BMI (kg/m2)

Handgrip strength (kg)

Figure 3. Handgrip strengths (kg) in classified each BMI value. The hand grip strengths in each BMI category were expressed mean ± SD and analyzed by ANOVA (Levene’s test F value 3.2310, p=0.01). 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