

**Table S1** Tests of within-subject effects of mixed-ANOVA with susceptibility value as dependent variable, group (HC, MCI, AD) as within subject effect and clinical scores (TMSE, CDR-global, CDR-sum of box)

Effect	Type III sum of squares	df	F ratio	P	$\mu_p^2$
Susceptibility					
Sphericity assumed	0.291	4	14.033	<0.001*	0.185
Greenhouse-Geisser	0.291	2.570	14.033	<0.001*	0.185
Huynh-Feldt	0.291	2.907	14.033	<0.001*	0.185
Lower-bound	0.291	1.000	14.033	<0.001*	0.185
Susceptibility group					
Sphericity assumed	0.074	8	1.796	0.078	0.055
Greenhouse-Geisser	0.074	5.141	1.796	0.115	0.055
Huynh-Feldt	0.074	5.815	1.796	0.105	0.055
Lower-bound	0.074	2.000	1.796	0.175	0.055
Error (susceptibility)					
Sphericity assumed	1.284	248	–	–	–
Greenhouse-Geisser	1.284	159.356	–	–	–
Huynh-Feldt	1.284	180.250	–	–	–
Lower-bound	1.284	62.000	–	–	–

Statistically significant is denoted by an asterisk (\*) with significance level is set at 0.05.

**Table S2** Tests of between-subject effects of mixed-ANOVA with susceptibility value as dependent variable, group (HC, MCI, AD) as within subject effect and clinical scores (TMSE, CDR-global, CDR-sum of box)

Effect	Type III sum of squares	df	F ratio	P	$\mu_p^2$
TMSE	0.04	1	1.165	0.285	0.018
CDR global	0.142	1	4.176	0.045*	0.063
CDR sum of box	0.126	1	3.704	0.059	0.056
Group (HC, MCI, AD)	0.092	2	1.345	0.268	0.042
Error	2.111	62			

Statistically significant is denoted by an asterisk (\*) with significance level is set at 0.05. AD, Alzheimer's disease; ANOVA, analysis of variance; CDR, Clinical Dementia Rating; HC, healthy control; MCI, mild cognitive impairment; TMSE, Thai Mental State Examination.