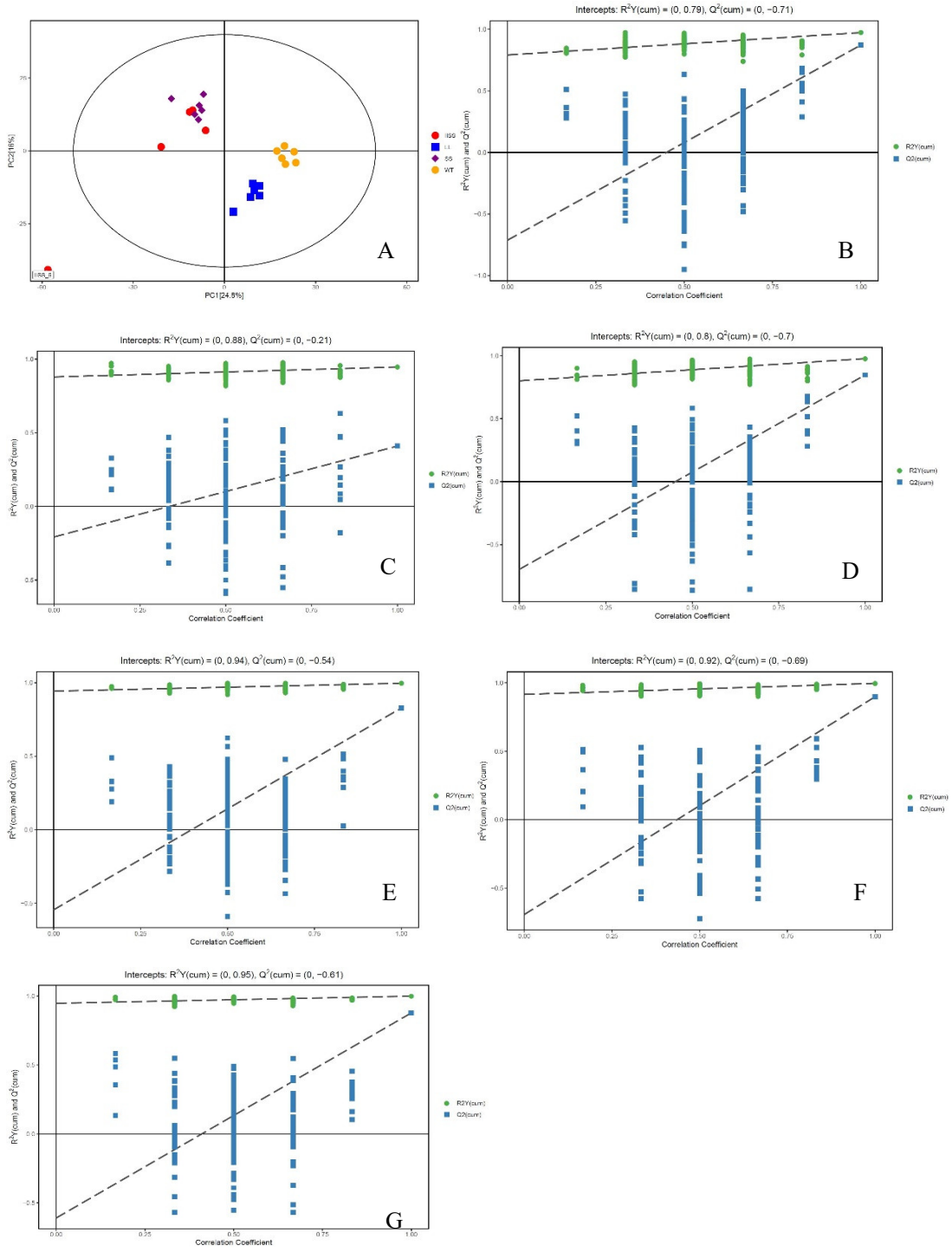


Supplementary Figure S1. Differential metabolites analysis of individuals from four populations. A, Score plot of four population from PCA model. B, Permutation plot for group of IISS-LL from OPLS-DA model; C, Permutation plot for group of IISS-SS from OPLS-DA model; D, Permutation plot for group of IISS-WT from OPLS-DA model; E, Permutation plot for group of LL-WT from OPLS-DA model; F, Permutation plot for group of SS-LL from OPLS-DA model; G, Permutation plot for group of SS-WT from OPLS-DA model; Correlation coefficient as the x-axis represents the replacement reservation degree of replacement test, and the y-axis represents the value of R^2Y (green dots) and Q^2 (blue square dots). The two dashes represent the regression lines of R^2Y and Q^2, respectively.