

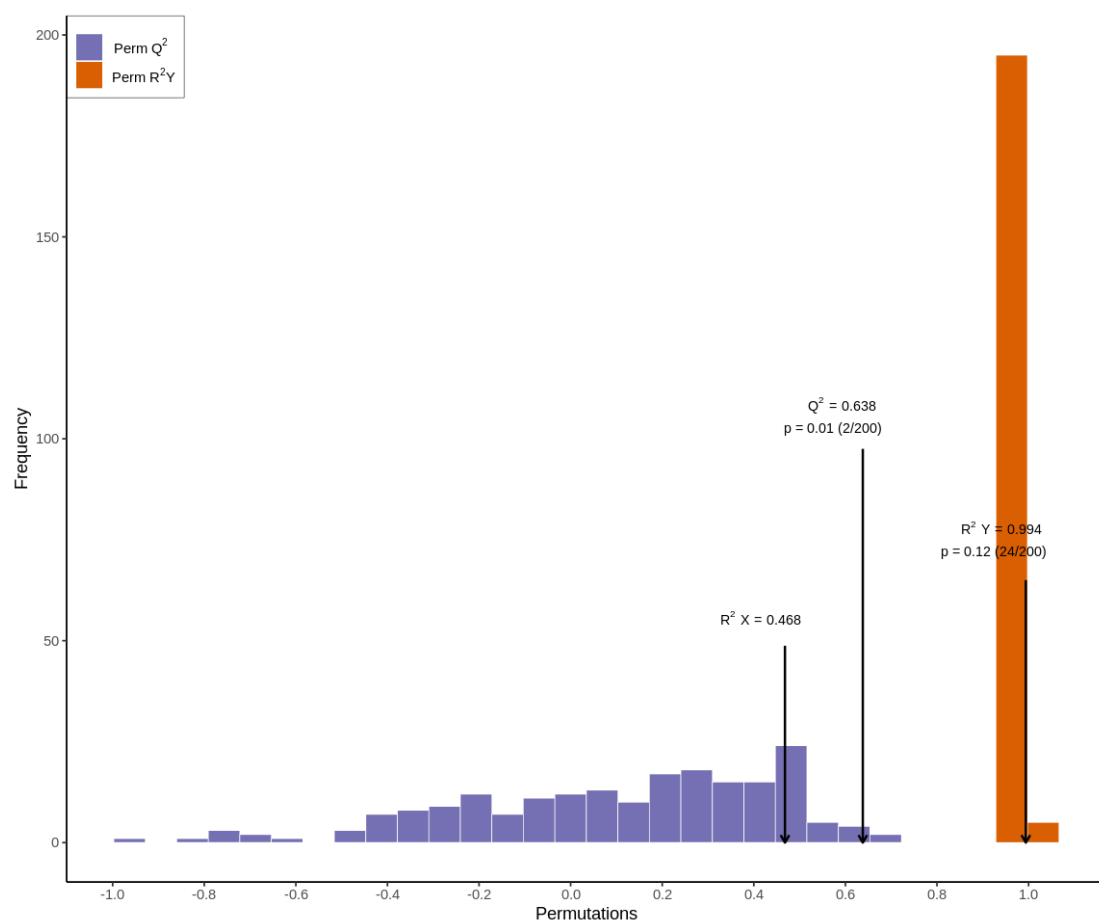


Fig. S2 OPLS-DA score plot showing the metabolic separation between the CON and AMP groups. The horizontal axis represents the R^2Y and Q^2 values, whereas the vertical axis indicates the frequency of model classification performance derived from 200 random permutation tests. In the figure, orange denotes R^2Y values from permuted models, whereas purple represents Q^2 values from permuted models. The black arrow indicates the R^2X , R^2Y , and Q^2 values of the original (non-permuted) model.