

**Supplementary Table 2.** Association between serum TNF- $\alpha$  level and z-scores of CERAD-NP tests

	Unstandardized coefficients		Standardized coefficients	t	p	F	R <sup>2</sup>
	B	SE	$\beta$				
Categorical Verbal Fluency Test	-0.283	0.293	-0.161	-0.965	0.341	0.932	0.026
Boston Naming Test	-0.571	0.340	-0.273	-1.682	0.102	2.827	0.075
MMSE	-0.803	0.398	-0.323	-2.020	0.051	4.079	0.104
Word List Learning test	-1.097	0.294	-0.534	-3.737	0.001*	13.967	0.285
Constructional Praxis test	-0.180	0.395	-0.077	-0.455	0.652	0.207	0.006
Word List Delayed Recall test	-0.580	0.318	-0.295	-1.826	0.076	3.334	0.087
Word List Recognition test	-0.890	0.495	-0.291	-1.799	0.081	3.238	0.085
Constructional Recall test	-0.673	0.314	-0.345	-2.143	0.039*	4.594	0.119
Trail Making Test-A	-0.089	0.379	-0.045	-0.235	0.816	0.055	0.002

\*p<0.05. TNF- $\alpha$ , tumor necrosis factor- $\alpha$ ; CERAD-NP, The Consortium to Establish a Registry for Alzheimer's Disease Neuropsychological Assessment Battery; SE, standard error; MMSE, Mini-Mental State Examination