

Figure S1 PCA score plot of ^1H -NMR. Each point is each sample. Different groups are in different colors, with circles representing the 95% confidence interval.

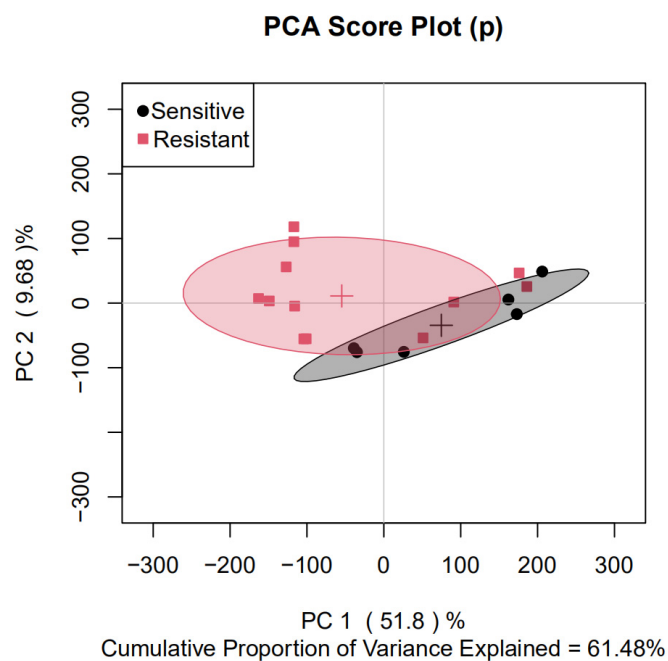


Figure S2 PCA(A) and OPLS-DA(B) analysis of the data achieved from UPLC-MS. Each point is each sample. Different groups are in different colors, with circles representing the 95% confidence interval.

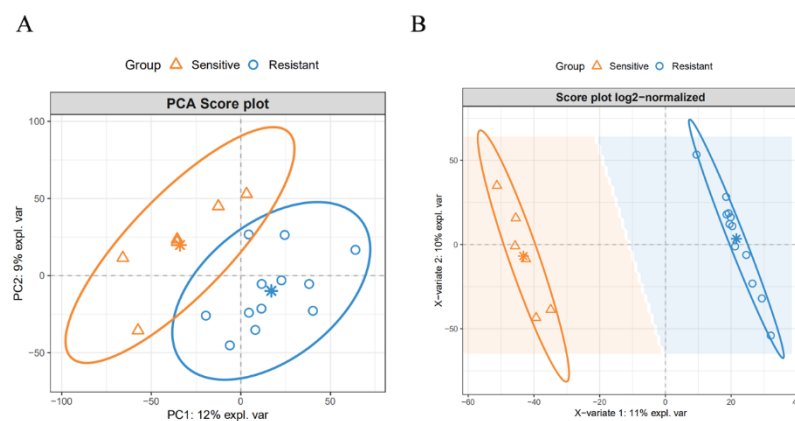


Figure S3 Other significant metabolites identified by UPLC-MS between the two groups.

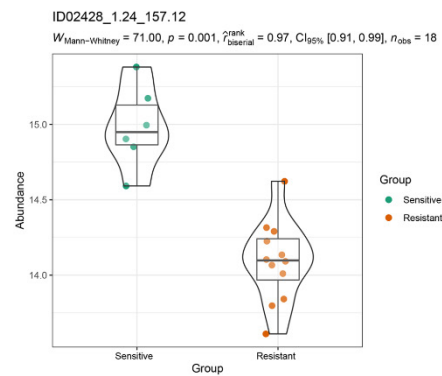
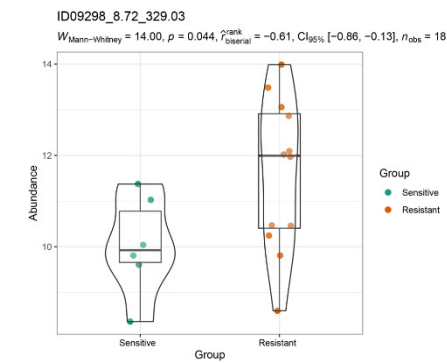
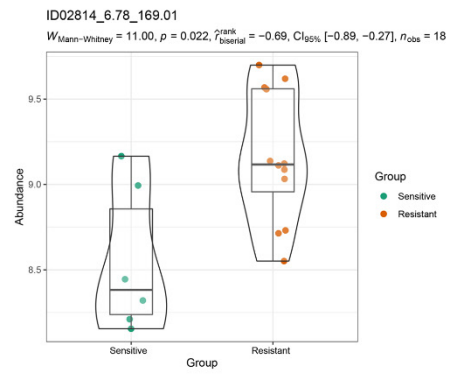
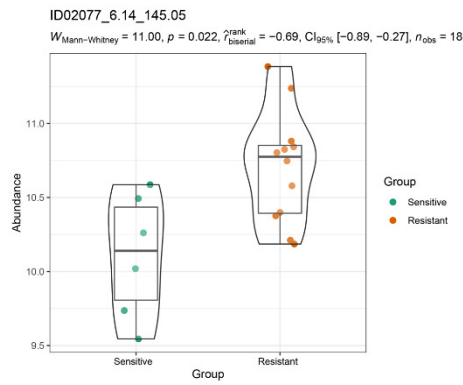
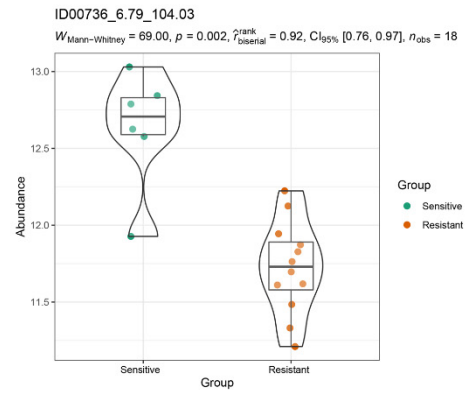
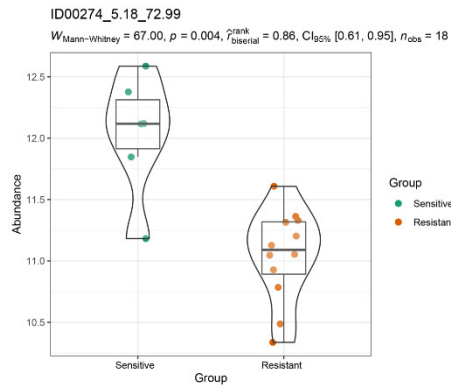
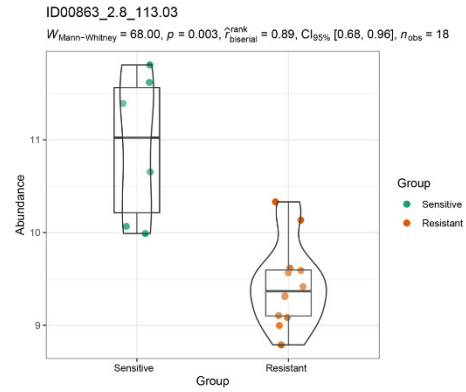
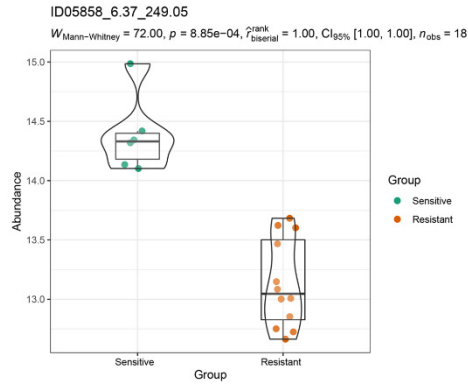


Figure S4 The genes that associated with these pathways and metabolites. Red represents genes and green represents pathways.

