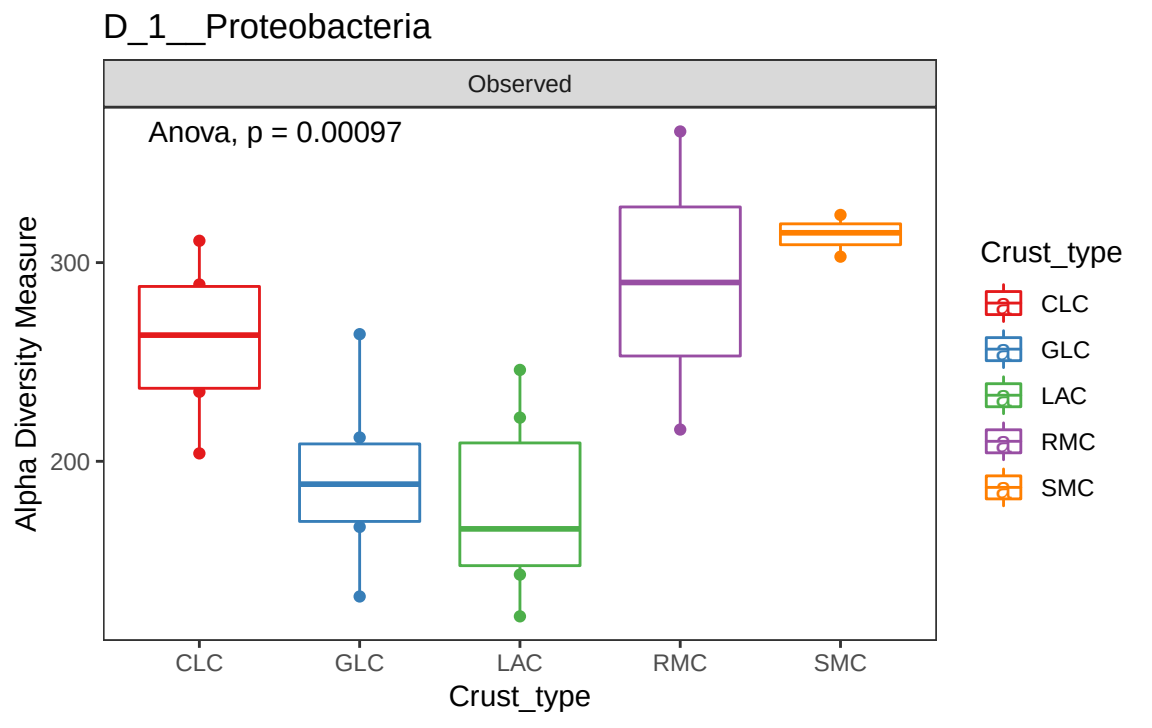
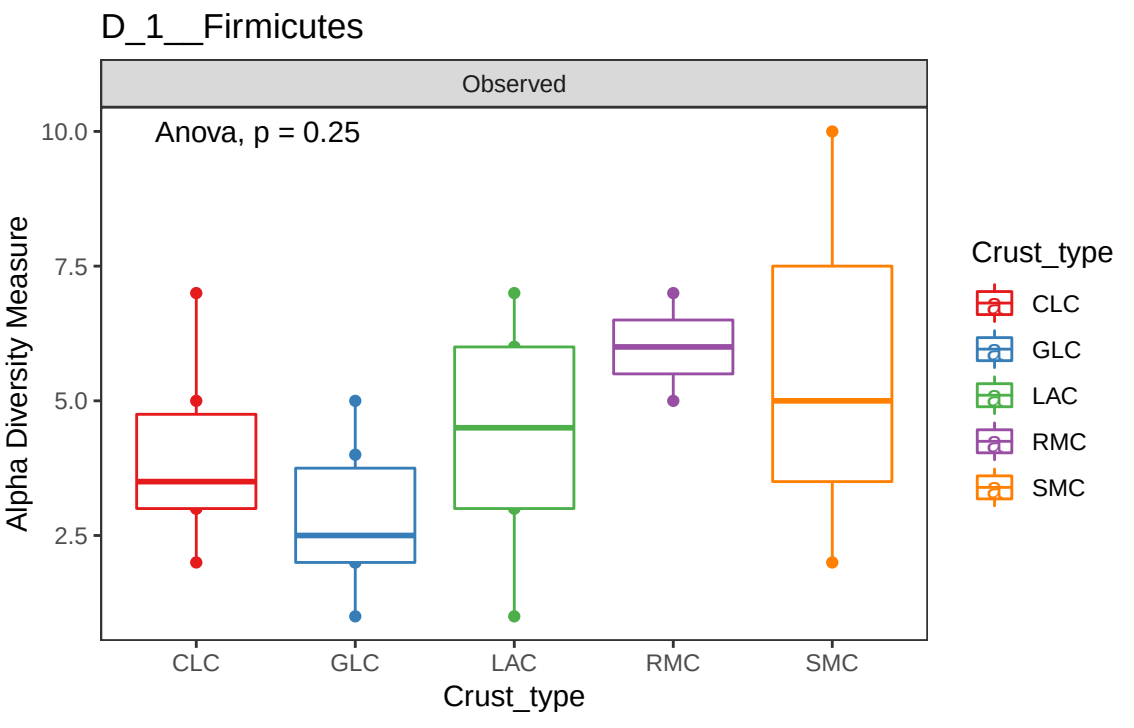
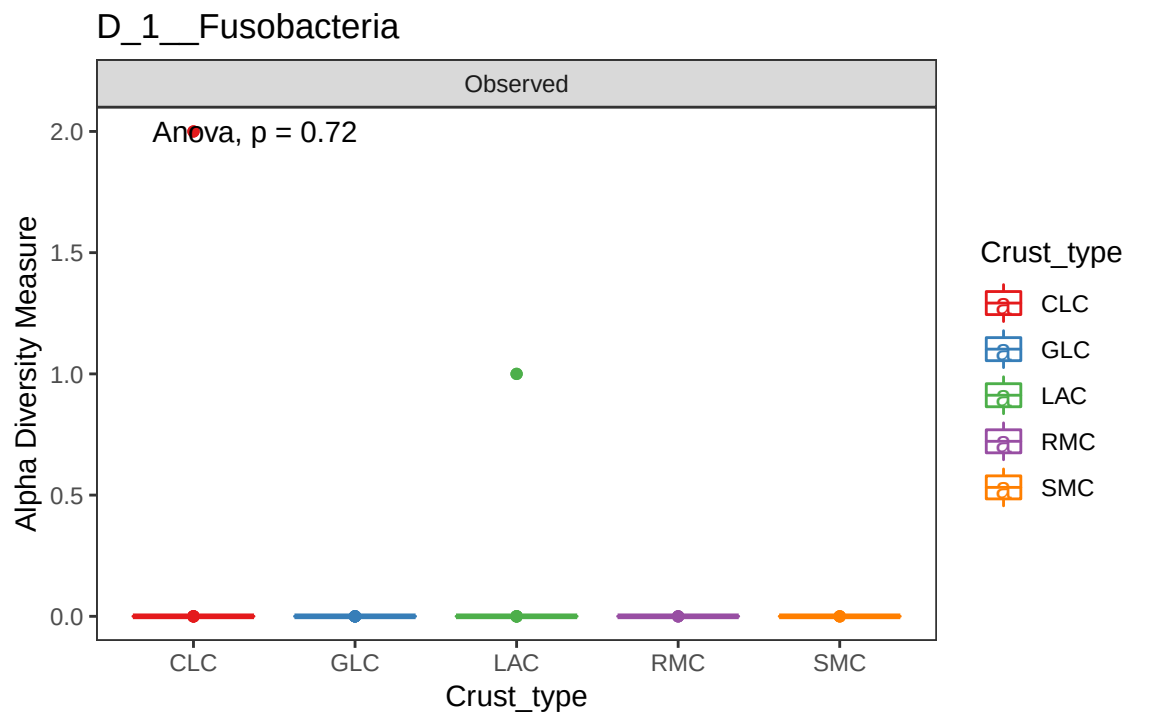
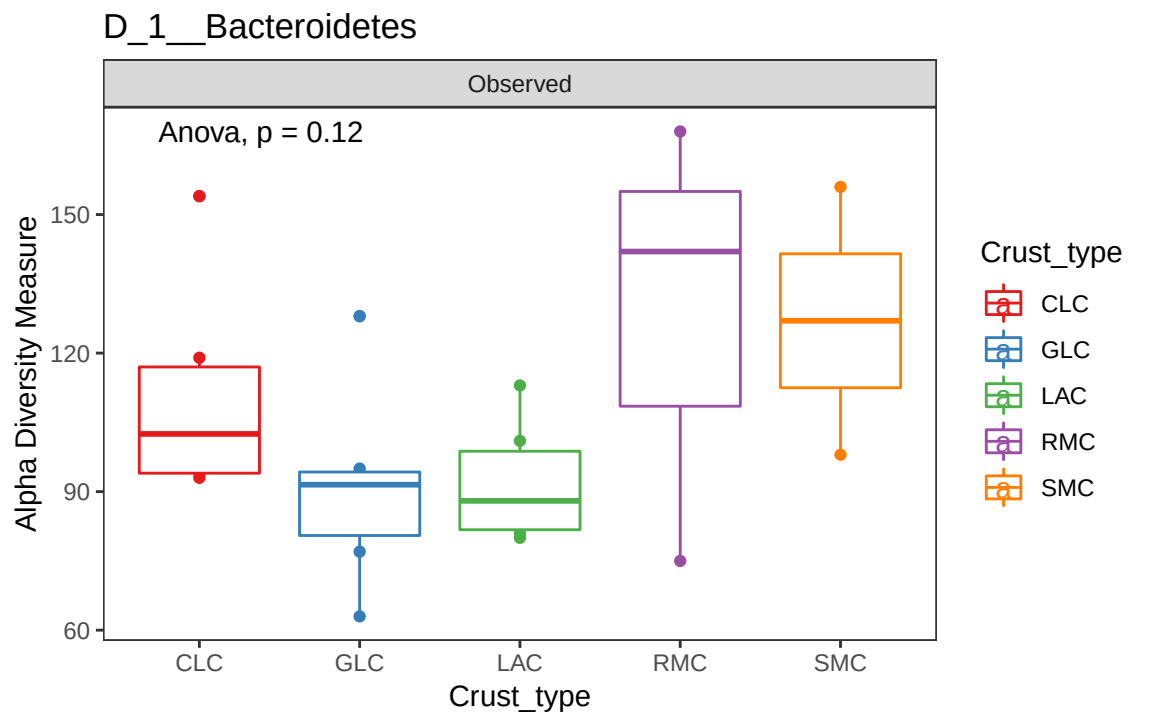
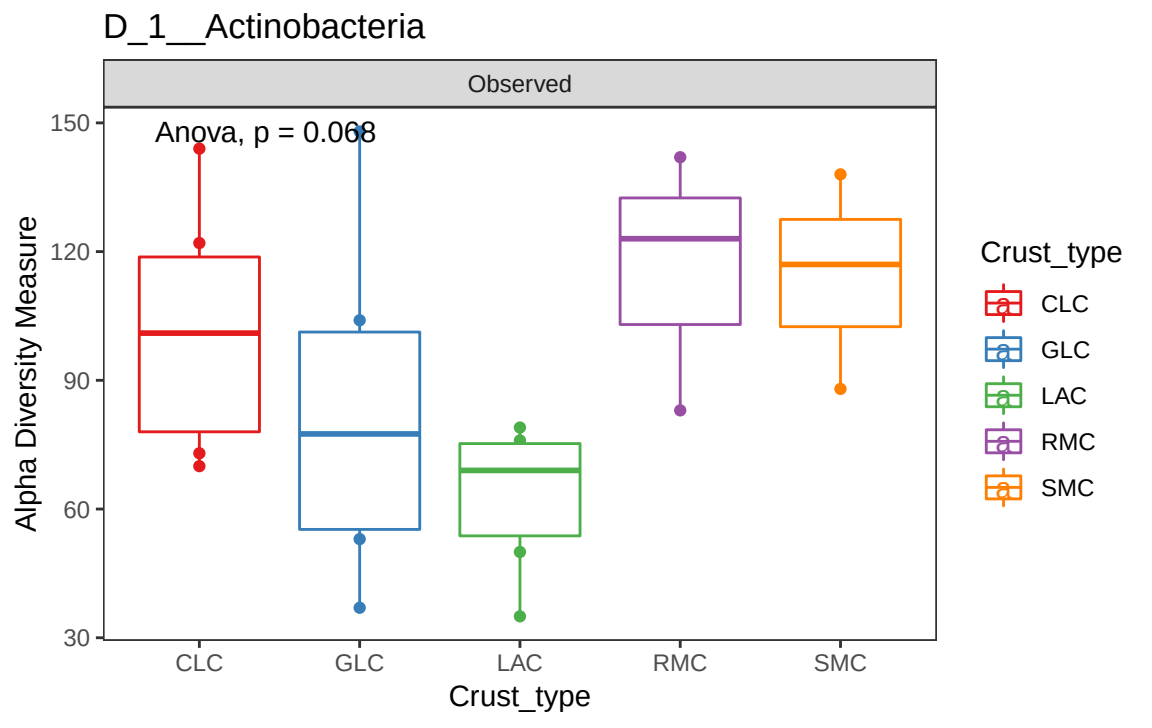
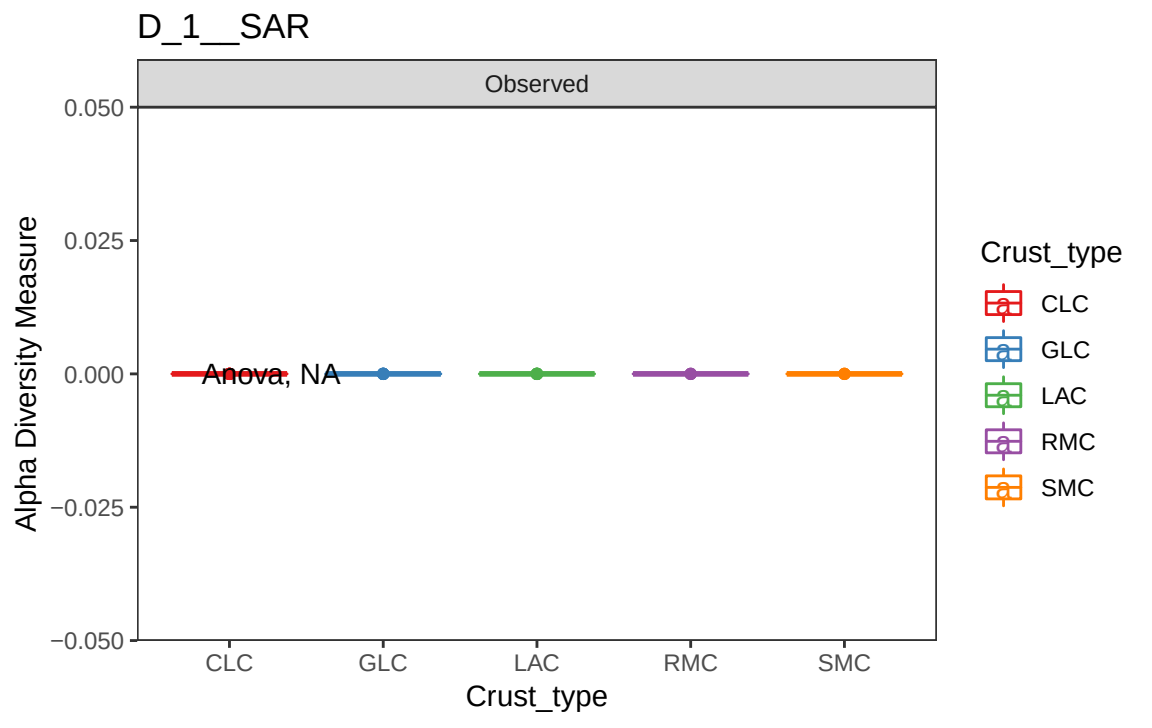

D_1__Proteobacteria
Observed
Anova, p = 0.00097
Alpha Diversity Measure
300
200
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

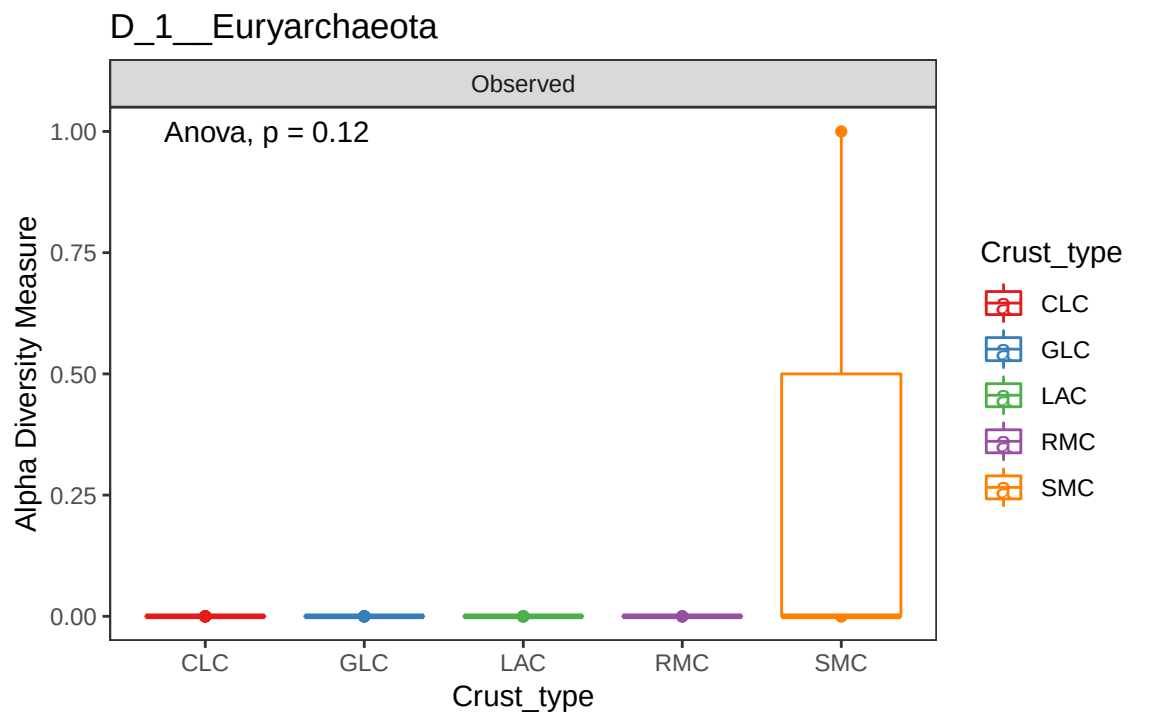

D_1__Firmicutes
Observed
Anova, p = 0.25
10.0
7.5
5.0
2.5
Alpha Diversity Measure
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

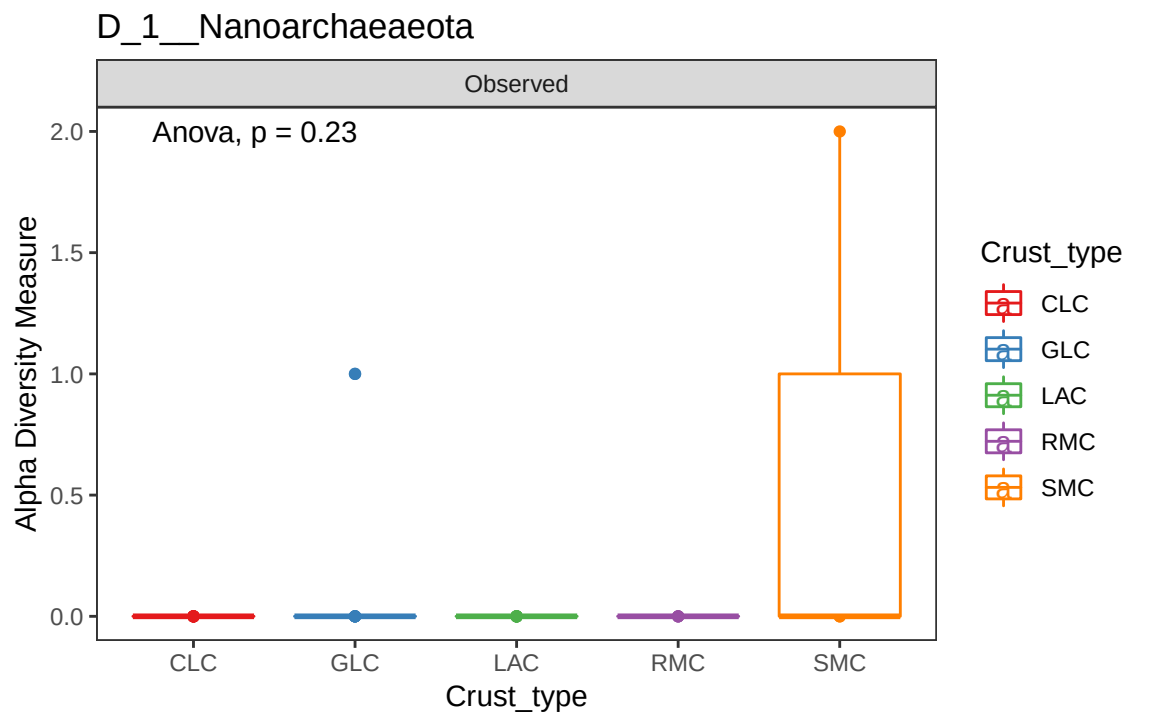

D_1__Fusobacteria
Observed
Anova, p = 0.72
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
CLC
GLC
LAC
RMC
SMC

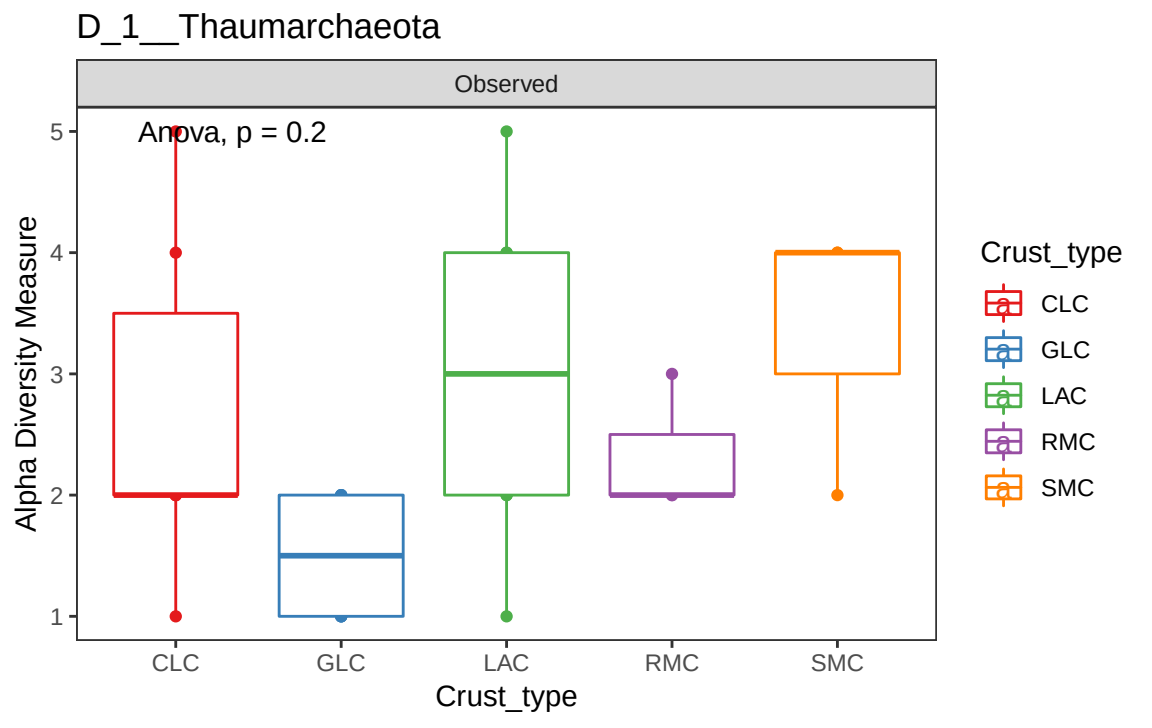

D_1__Bacteroidetes
Observed
Anova, p = 0.12
Alpha Diversity Measure
150
120
90
60
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a

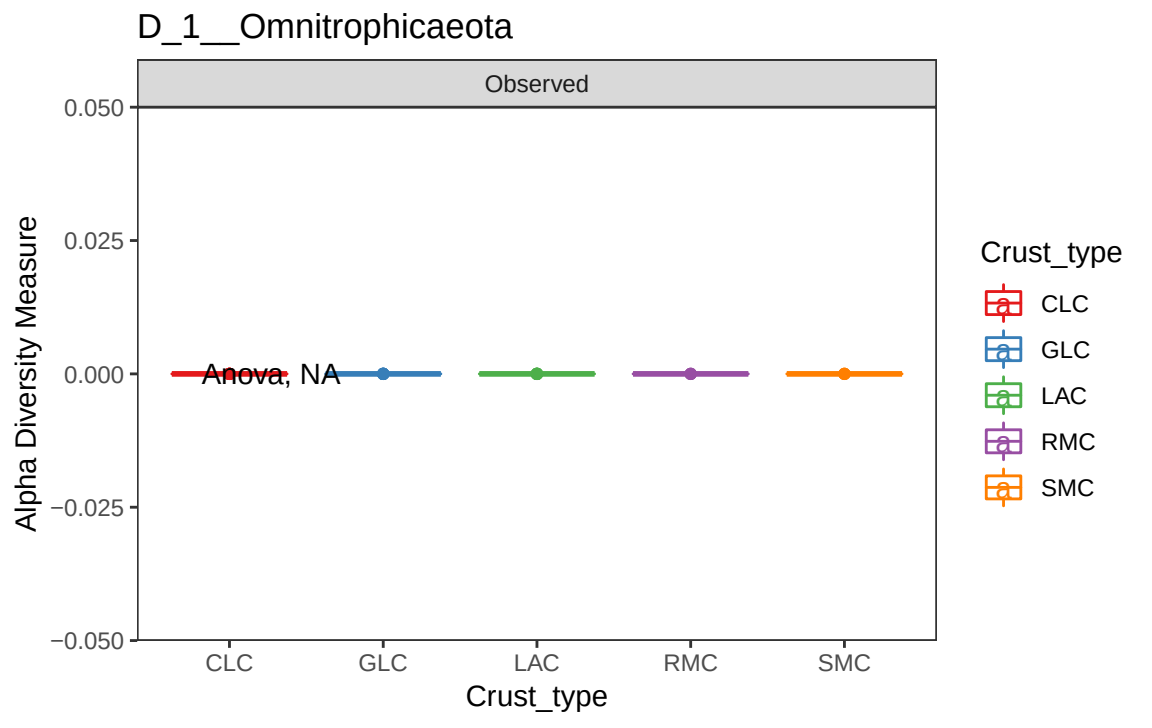

D_1__Actinobacteria
Observed
Anova, p = 0.068
Alpha Diversity Measure
150
120
90
60
30
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

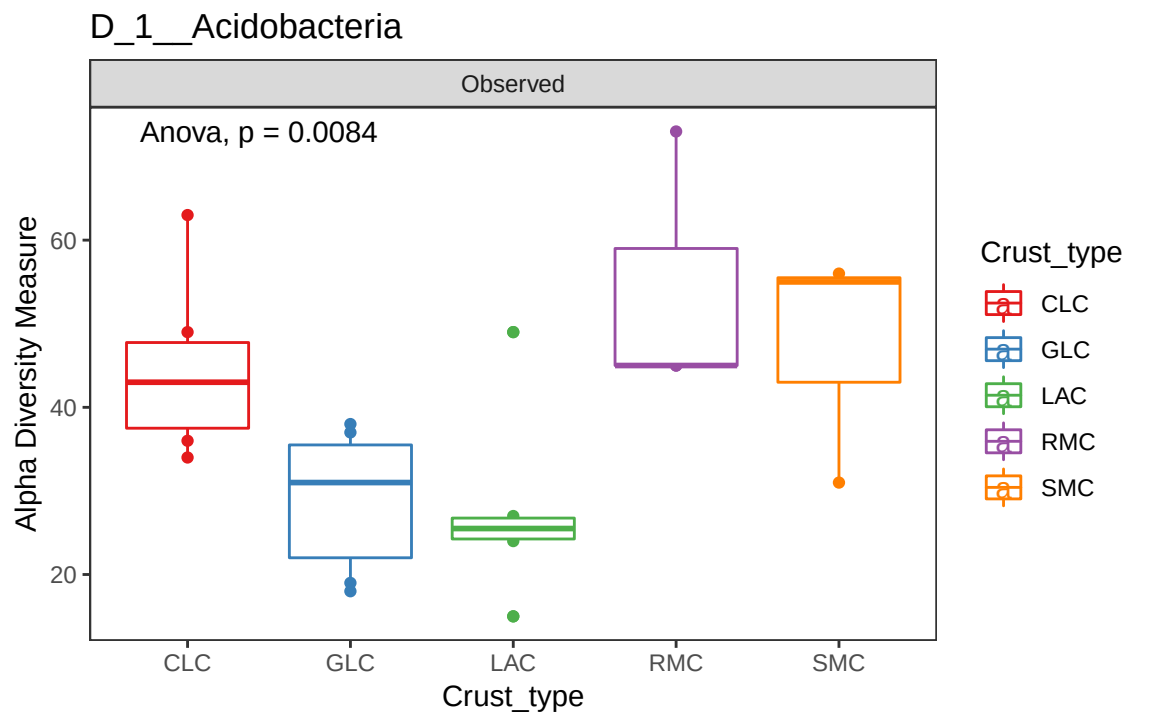

D_1__SAR
Observed
0.050
0.025
0.000
−0.025
−0.050
Alpha Diversity Measure
Anova, NA
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a

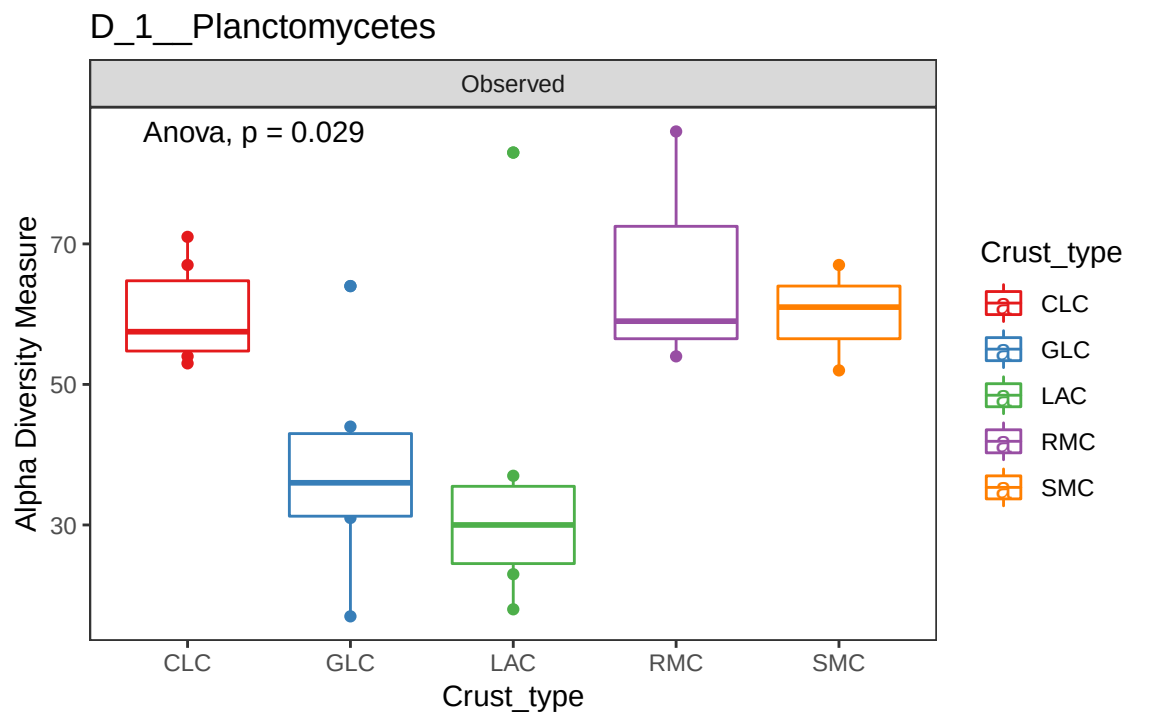

D_1__Euryarchaeota
Observed
Anova, p = 0.12
Alpha Diversity Measure
1.00
0.75
0.50
0.25
0.00
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

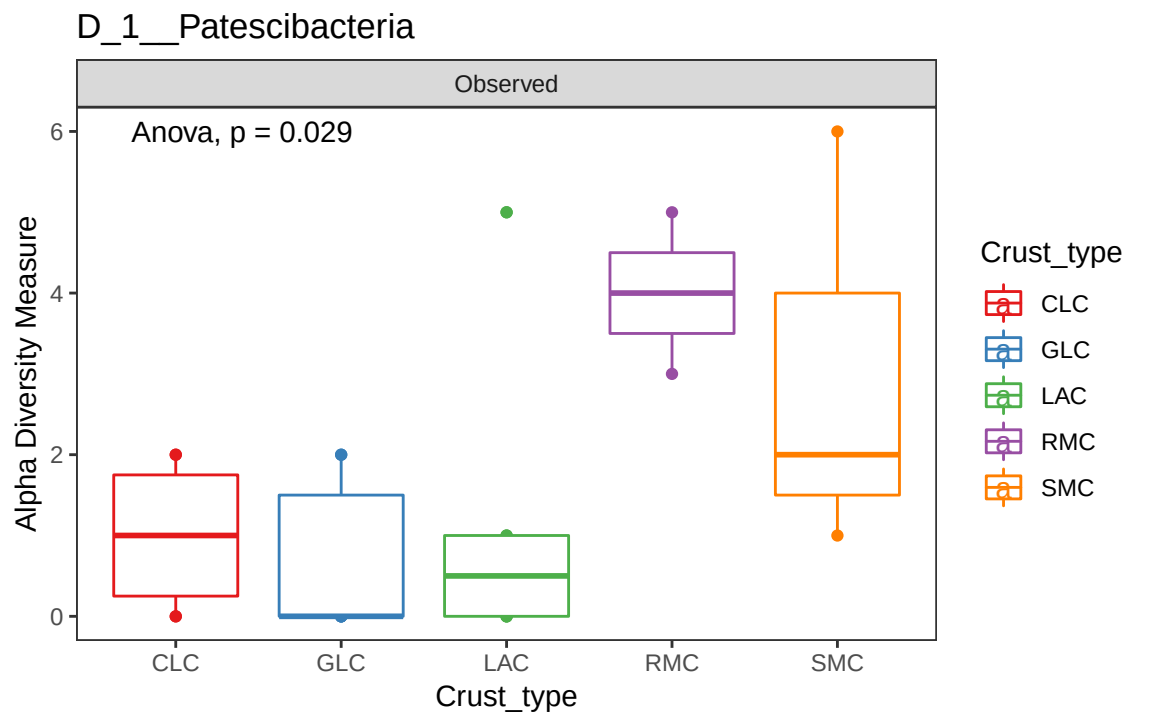

D_1__Nanoarchaeaeota
Observed
Anova, p = 0.23
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

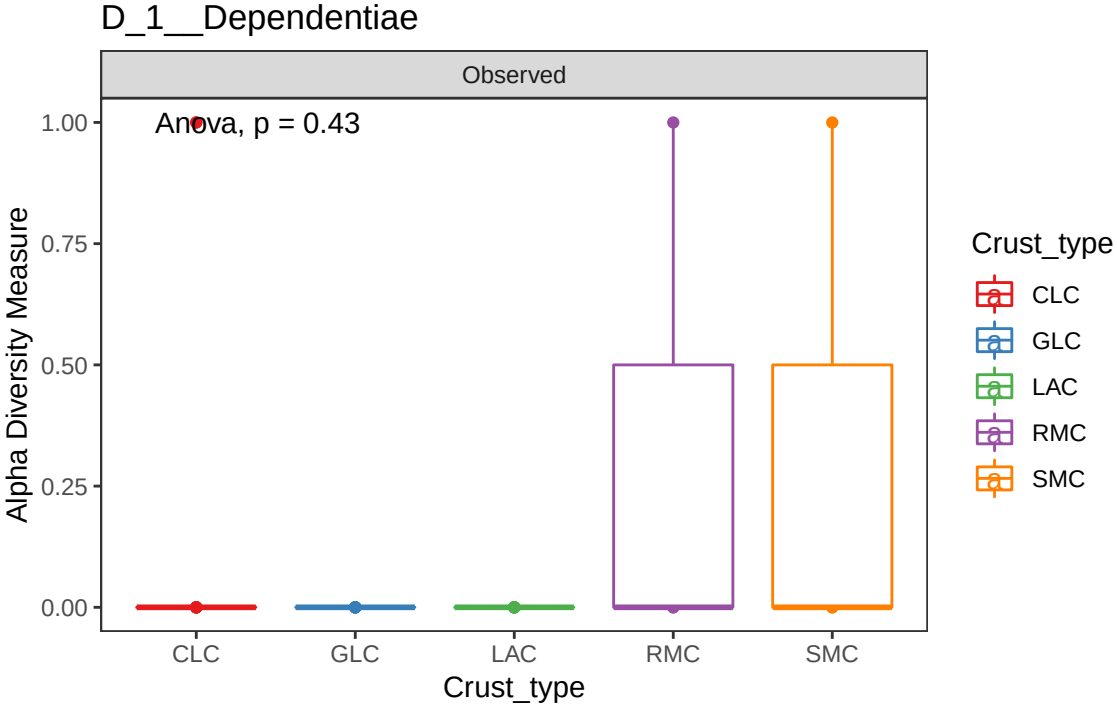

D_1__Thaumarchaeota
Observed
Anova, p = 0.2
Alpha Diversity Measure
5
4
3
2
1
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

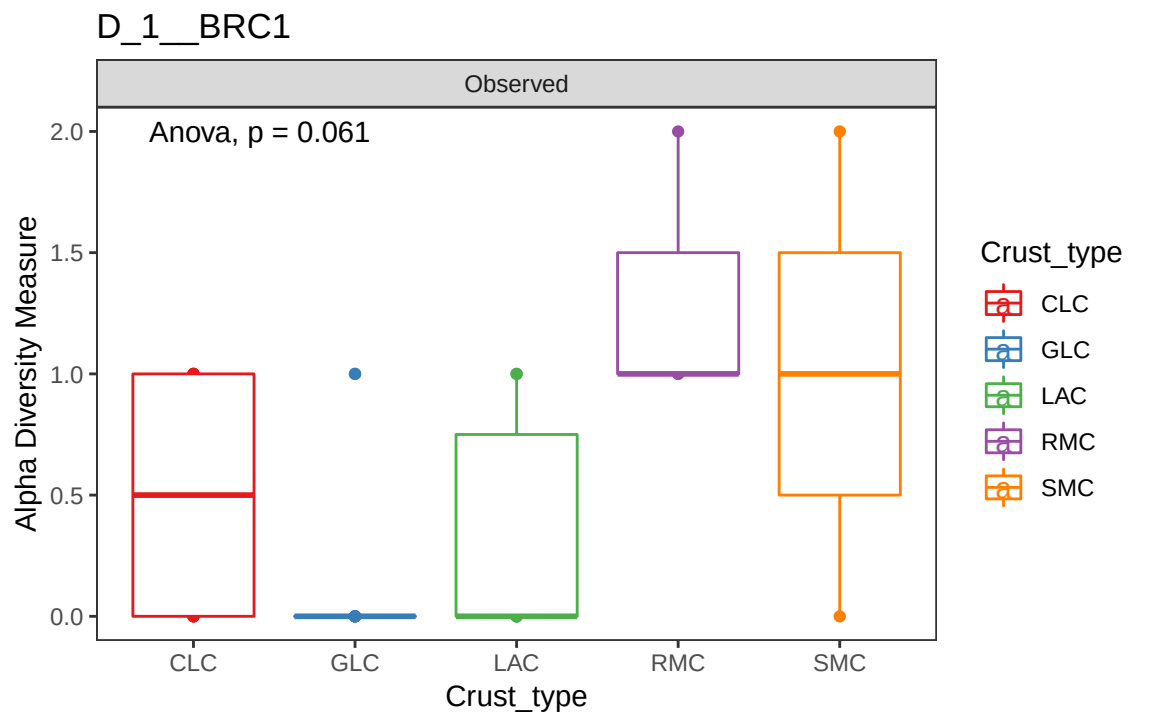

D_1__Omnitrophicaeota
Observed
0.050
0.025
0.000
−0.025
−0.050
Alpha Diversity Measure
Anova, NA
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a

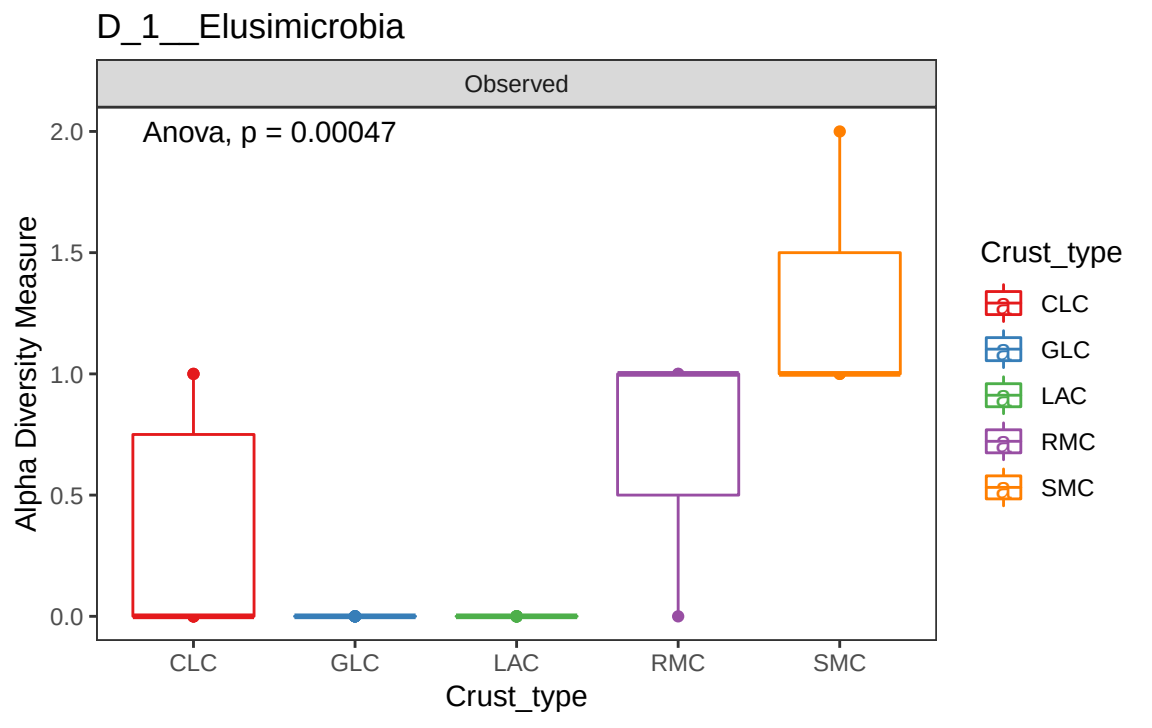

D_1__Acidobacteria
Observed
Anova, p = 0.0084
Alpha Diversity Measure
60
40
20
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
CLC
GLC
LAC
RMC
SMC

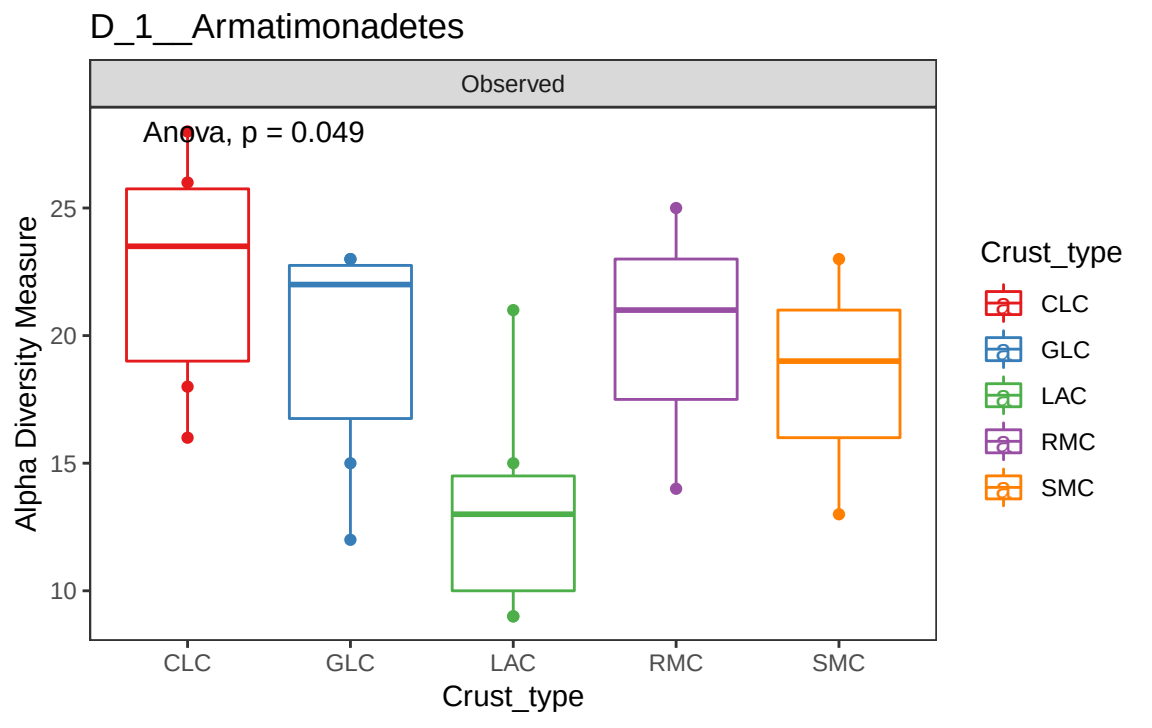

D_1__Planctomycetes
Observed
Anova, p = 0.029
Alpha Diversity Measure
70
50
30
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

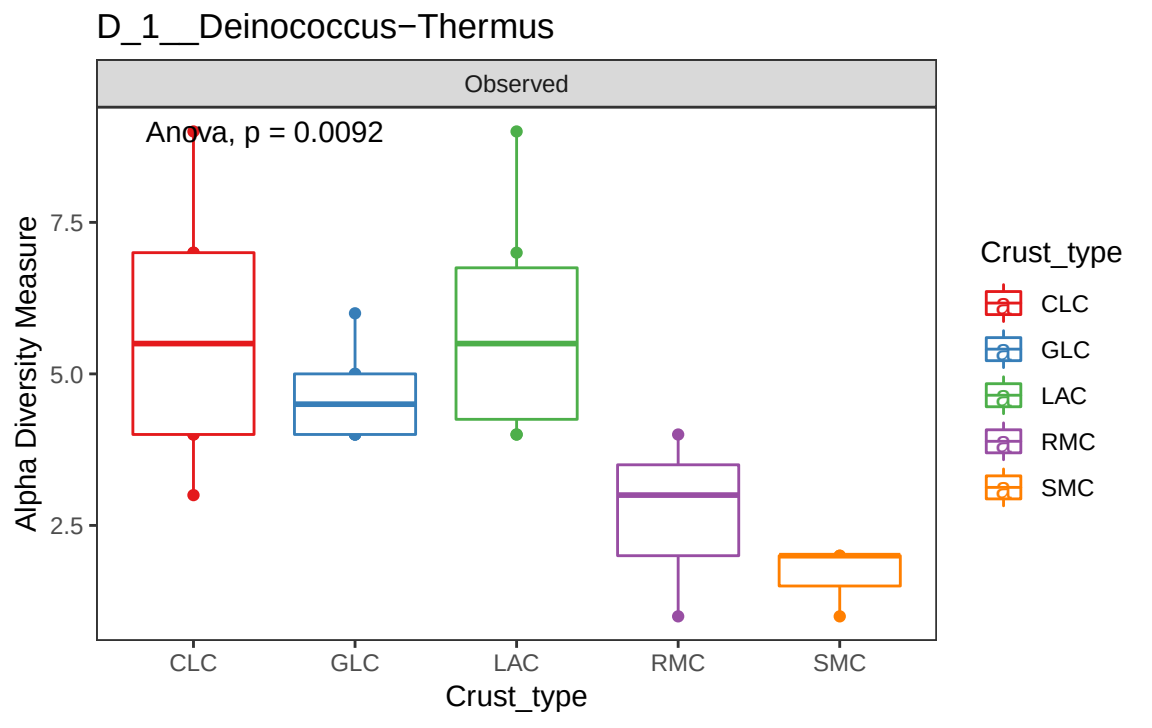

D_1__Patescibacteria
Observed
Anova, p = 0.029
Alpha Diversity Measure
0
2
4
6
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

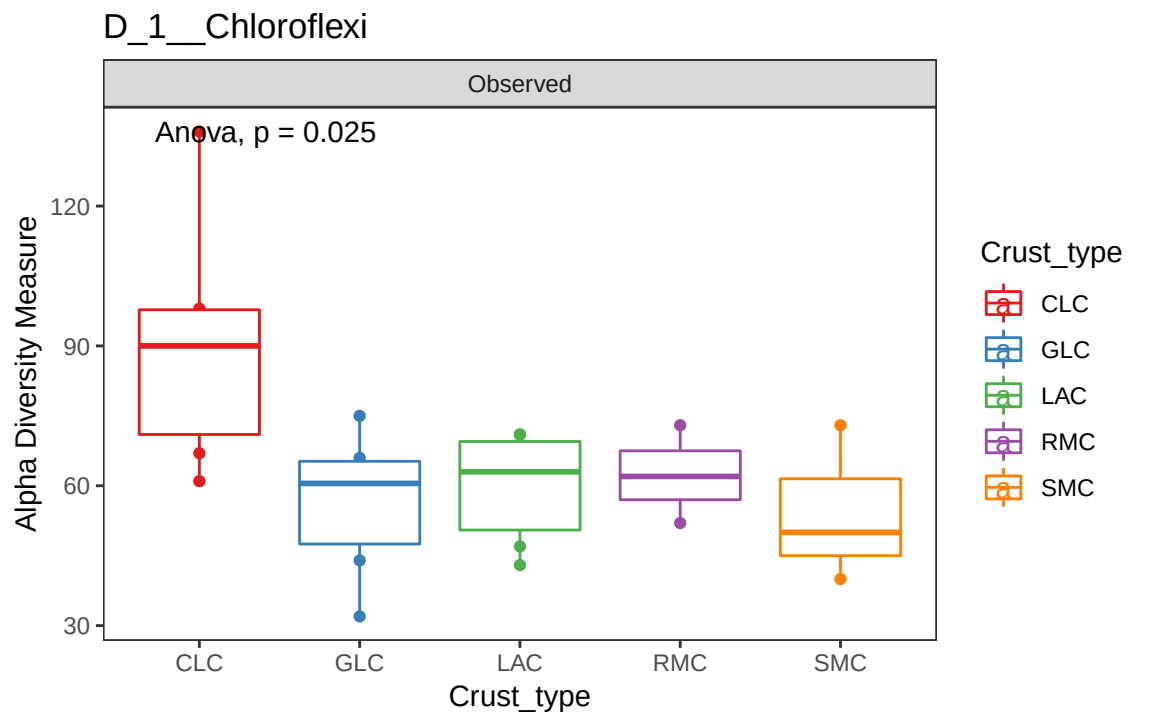

D_1__Dependentiae
Observed
Anova, p = 0.43
Alpha Diversity Measure
1.00
0.75
0.50
0.25
0.00
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

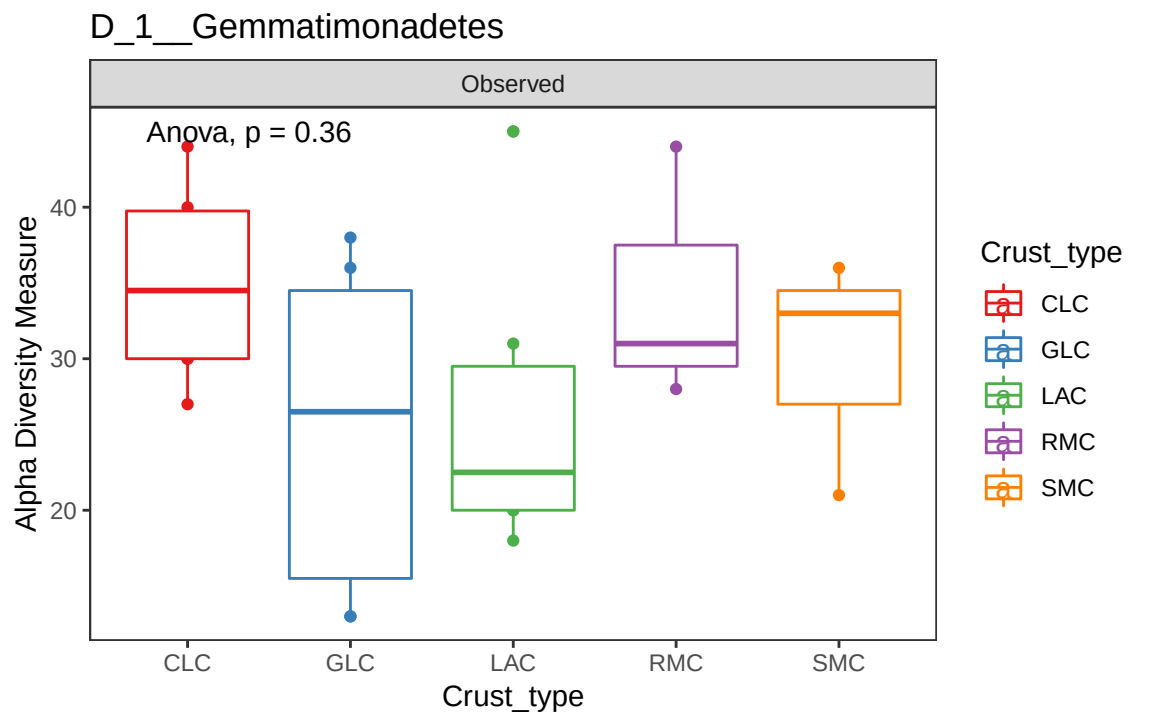

D_1__BRC1
Observed
Anova, p = 0.061
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

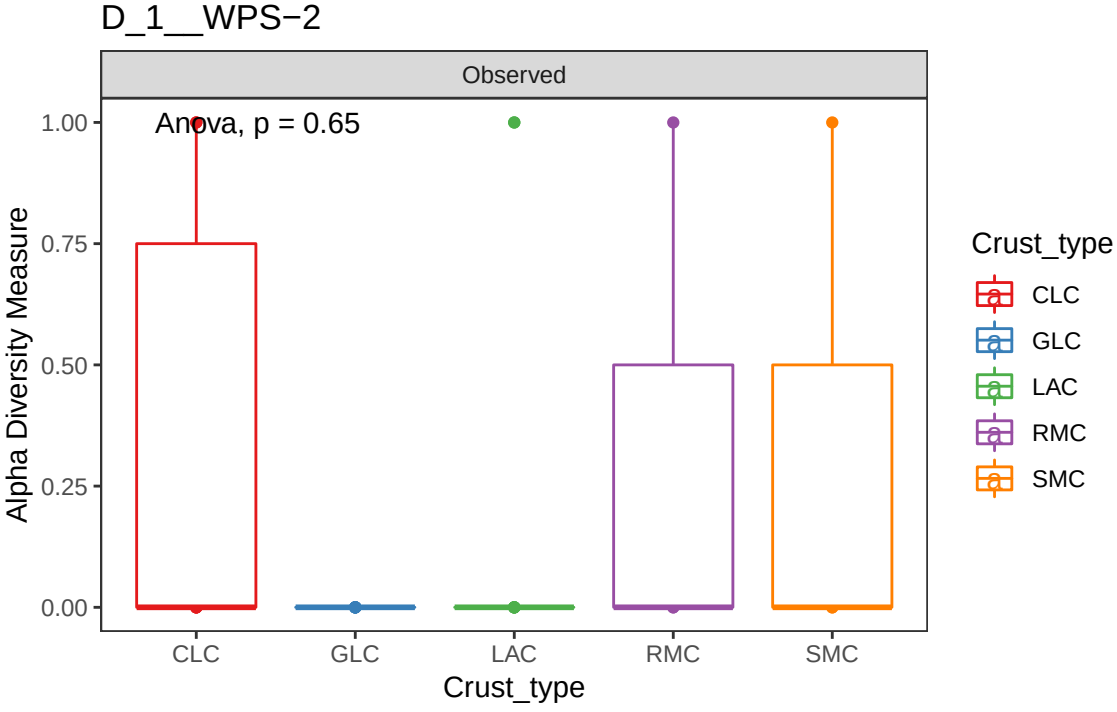

D_1__Elusimicrobia
Observed
Anova, p = 0.00047
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

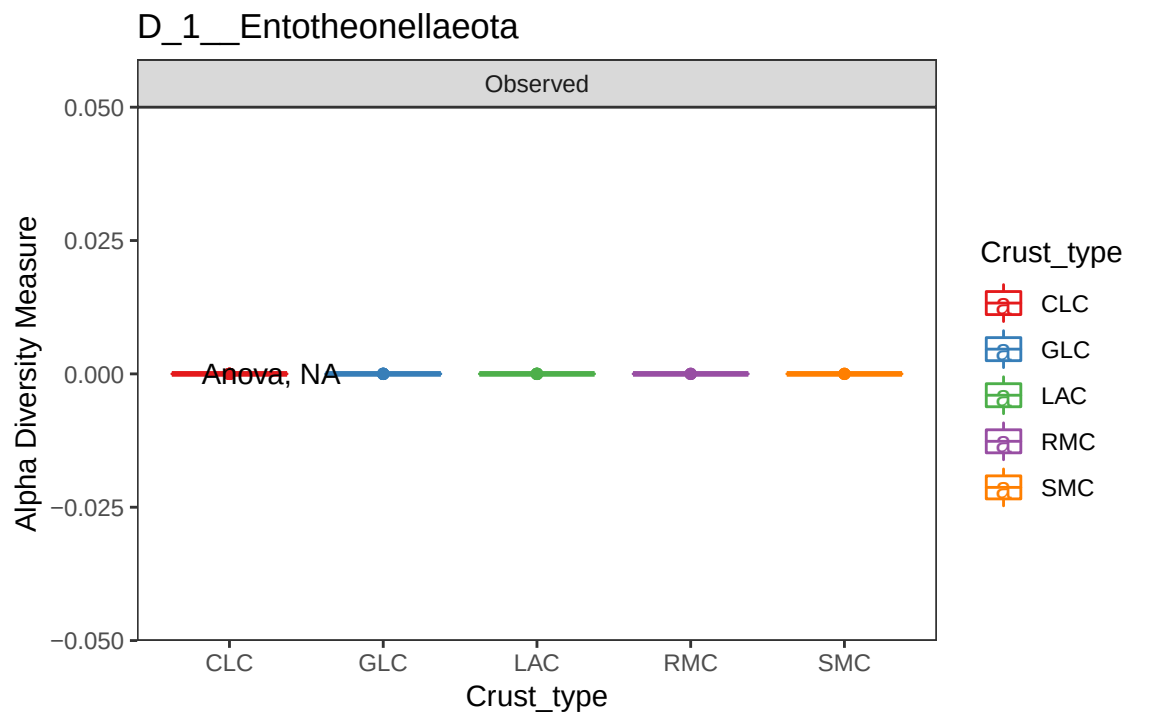

D_1__Armatimonadetes
Observed
Anova, p = 0.049
Alpha Diversity Measure
25
20
15
10
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

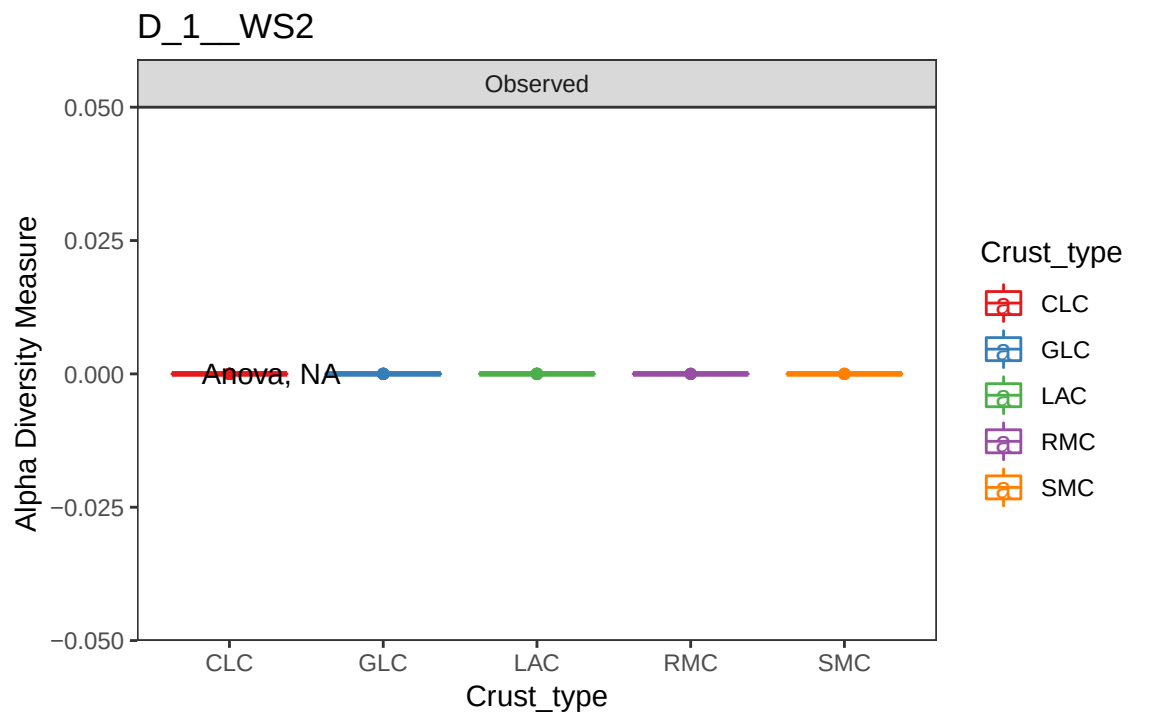

D_1__Deinococcus−Thermus
Observed
Anova, p = 0.0092
Alpha Diversity Measure
7.5
5.0
2.5
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

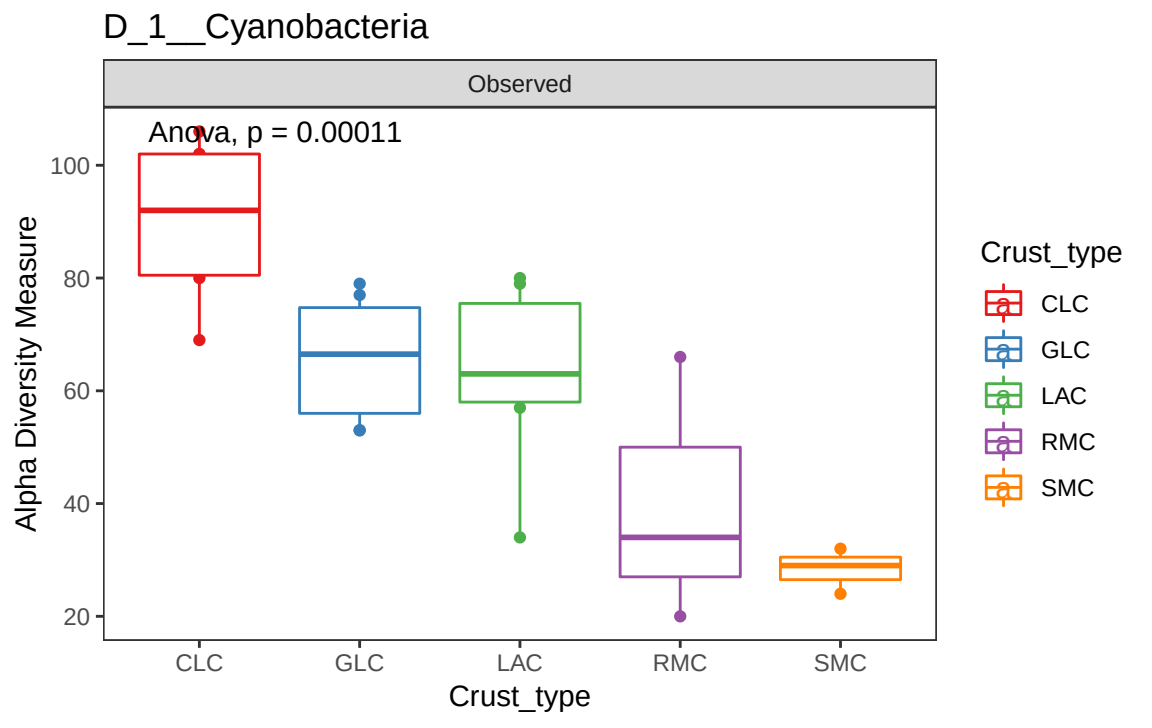

D_1__Chloroflexi
Observed
Anova, p = 0.025
Alpha Diversity Measure
120
90
60
30
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC
a
a
a
a
a

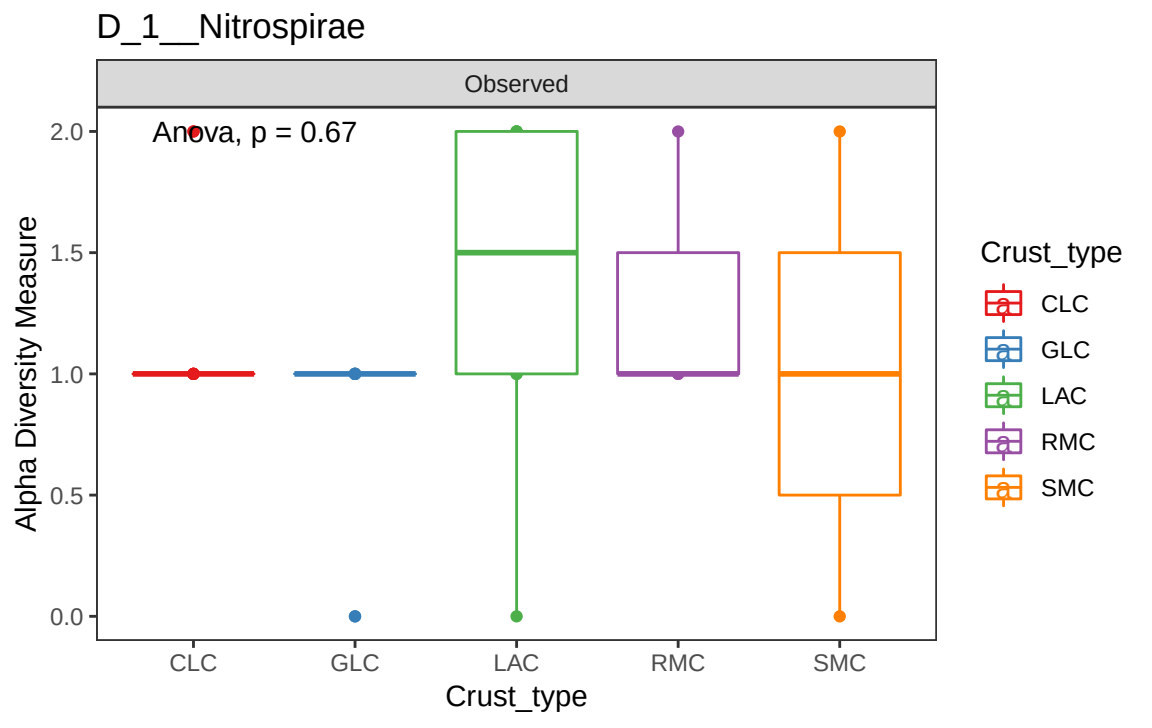

D_1__Gemmatimonadetes
Observed
Anova, p = 0.36
Alpha Diversity Measure
40
30
20
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

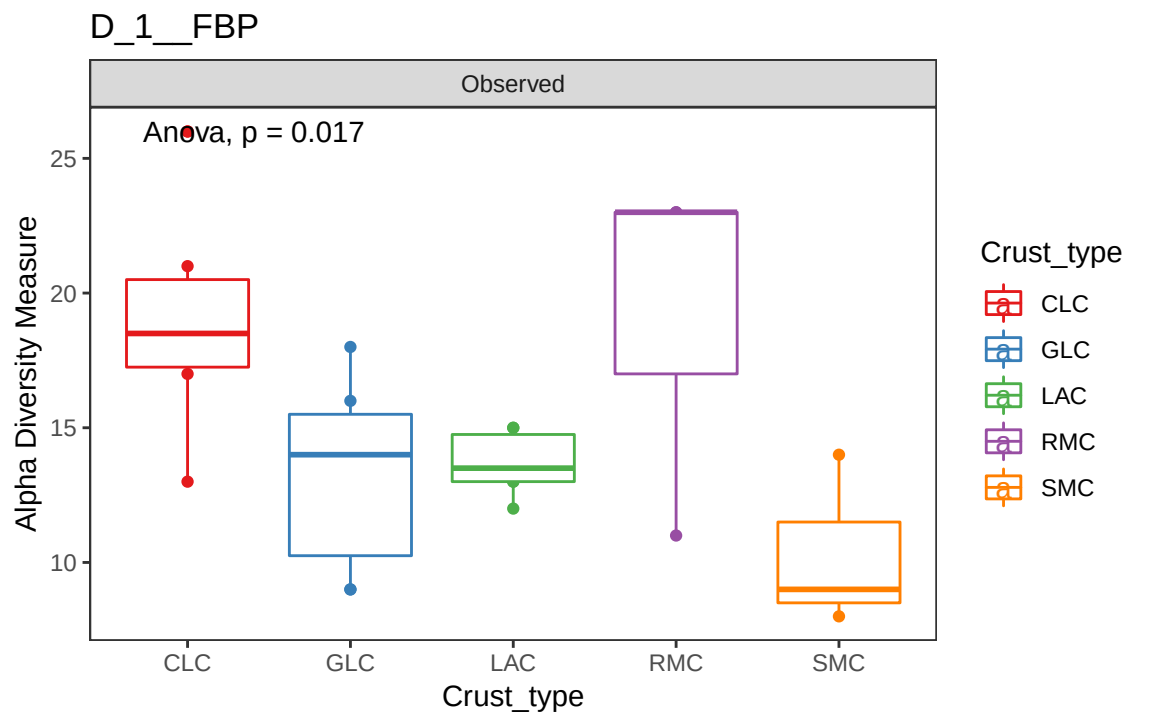

D_1__WPS−2
Observed
Anova, p = 0.65
Alpha Diversity Measure
1.00
0.75
0.50
0.25
0.00
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC

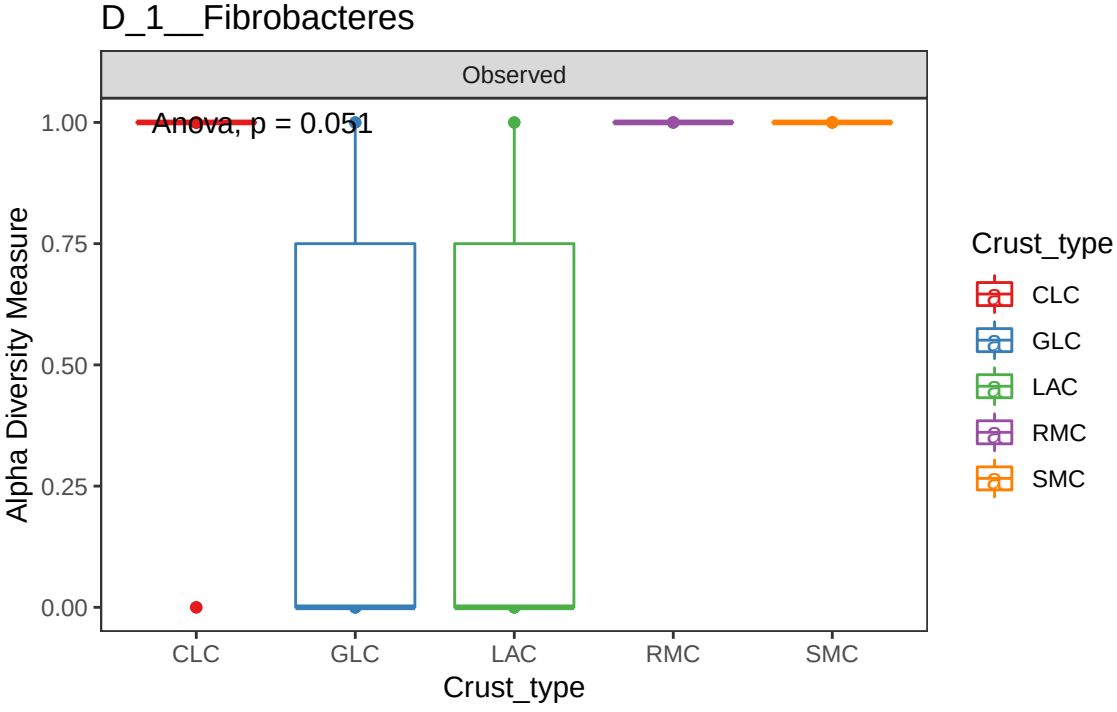

D_1__Entotheonellaeota
Observed
0.050
0.025
0.000
−0.025
−0.050
Alpha Diversity Measure
Anova, NA
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a

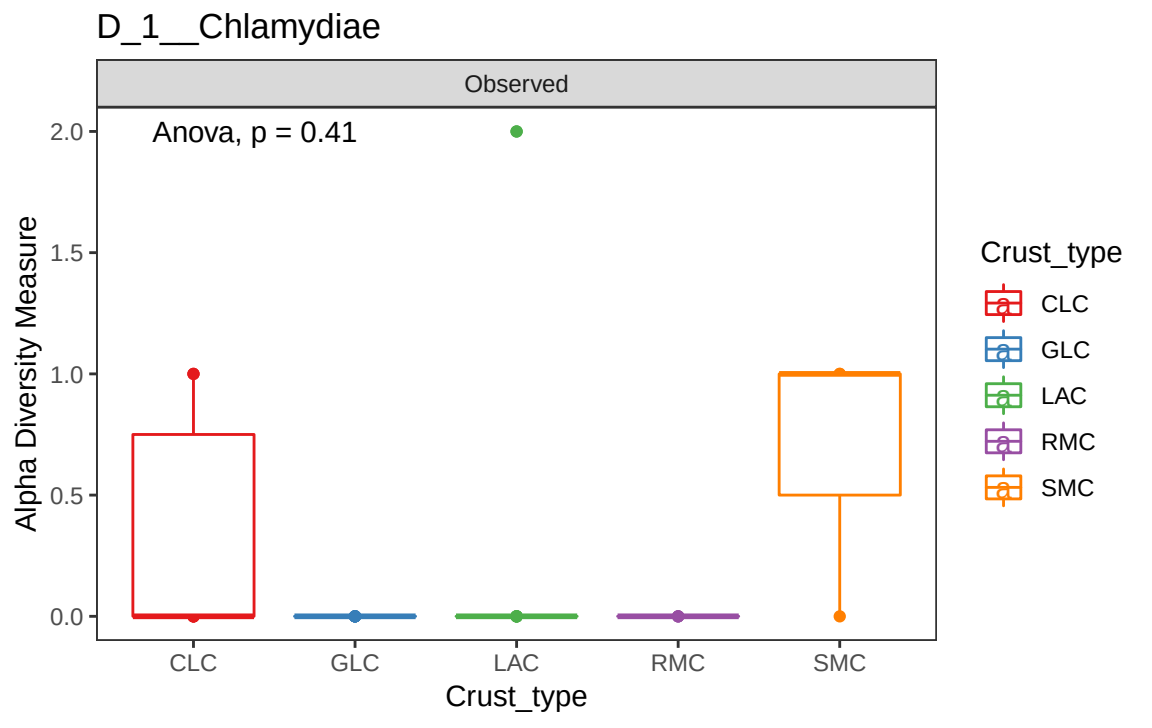

D_1__WS2
Observed
0.050
0.025
0.000
−0.025
−0.050
Alpha Diversity Measure
Anova, NA
CLC
GLC
LAC
RMC
SMC
Crust_type
a
Crust_type
CLC
GLC
LAC
RMC
SMC

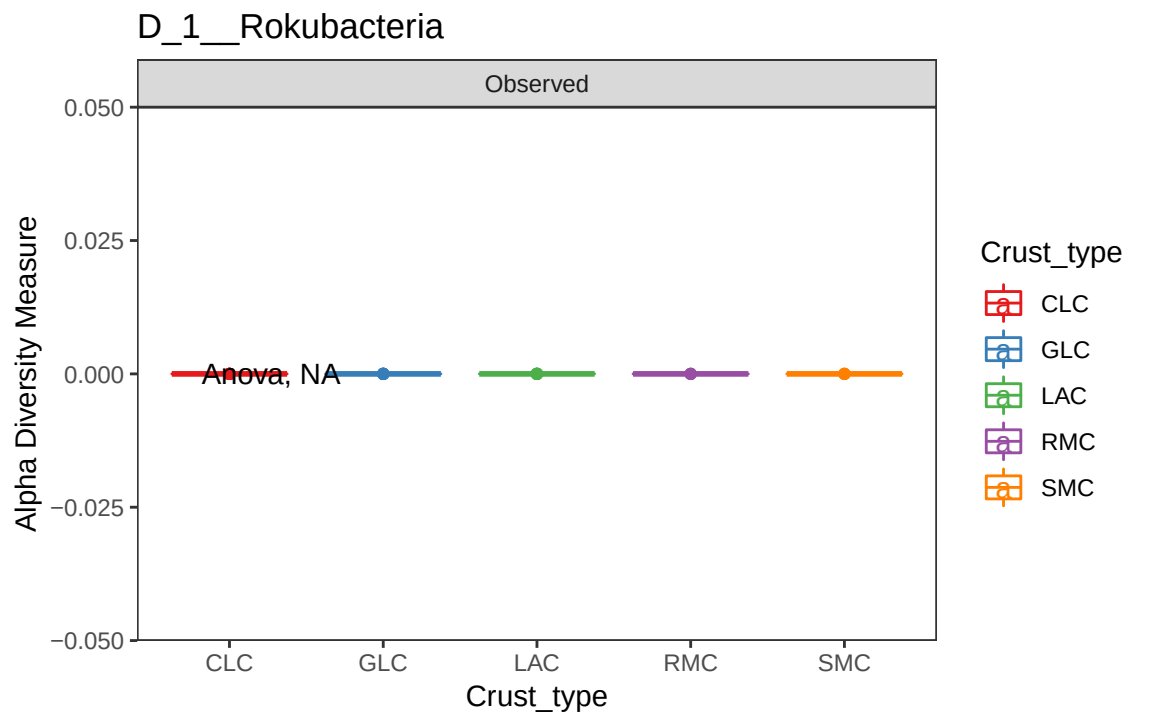

D_1__Cyanobacteria
Observed
Anova, p = 0.00011
Alpha Diversity Measure
100
80
60
40
20
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC

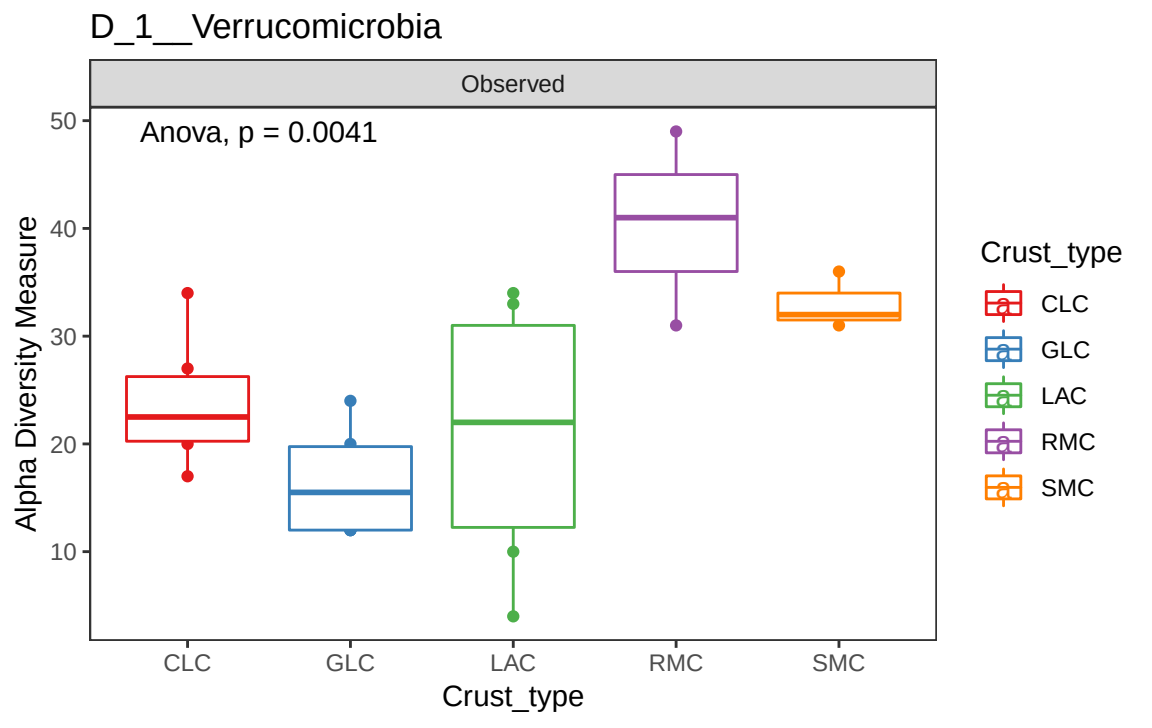

D_1__Nitrospirae
Observed
Anova, p = 0.67
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC


D_1__FBP
Observed
Anova, p = 0.017
Alpha Diversity Measure
25
20
15
10
CLC
GLC
LAC
RMC
SMC
Crust_type
a
a
a
a
a
Crust_type
CLC
GLC
LAC
RMC
SMC


D_1__Fibrobacteres
Observed
Anova, p = 0.051
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a
CLC
GLC
LAC
RMC
SMC


D_1__Chlamydiae
Observed
Anova, p = 0.41
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
CLC
GLC
LAC
RMC
SMC


D_1__Rokubacteria
Observed
0.050
0.025
0.000
−0.025
−0.050
Alpha Diversity Measure
Anova, NA
a
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type


D_1__Verrucomicrobia
Observed
Anova, p = 0.0041
Alpha Diversity Measure
50
40
30
20
10
CLC
GLC
LAC
RMC
SMC
Crust_type
Crust_type
a
a
a
a
a