**BMI (kg/m2)**

BDNF (ng/mL)

Figure 1. Serum BDNF levels in classified each BMI value. The BDNF levels in each BMI category were expressed mean ± SD and analyzed by ANOVA (Levene’s test F value 2.1783, p=0.0697). Multiple comparison was performed using the Bonferroni correction. The data is expressed when compared with the normal BMI category of 18.5-24.9 kg/m2. \*\*p<0.01, NS: no significant. BDNF: brain-derived neurotrophic factor, BMI: body mass index