



**Supplementary Fig. 2.** Trends in the concentrations of ketone bodies according to the baseline glycosylated hemoglobin (HbA1c) of >10.0% (A) total ketone, (B) β-hydroxybutyrate, (C) acetoacetate; and of ≤10.0%, (D) total ketone, (E) β-hydroxybutyrate, (F) acetoacetate. Values are presented as mean ± standard deviation. Logarithmically transformed values were used for comparisons of concentrations of fasting glucagon, total ketone bodies, β-hydroxybutyrate, and acetoacetate. <sup>a</sup>*P*<0.05; paired *t*-test between the baseline and after treatment.