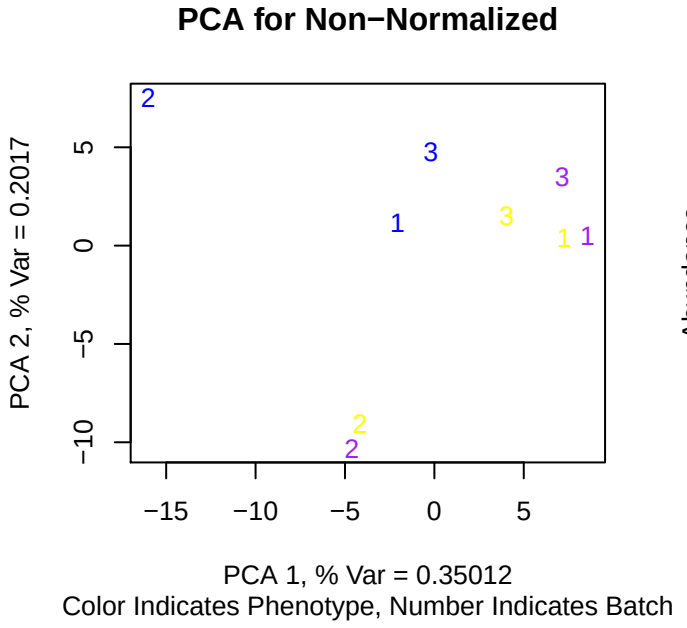
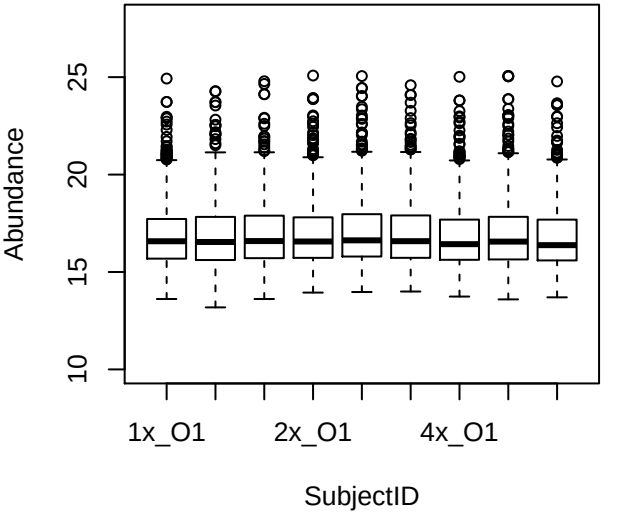
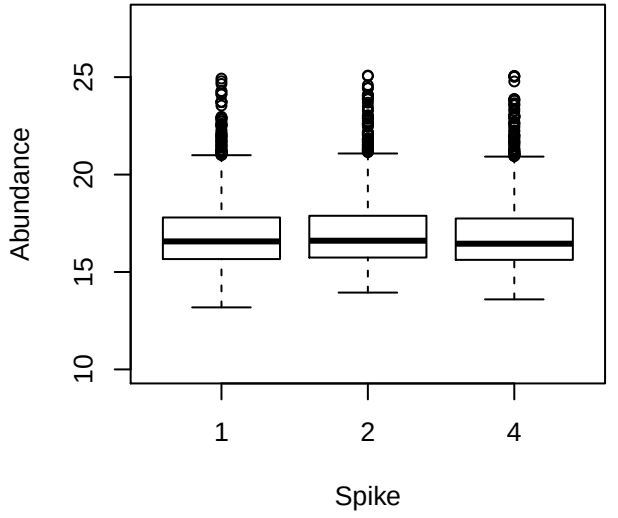
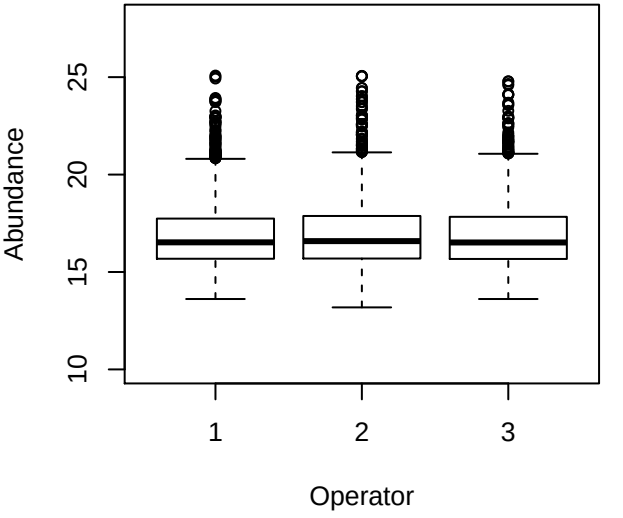
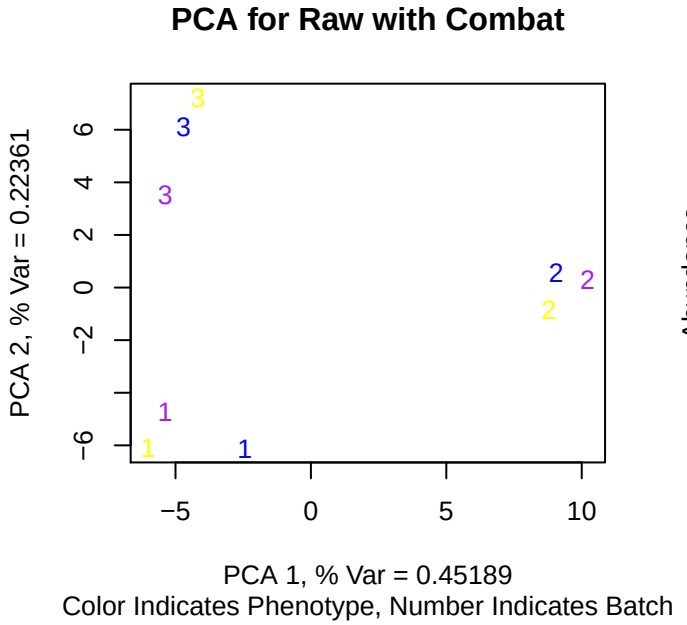
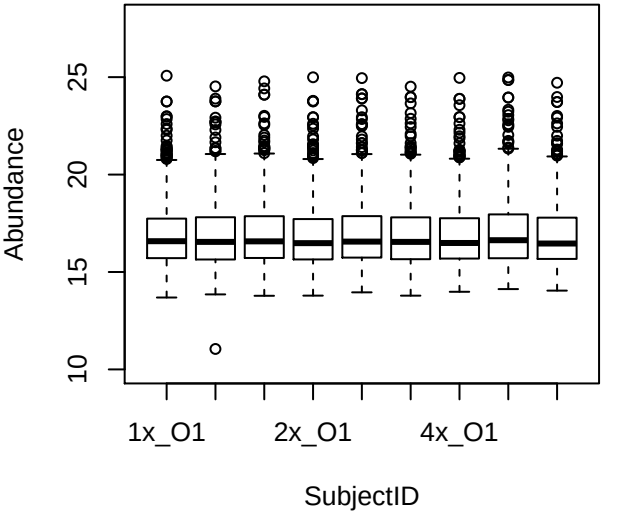

PCA for Non−Normalized
PCA 2, % Var = 0.2017
PCA 1, % Var = 0.35012
Color Indicates Phenotype, Number Indicates Batch

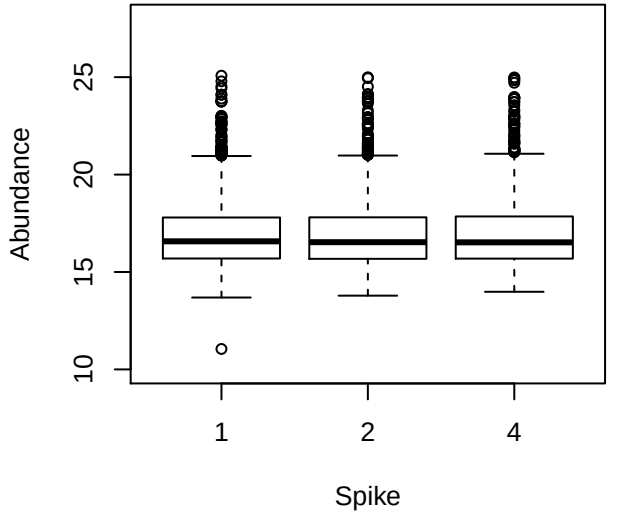

Abundance
1x_O1
2x_O1
4x_O1
SubjectID

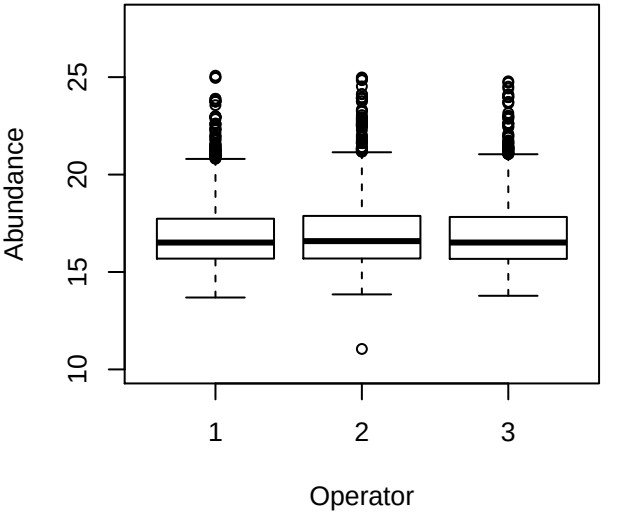

Abundance
Spike

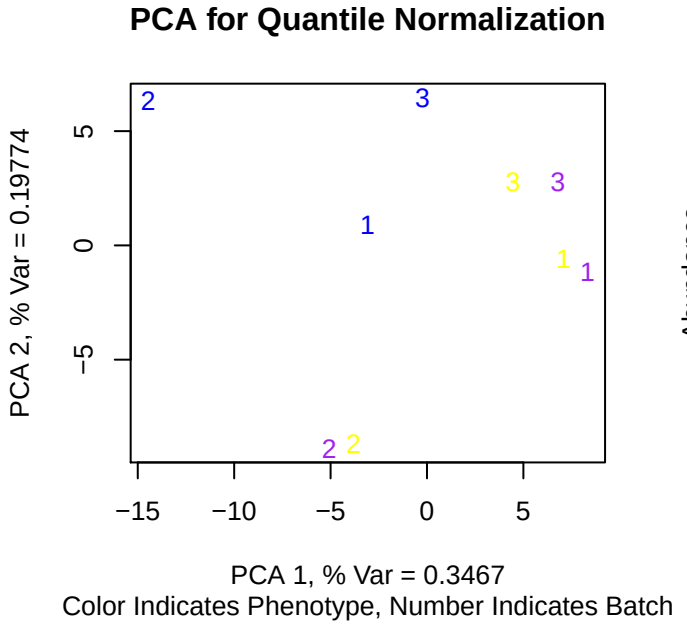

Abundance
Operator

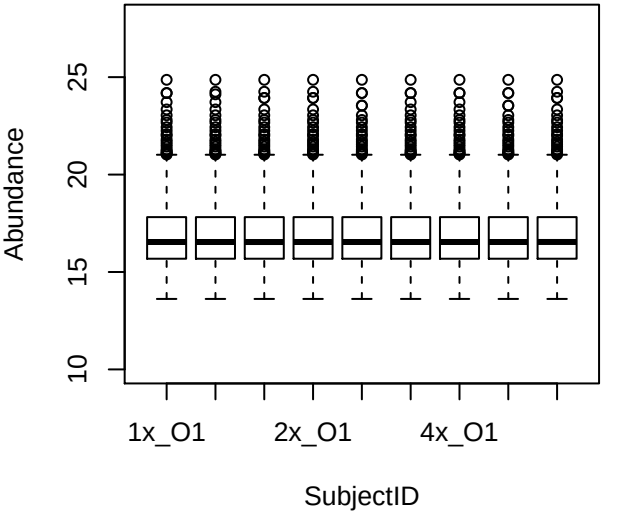

PCA for Raw with Combat
PCA 2, % Var = 0.22361
PCA 1, % Var = 0.45189
Color Indicates Phenotype, Number Indicates Batch

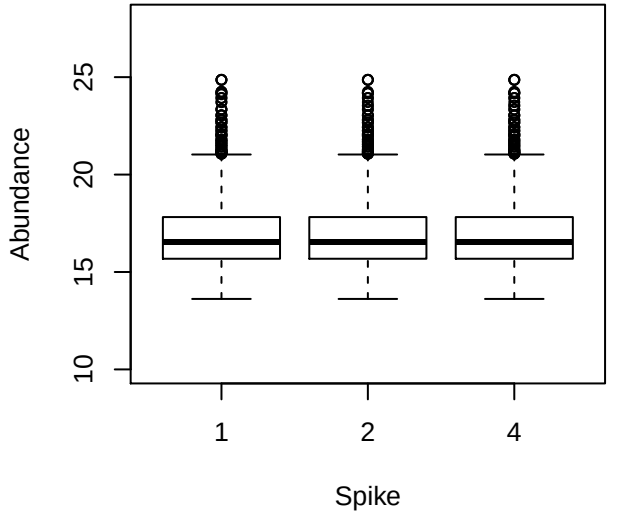

Abundance
1x_O1
2x_O1
4x_O1
SubjectID

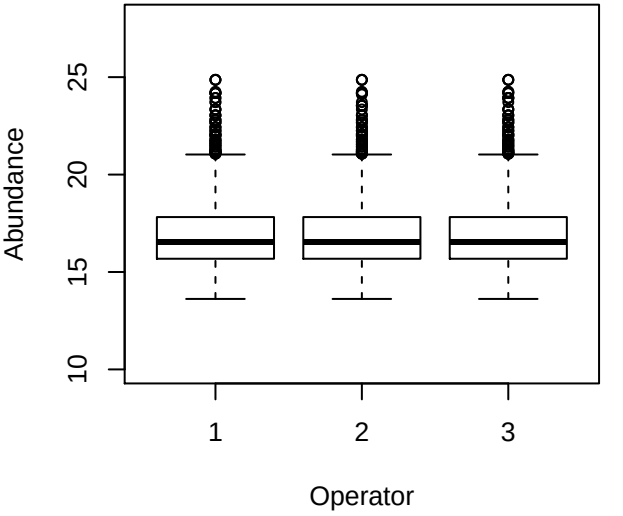

Abundance
Spike

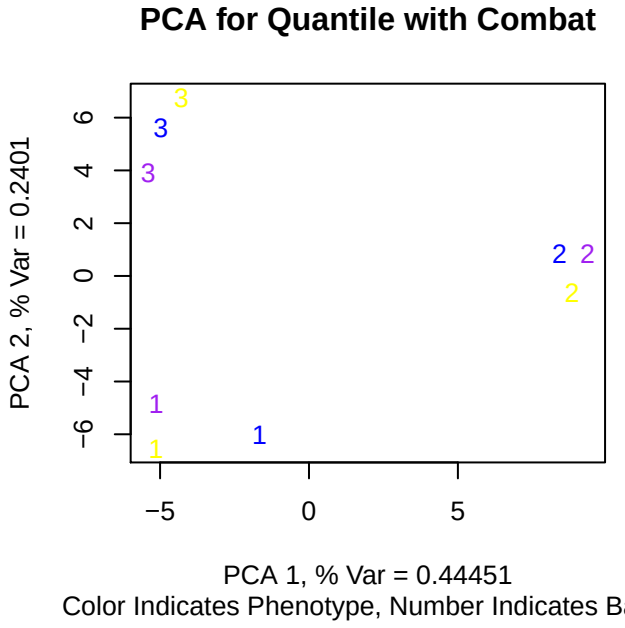

Abundance
Operator

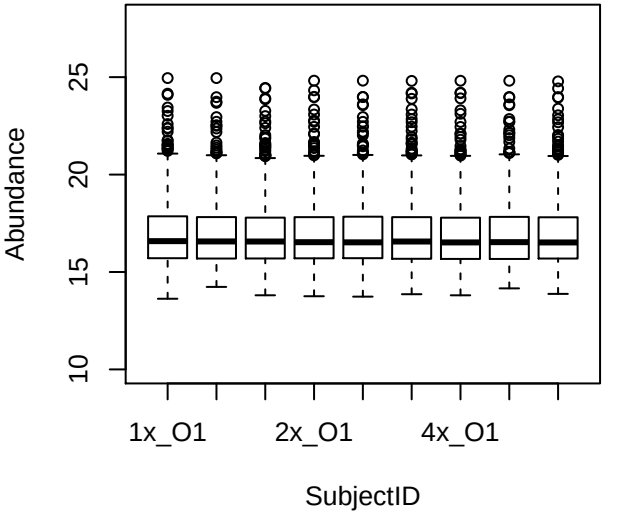

PCA for Quantile Normalization
PCA 2, % Var = 0.19774
PCA 1, % Var = 0.3467
Color Indicates Phenotype, Number Indicates Batch

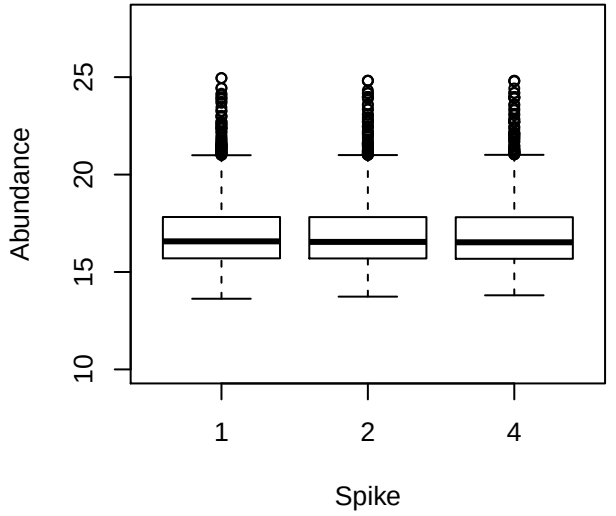

Abundance
1x_O1
2x_O1
4x_O1
SubjectID

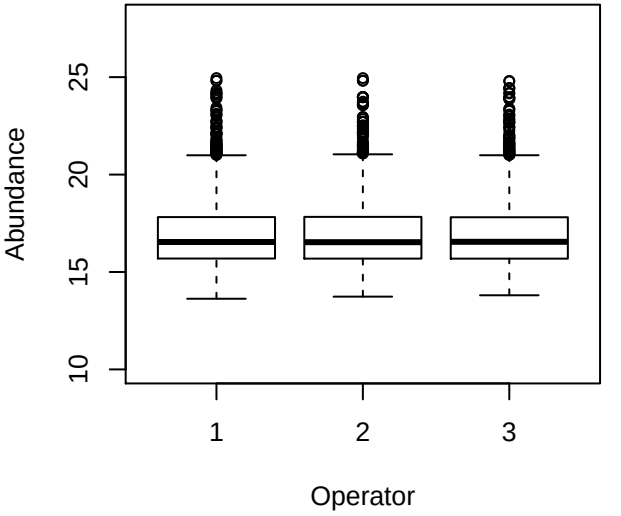

Abundance
Spike

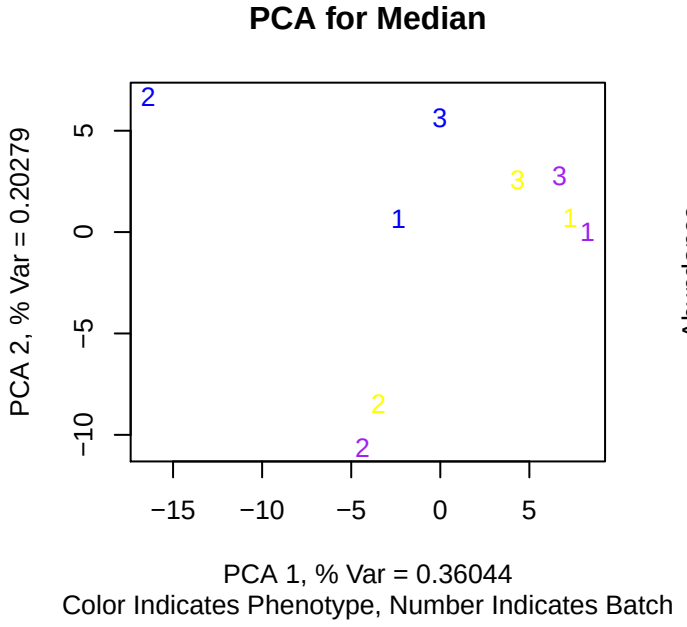

Abundance
Operator

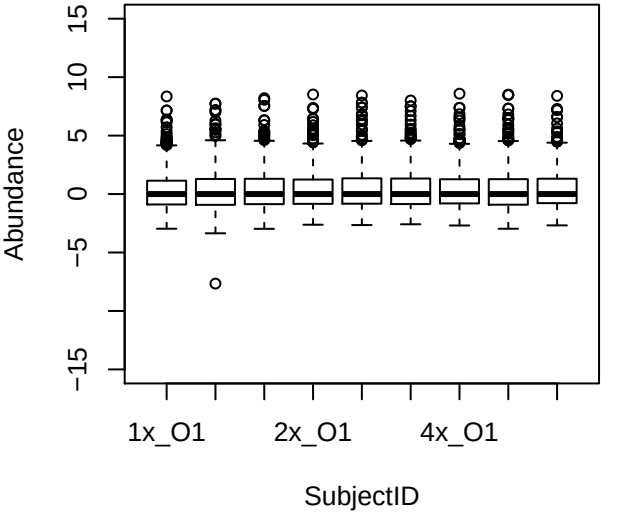

PCA for Quantile with Combat
PCA 2, % Var = 0.2401
PCA 1, % Var = 0.44451
Color Indicates Phenotype, Number Indicates Batch

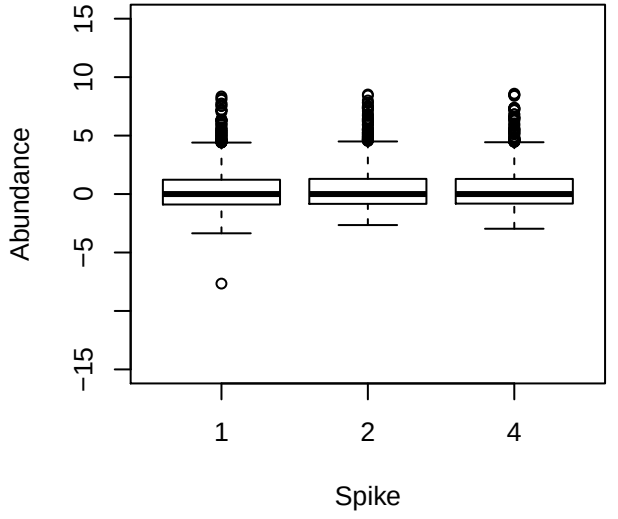

Abundance
1x_O1
2x_O1
4x_O1
SubjectID

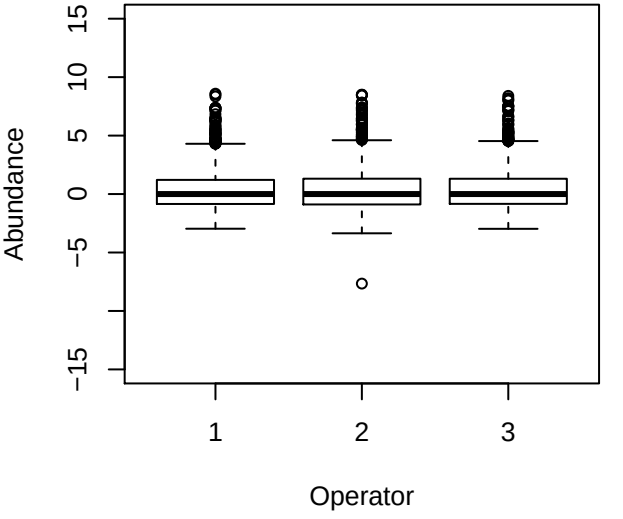

Abundance
Spike

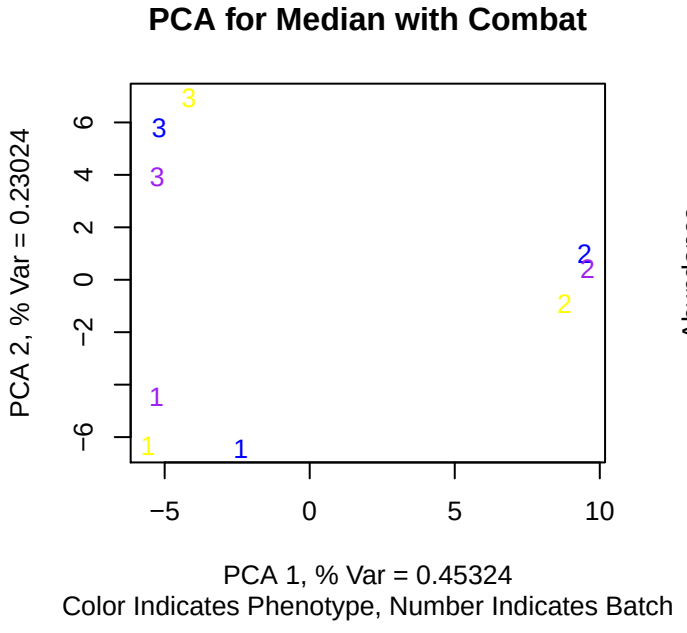

Abundance
Operator

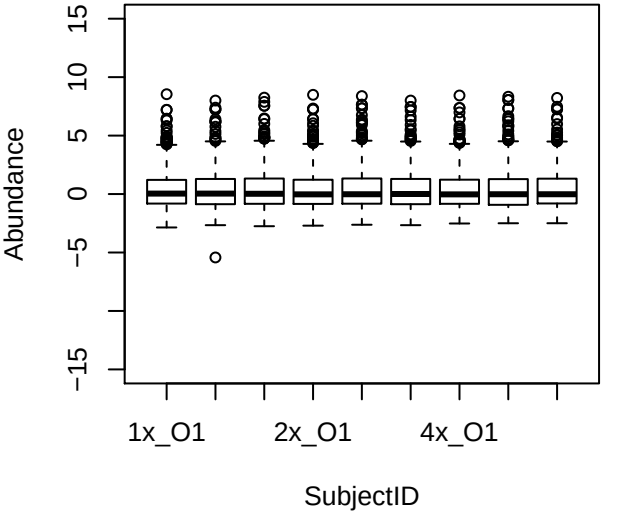

PCA for Median
PCA 2, % Var = 0.20279
PCA 1, % Var = 0.36044
Color Indicates Phenotype, Number Indicates Batch

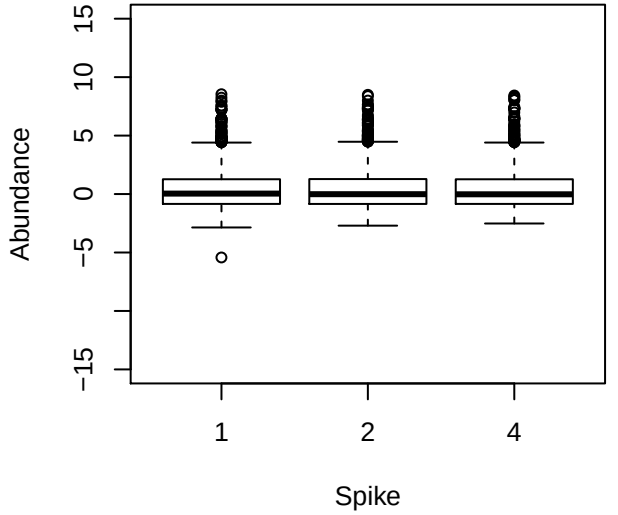

Abundance
1x_O1
2x_O1
4x_O1
SubjectID

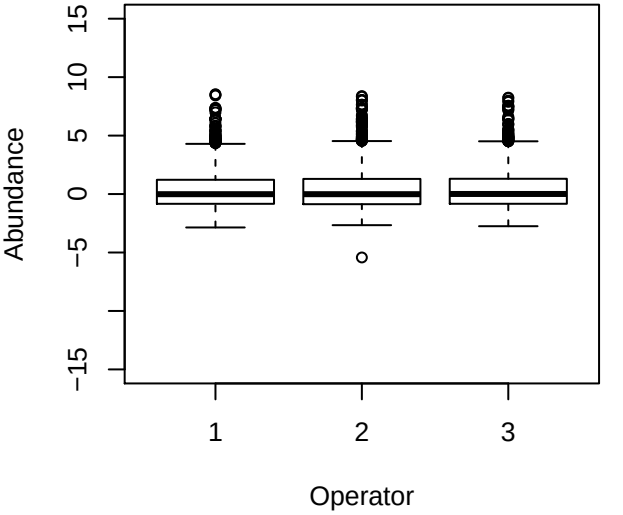

Abundance
Spike

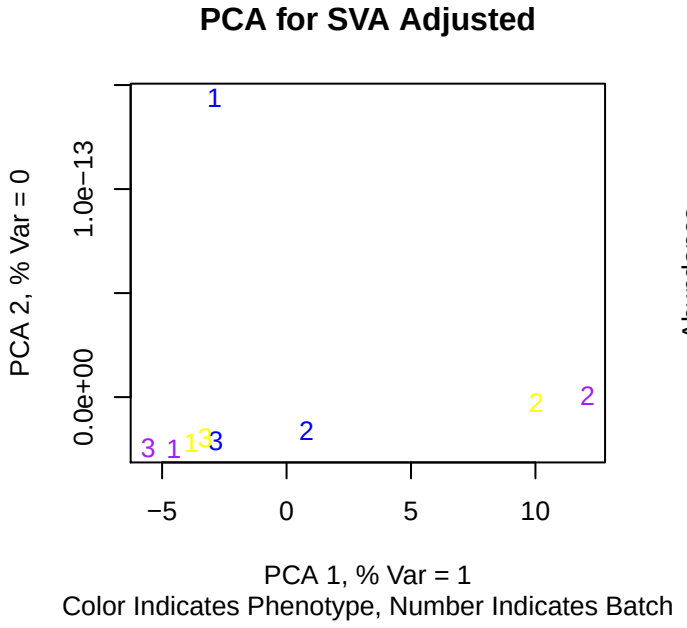

Abundance
Operator

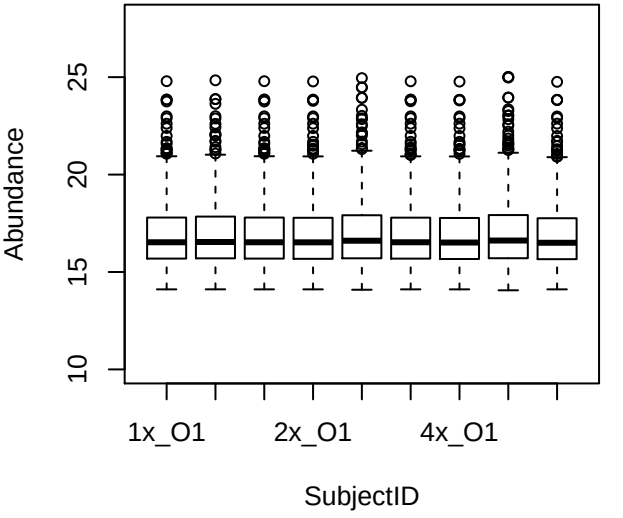

PCA for Median with Combat
PCA 2, % Var = 0.23024
PCA 1, % Var = 0.45324
Color Indicates Phenotype, Number Indicates Batch

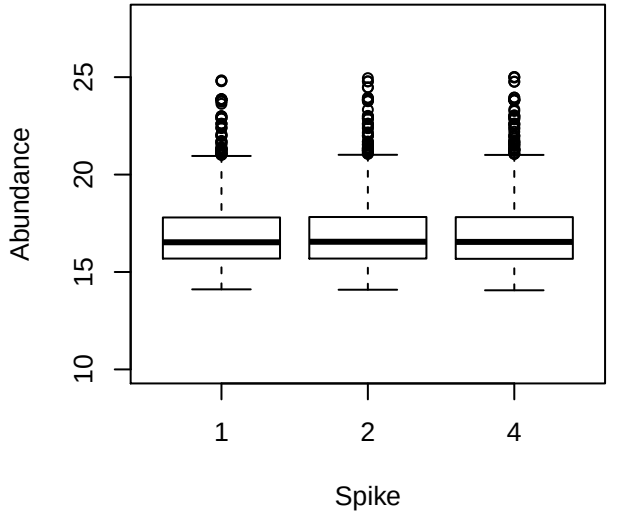

Abundance
1x_O1
2x_O1
4x_O1
SubjectID

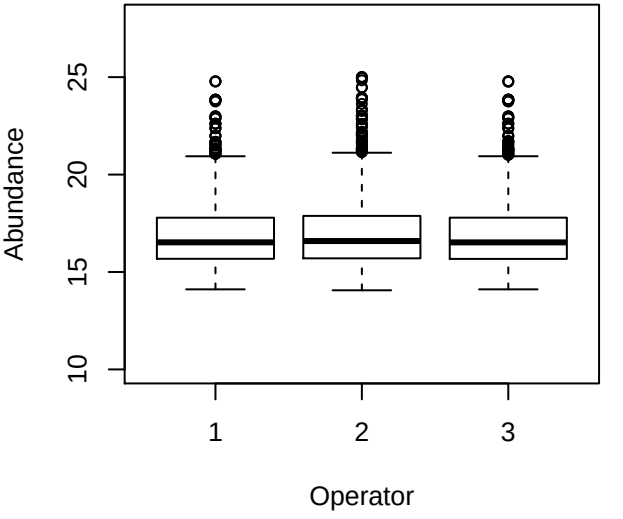

Abundance
Spike

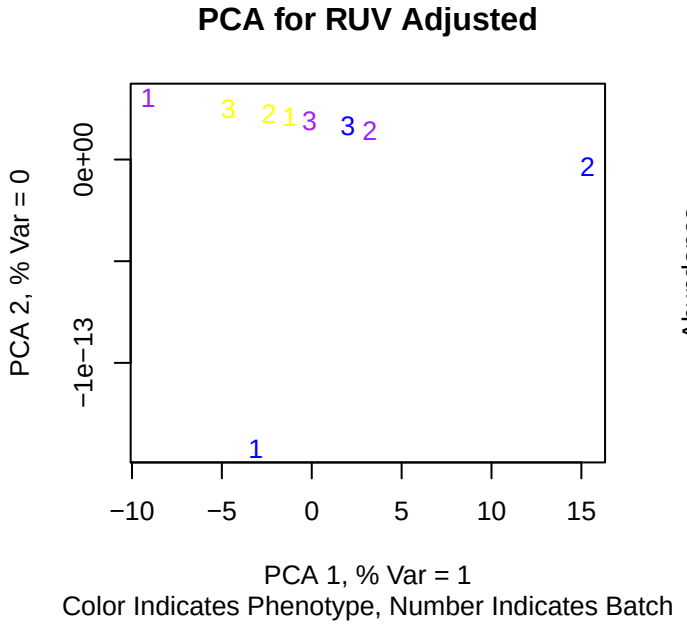

Abundance
Operator

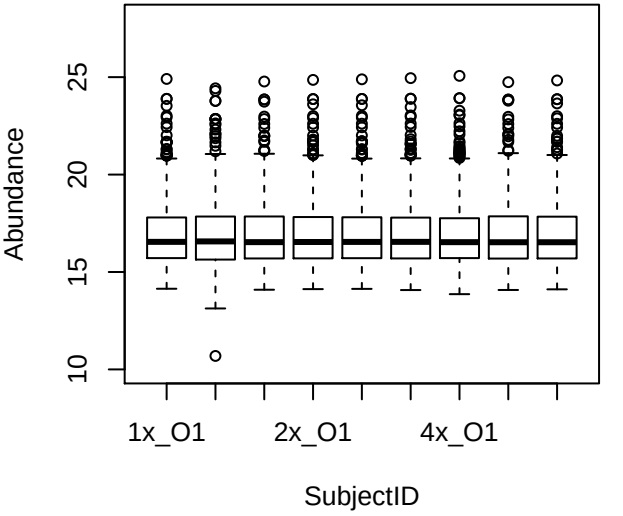

PCA for SVA Adjusted
PCA 2, % Var = 0
1.0e−13
0.0e+00
−5
0
5
10
PCA 1, % Var = 1
Color Indicates Phenotype, Number Indicates Batch

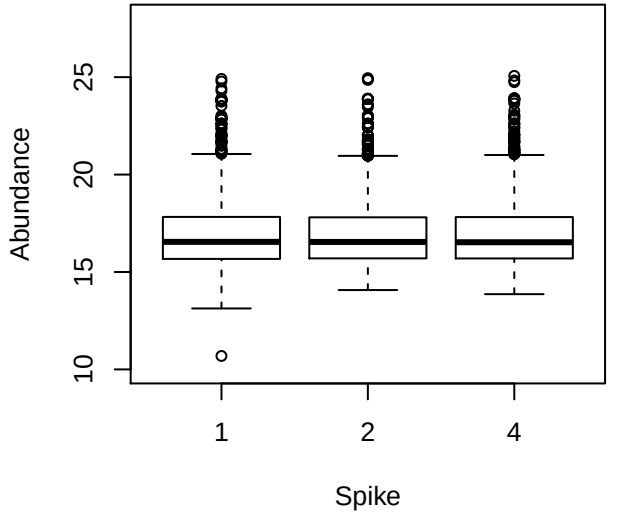

Abundance
25
20
15
10
1x_O1
2x_O1
4x_O1
SubjectID

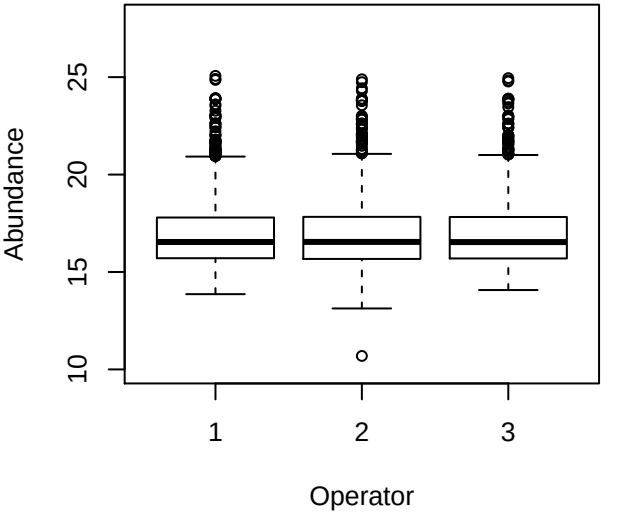

Abundance
25
20
15
10
1
2
4
Spike

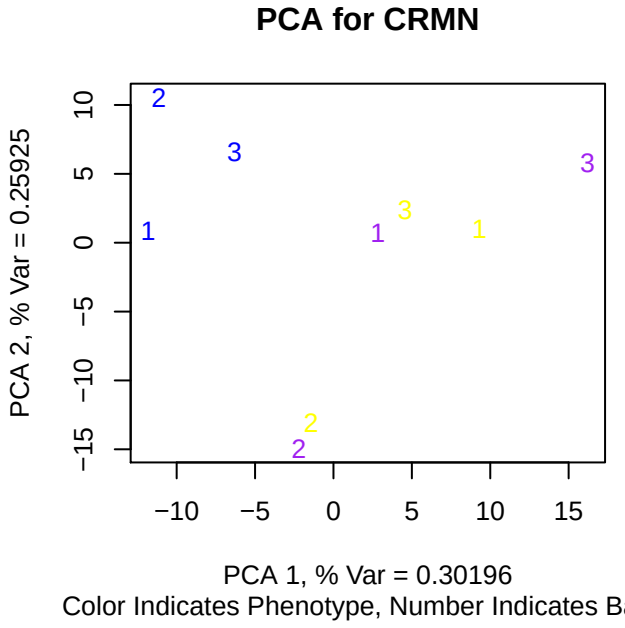

Abundance
25
20
15
10
1
2
3
Operator

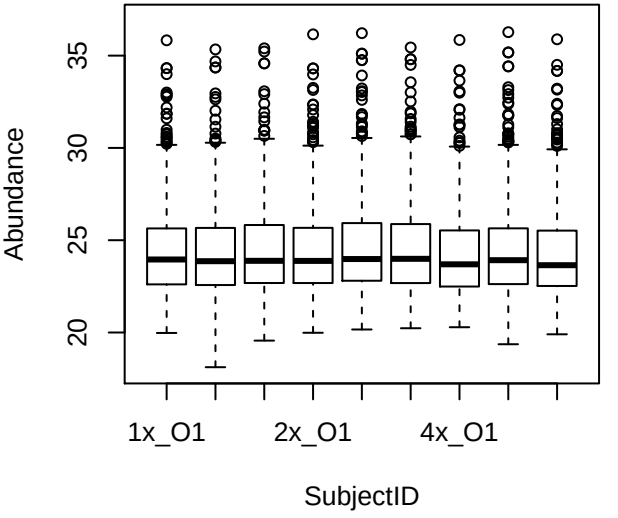

PCA for RUV Adjusted
PCA 2, % Var = 0
0e+00
−1e−13
−10
−5
0
5
10
15
PCA 1, % Var = 1
Color Indicates Phenotype, Number Indicates Batch

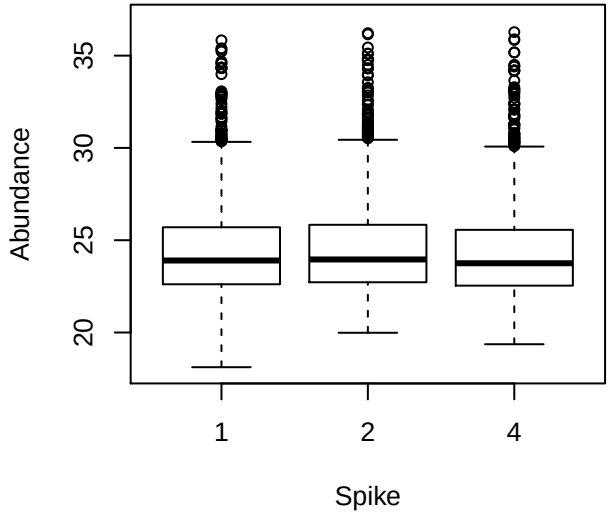

Abundance
10
15
20
25
1x_O1
2x_O1
4x_O1
SubjectID

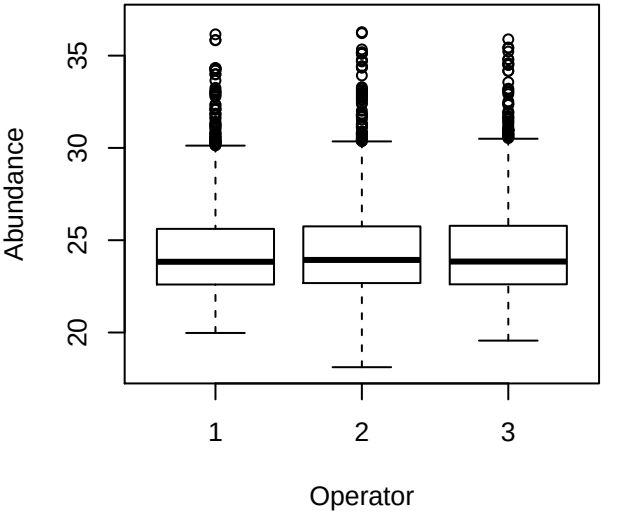

Abundance
10
15
20
25
1
2
4
Spike


Abundance
10
15
20
25
1
2
3
Operator


PCA for CRMN
PCA 2, % Var = 0.25925
PCA 1, % Var = 0.30196
Color Indicates Phenotype, Number Indicates Batch


Abundance
1x_O1
2x_O1
4x_O1
SubjectID


Abundance
Spike


Abundance
Operator