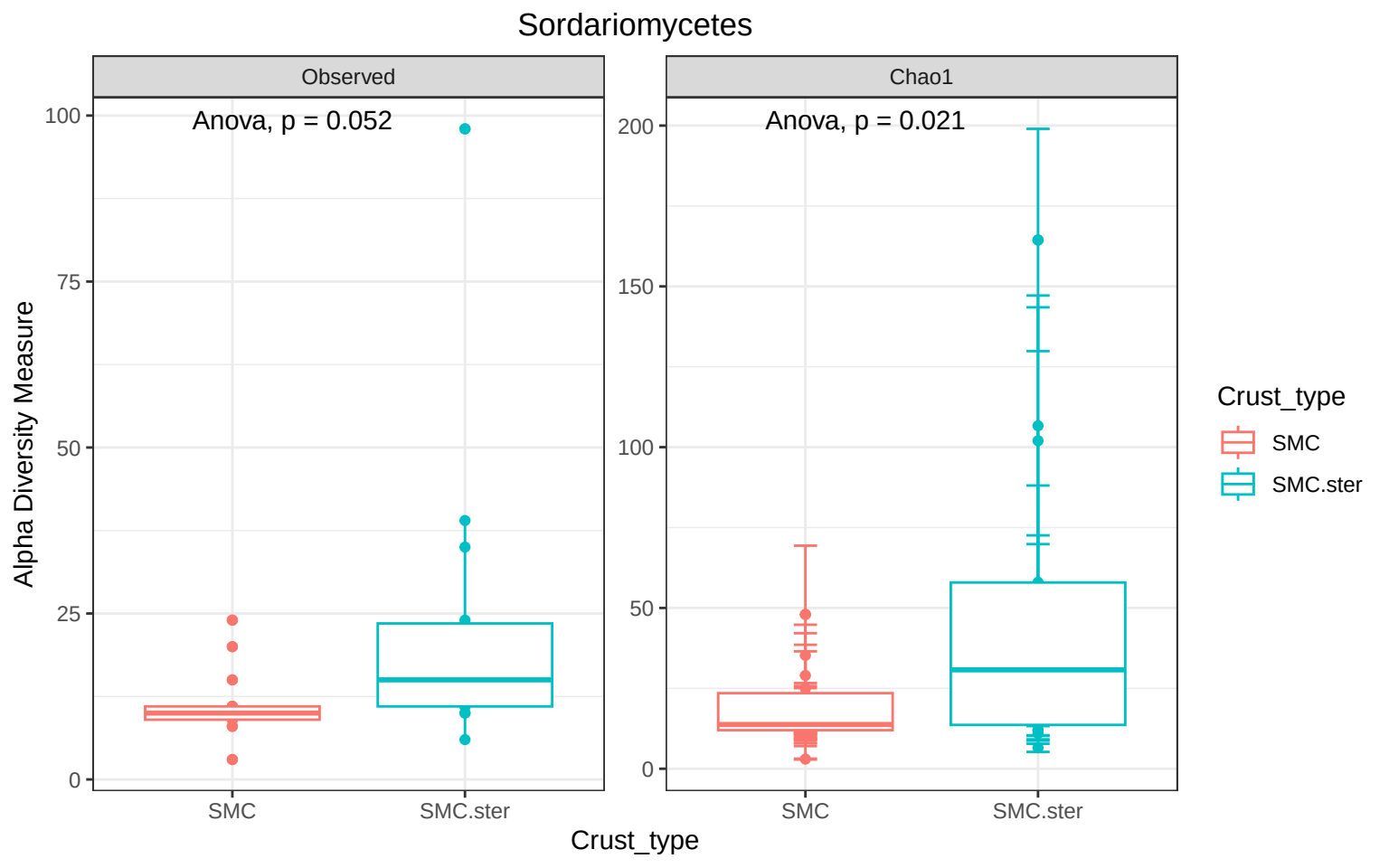
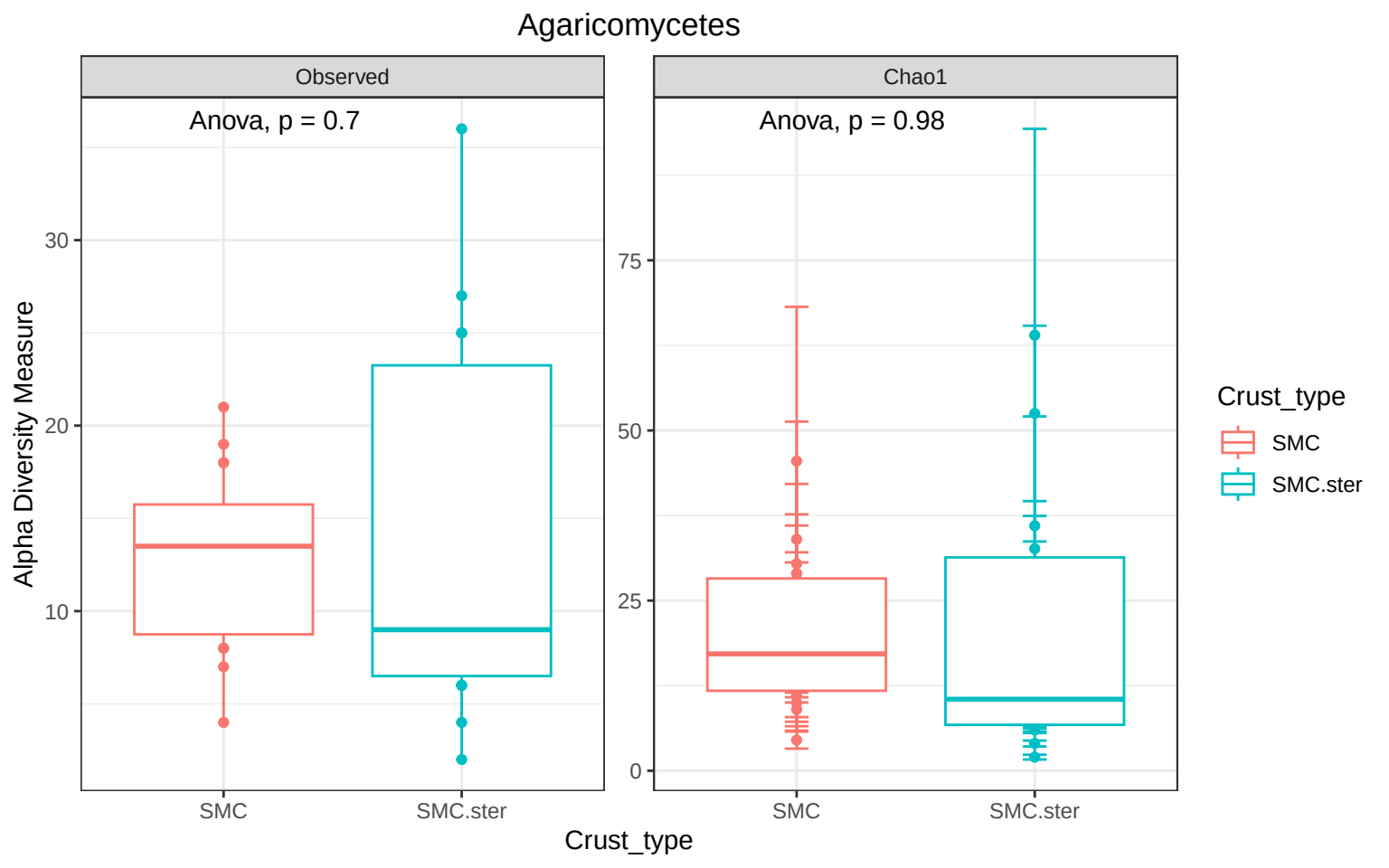
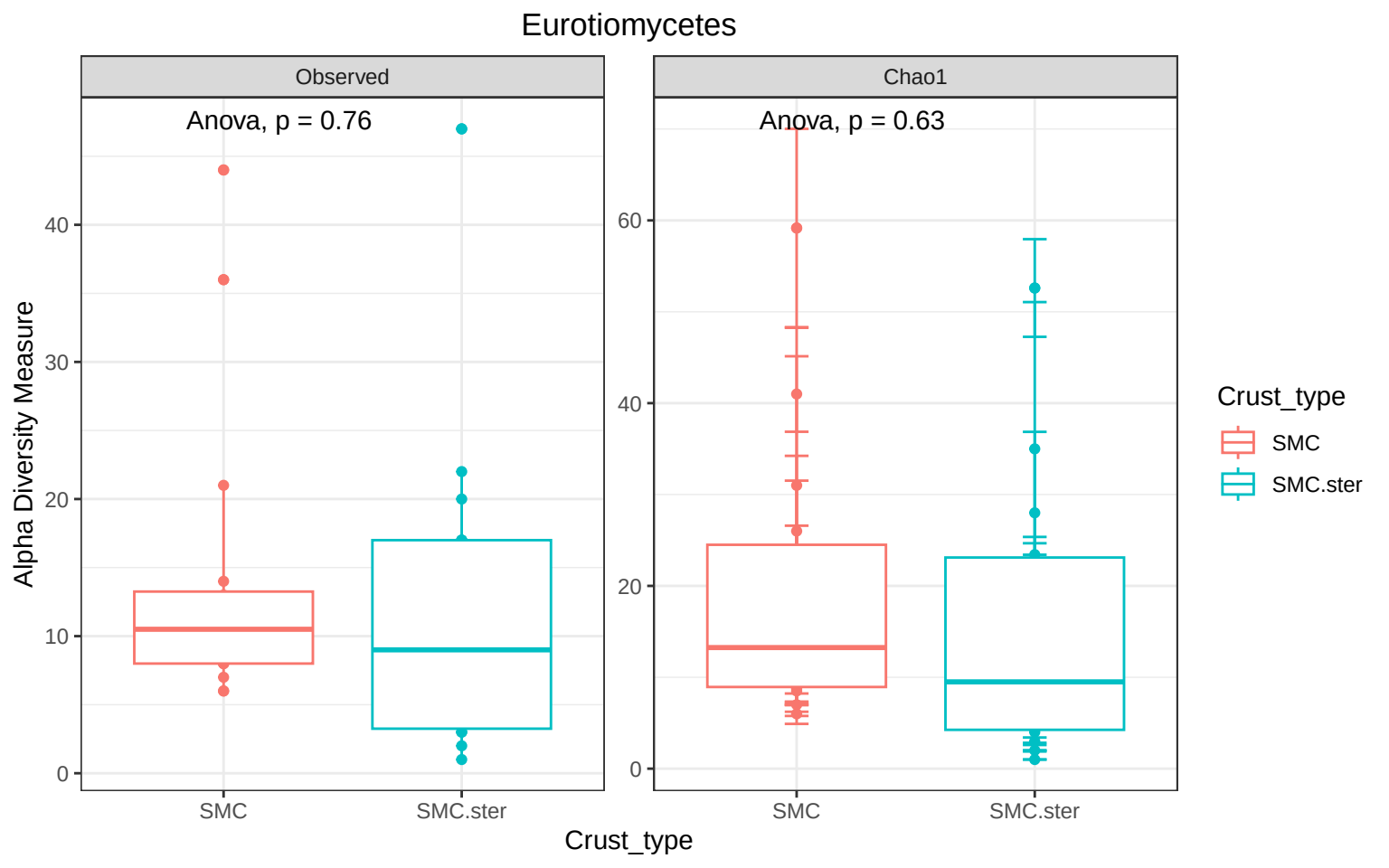
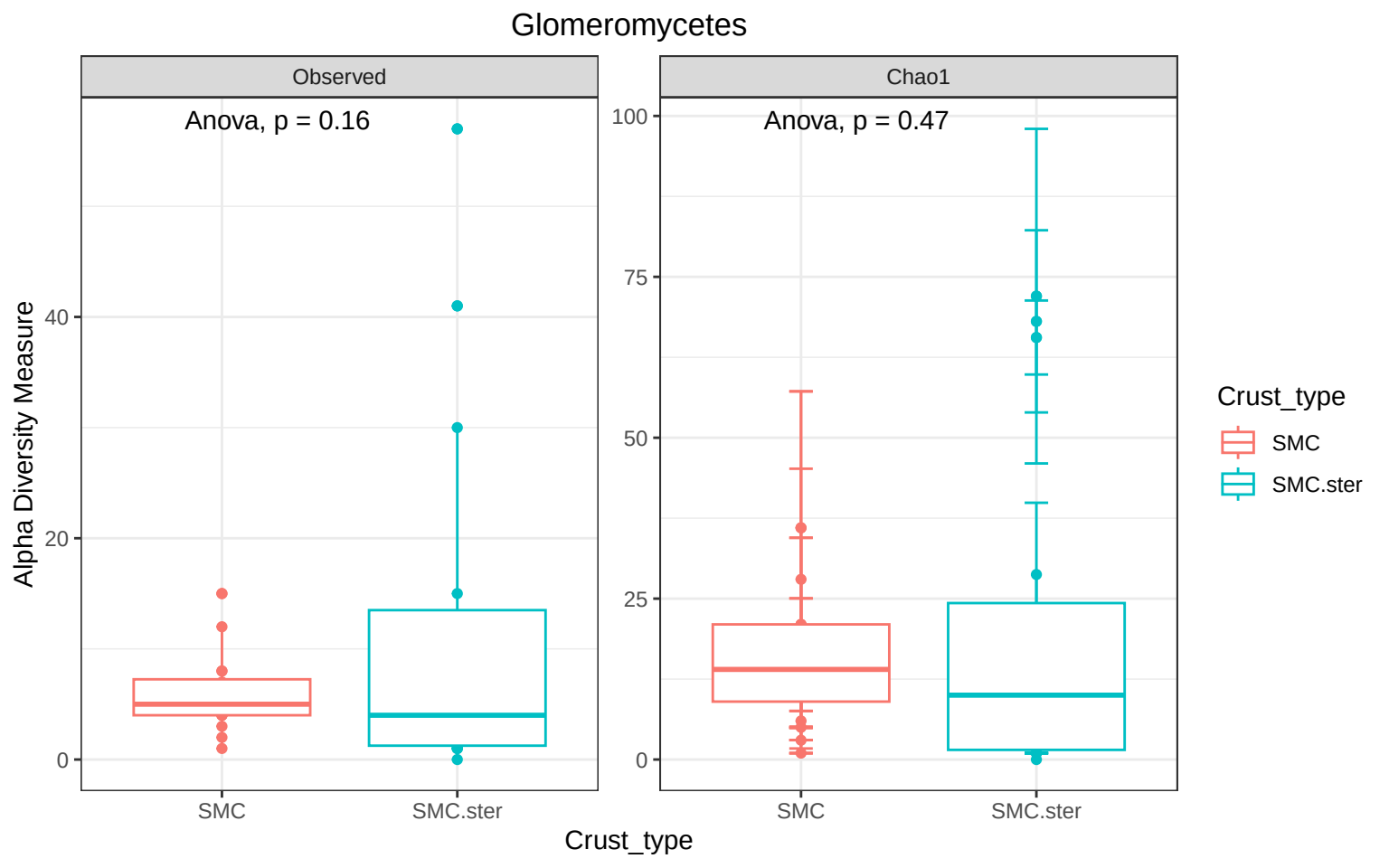
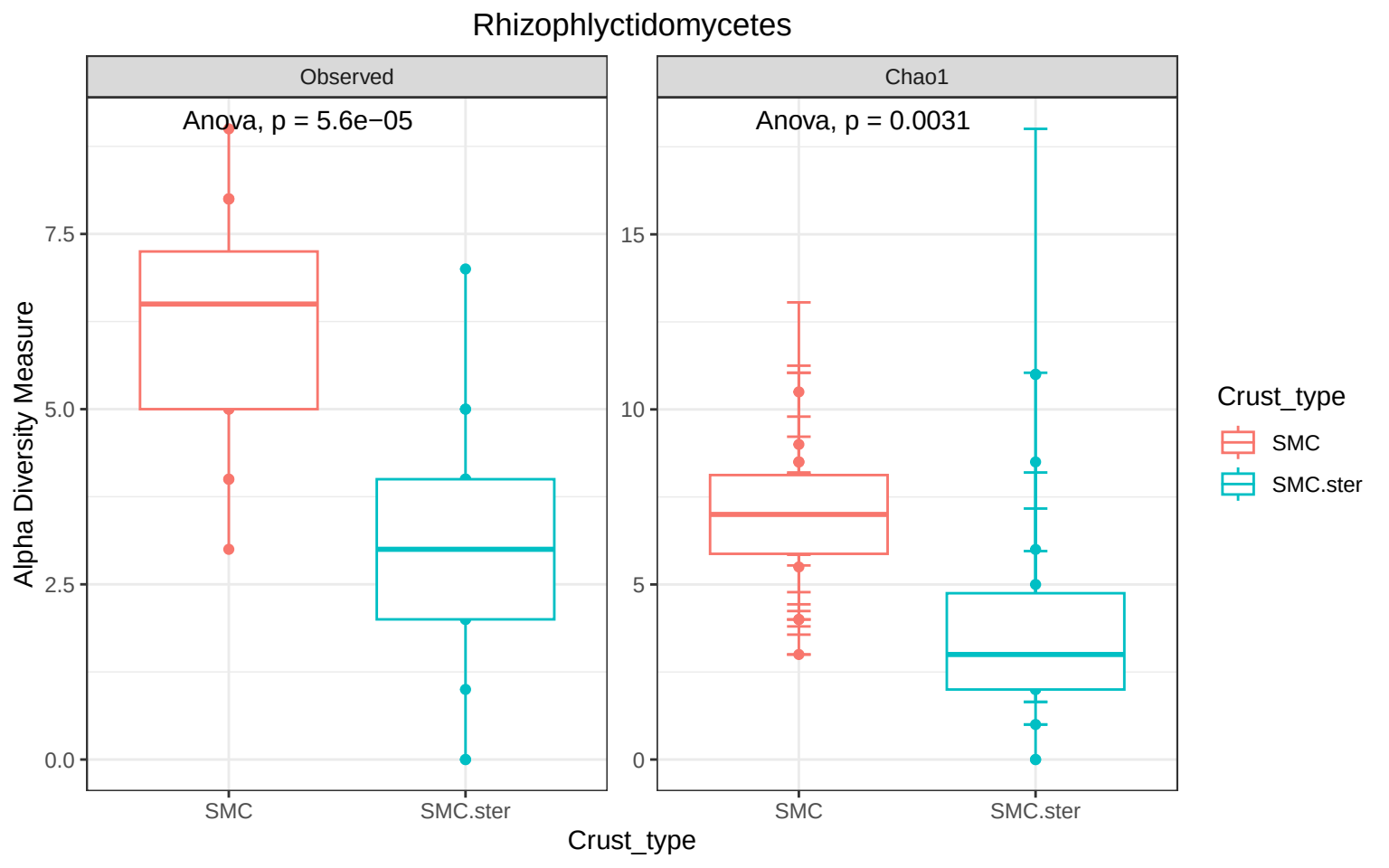
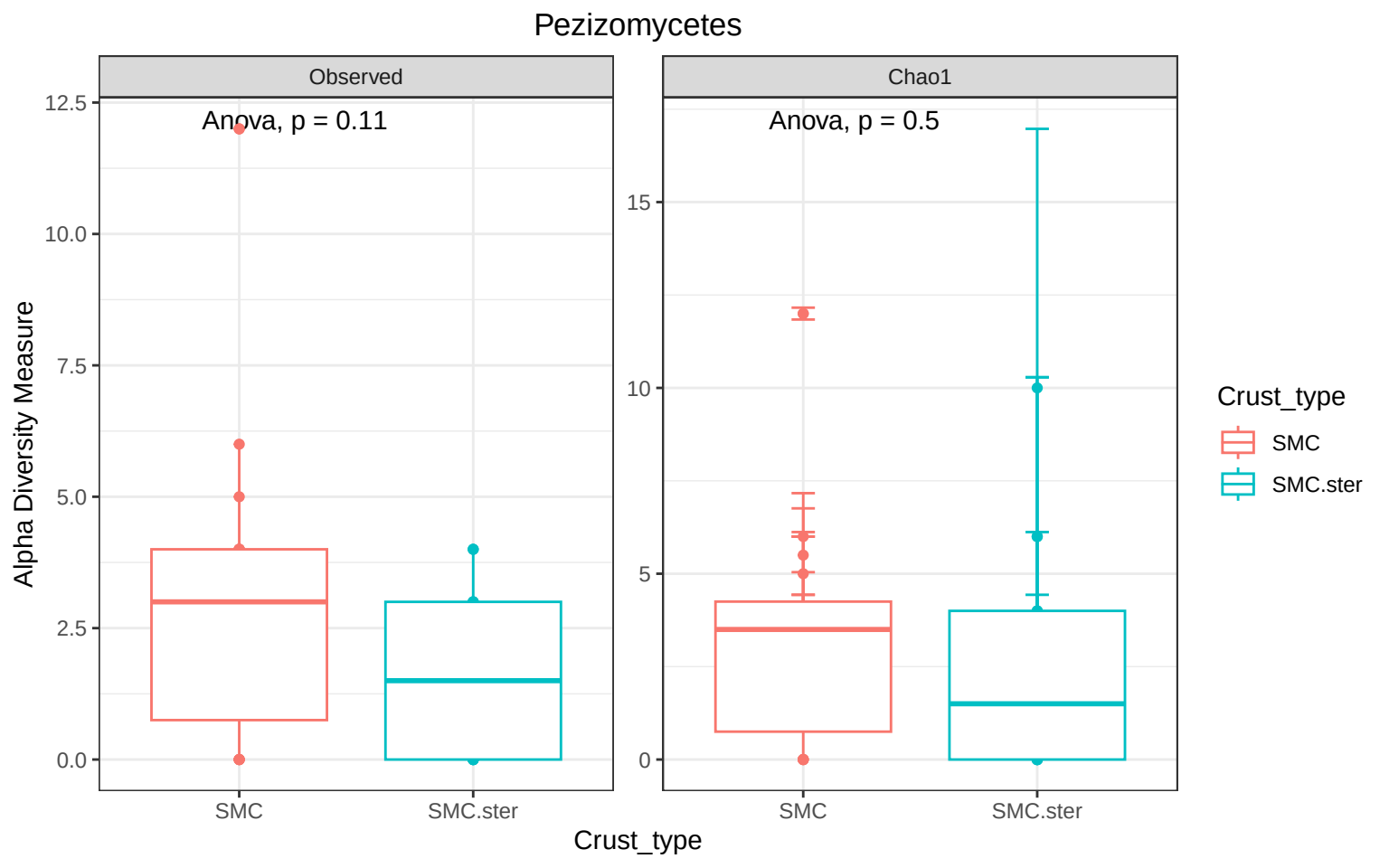

Sordariomycetes
Observed
Chao1
Anova, p = 0.052
Anova, p = 0.021
Alpha Diversity Measure
100
75
50
25
0
200
150
100
50
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

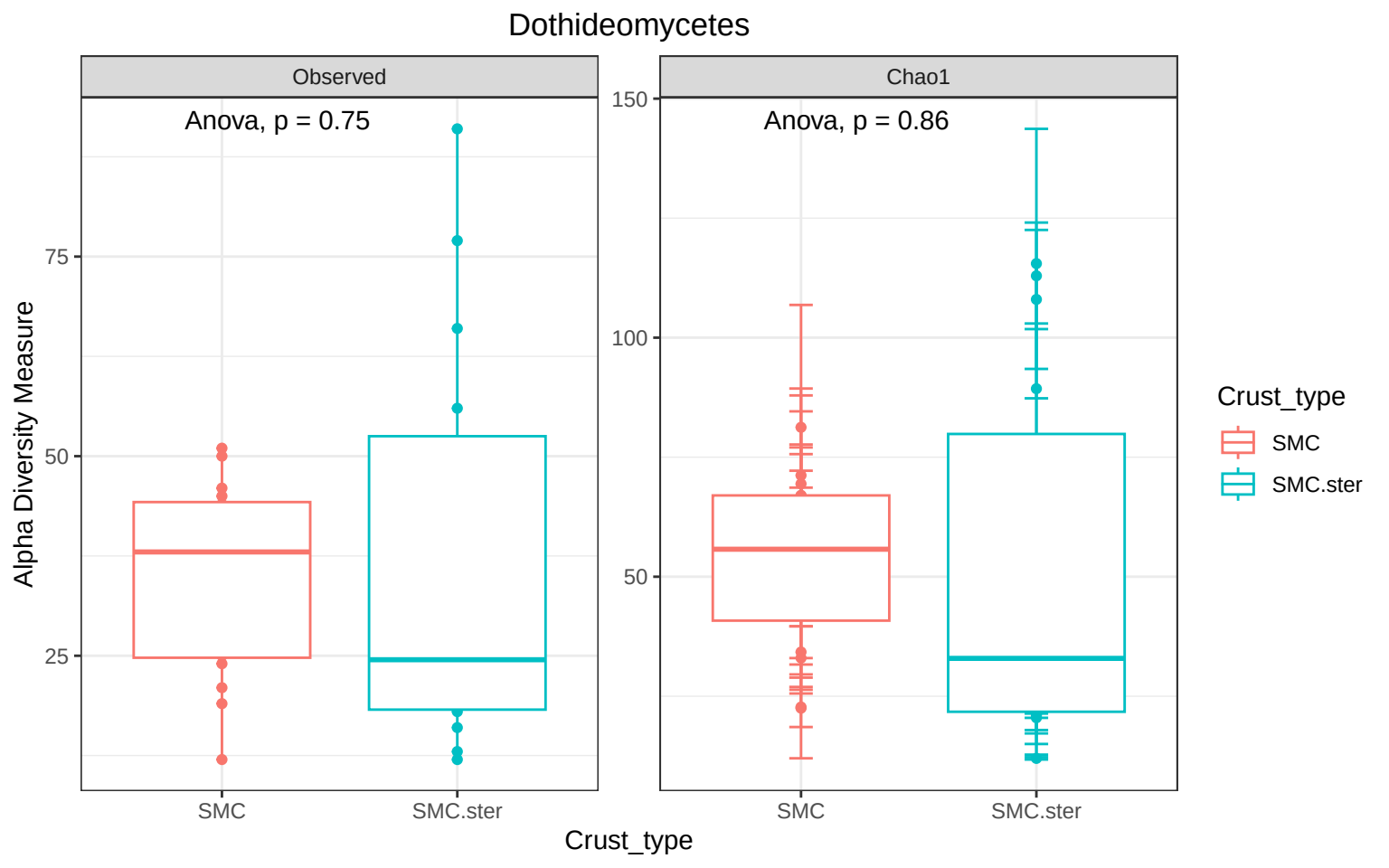

Agaricomycetes
Observed
Chao1
Anova, p = 0.7
Anova, p = 0.98
Alpha Diversity Measure
30
20
10
75
50
25
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

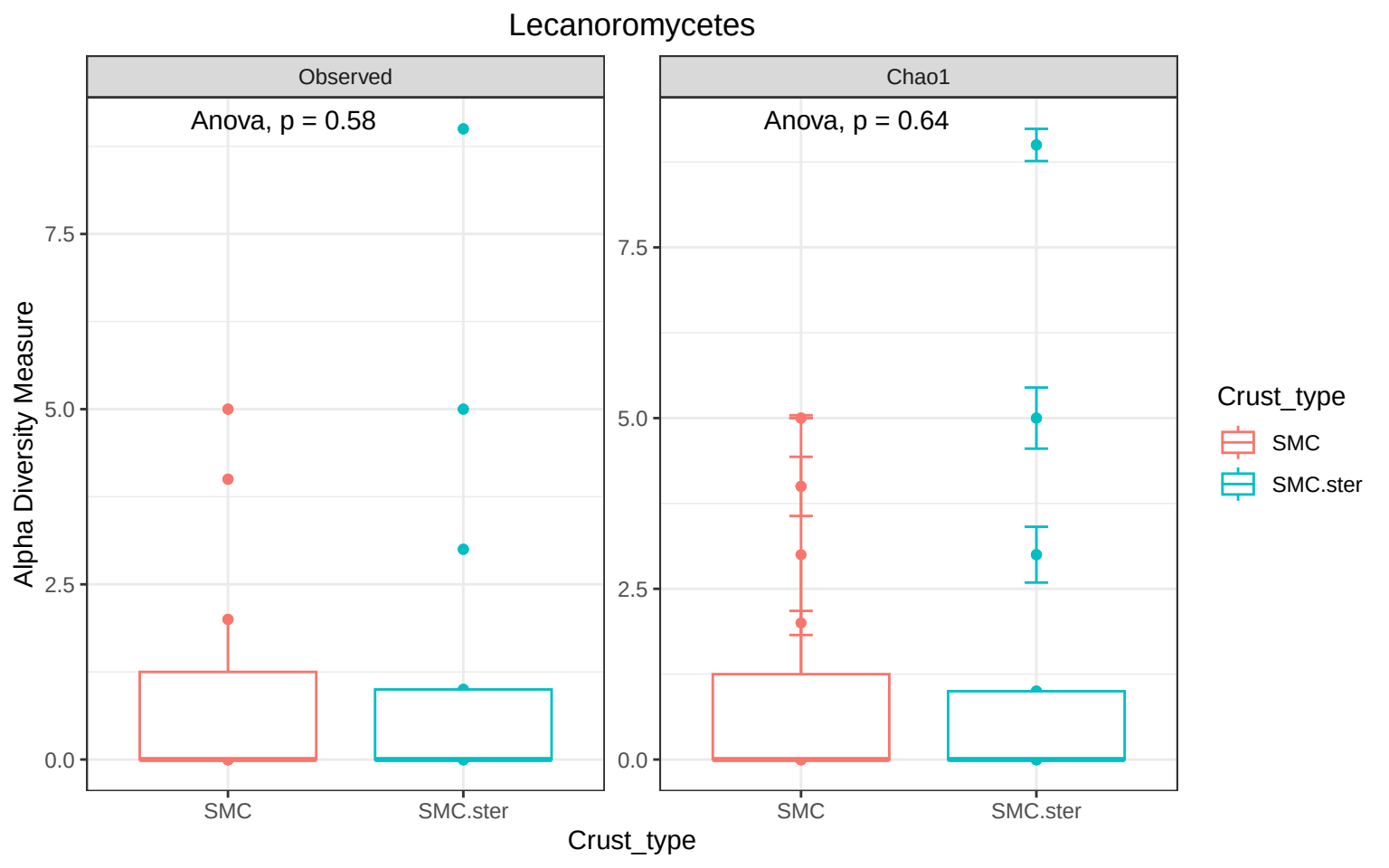

Eurotiomycetes
Observed
Chao1
Anova, p = 0.76
Anova, p = 0.63
Alpha Diversity Measure
0
10
20
30
40
0
20
40
60
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

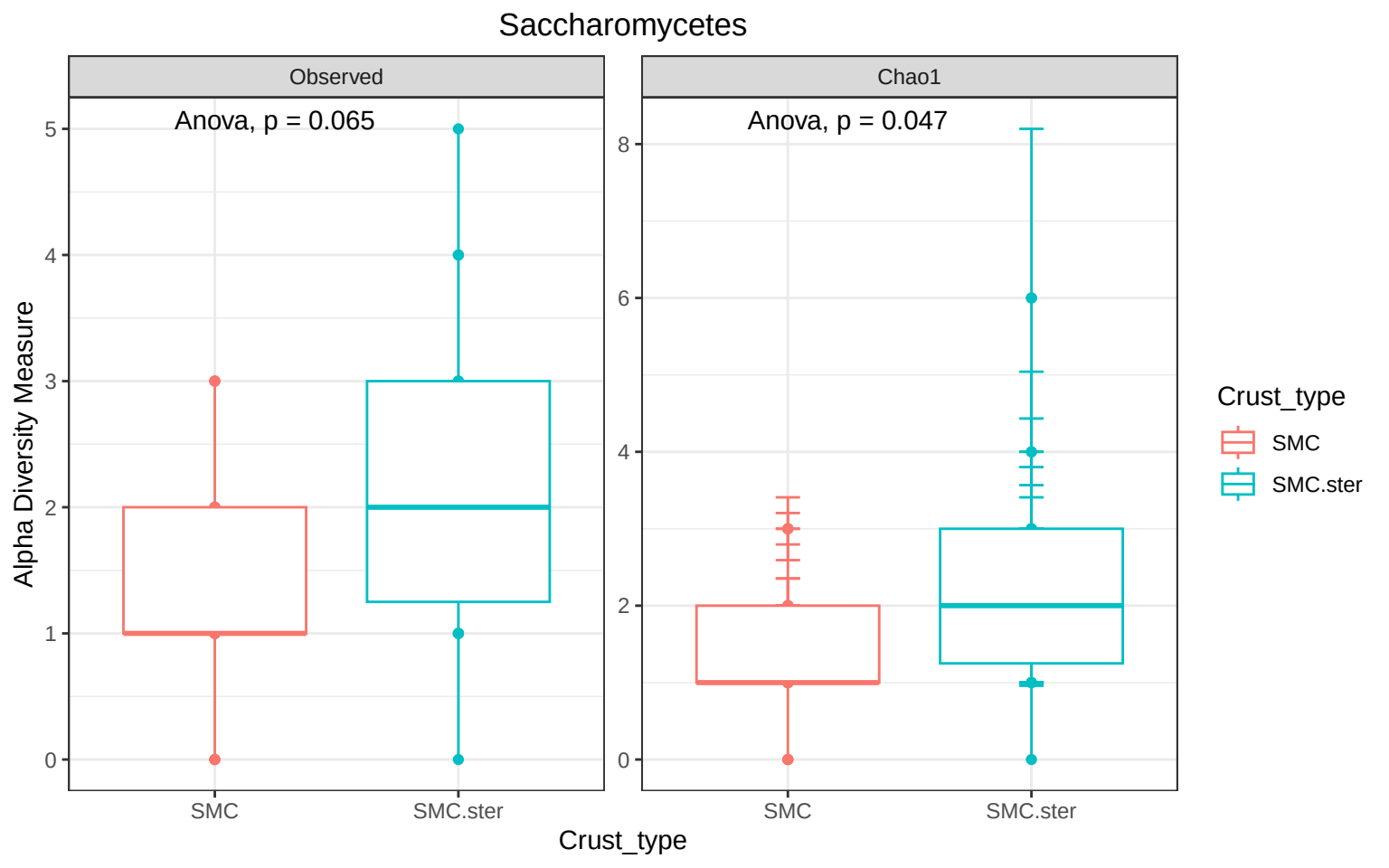

Glomeromycetes
Observed
Chao1
Anova, p = 0.16
Anova, p = 0.47
Alpha Diversity Measure
0
20
40
0
25
50
75
100
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

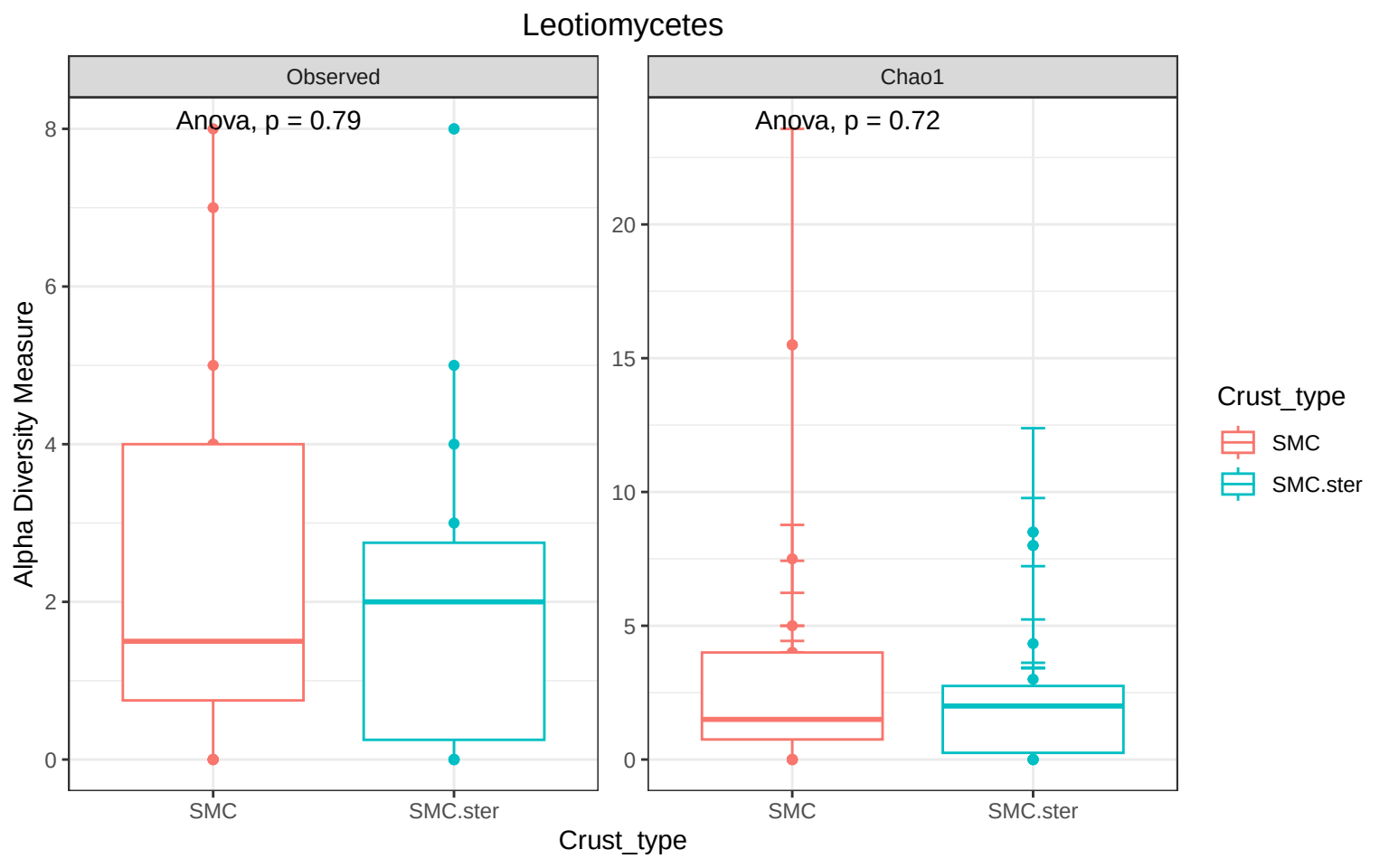

Rhizophlyctidomycetes
Observed
Chao1
Anova, p = 5.6e−05
Anova, p = 0.0031
Alpha Diversity Measure
7.5
5.0
2.5
0.0
15
10
5
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

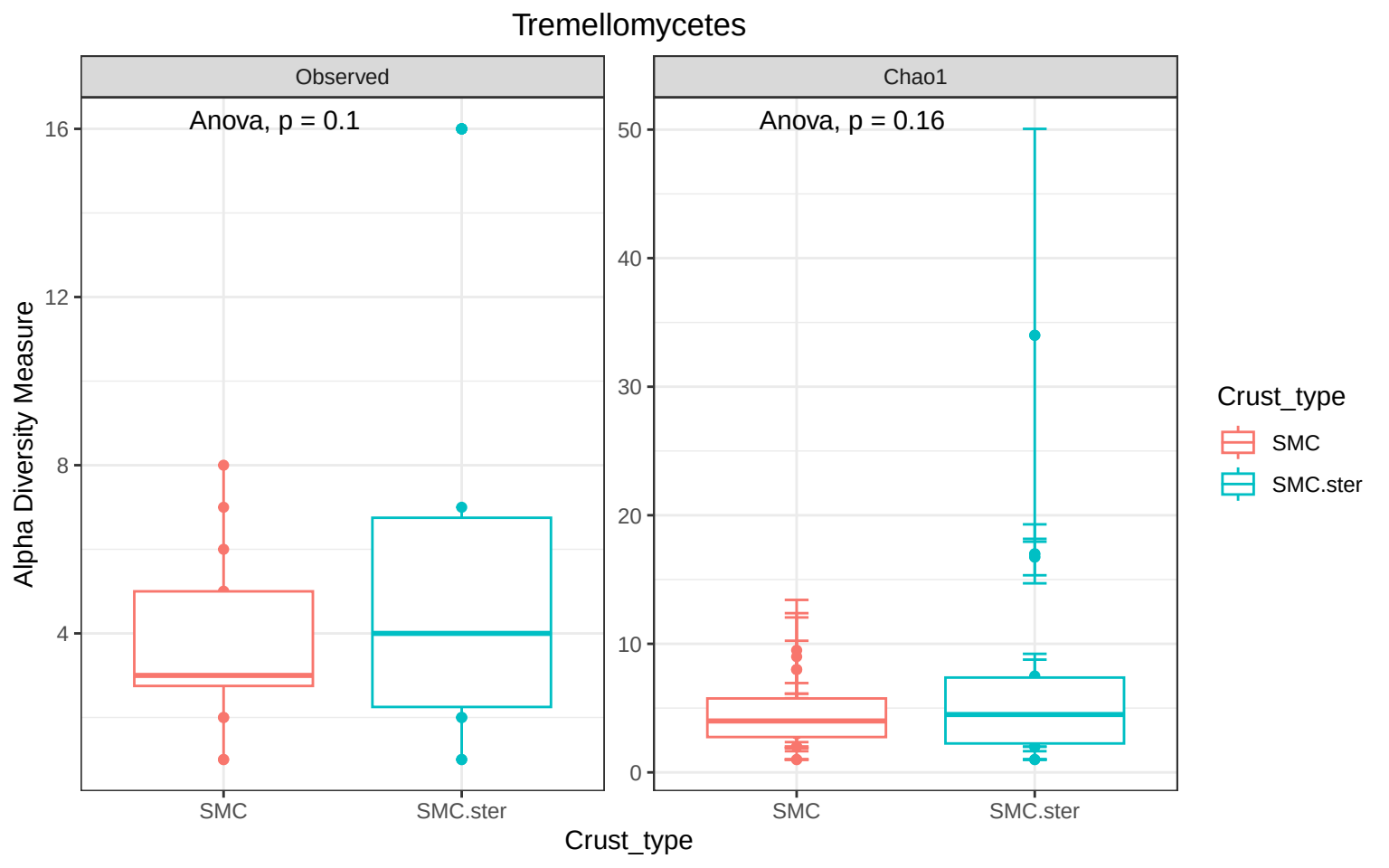

Pezizomycetes
Observed
Chao1
Anova, p = 0.11
Anova, p = 0.5
Alpha Diversity Measure
12.5
10.0
7.5
5.0
2.5
0.0
15
10
5
0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

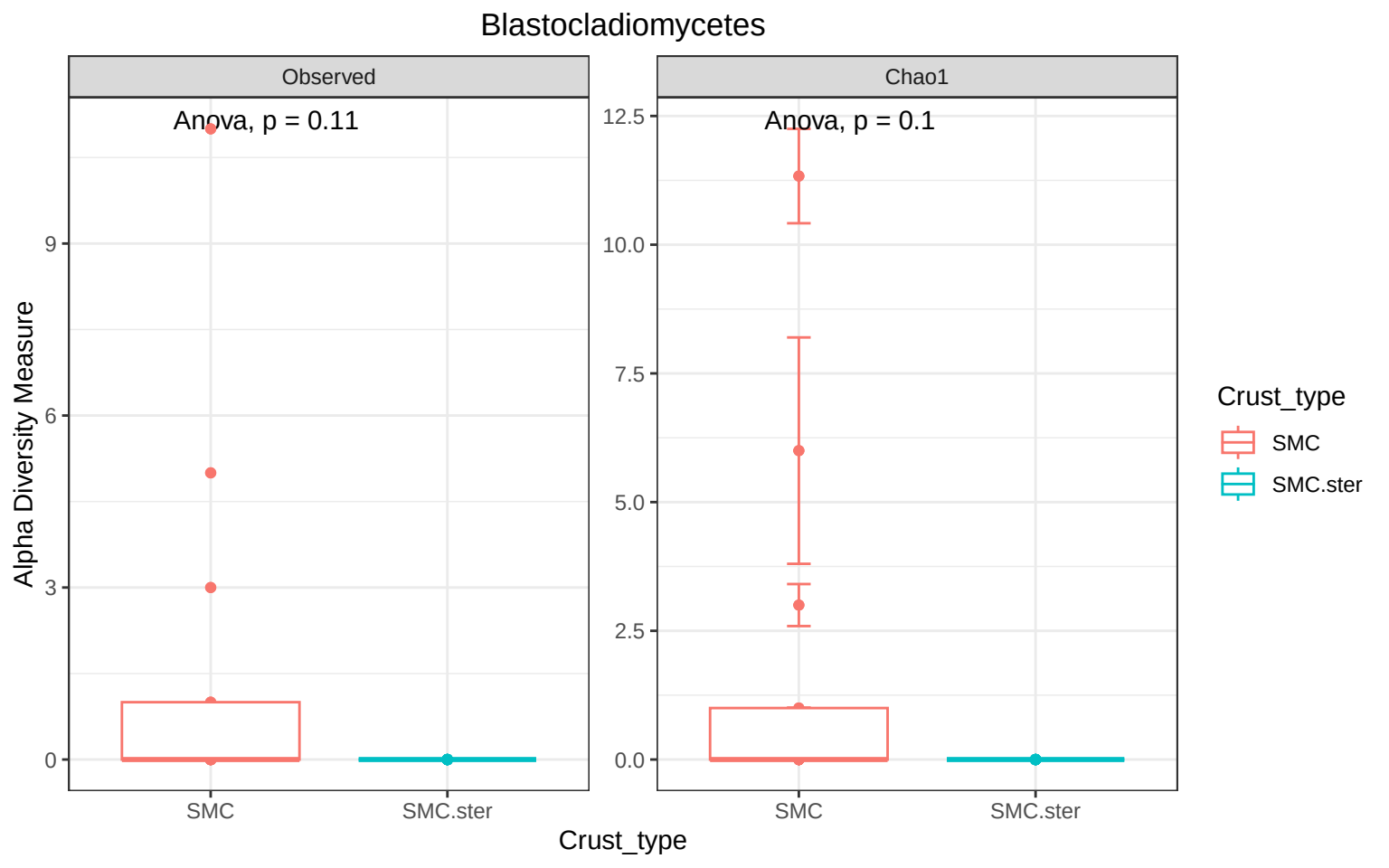

Dothideomycetes
Observed
Chao1
Anova, p = 0.75
Anova, p = 0.86
Alpha Diversity Measure
75
50
25
150
100
50
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

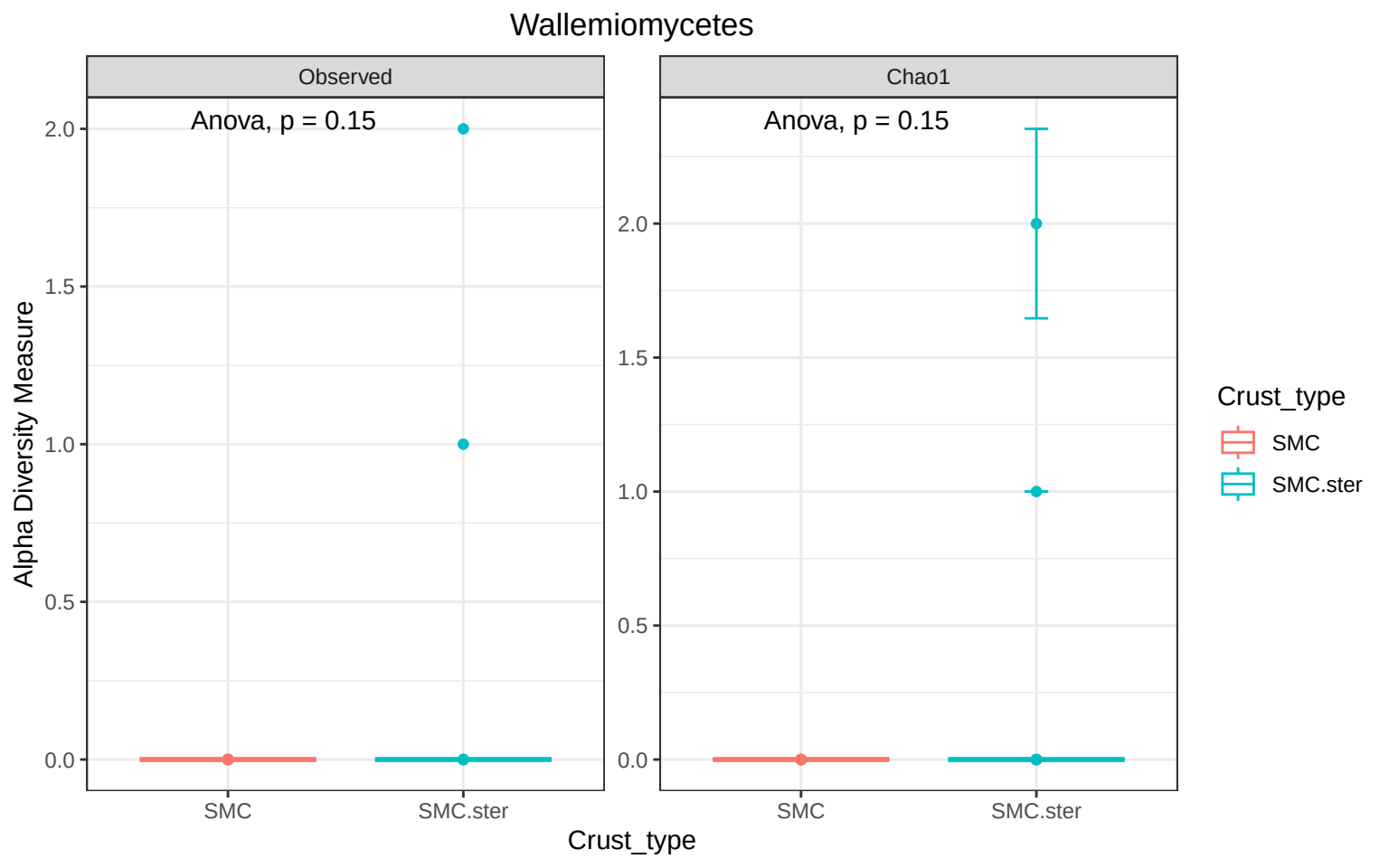

Lecanoromycetes
Observed
Chao1
Anova, p = 0.58
Anova, p = 0.64
Alpha Diversity Measure
7.5
5.0
2.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

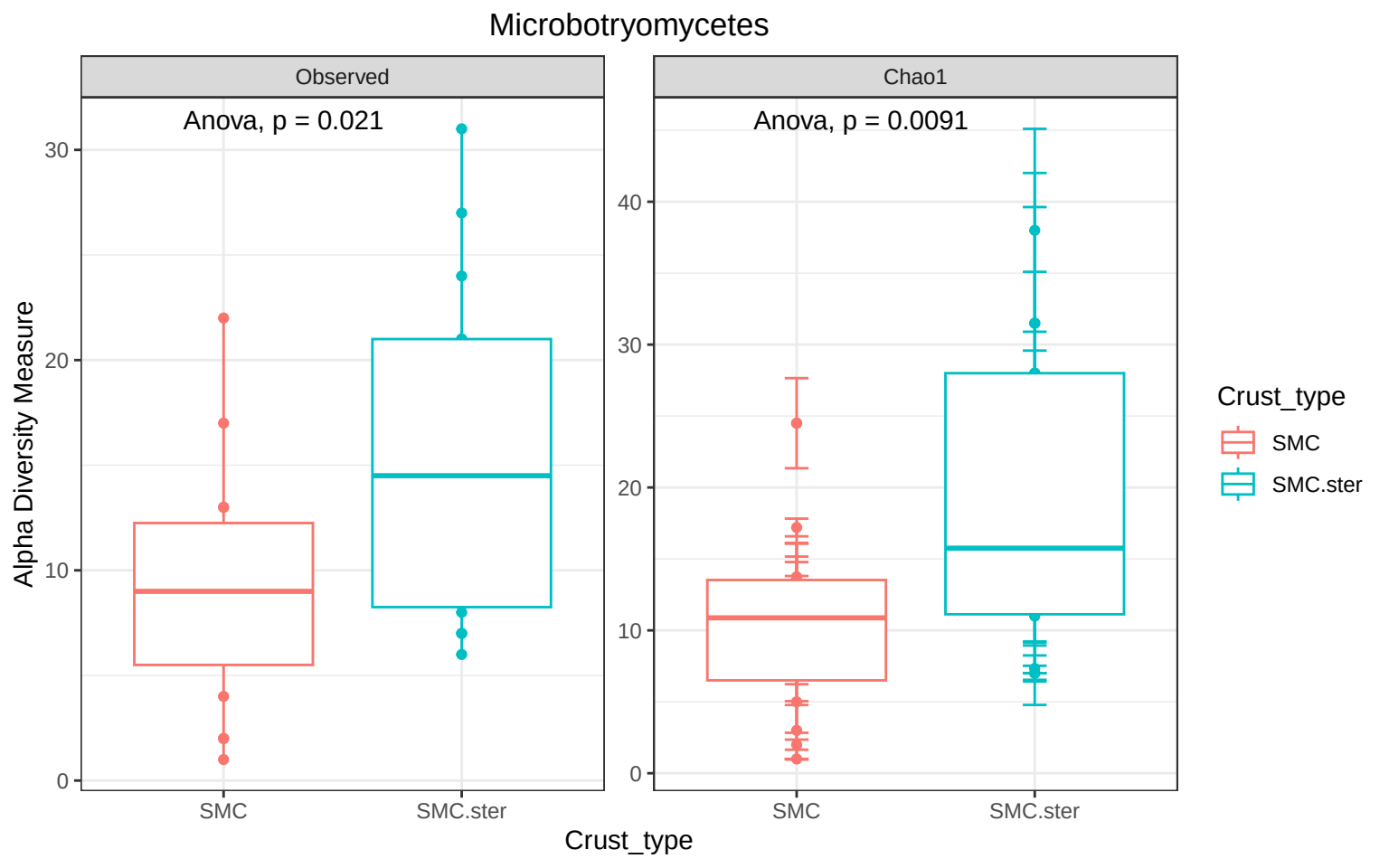

Saccharomycetes
Observed
Chao1
Anova, p = 0.065
Anova, p = 0.047
Alpha Diversity Measure
Crust_type
SMC
SMC.ster
0
1
2
3
4
5
6
8

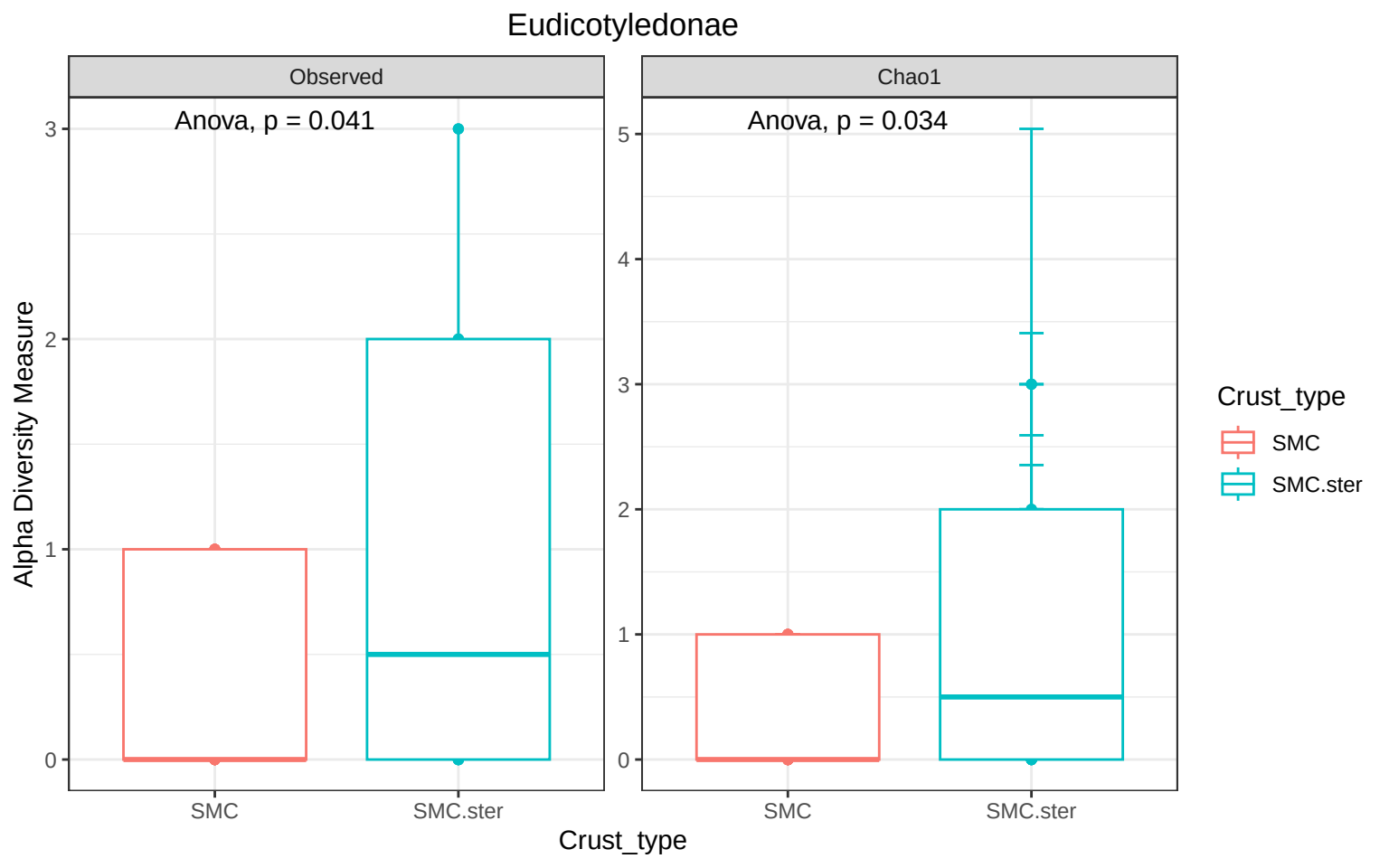

Leotiomycetes
Observed
Chao1
Anova, p = 0.79
Anova, p = 0.72
Alpha Diversity Measure
Crust_type
SMC
SMC.ster
0
2
4
6
8
5
10
15
20

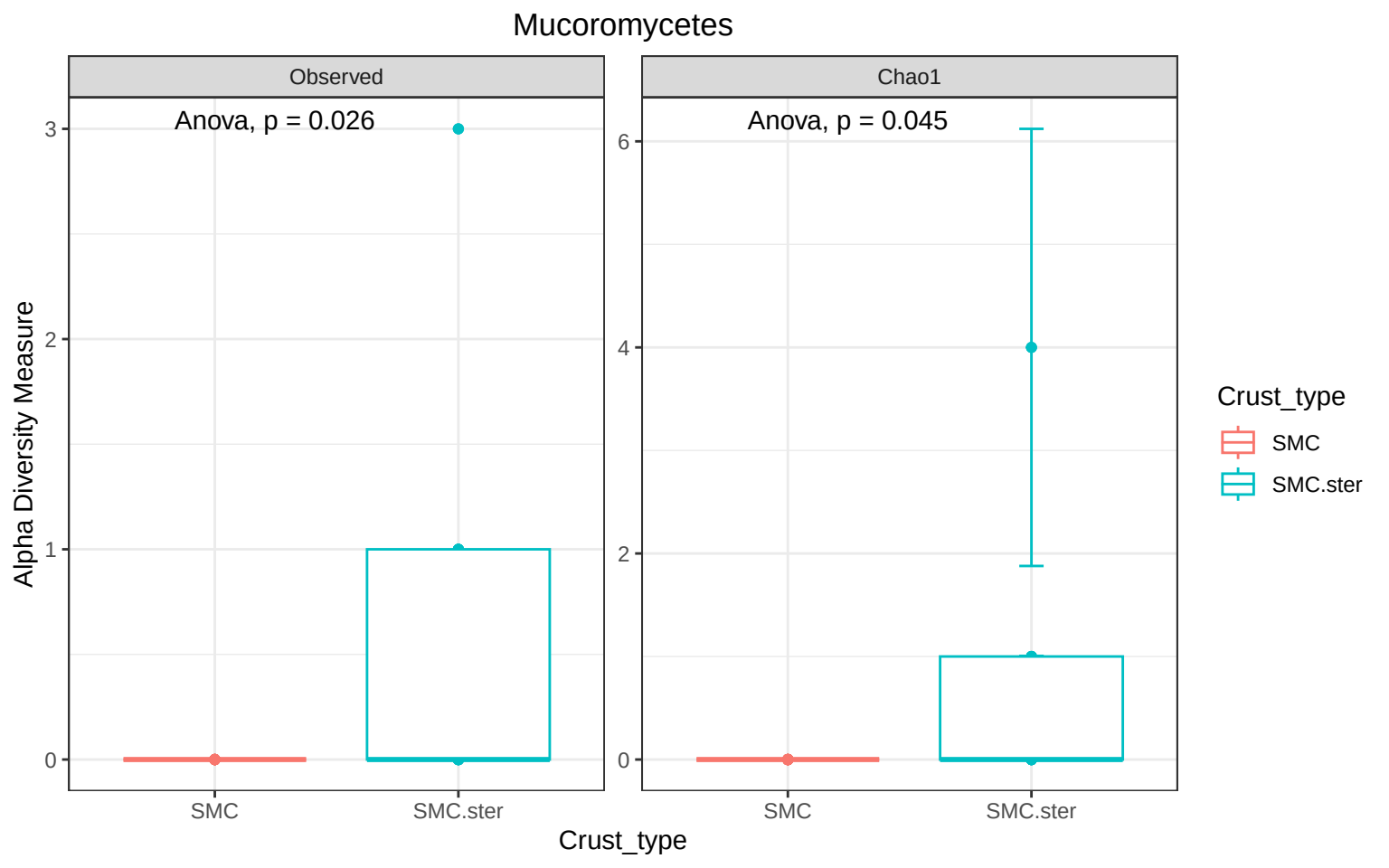

Tremellomycetes
Observed
Chao1
Anova, p = 0.1
Anova, p = 0.16
Alpha Diversity Measure
16
12
8
4
50
40
30
20
10
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

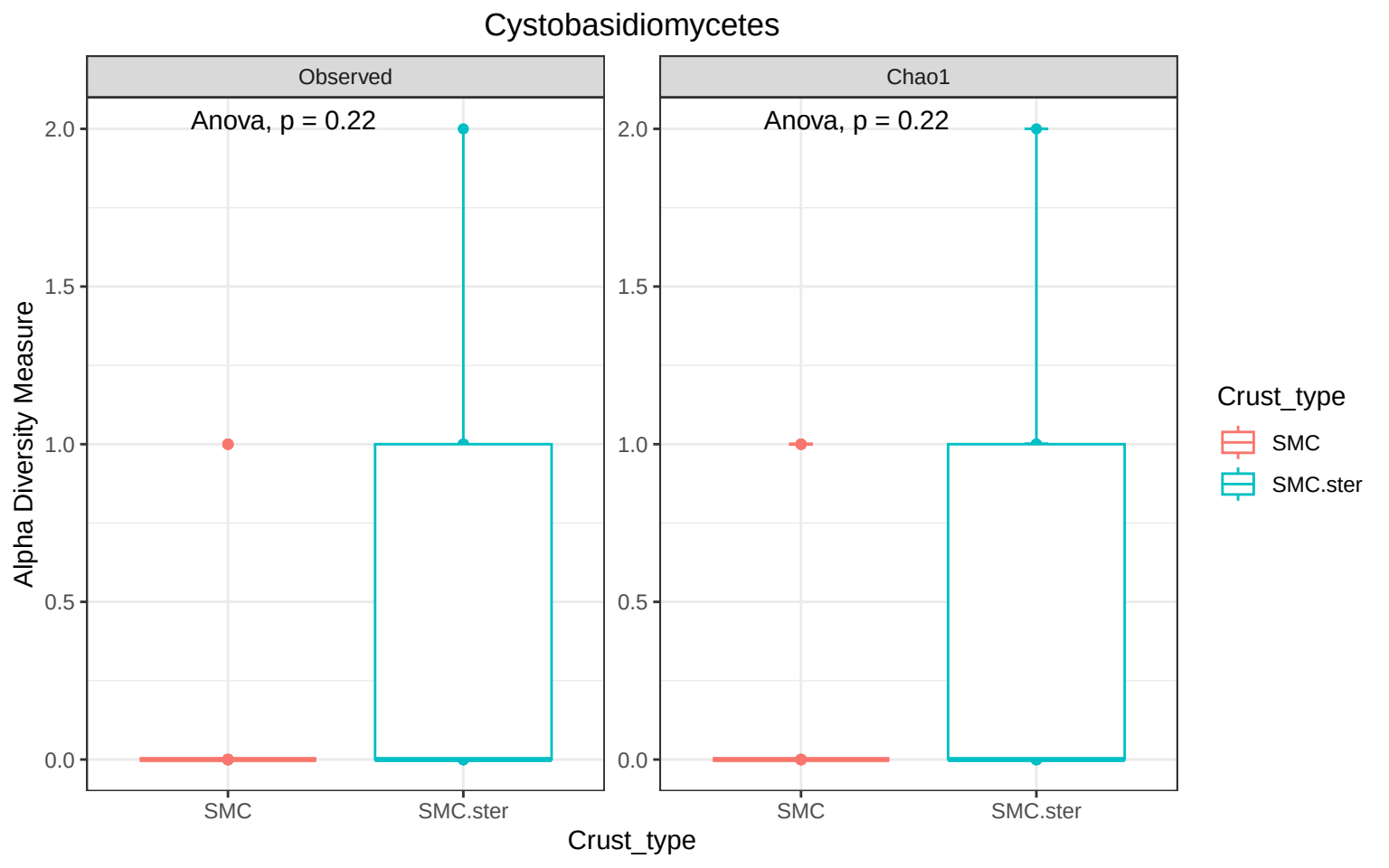

Blastocladiomycetes
Observed
Chao1
Anova, p = 0.11
Anova, p = 0.1
Alpha Diversity Measure
0
3
6
9
0.0
2.5
5.0
7.5
10.0
12.5
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

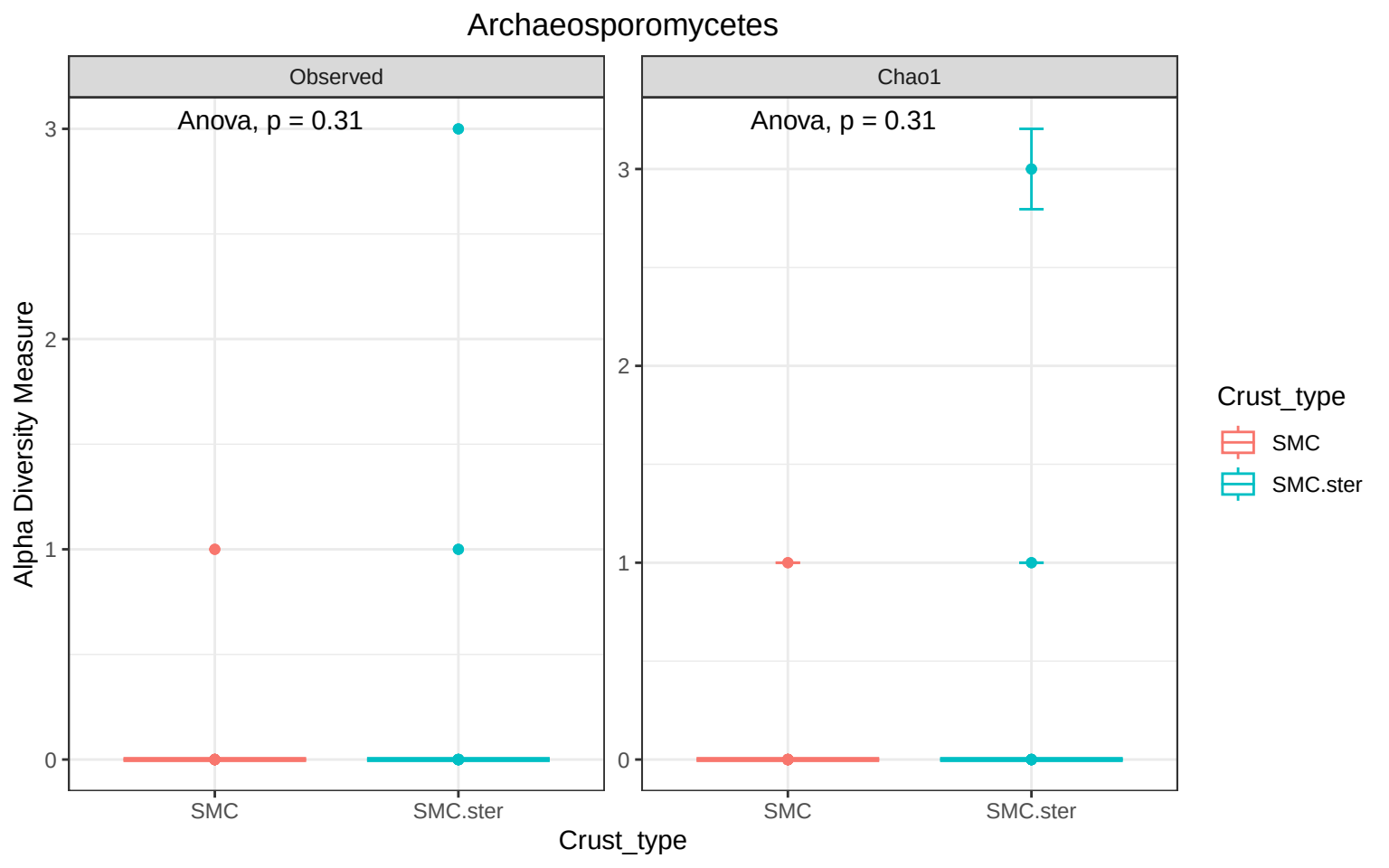

Wallemiomycetes
Observed
Chao1
Anova, p = 0.15
Anova, p = 0.15
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

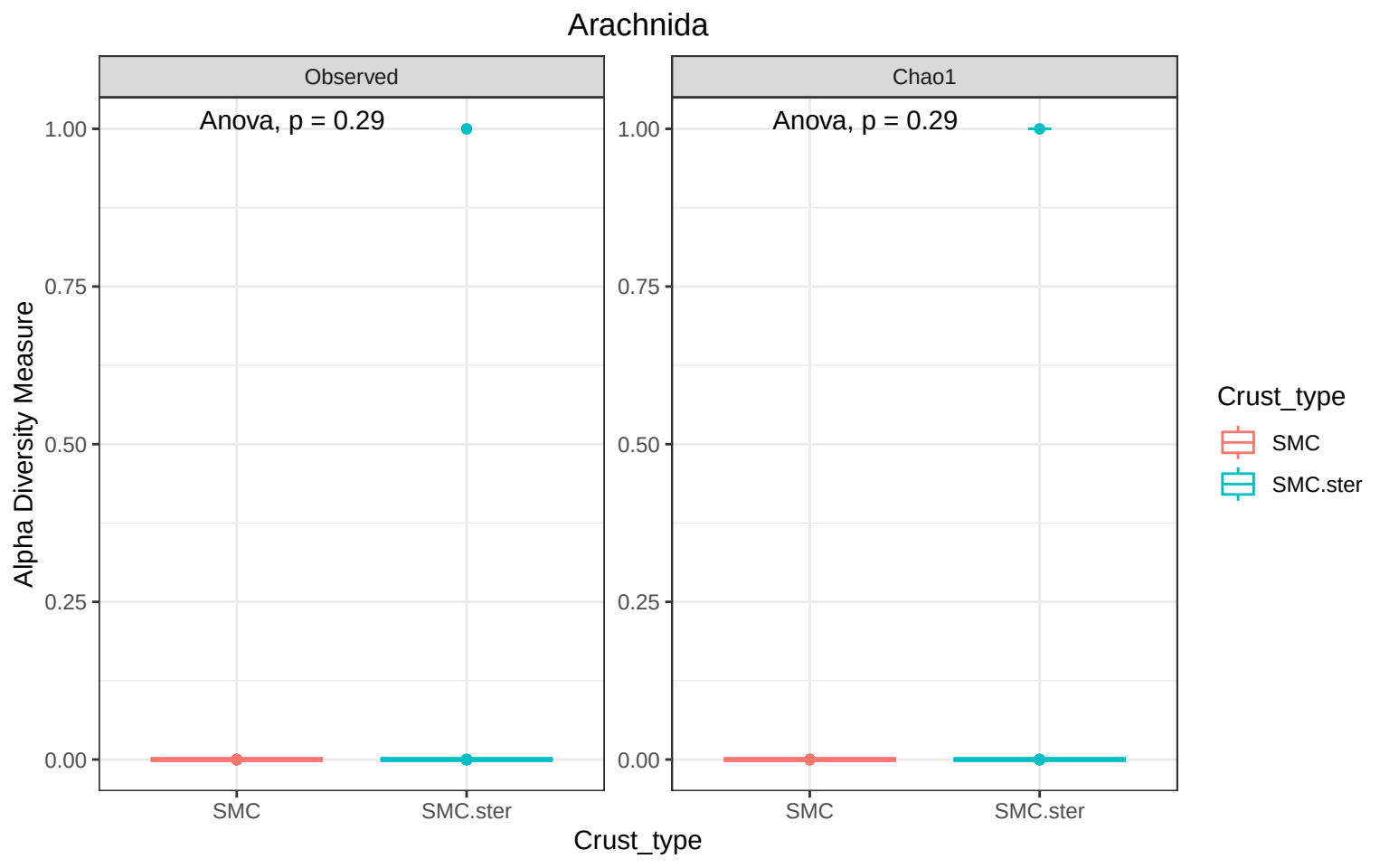

Microbotryomycetes
Observed
Chao1
Anova, p = 0.021
Anova, p = 0.0091
Alpha Diversity Measure
Crust_type
SMC
SMC.ster
0
10
20
30
40

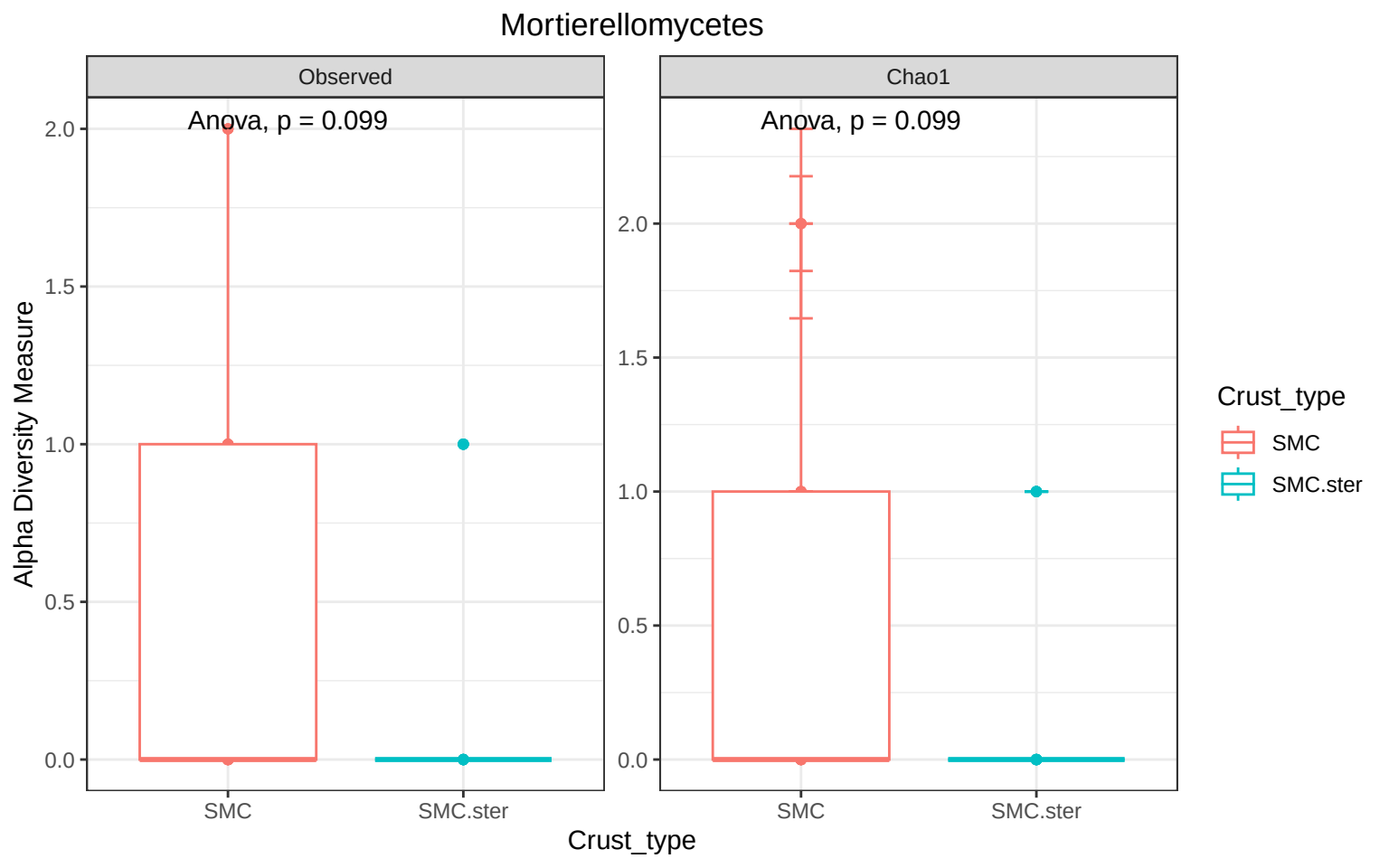

Eudicotyledonae
Observed
Chao1
Anova, p = 0.041
Anova, p = 0.034
Alpha Diversity Measure
Crust_type
SMC
SMC.ster
0
1
2
3
4
5

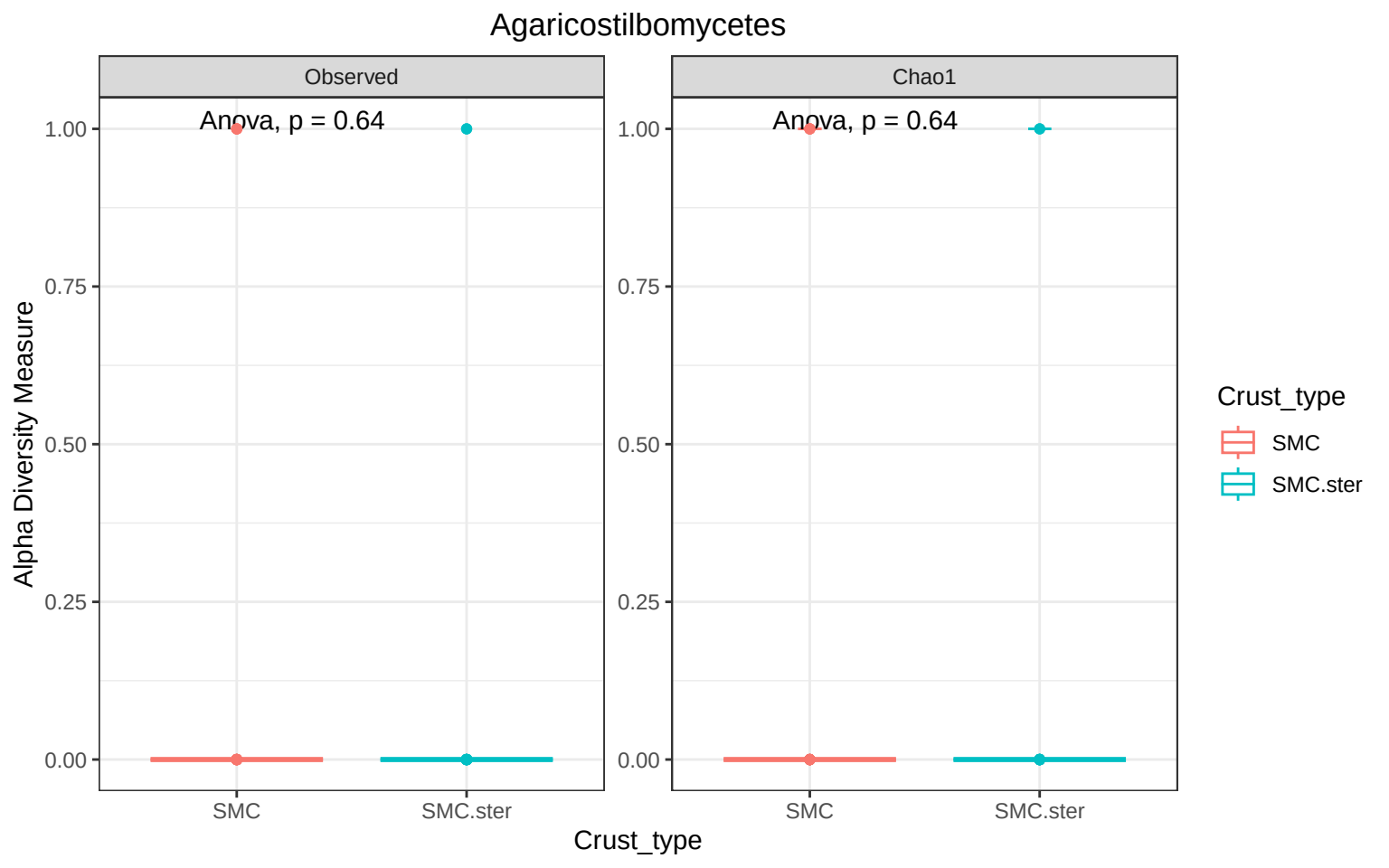

Mucoromycetes
Observed
Chao1
Anova, p = 0.026
Anova, p = 0.045
Alpha Diversity Measure
Crust_type
SMC
SMC.ster
0
1
2
3
4
6

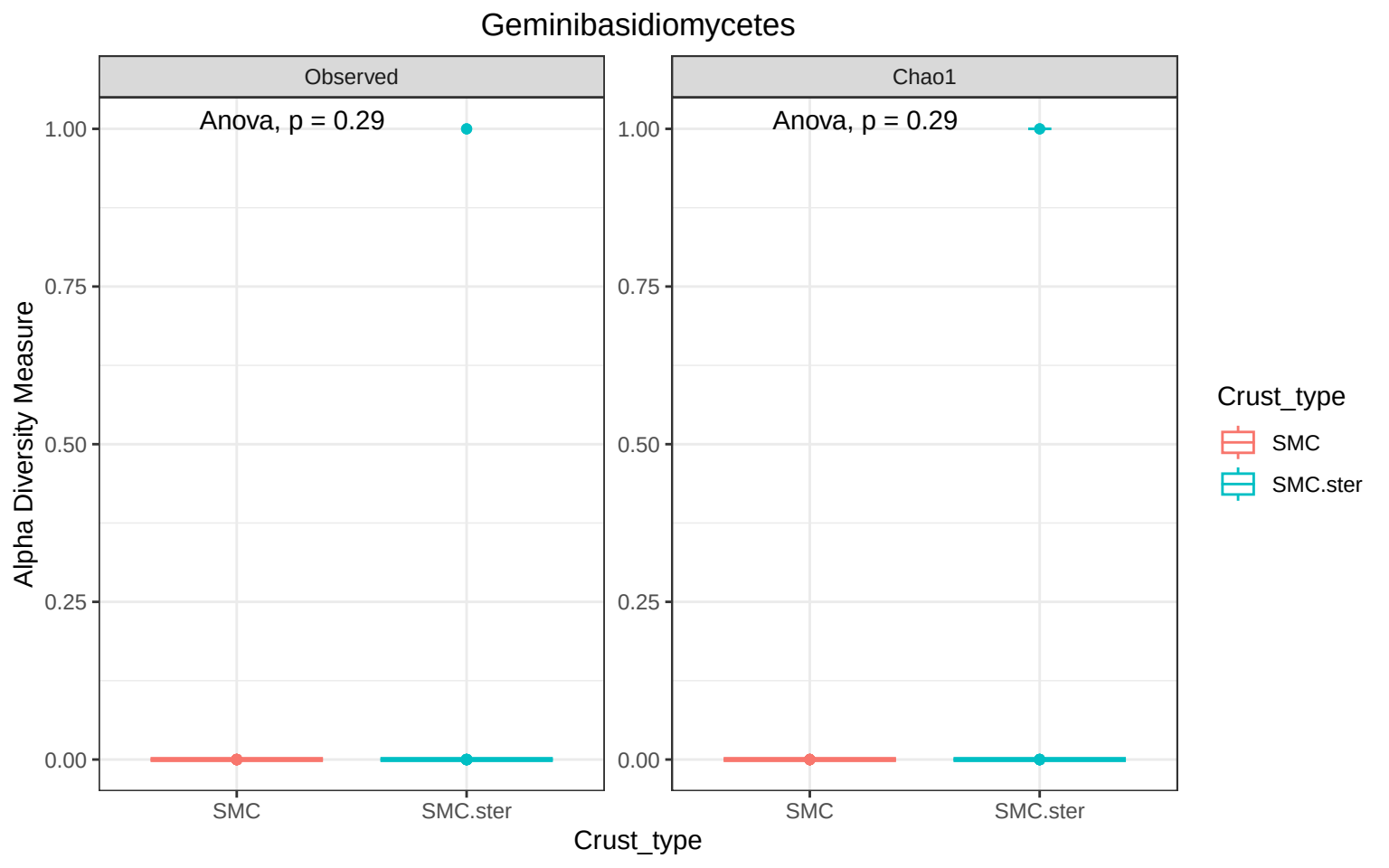

Cystobasidiomycetes
Observed
Chao1
Anova, p = 0.22
Anova, p = 0.22
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

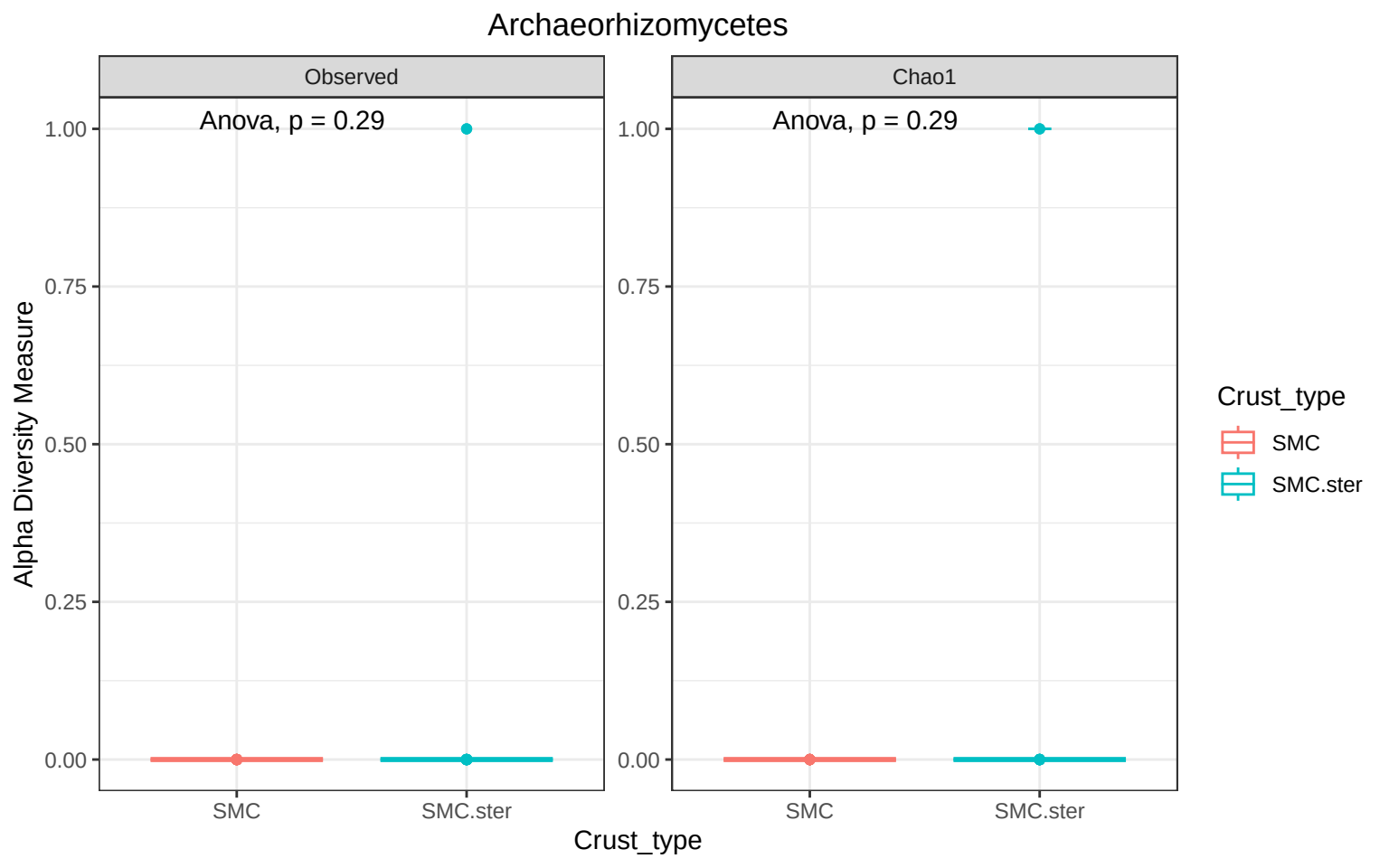

Archaeosporomycetes
Observed
Chao1
Anova, p = 0.31
Anova, p = 0.31
Alpha Diversity Measure
0
1
2
3
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

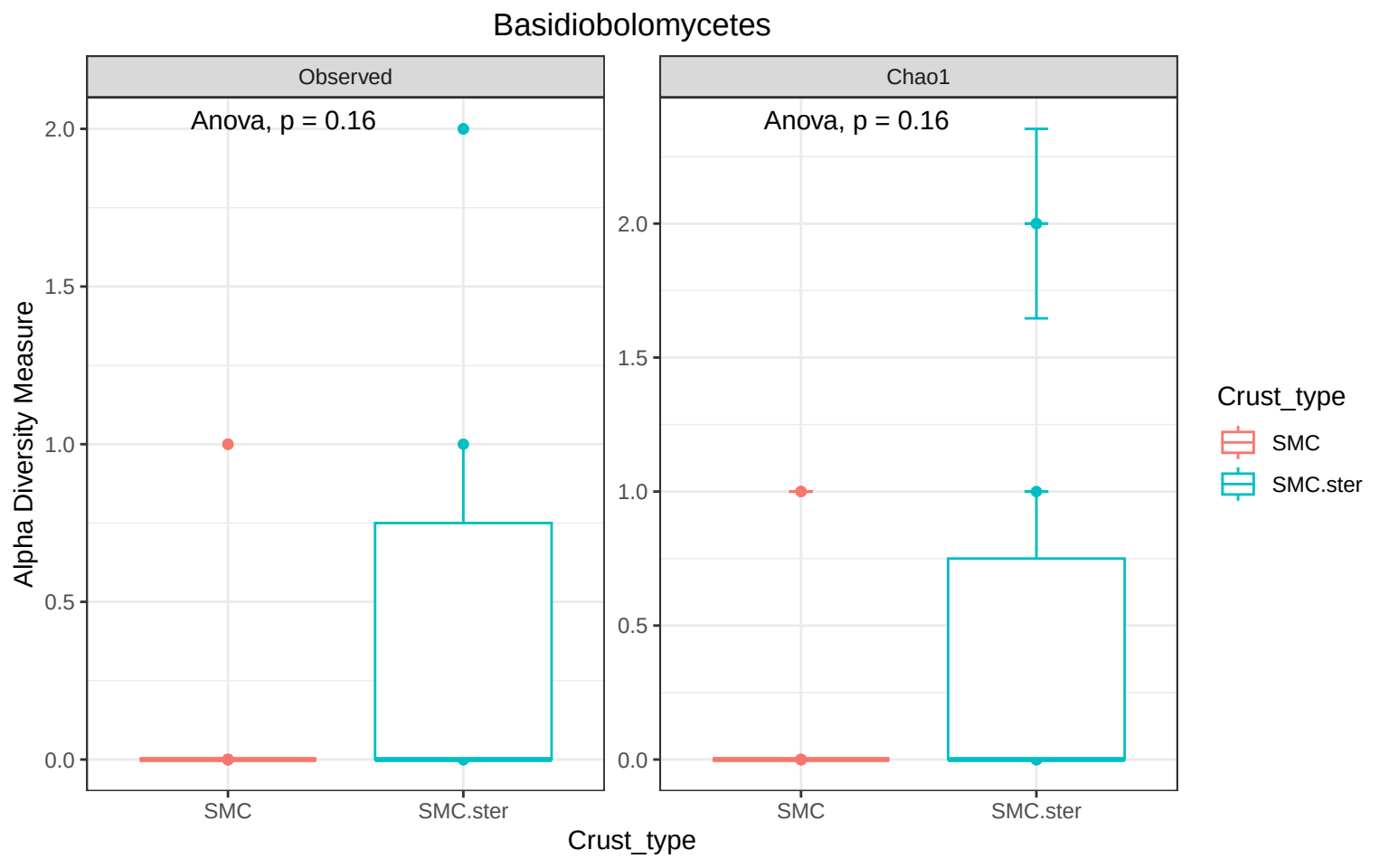

Arachnida
Observed
Chao1
Anova, p = 0.29
Anova, p = 0.29
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

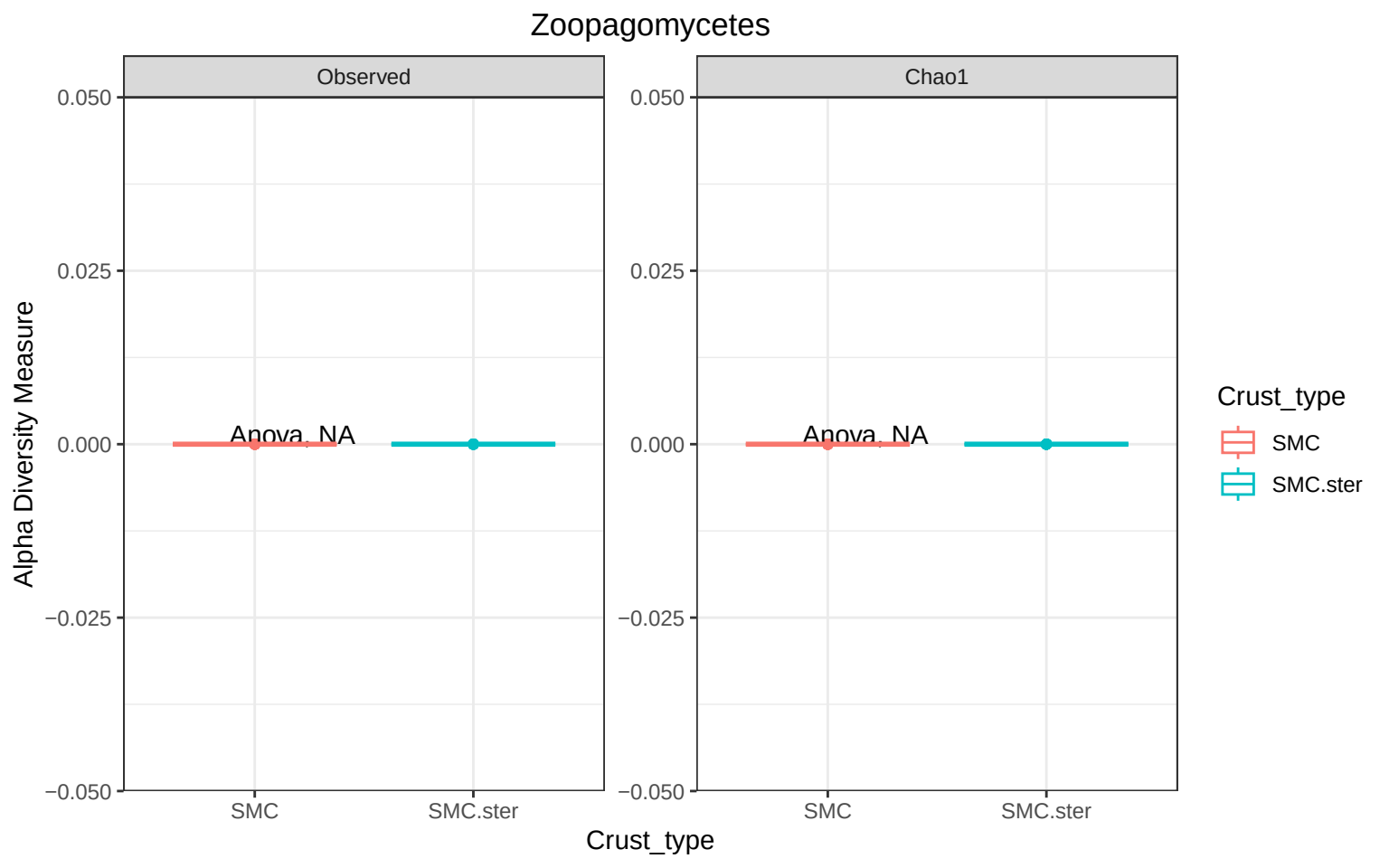

Mortierellomycetes
Observed
Chao1
Anova, p = 0.099
Anova, p = 0.099
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

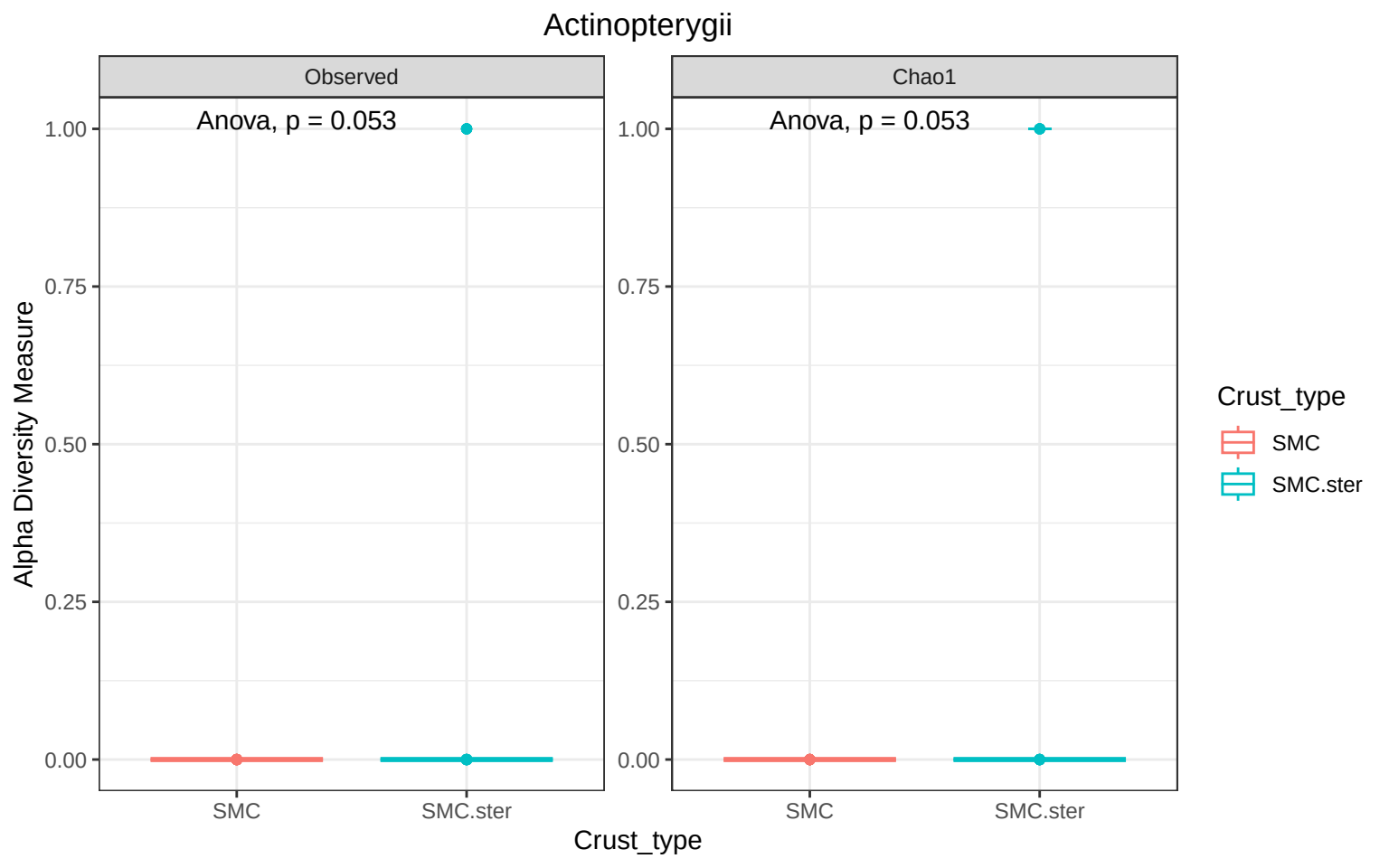

Agaricostilbomycetes
Observed
Chao1
Anova, p = 0.64
Anova, p = 0.64
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

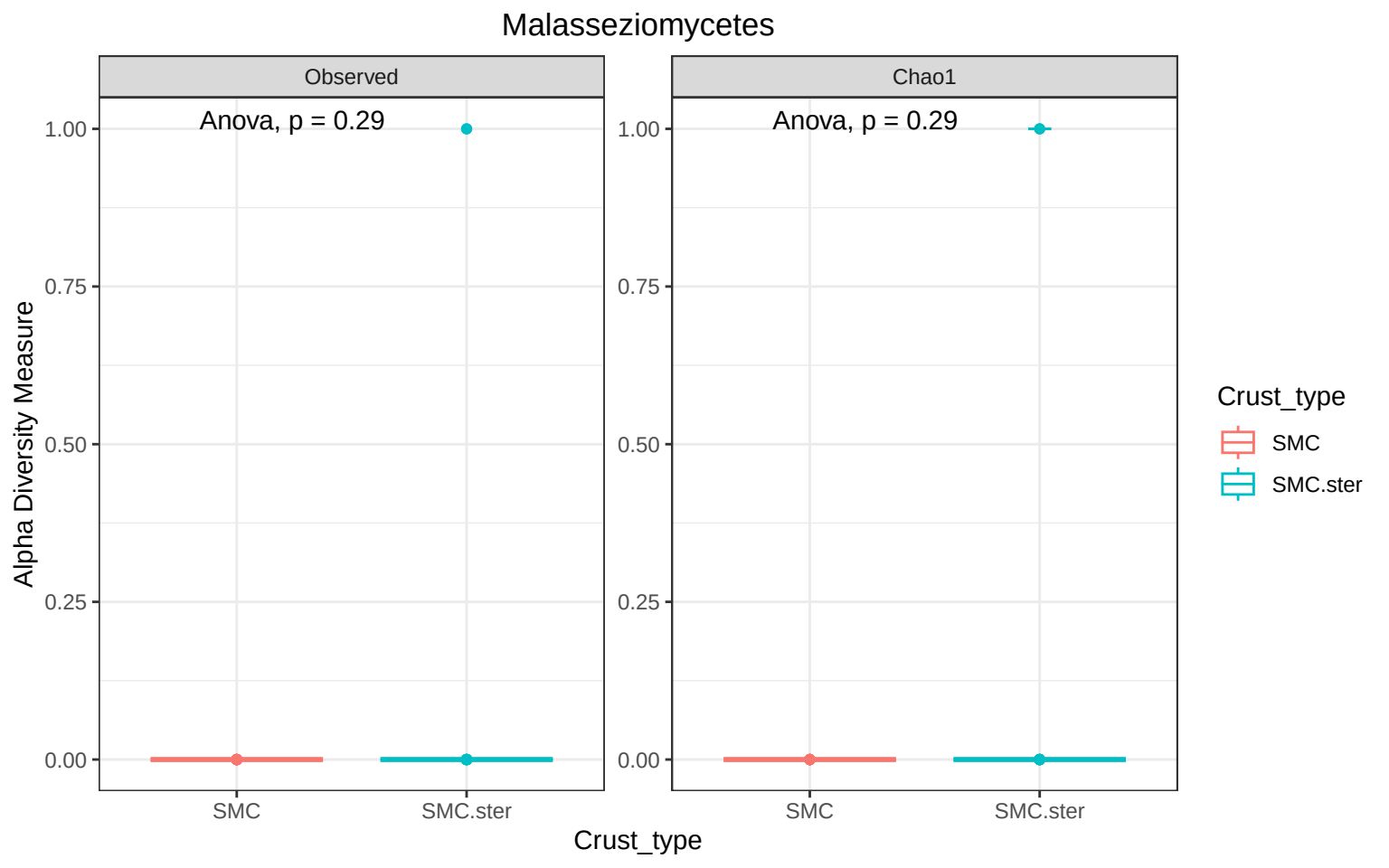

Geminibasidiomycetes
Observed
Chao1
Anova, p = 0.29
Anova, p = 0.29
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

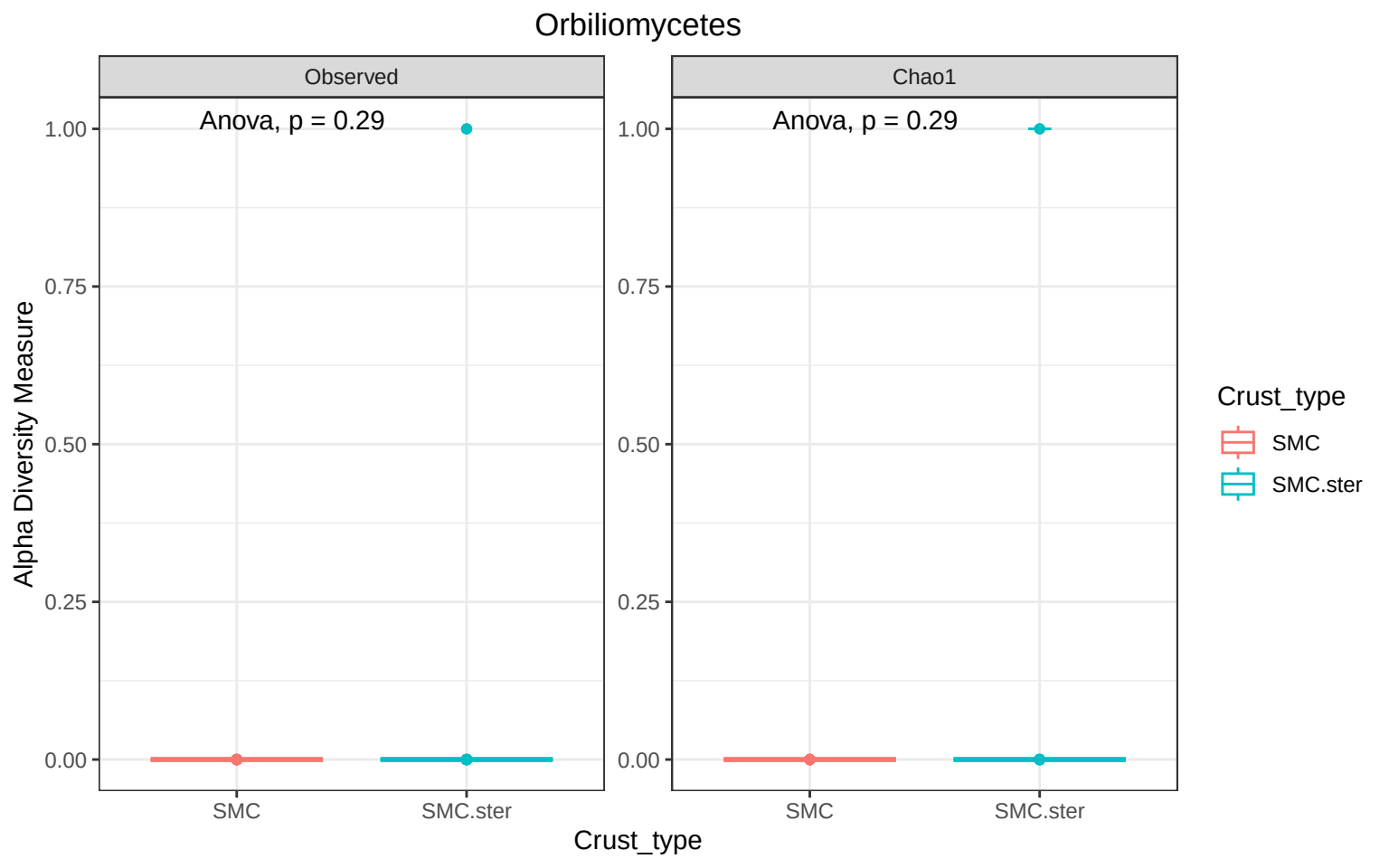

Archaeorhizomycetes
Observed
Chao1
Anova, p = 0.29
Anova, p = 0.29
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

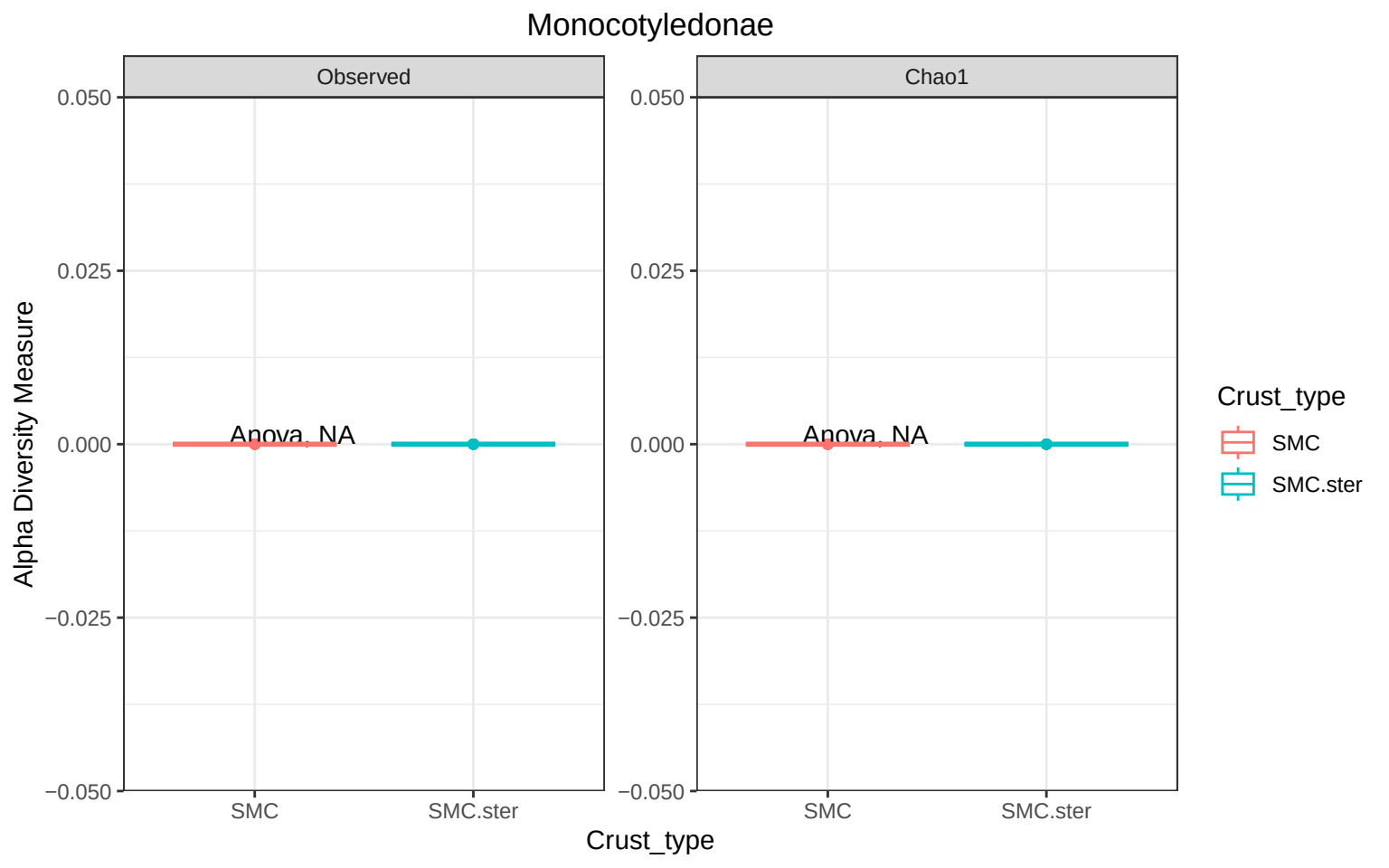

Basidiobolomycetes
Observed
Chao1
Anova, p = 0.16
Anova, p = 0.16
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

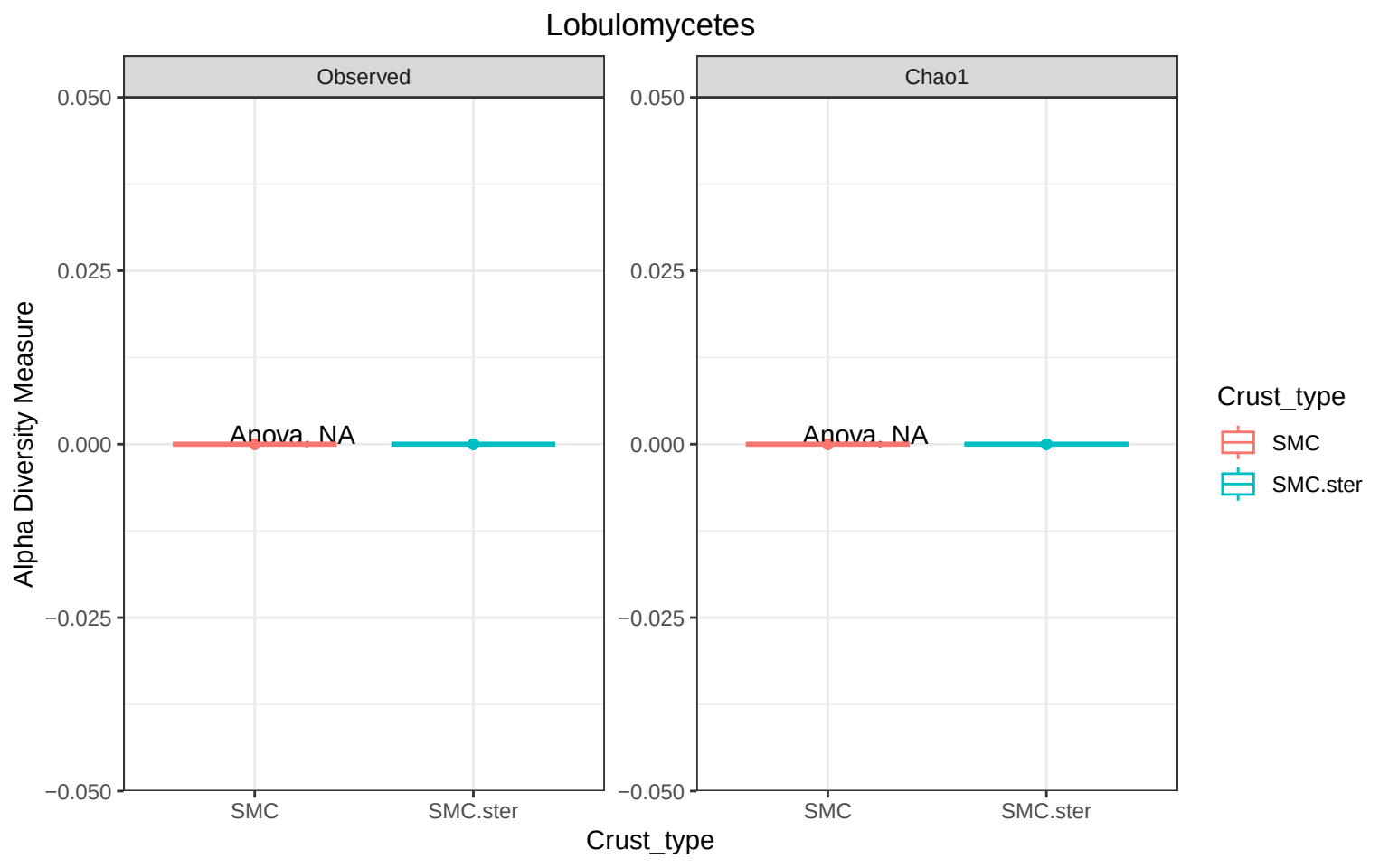

Zoopagomycetes
Observed
Chao1
Alpha Diversity Measure
0.050
0.025
0.000
−0.025
−0.050
Anova, NA
Anova, NA
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

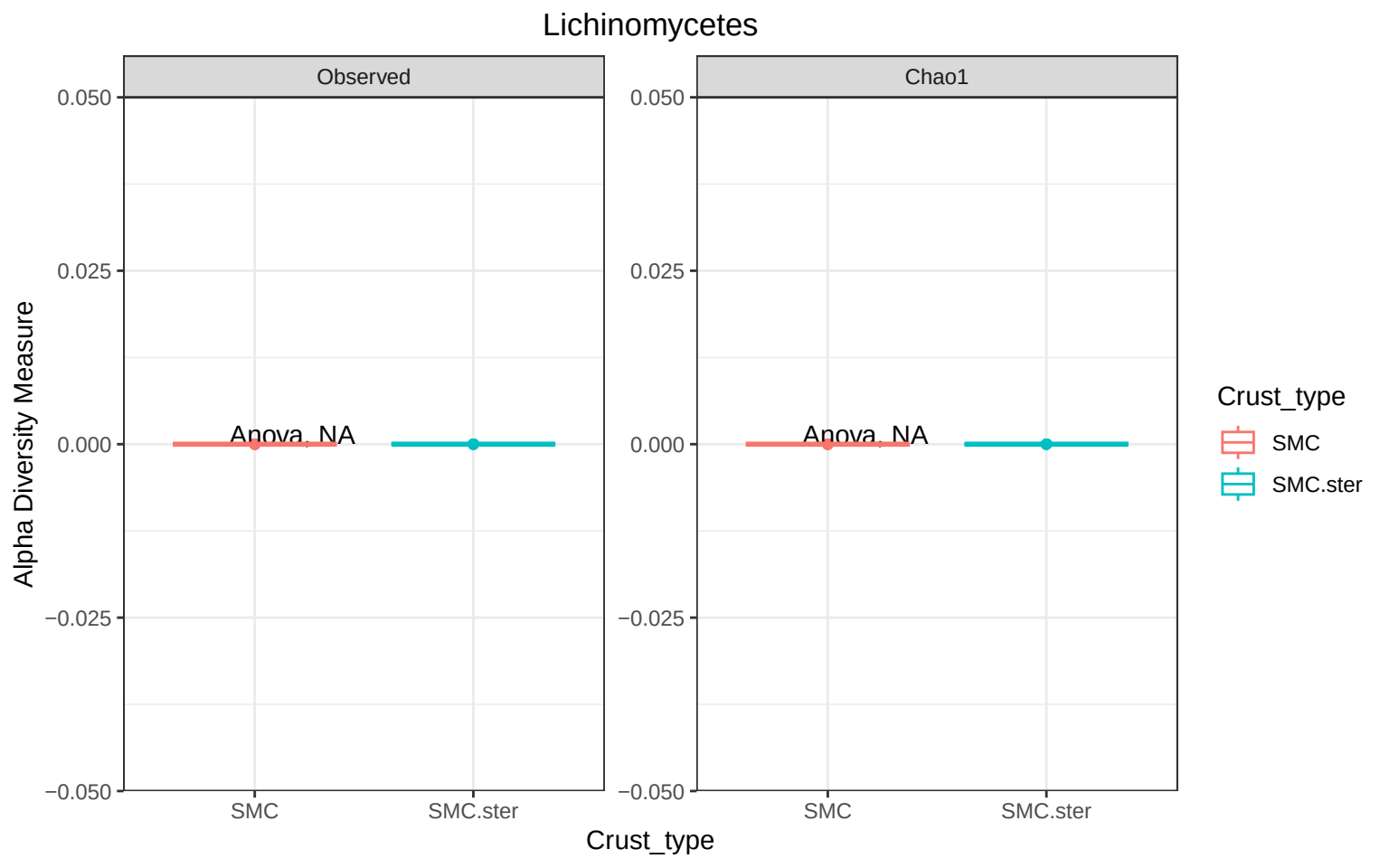

Actinopterygii
Observed
Chao1
Anova, p = 0.053
Anova, p = 0.053
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster


Malasseziomycetes
Observed
Chao1
Anova, p = 0.29
Anova, p = 0.29
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster


Orbiliomycetes
Observed
Chao1
Anova, p = 0.29
Anova, p = 0.29
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster


Monocotyledonae
Observed
Chao1
Alpha Diversity Measure
0.050
0.025
0.000
−0.025
−0.050
Anova, NA
Anova, NA
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster


Lobulomycetes
Observed
Chao1
Alpha Diversity Measure
0.050
0.025
0.000
−0.025
−0.050
Anova, NA
Anova, NA
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster


Lichinomycetes
Observed
Chao1
Alpha Diversity Measure
0.050
0.025
0.000
−0.025
−0.050
Anova, NA
Anova, NA
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster