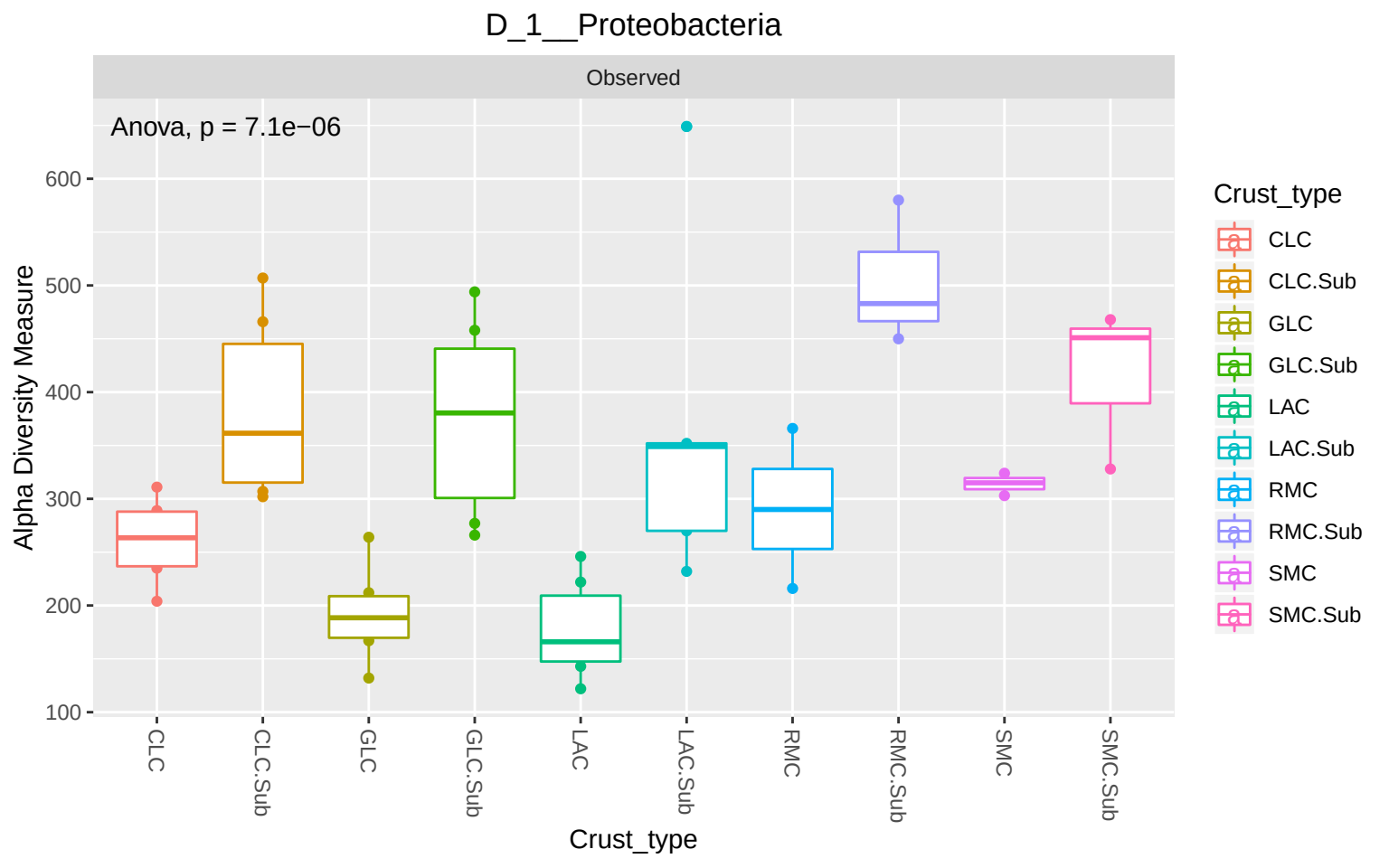
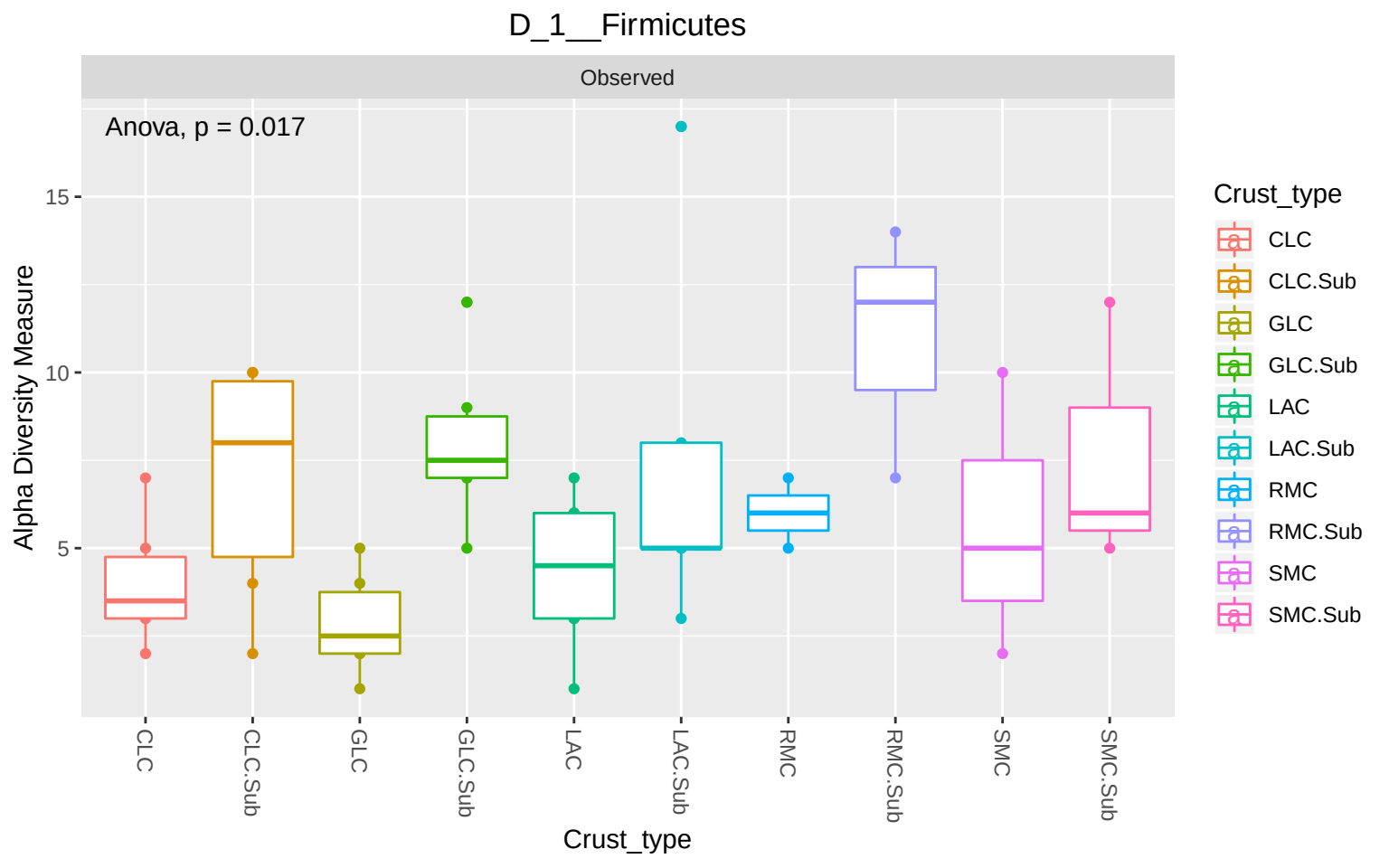
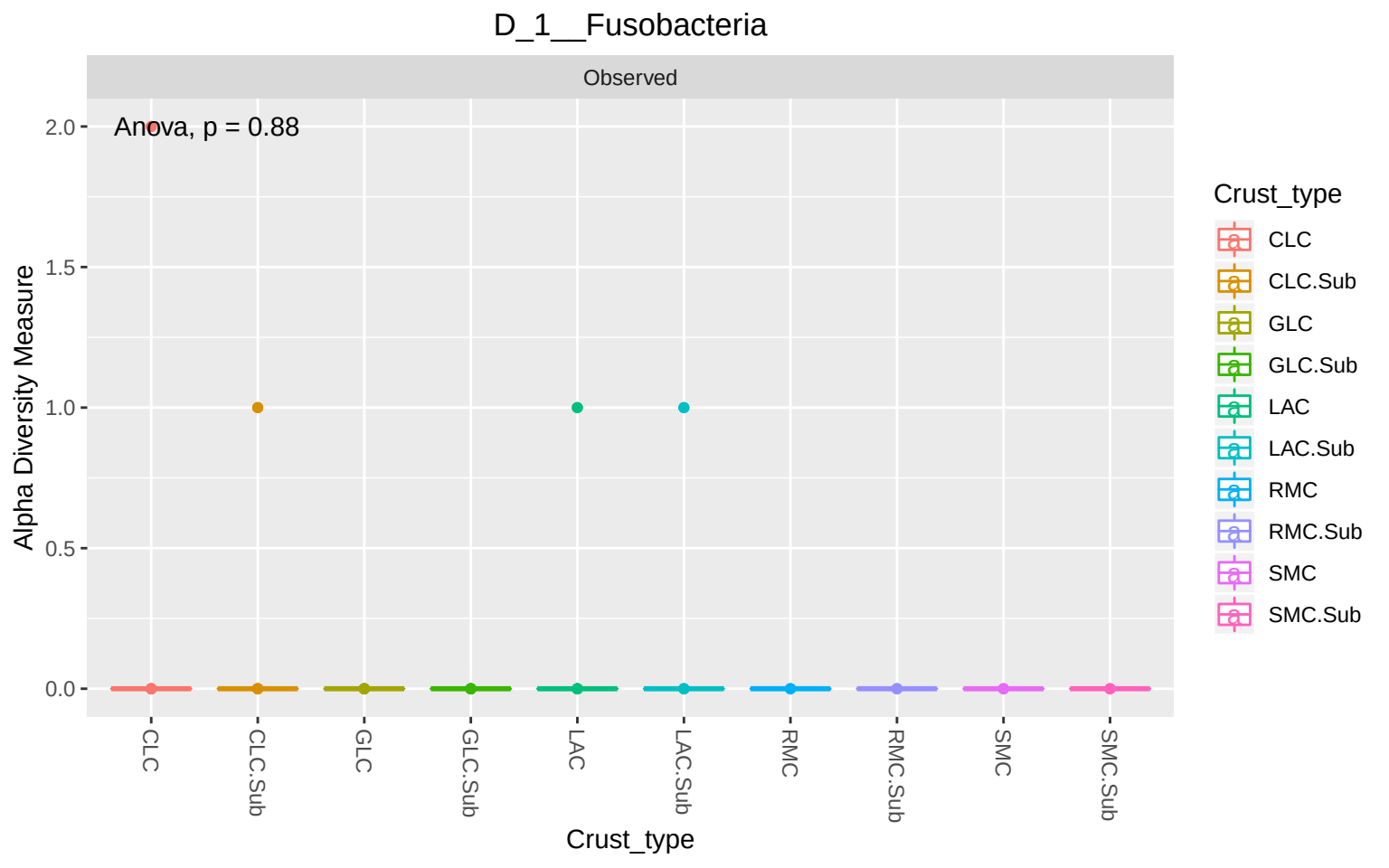
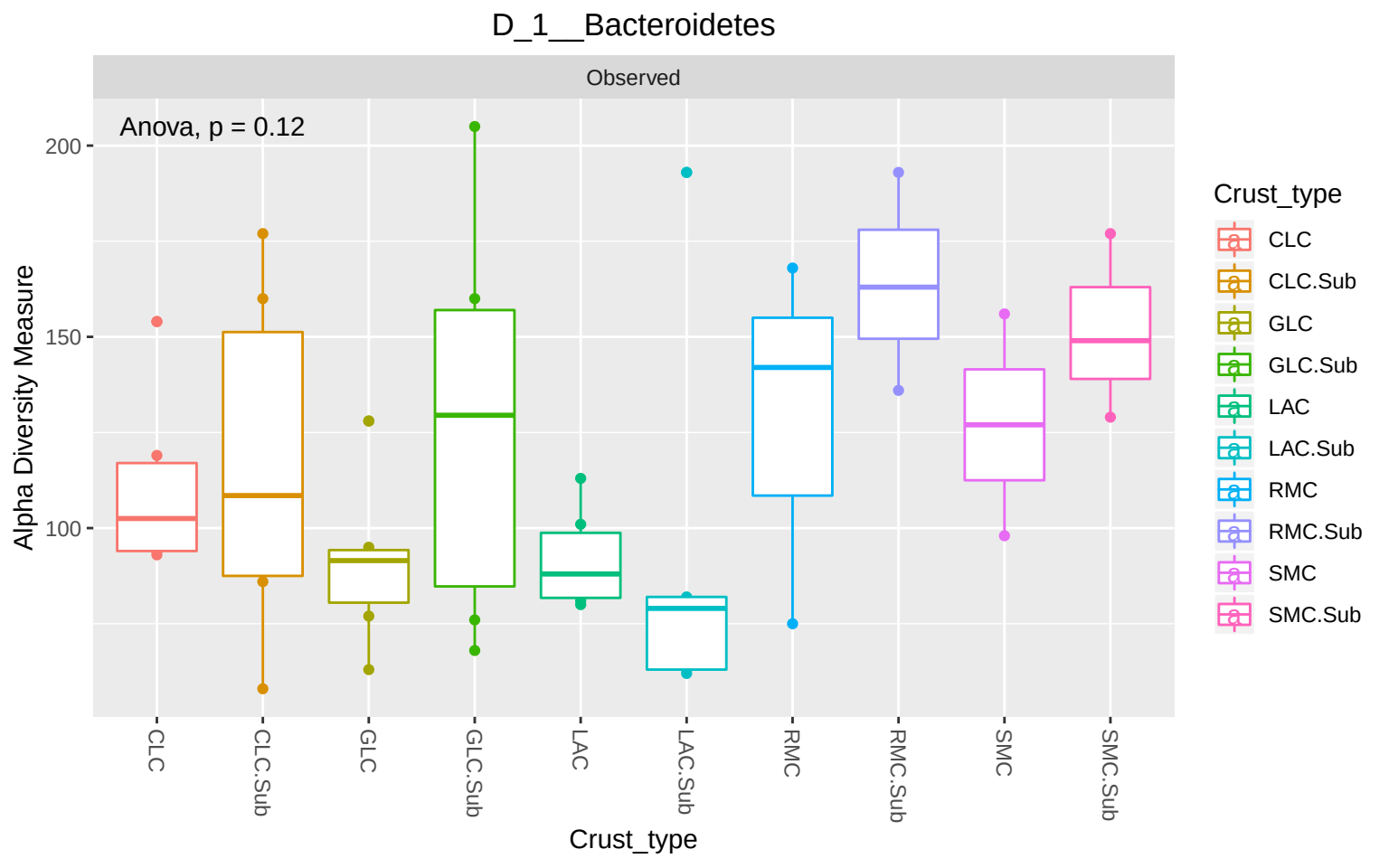
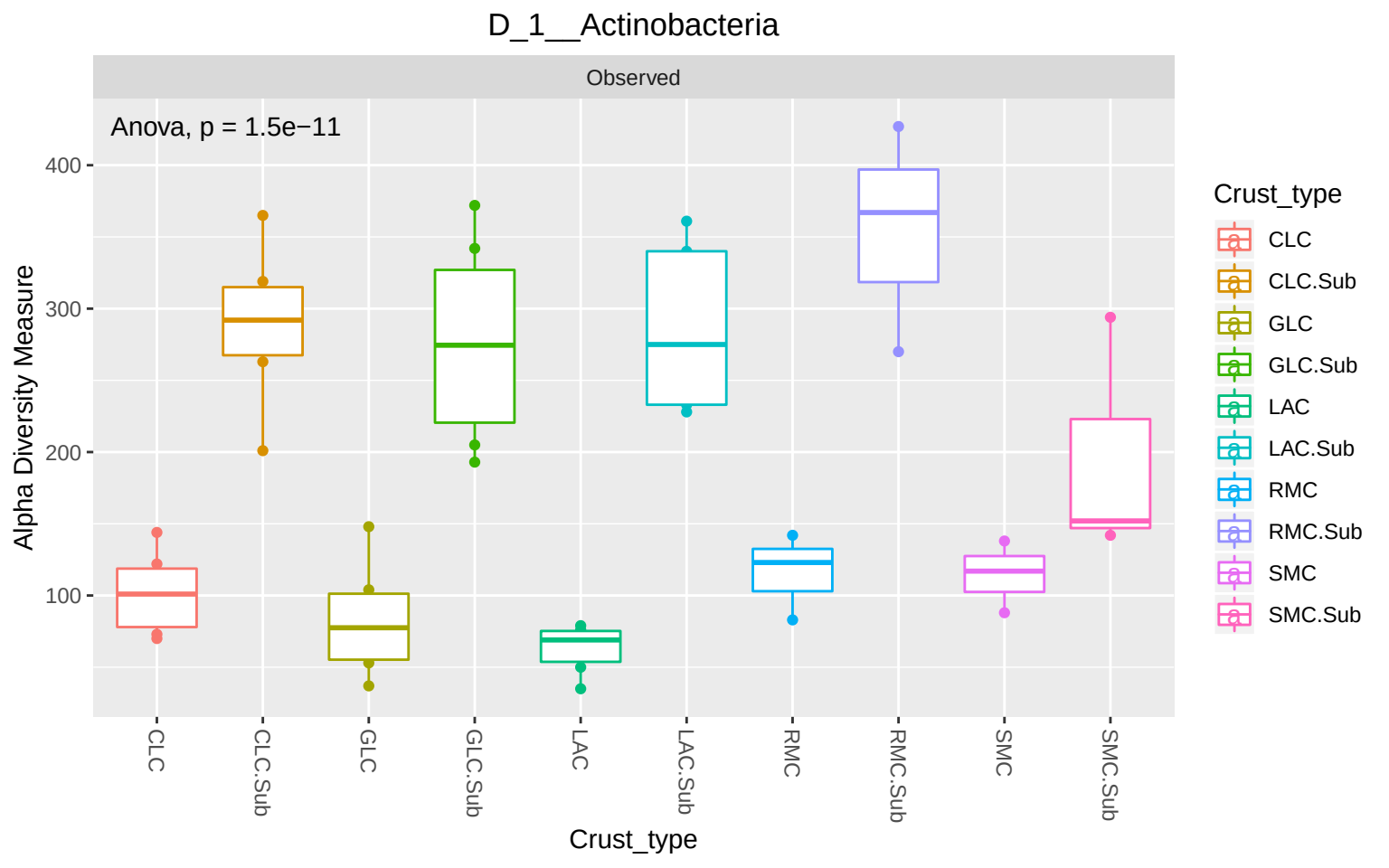
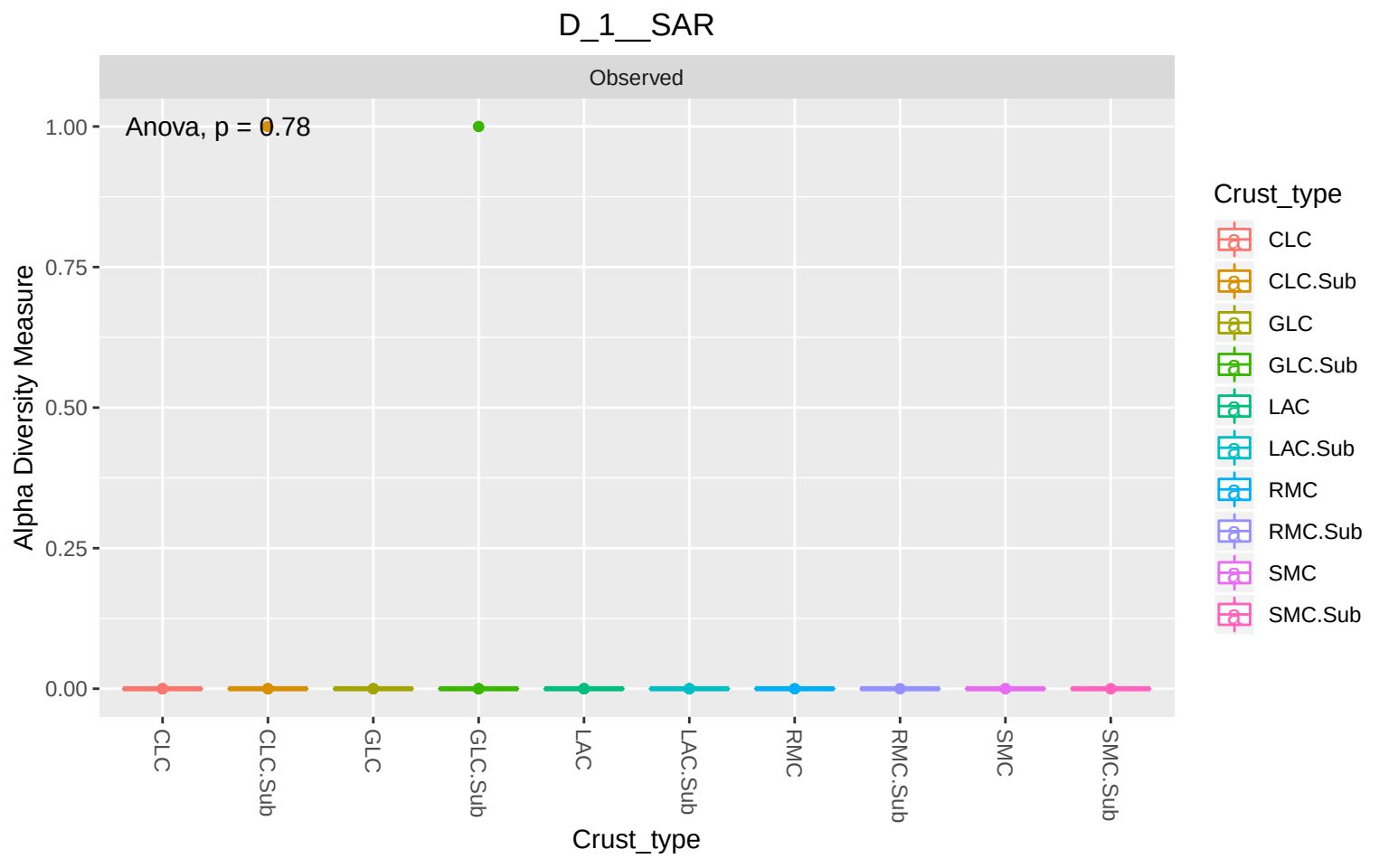

D_1__Proteobacteria
Observed
Anova, p = 7.1e−06
Alpha Diversity Measure
600
500
400
300
200
100
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

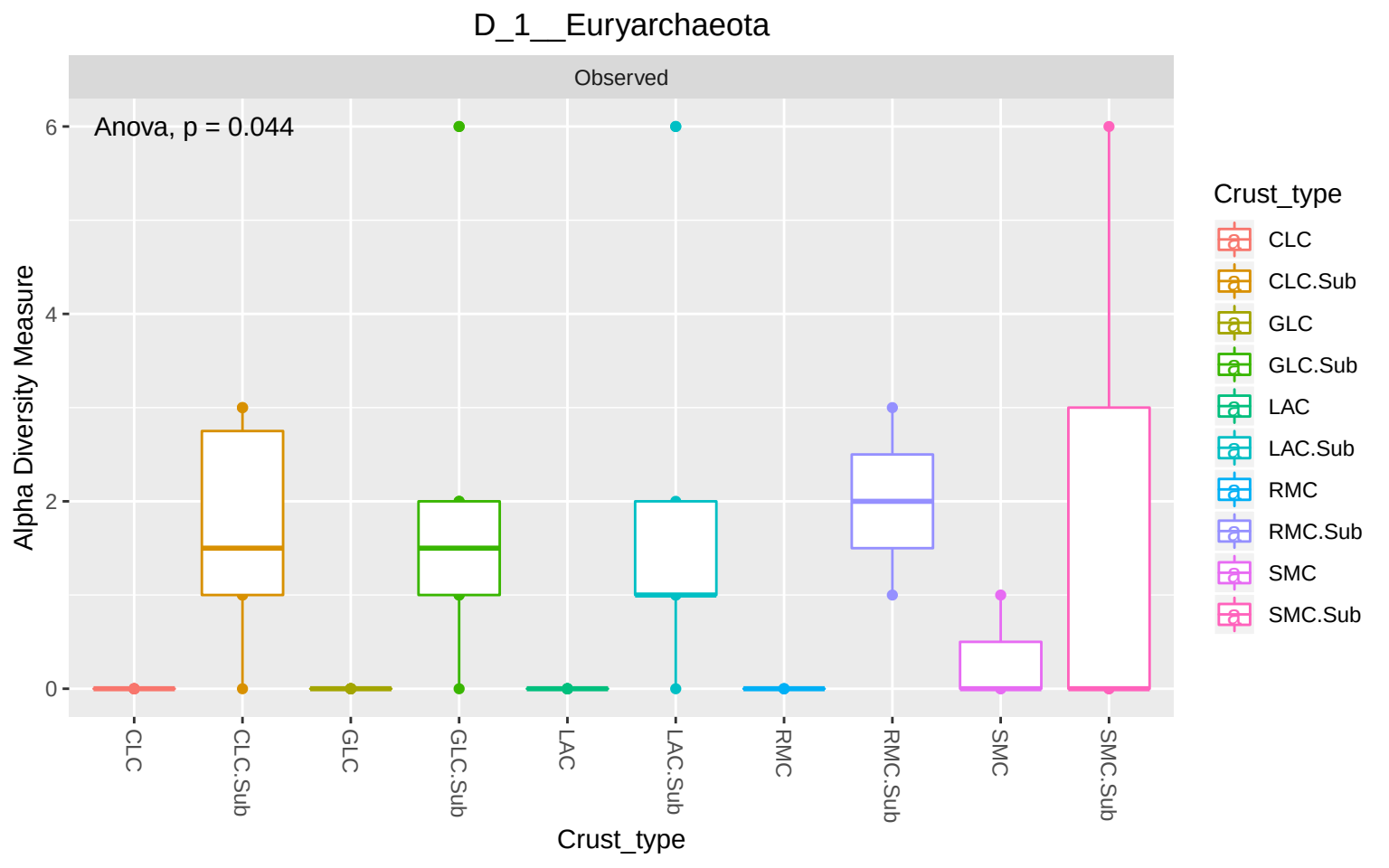

D_1__Firmicutes
Observed
Anova, p = 0.017
Alpha Diversity Measure
15
10
5
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

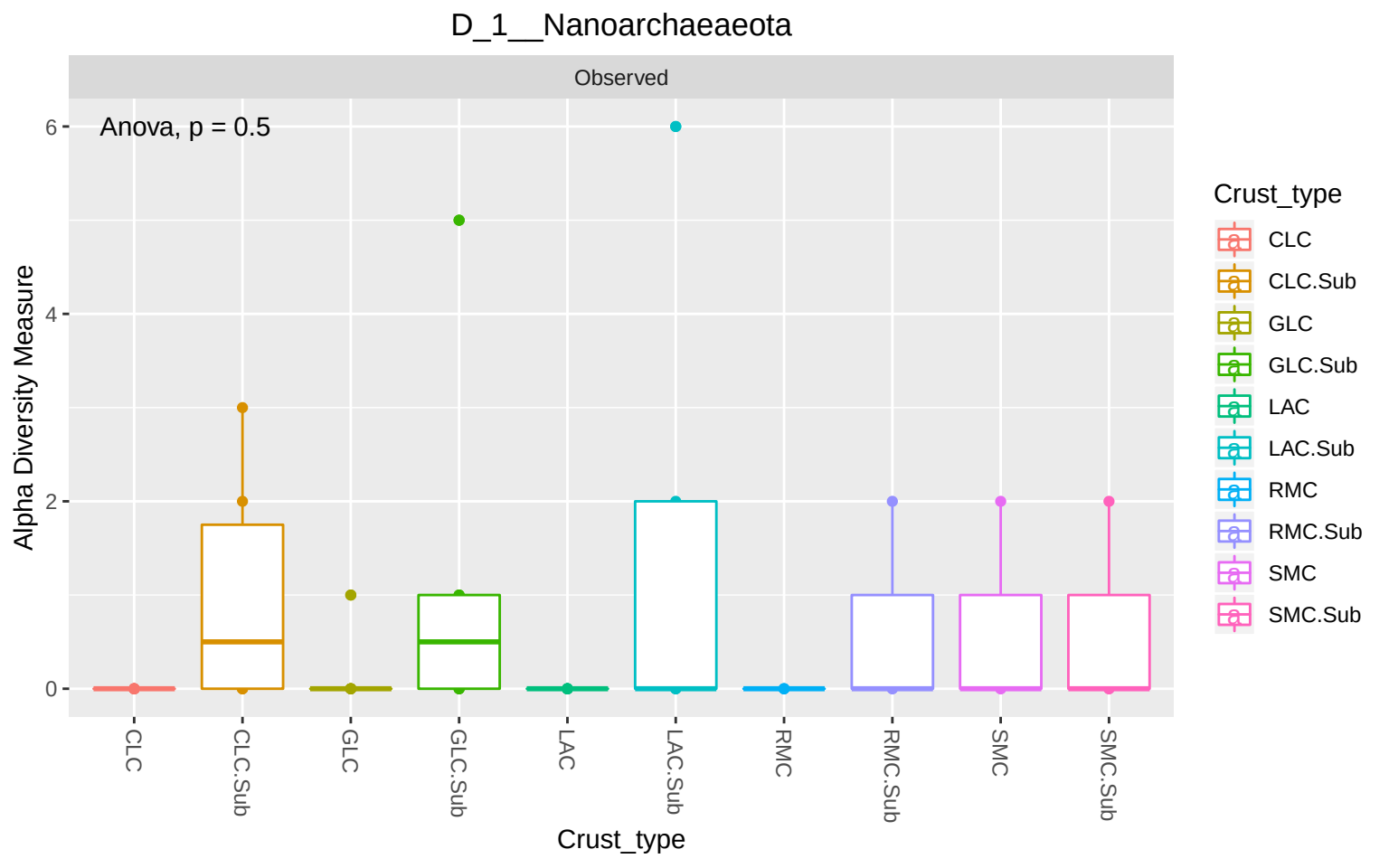

D_1__Fusobacteria
Observed
Anova, p = 0.88
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

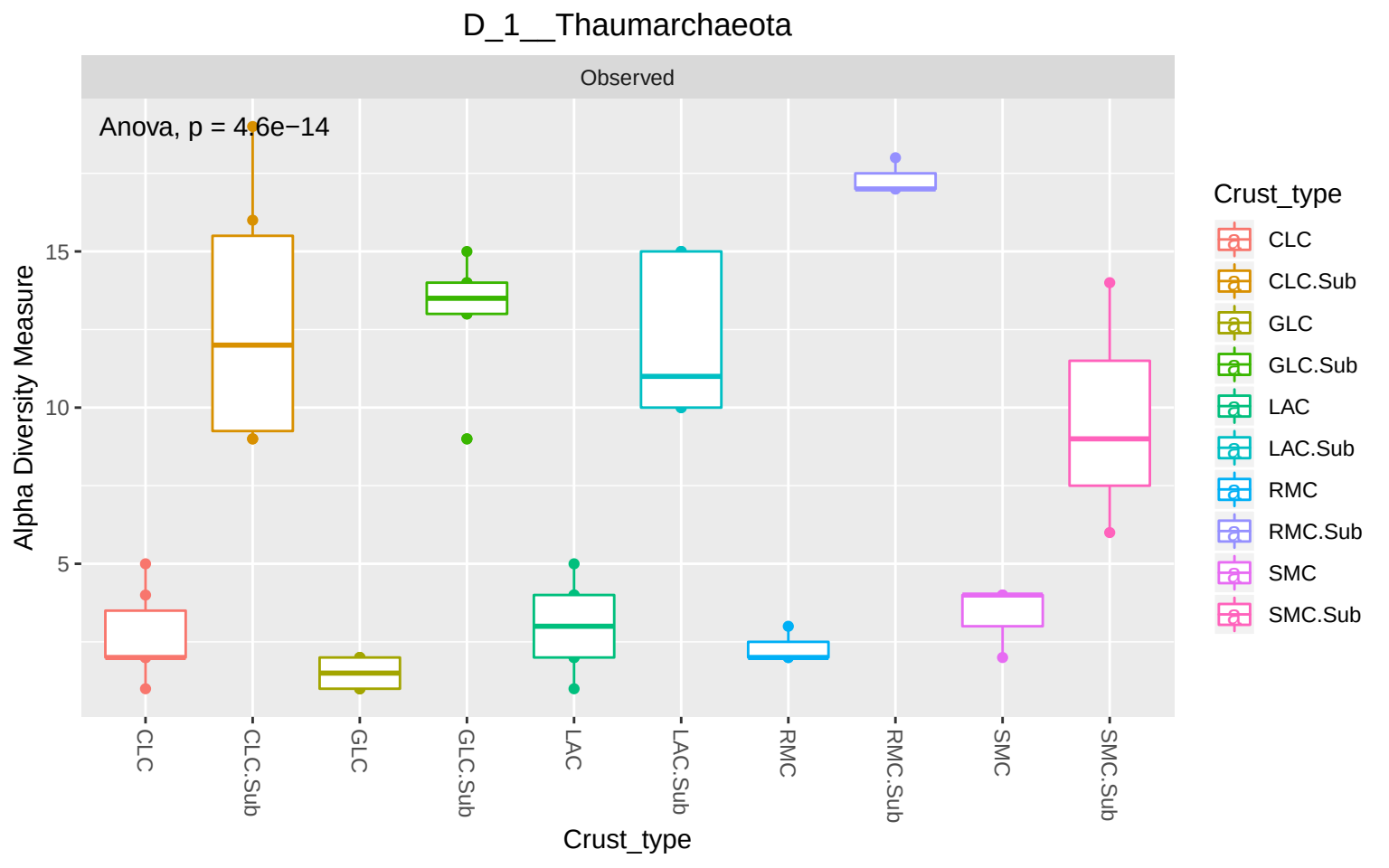

D_1__Bacteroidetes
Observed
Anova, p = 0.12
Alpha Diversity Measure
200
150
100
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

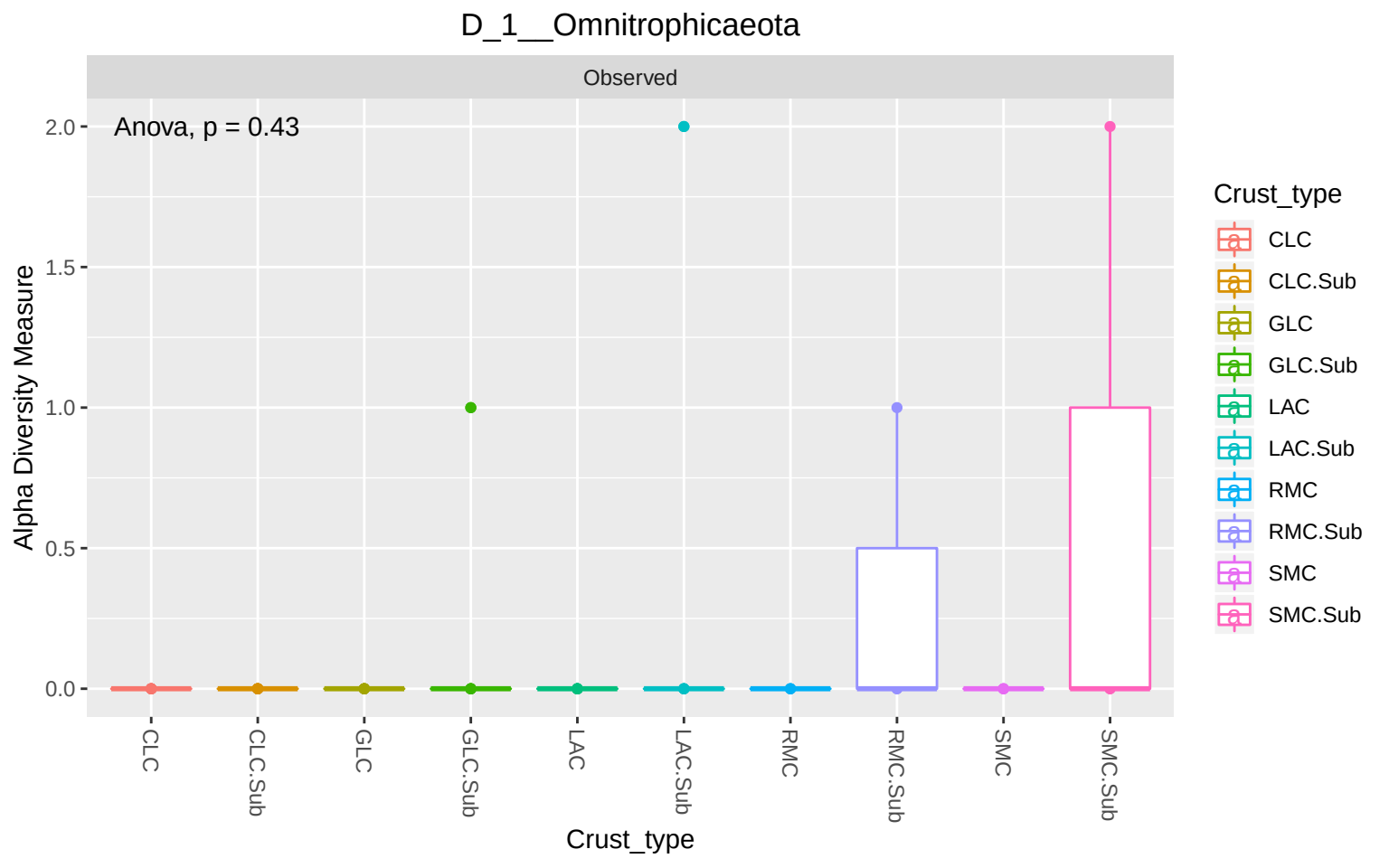

D_1__Actinobacteria
Observed
Anova, p = 1.5e−11
Alpha Diversity Measure
400
300
200
100
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

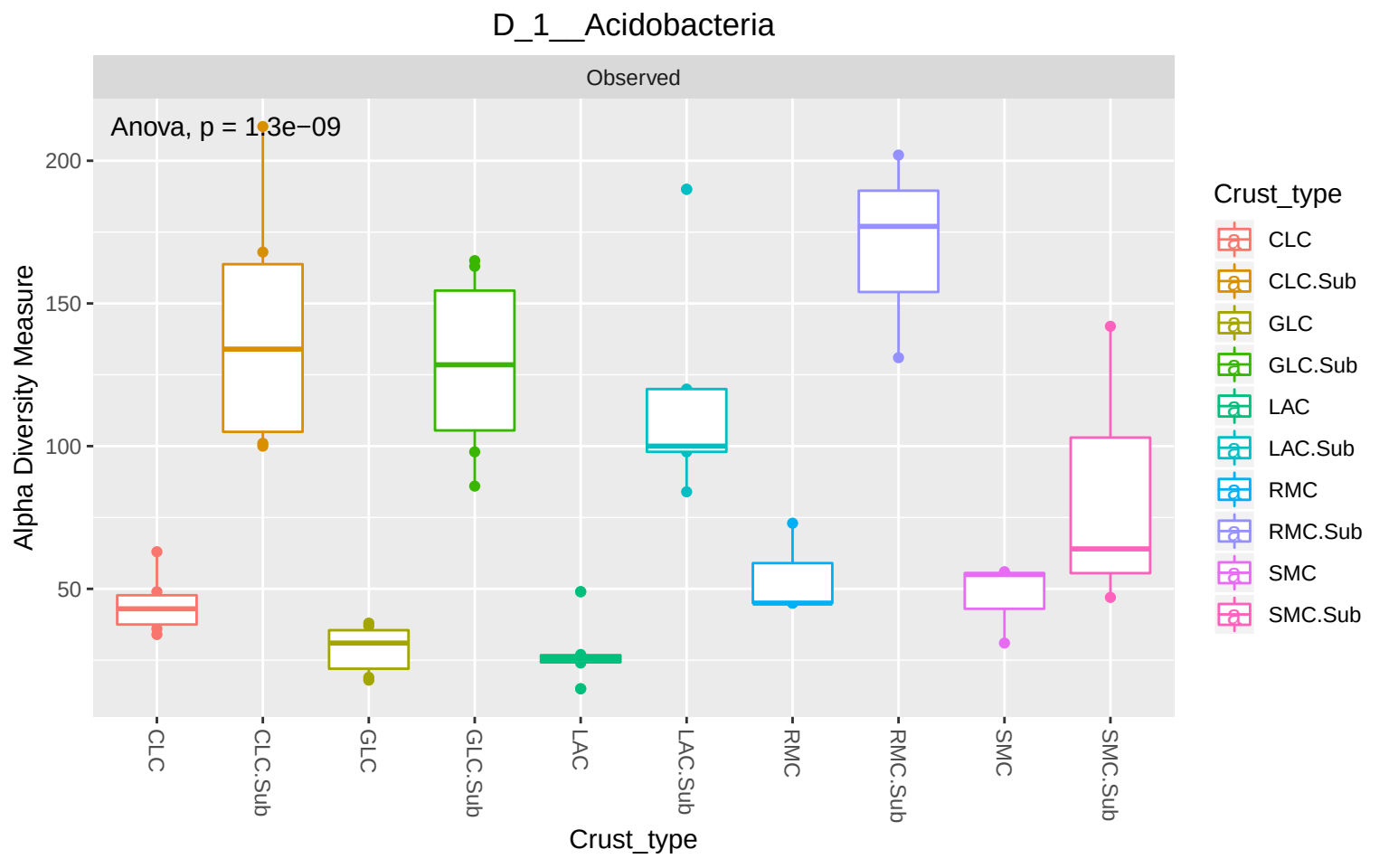

D_1__SAR
Observed
Anova, p = 0.78
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

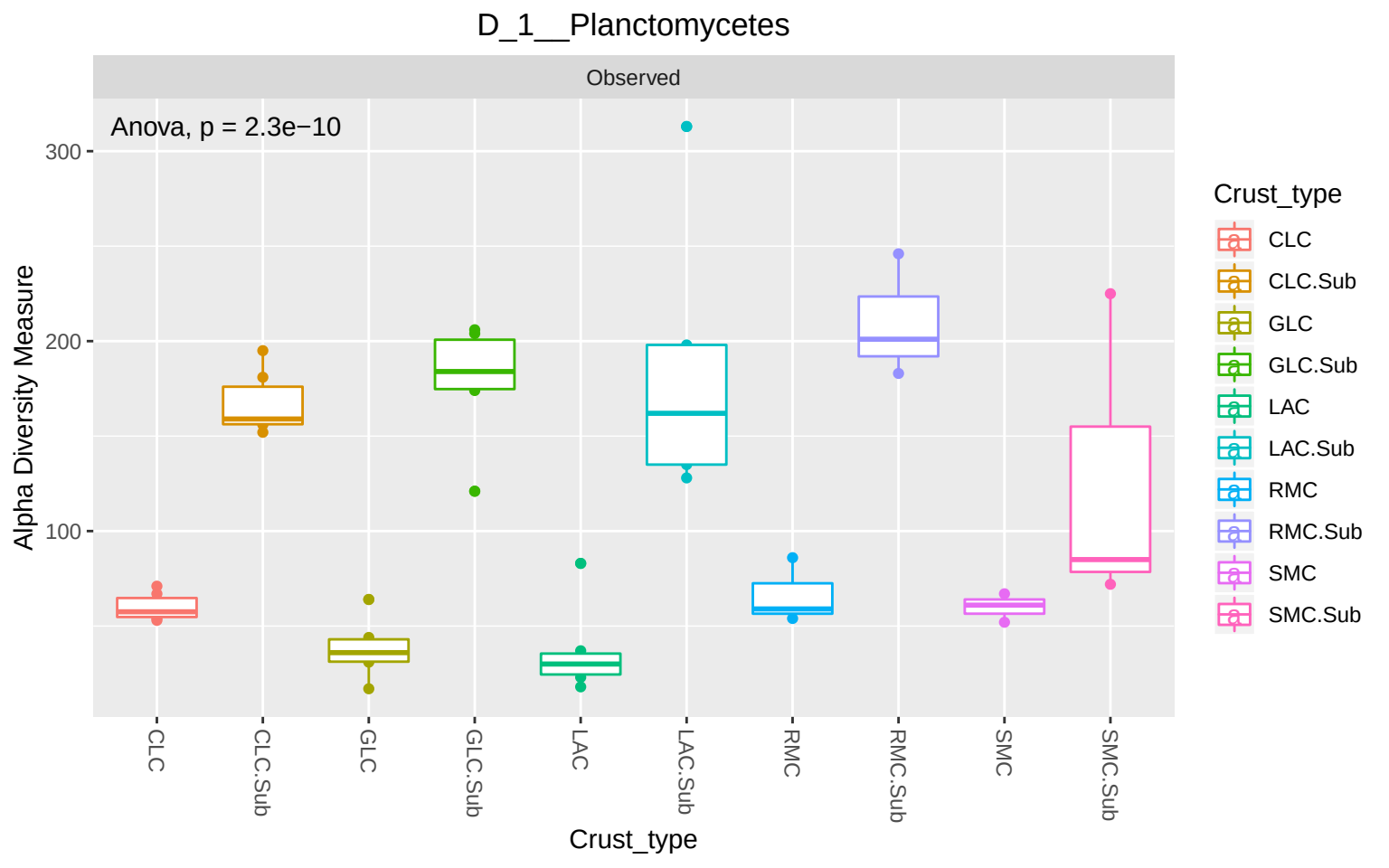

D_1__Euryarchaeota
Observed
Anova, p = 0.044
Alpha Diversity Measure
0
2
4
6
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

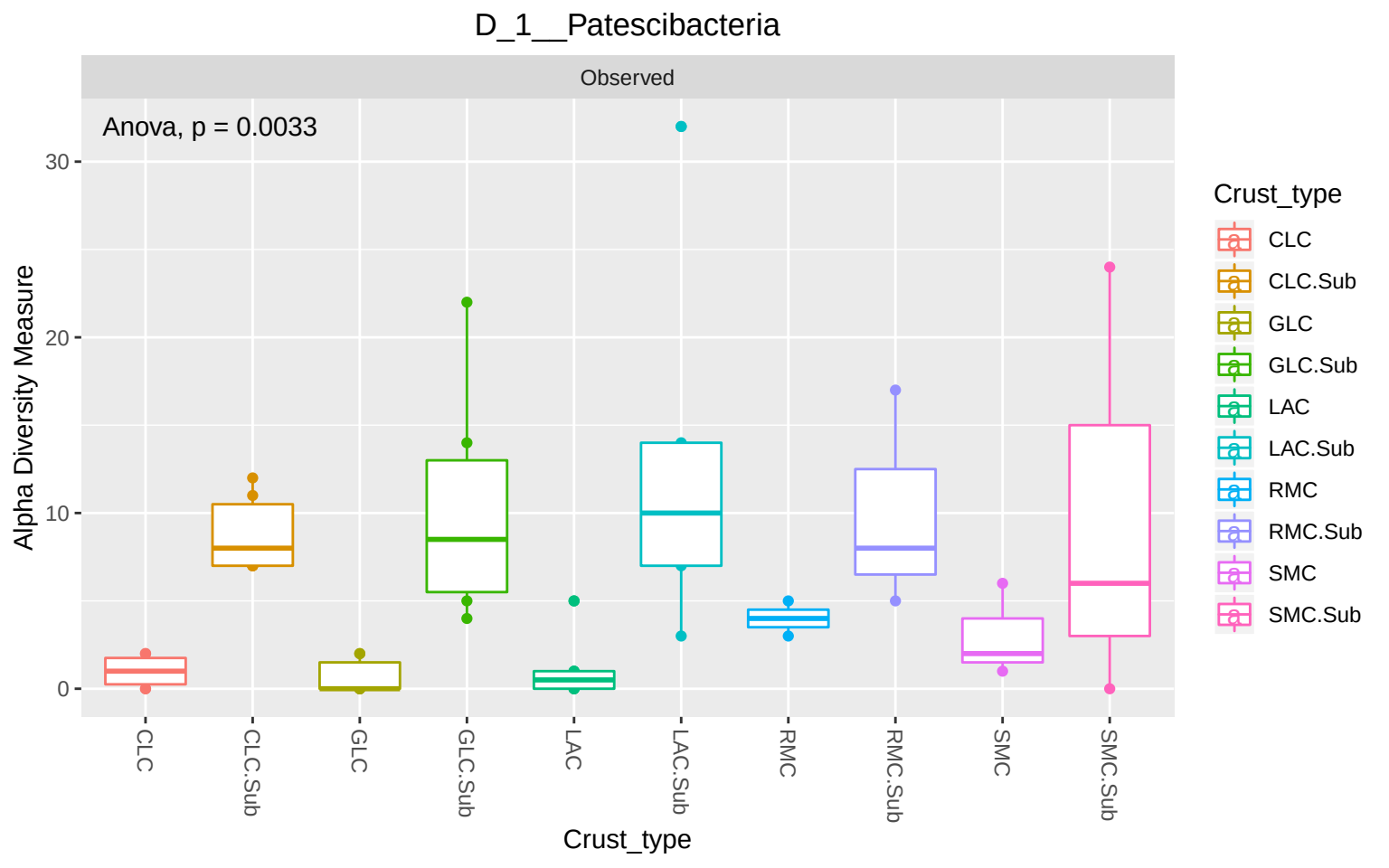

D_1__Nanoarchaeaeota
Observed
Anova, p = 0.5
Alpha Diversity Measure
0
2
4
6
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

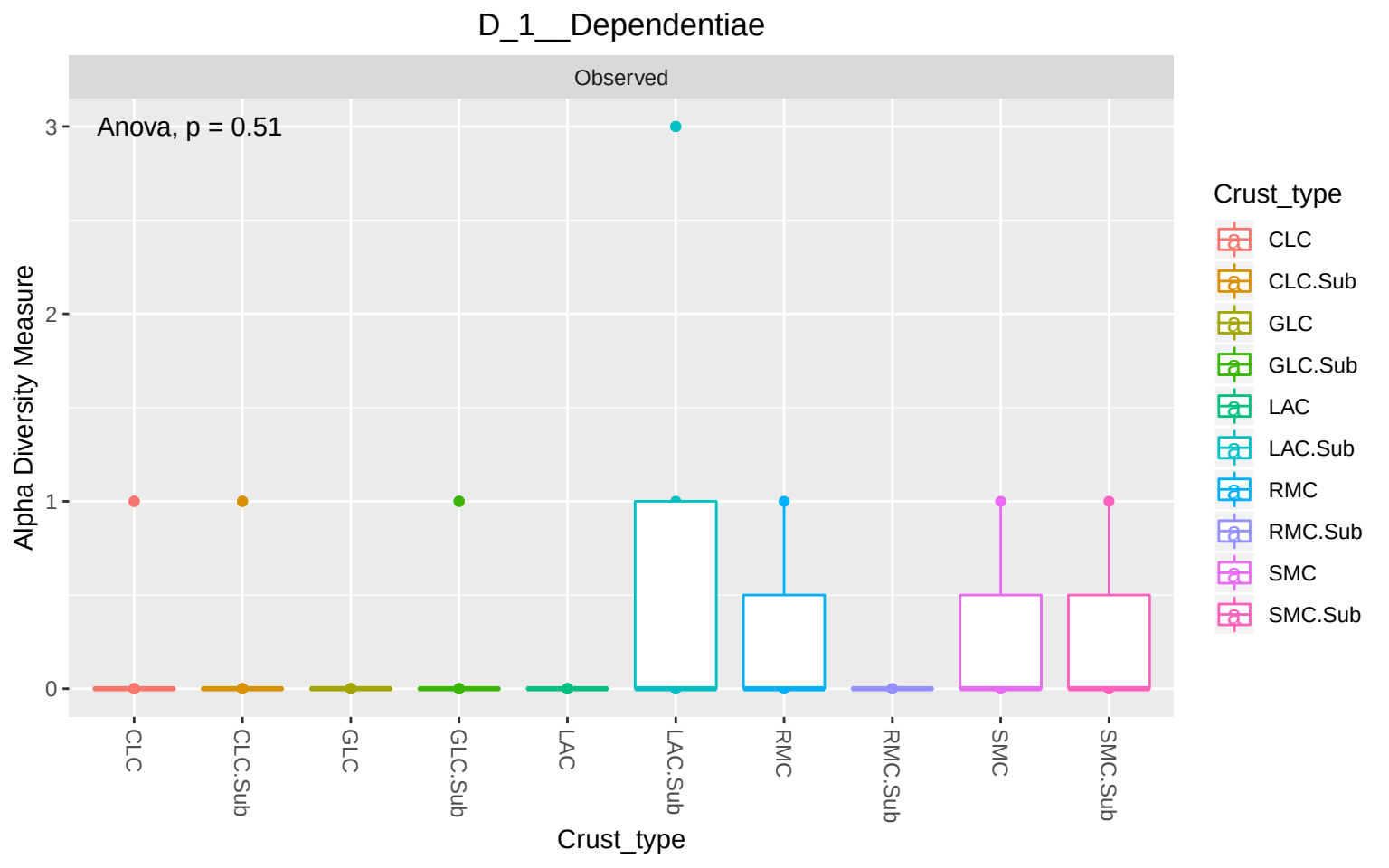

D_1__Thaumarchaeota
Observed
Anova, p = 4.6e−14
Alpha Diversity Measure
15
10
5
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

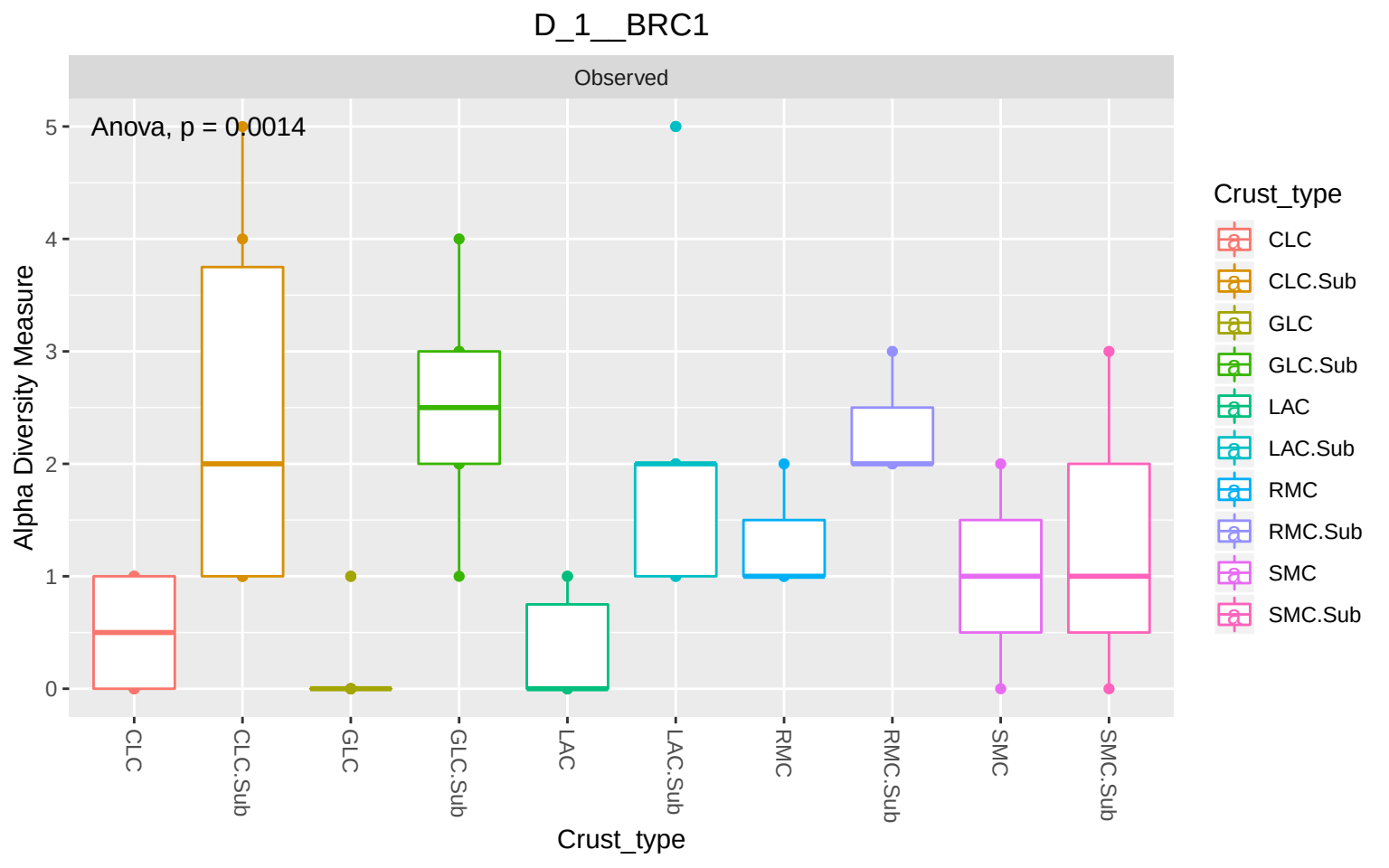

D_1__Omnitrophicaeota
Observed
Anova, p = 0.43
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

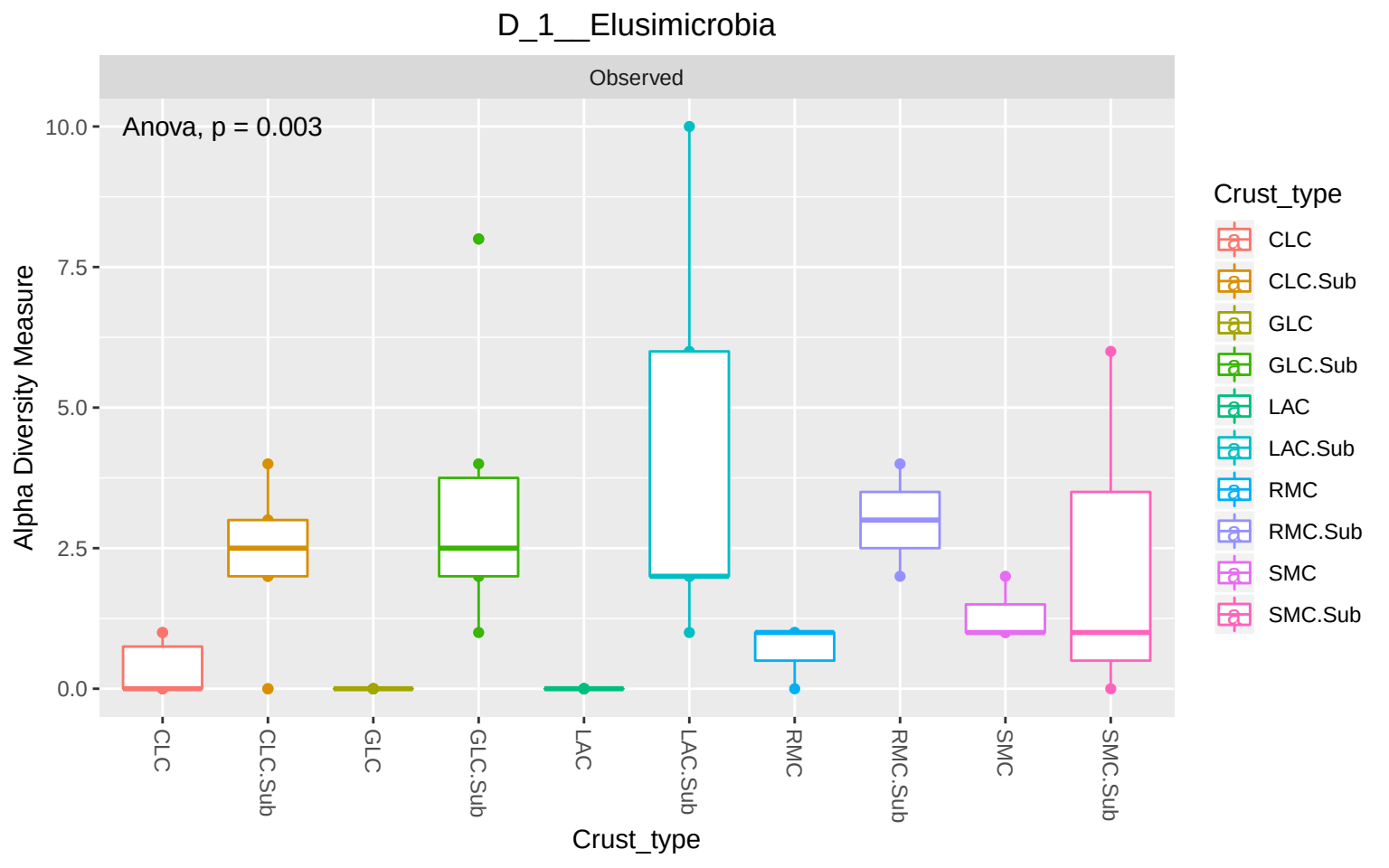

D_1__Acidobacteria
Observed
Anova, p = 1.3e−09
Alpha Diversity Measure
200
150
100
50
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

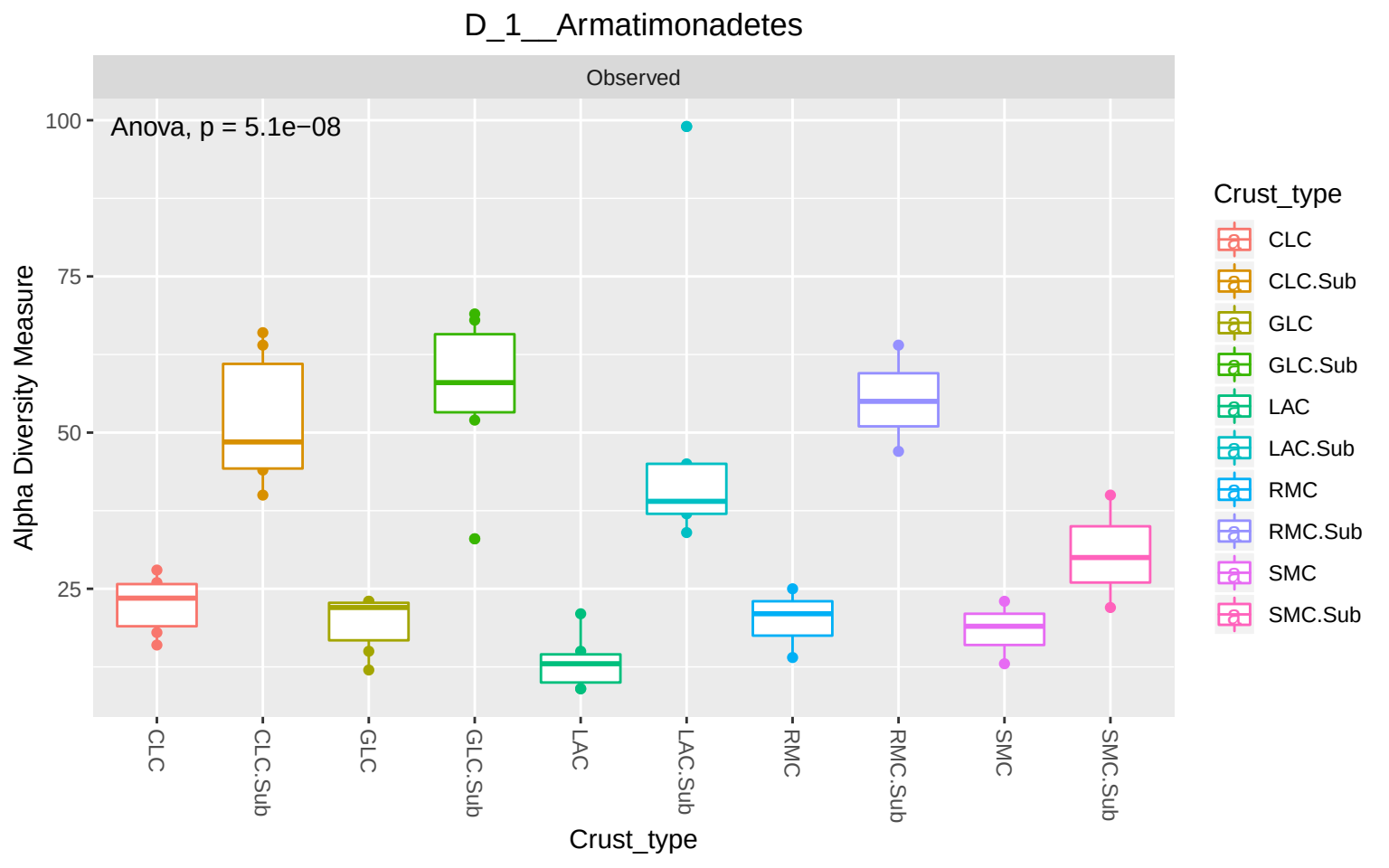

D_1__Planctomycetes
Observed
Anova, p = 2.3e−10
Alpha Diversity Measure
300
200
100
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

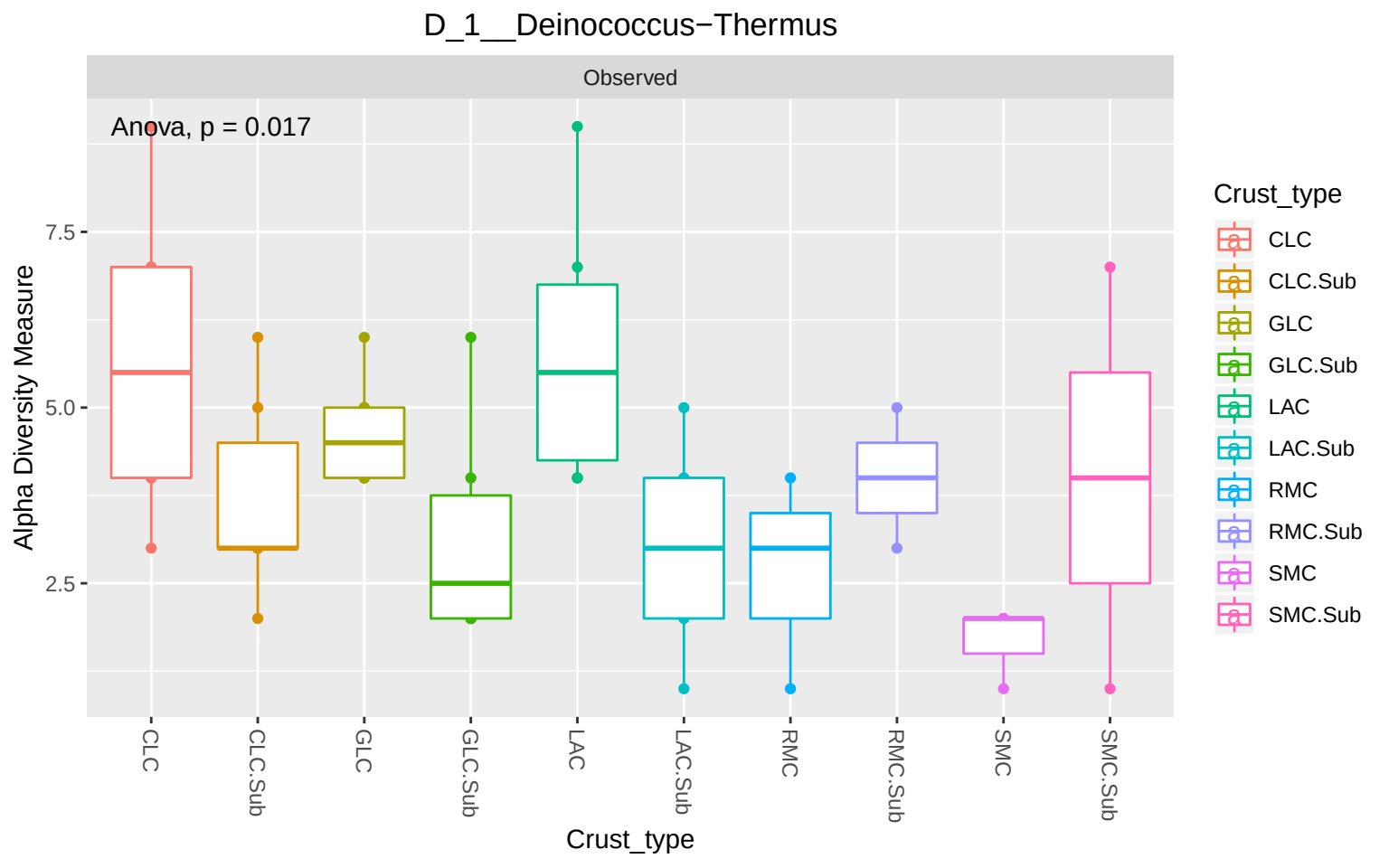

D_1__Patescibacteria
Observed
Anova, p = 0.0033
Alpha Diversity Measure
30
20
10
0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

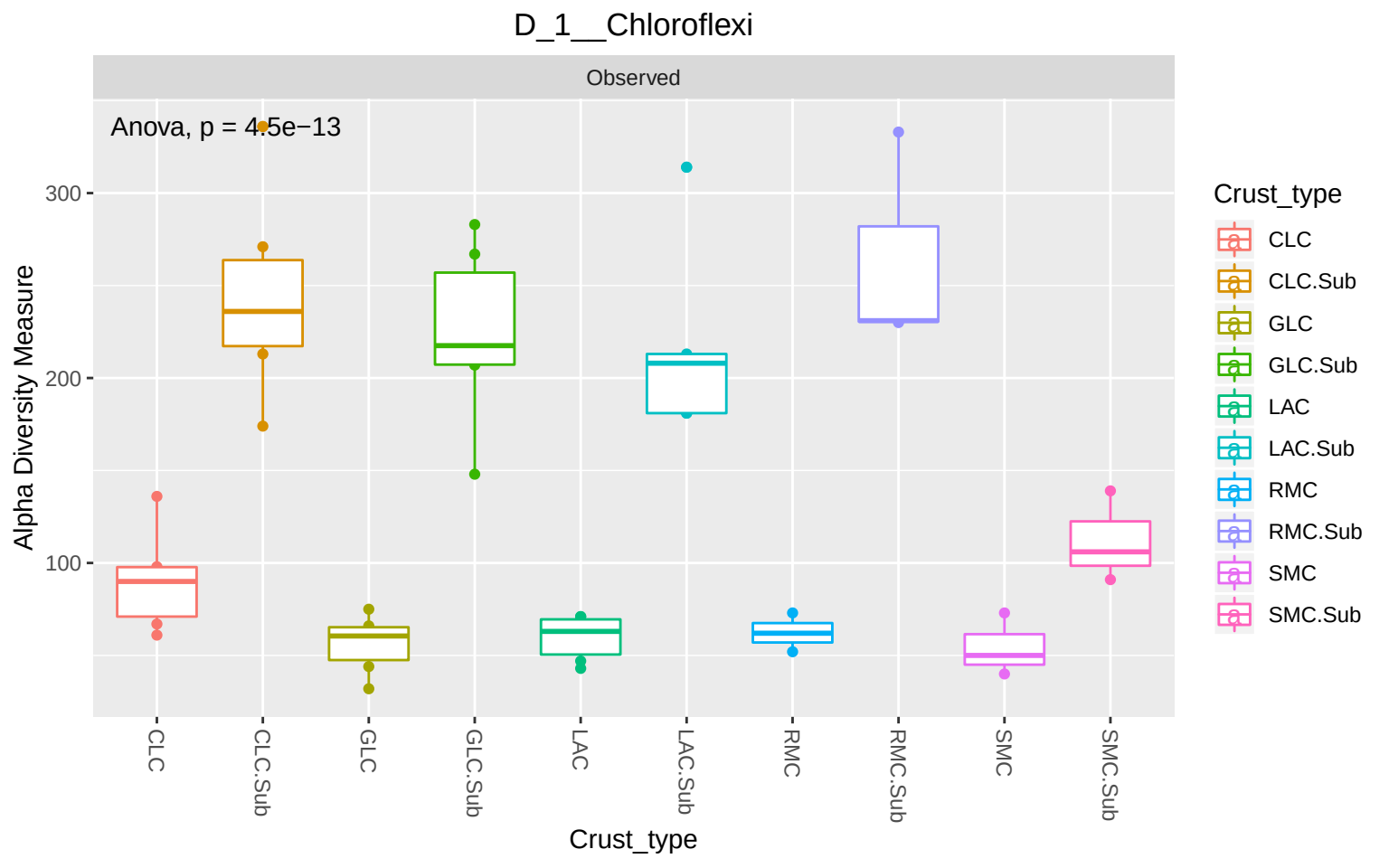

D_1__Dependentiae
Observed
Anova, p = 0.51
Alpha Diversity Measure
3
2
1
0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

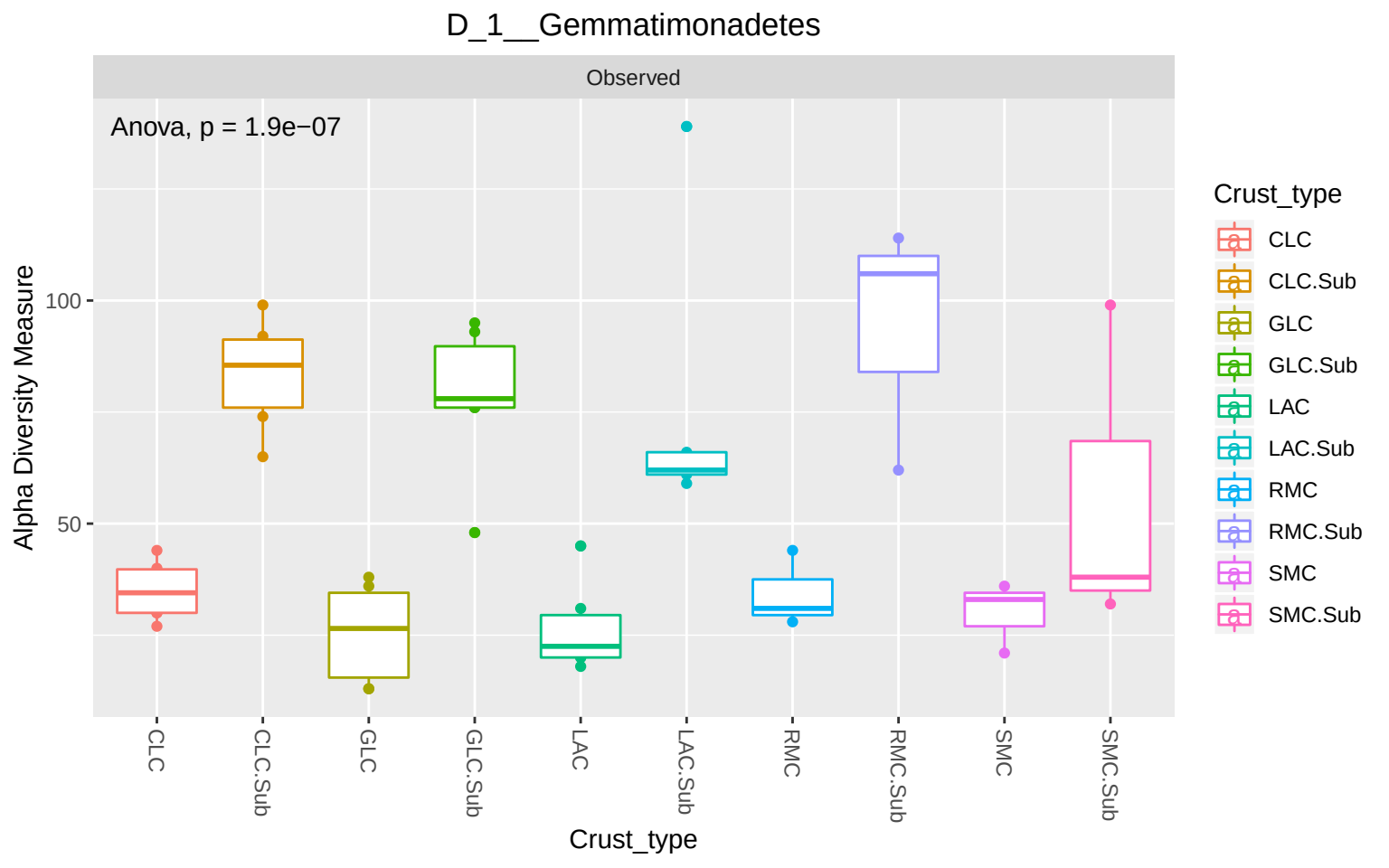

D_1__BRC1
Observed
Anova, p = 0.0014
Alpha Diversity Measure
0
1
2
3
4
5
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

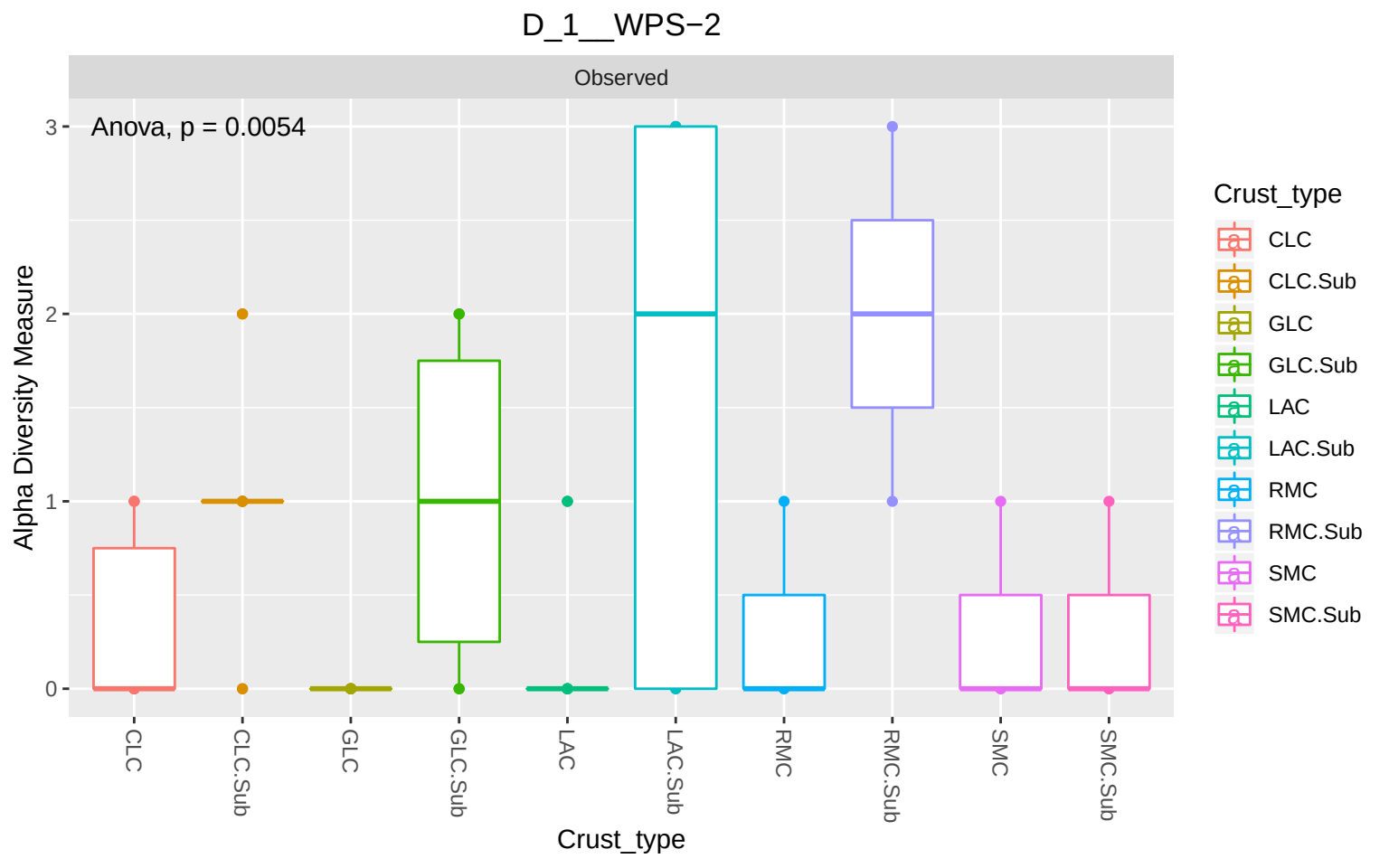

D_1__Elusimicrobia
Observed
Anova, p = 0.003
Alpha Diversity Measure
10.0
7.5
5.0
2.5
0.0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

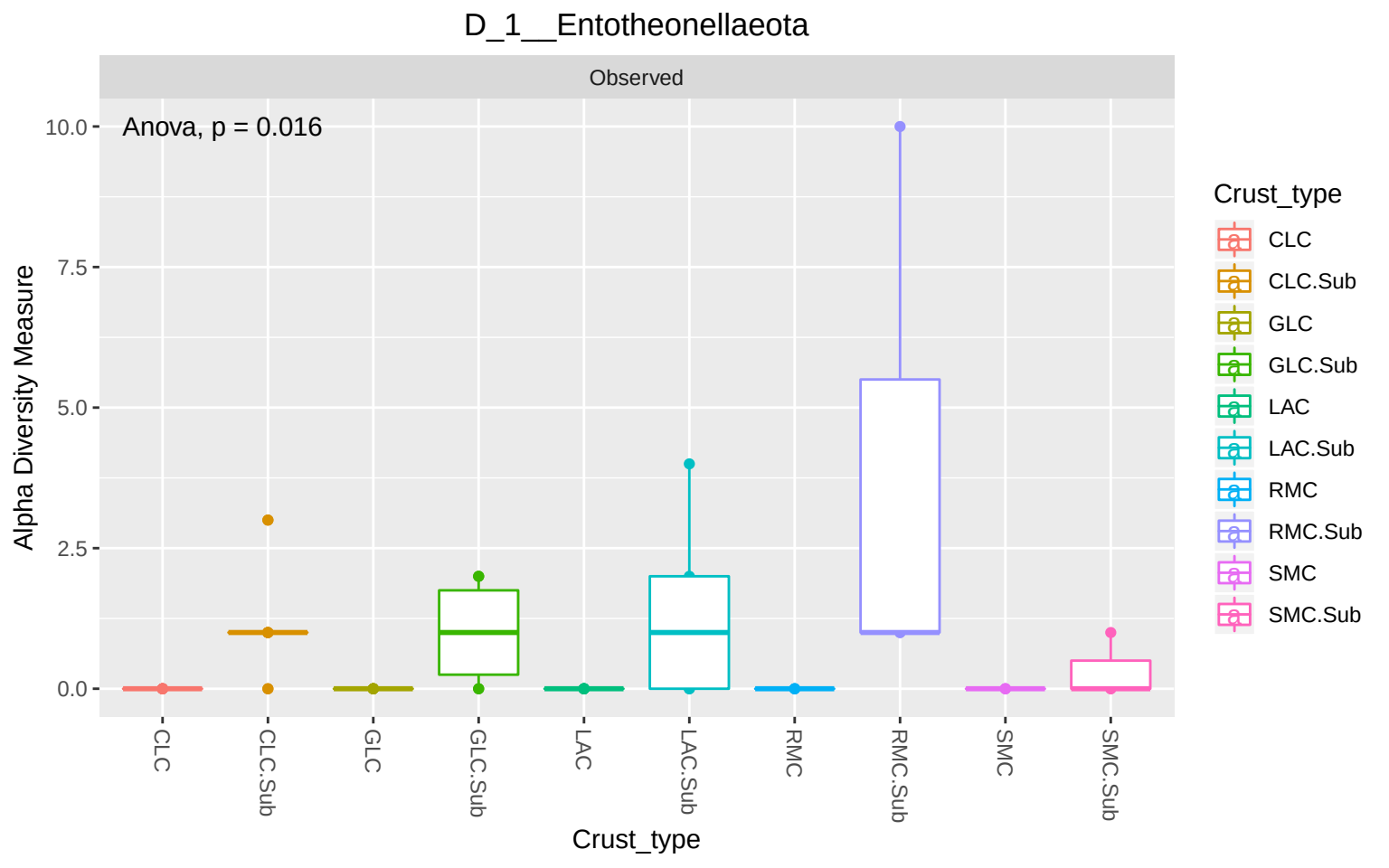

D_1__Armatimonadetes
Observed
Anova, p = 5.1e−08
Alpha Diversity Measure
100
75
50
25
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

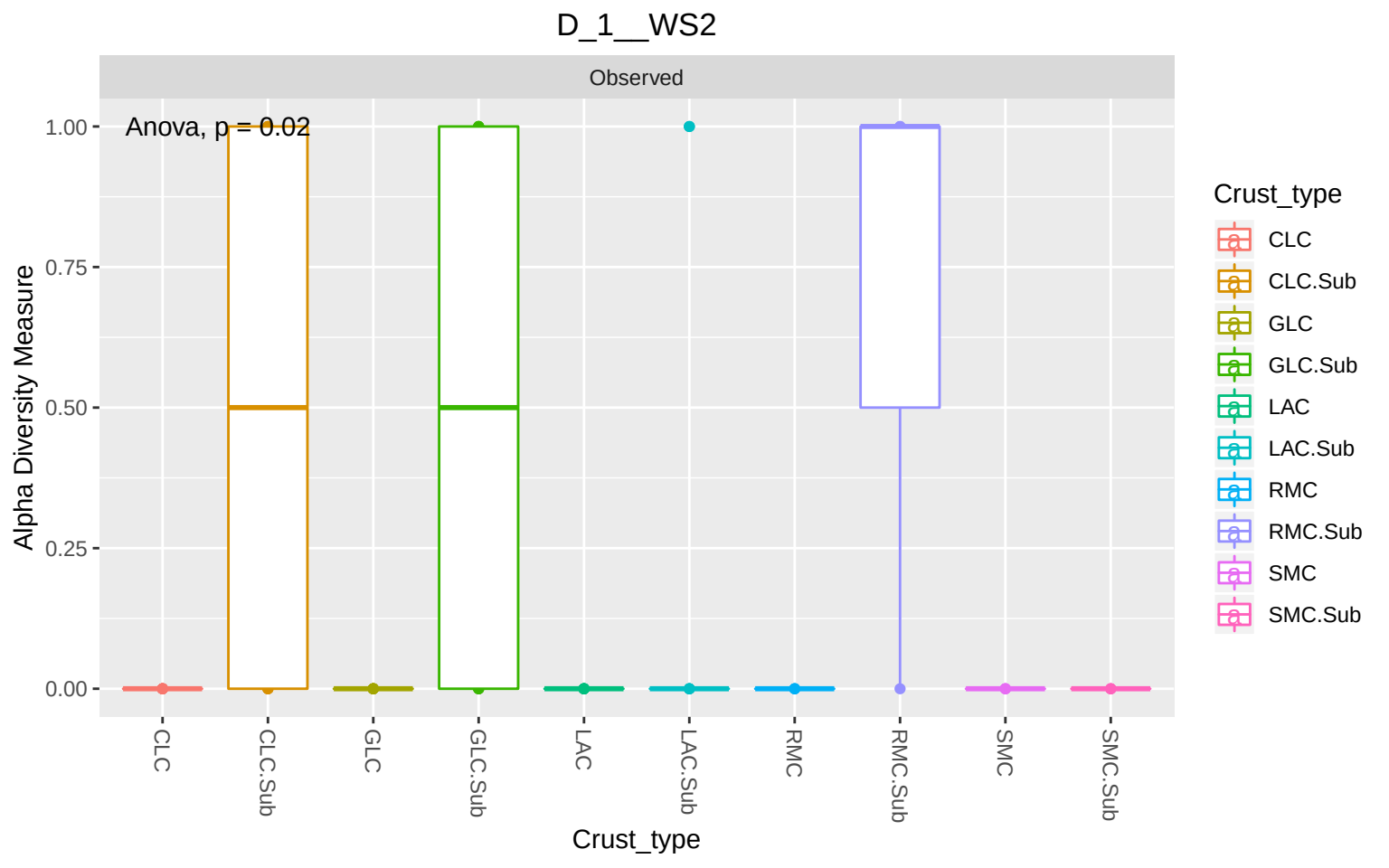

D_1__Deinococcus−Thermus
Observed
Anova, p = 0.017
Alpha Diversity Measure
7.5
5.0
2.5
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

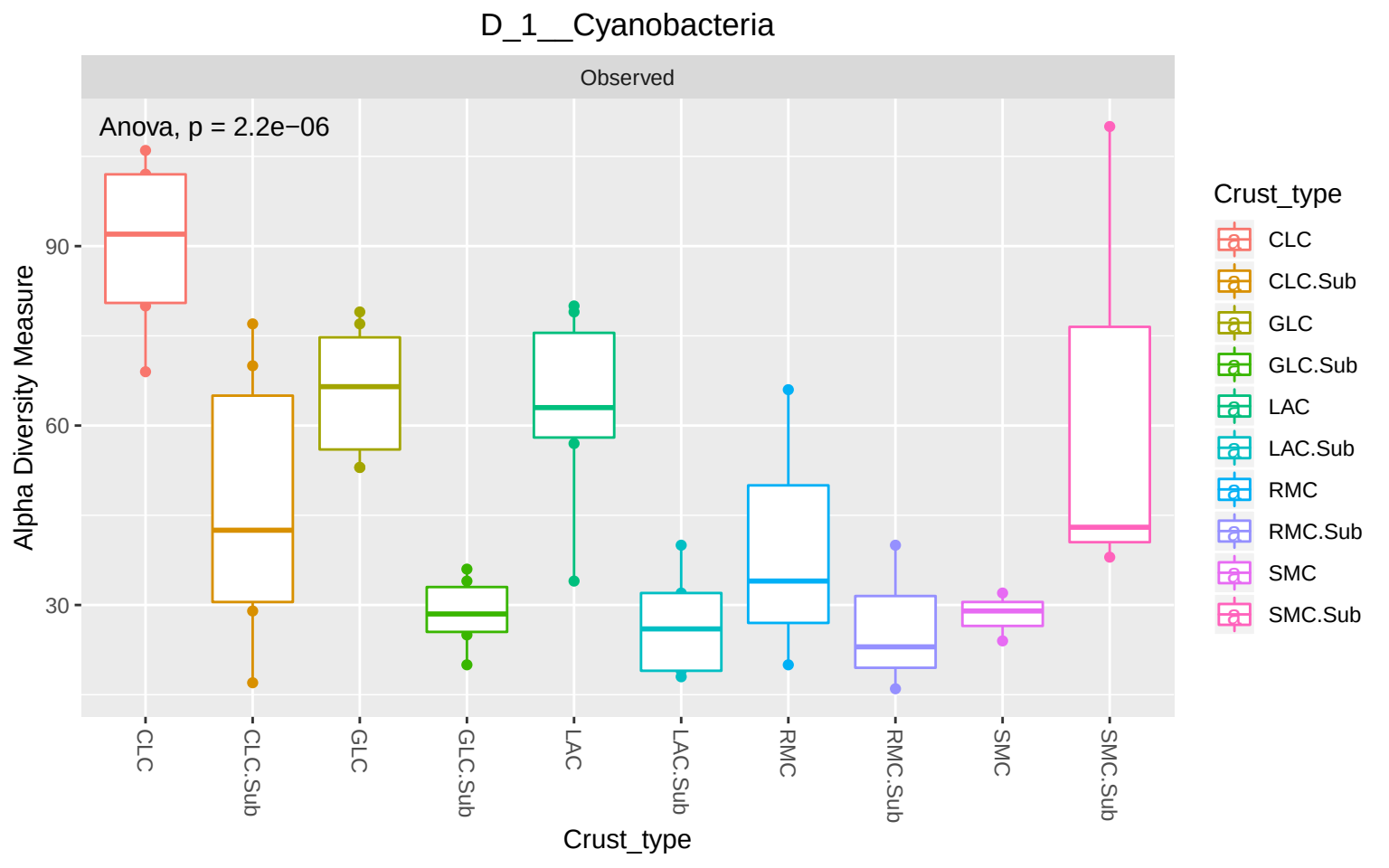

D_1__Chloroflexi
Observed
Anova, p = 4.5e−13
Alpha Diversity Measure
300
200
100
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

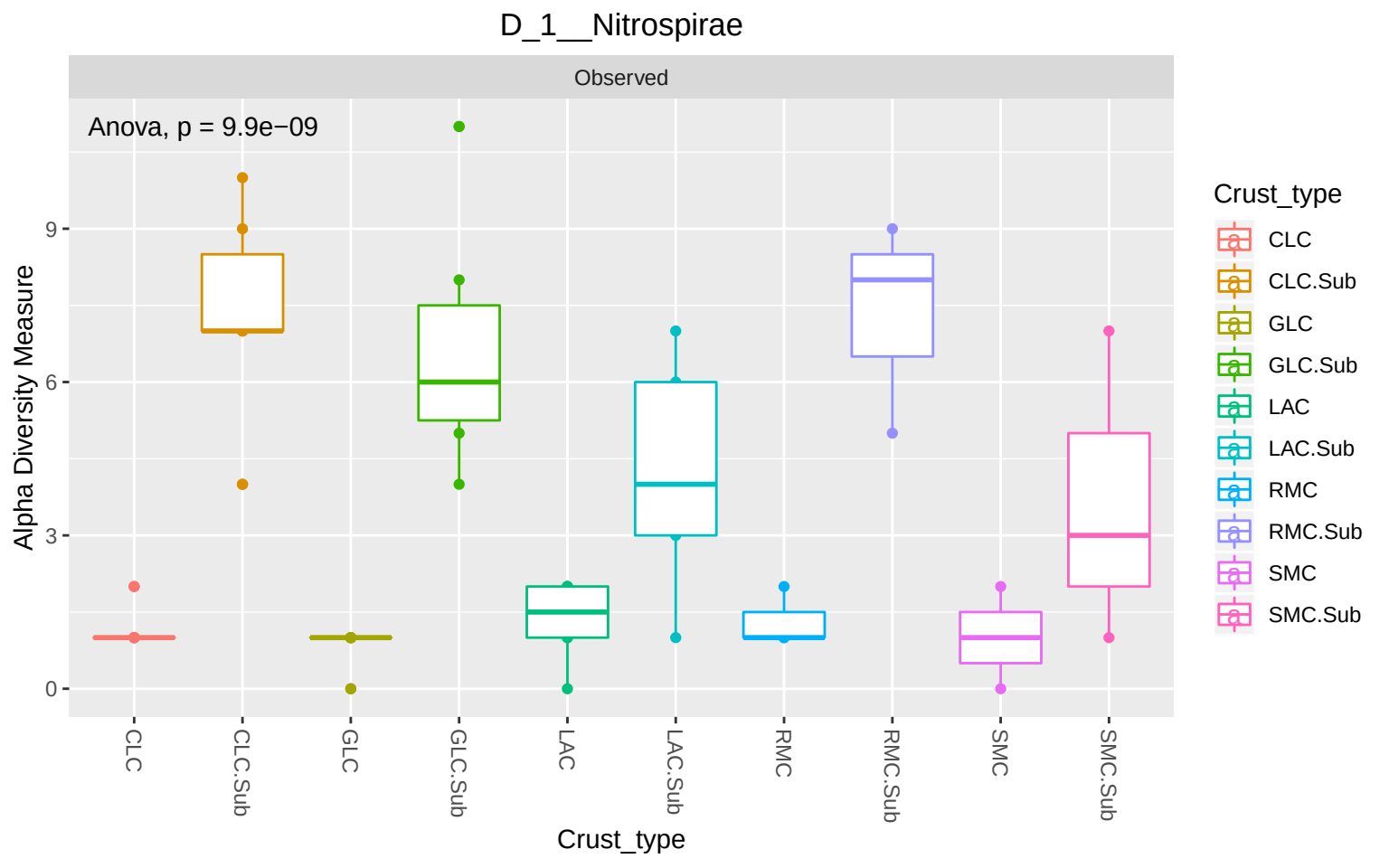

D_1__Gemmatimonadetes
Observed
Anova, p = 1.9e−07
Alpha Diversity Measure
100
50
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

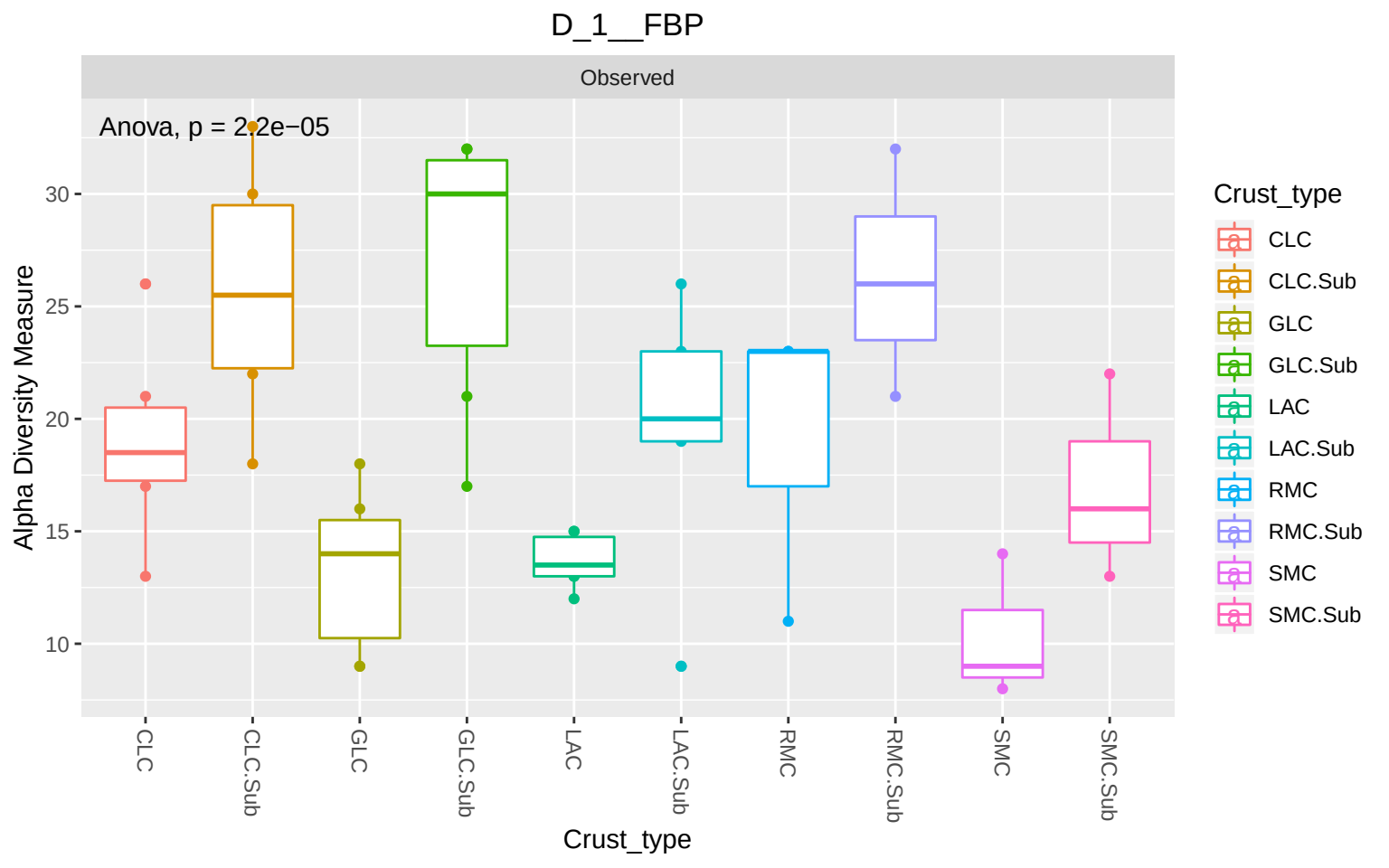

D_1__WPS−2
Observed
Anova, p = 0.0054
Alpha Diversity Measure
3
2
1
0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

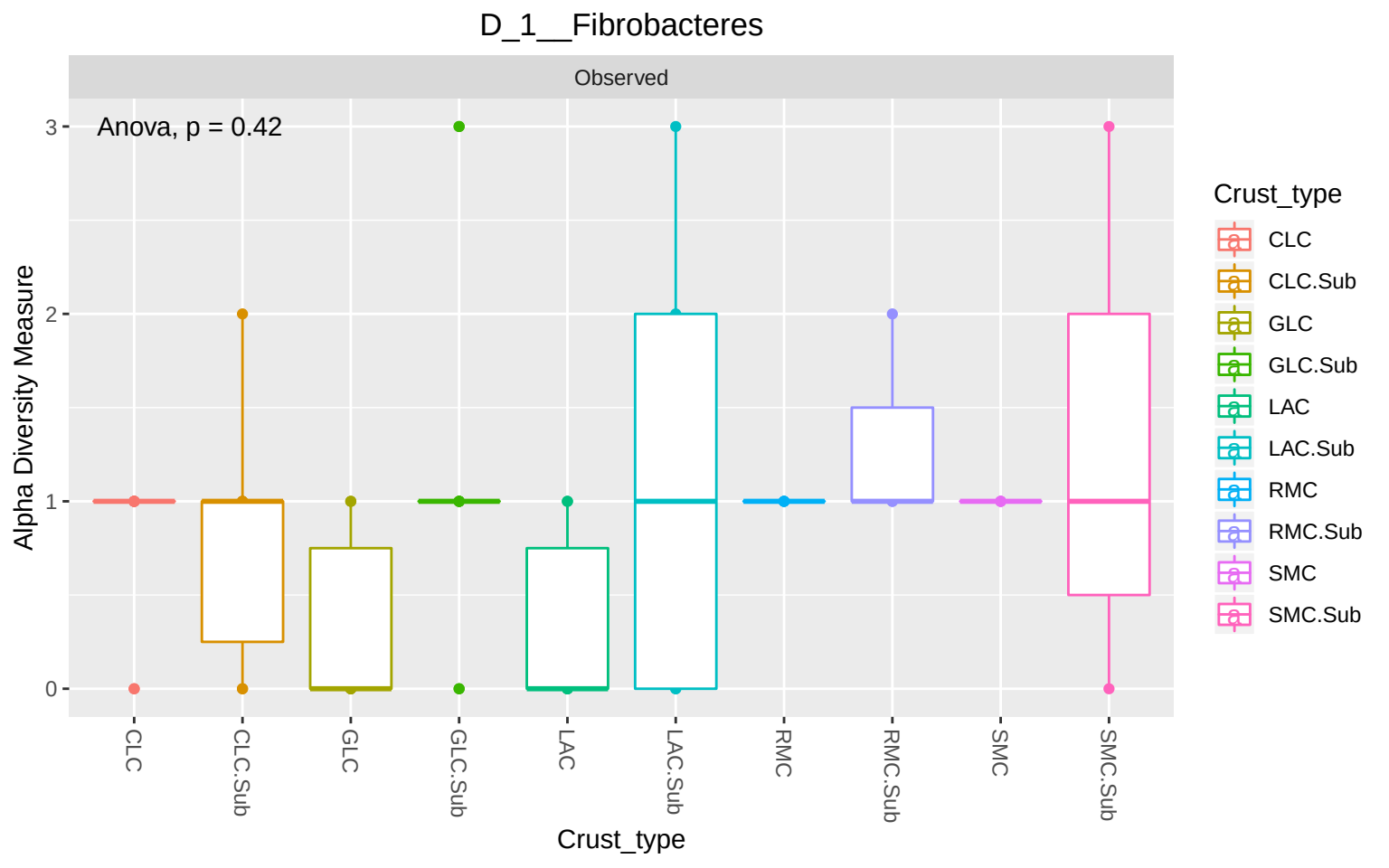

D_1__Entotheonellaeota
Observed
Anova, p = 0.016
Alpha Diversity Measure
10.0
7.5
5.0
2.5
0.0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

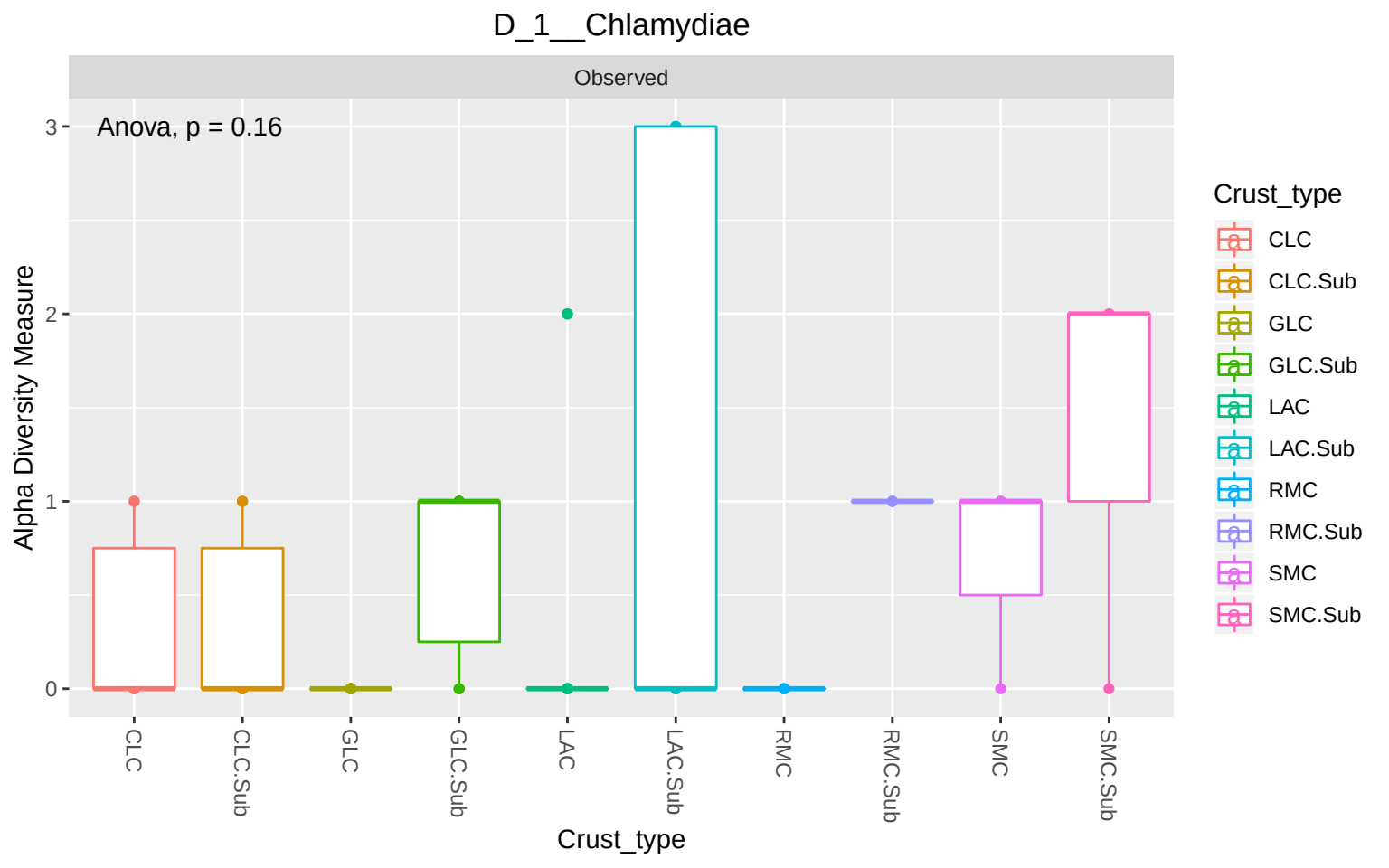

D_1__WS2
Observed
Anova, p = 0.02
Alpha Diversity Measure
1.00
0.75
0.50
0.25
0.00
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

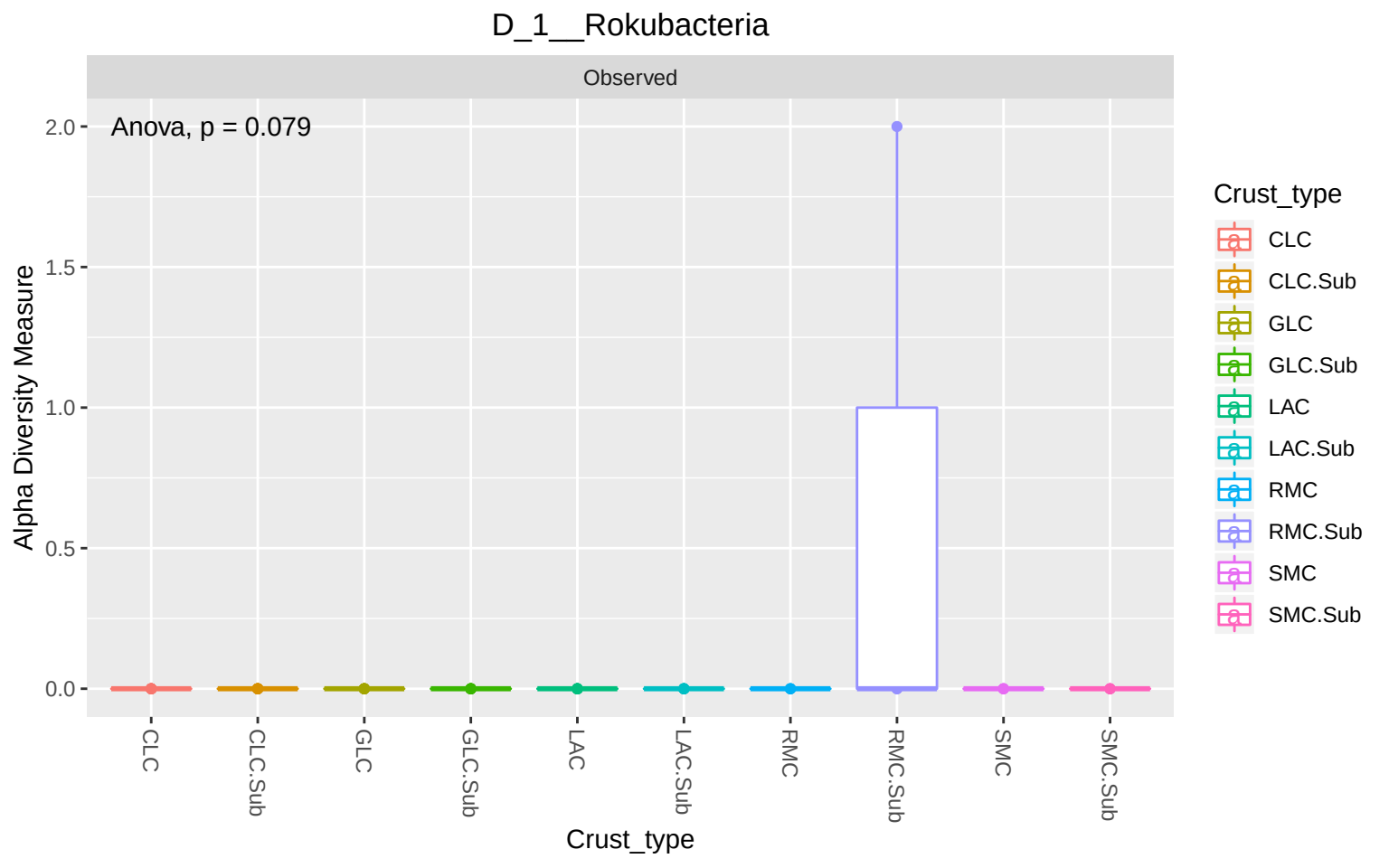

D_1__Cyanobacteria
Observed
Anova, p = 2.2e−06
Alpha Diversity Measure
90
60
30
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub

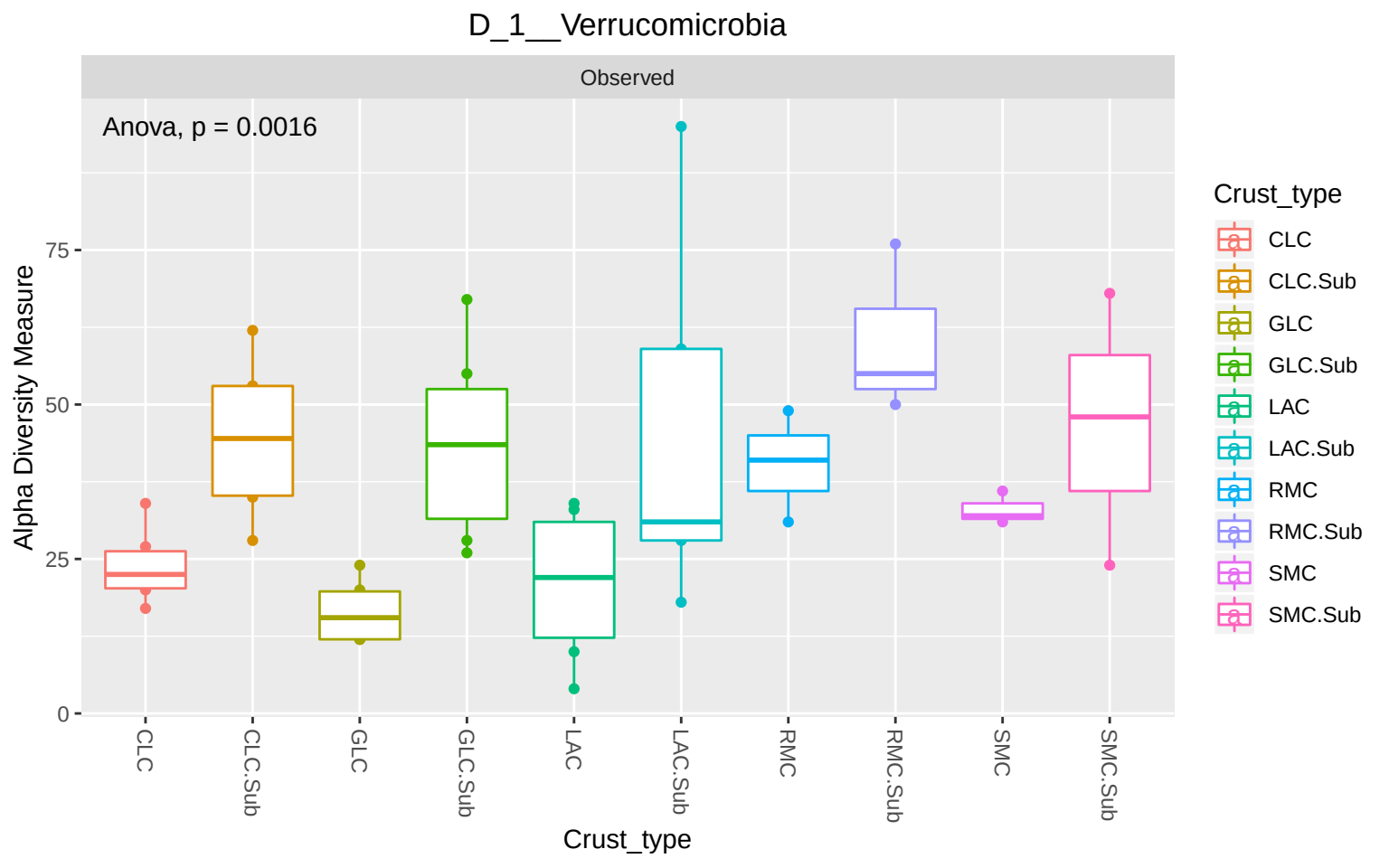

D_1__Nitrospirae
Observed
Anova, p = 9.9e−09
Alpha Diversity Measure
0
3
6
9
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub


D_1__FBP
Observed
Anova, p = 2.2e−05
Alpha Diversity Measure
30
25
20
15
10
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub


D_1__Fibrobacteres
Observed
Anova, p = 0.42
Alpha Diversity Measure
3
2
1
0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub


D_1__Chlamydiae
Observed
Anova, p = 0.16
Alpha Diversity Measure
0
1
2
3
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub


D_1__Rokubacteria
Observed
Anova, p = 0.079
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub


D_1__Verrucomicrobia
Observed
Anova, p = 0.0016
Alpha Diversity Measure
0
25
50
75
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub
Crust_type
Crust_type
CLC
CLC.Sub
GLC
GLC.Sub
LAC
LAC.Sub
RMC
RMC.Sub
SMC
SMC.Sub