.



