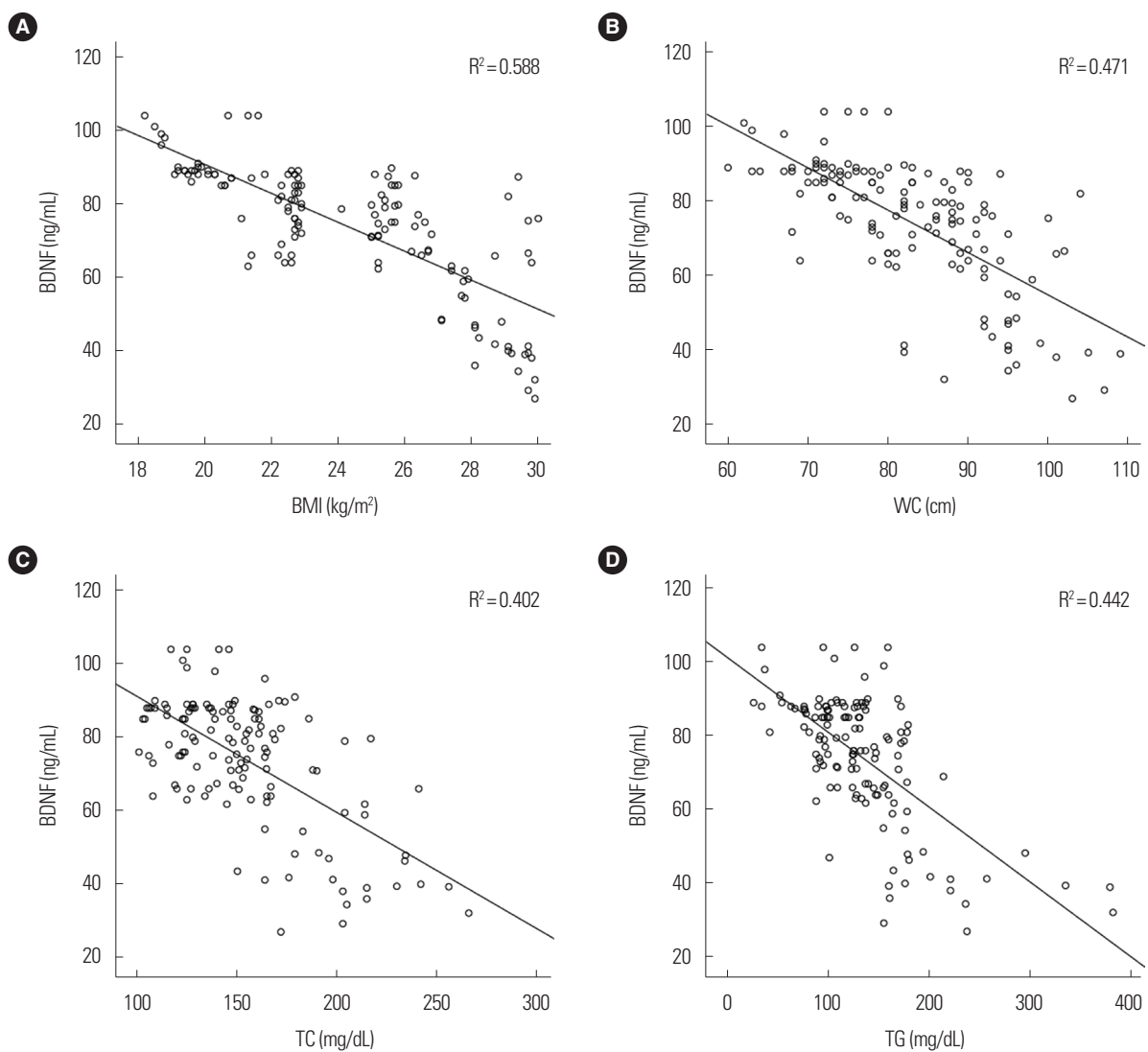


Supplementary Table 1. Comparison of BDNF levels in the males and females between non-obese and obese groups

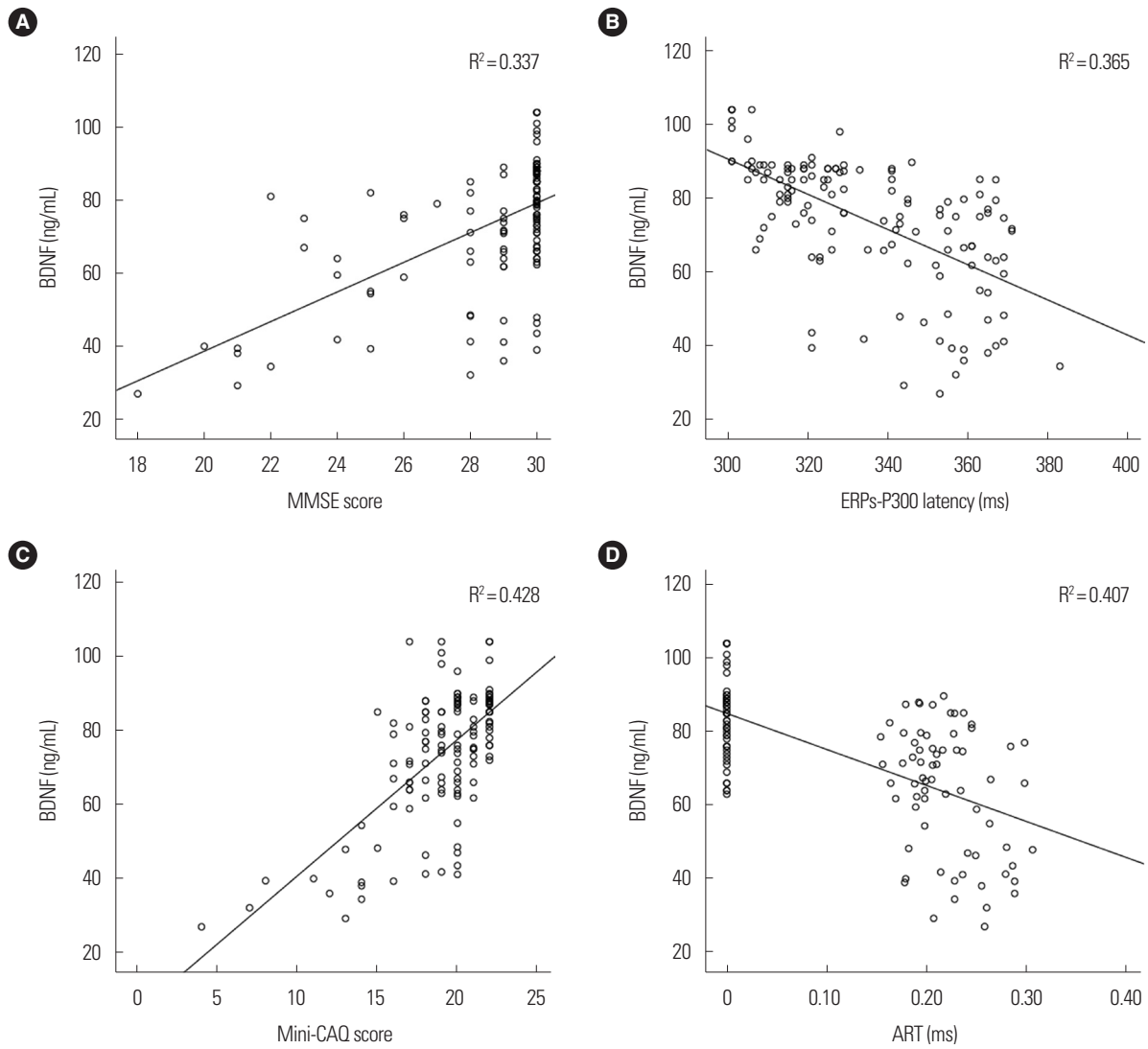
Group	BDNF (ng/mL)	<i>P</i>
Non-obese group		0.171
Male (n=25)	82.16 ± 9.37	
Female (n=41)	85.56 ± 10.10	
Obese group		0.485
Male (n=28)	62.00 ± 18.50	
Female (n=38)	65.11 ± 16.74	

Values are presented as mean ± standard deviation. The mean difference between the groups were analyzed using chi-square test. A *P*-value <0.05 considered statistically significant.

BDNF, brain-derived neurotrophic factor.



Supplementary Figure 1. Correlation of brain-derived neurotrophic factor (BDNF) with obesity indices. BMI, body mass index; WC, waist circumference; TC, total cholesterol; TG, triglycerides.



Supplementary Figure 2. Correlation of brain-derived neurotrophic factor (BDNF) with cognitive parameters. MMSE, mini-mental state examination; ERPs-P300, event-related potentials P300; Mini-CAQ, mini-cognitive assessment questionnaire; ART, auditory reaction time.