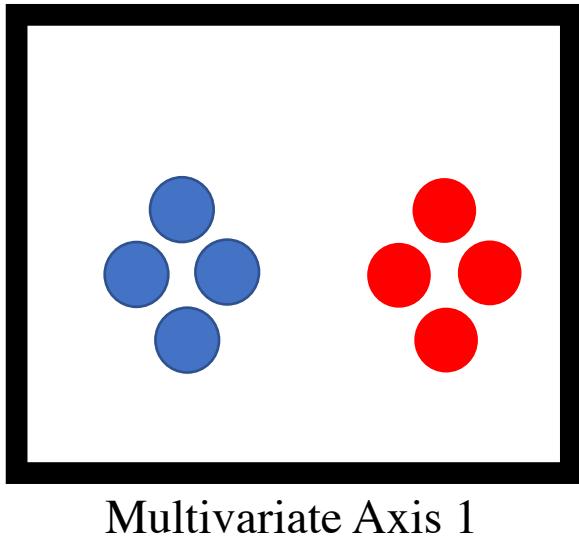


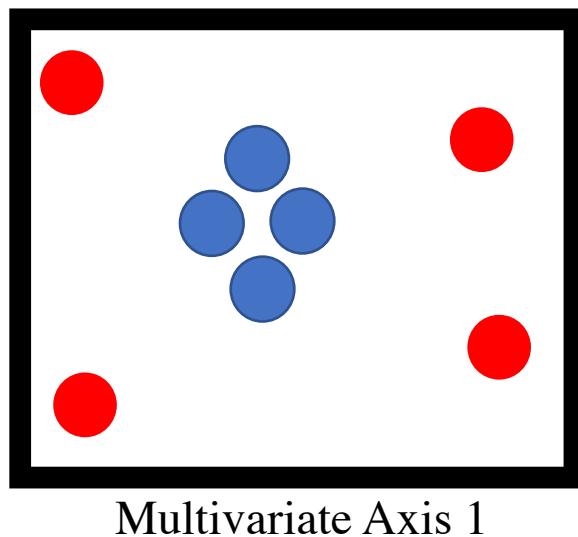
(A1) High Constraint

Multivariate Axis 2



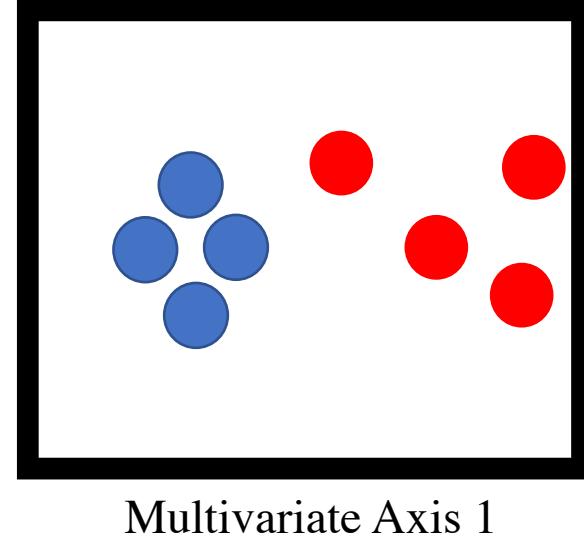
(A2) Low Constraint γ

Multivariate Axis 2



(B3) Low Constraint δ

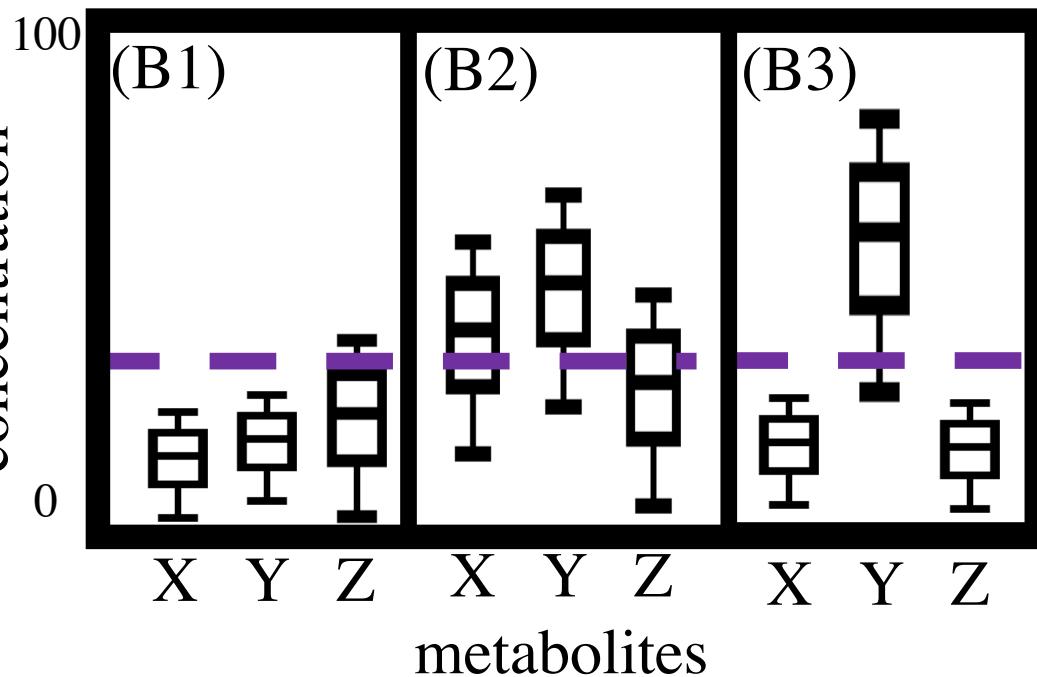
Multivariate Axis 2



Pretreatment
Posttreatment

A legend indicating that blue circles represent "Pretreatment" and red circles represent "Posttreatment".

Treatment effect size
on metabolite
concentration



Biosynthetic
Constraint

