



**Supplementary Fig. 2.** Multivariable analysis between metabolic parameters and log-transformed (A) oral disposition index (DI<sub>0</sub>) and (B) homeostasis model assessment of  $\beta$ -cell function (HOMA-B) ( $n=470$ ). Standardized regression coefficients ( $\beta$ ) and  $P$  values were obtained using a linear mixed model for repeated outcomes in the clustered data. SD, standard deviation; CI, confidence interval; HbA1c, glycosylated hemoglobin; BMI, body mass index; DM, diabetes mellitus; HbA1c AUC, area under the curve of HbA1c over time; HbA1c CV, coefficient of variation in HbA1c; GLP-1R, glucagon-like peptide-1 receptor; DPP-4, dipeptidyl peptidase-4; TZD, thiazolidinedione; SGLT2, sodium-glucose cotransporter 2; AGI, alpha-glucosidase inhibitor.