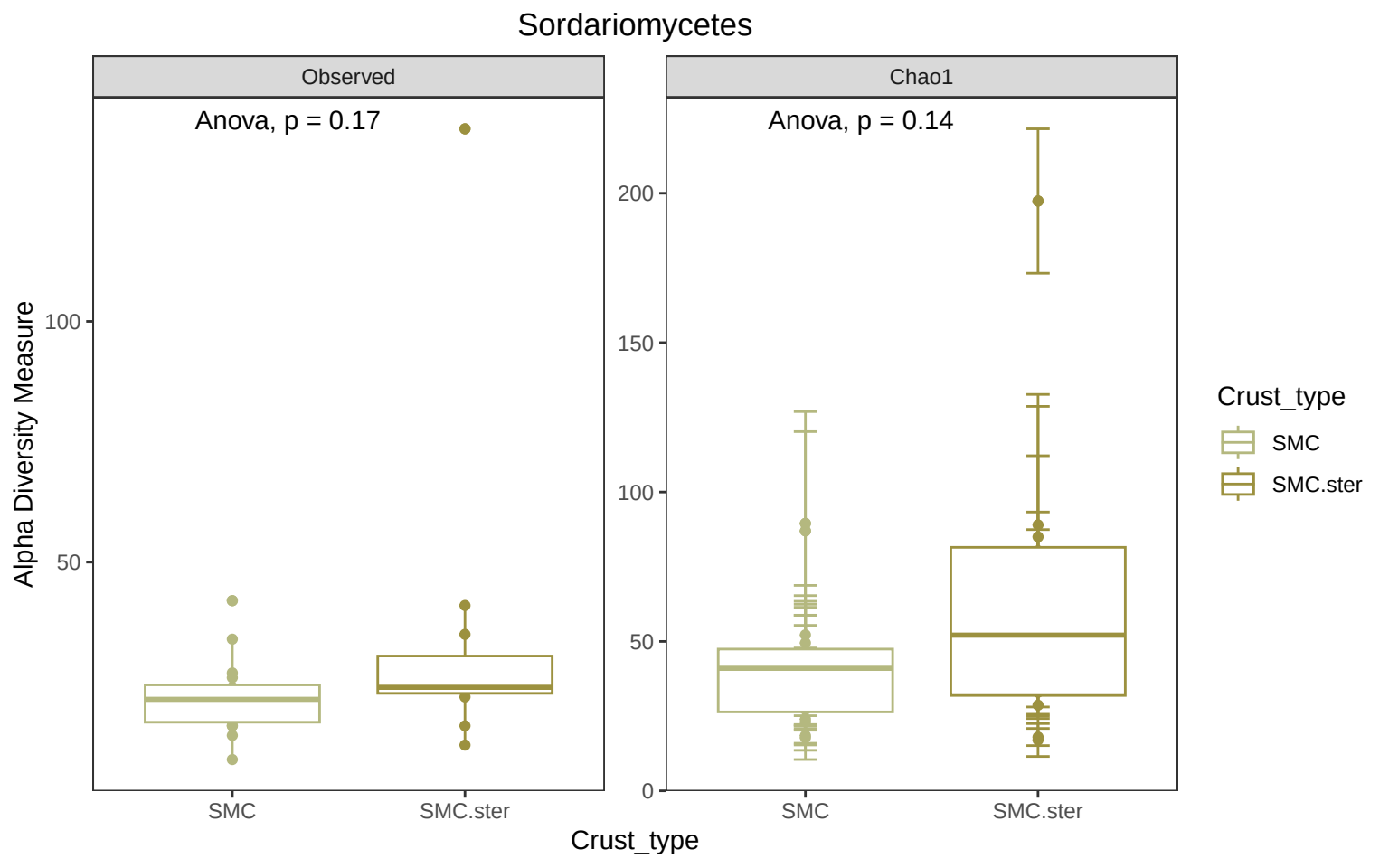
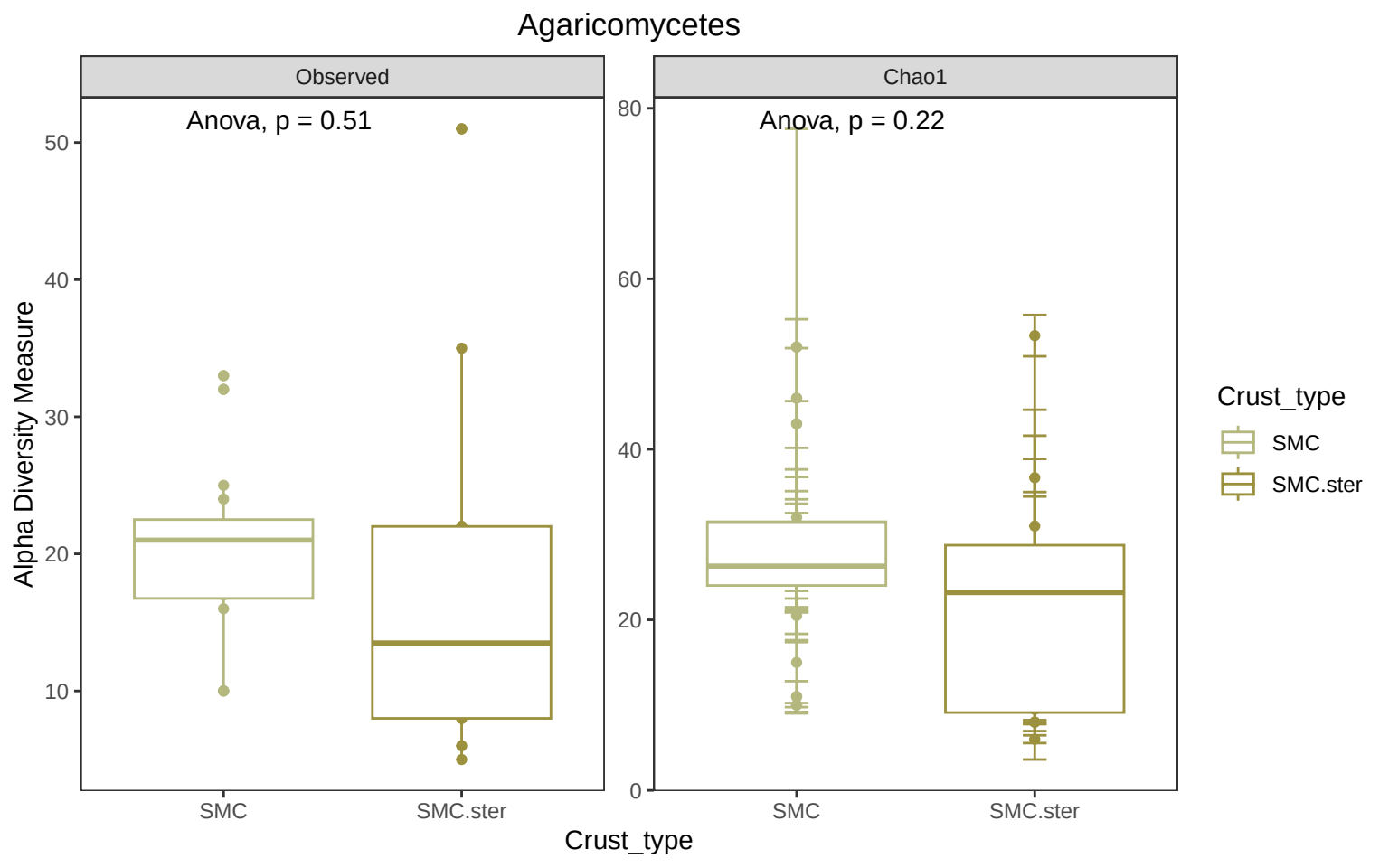
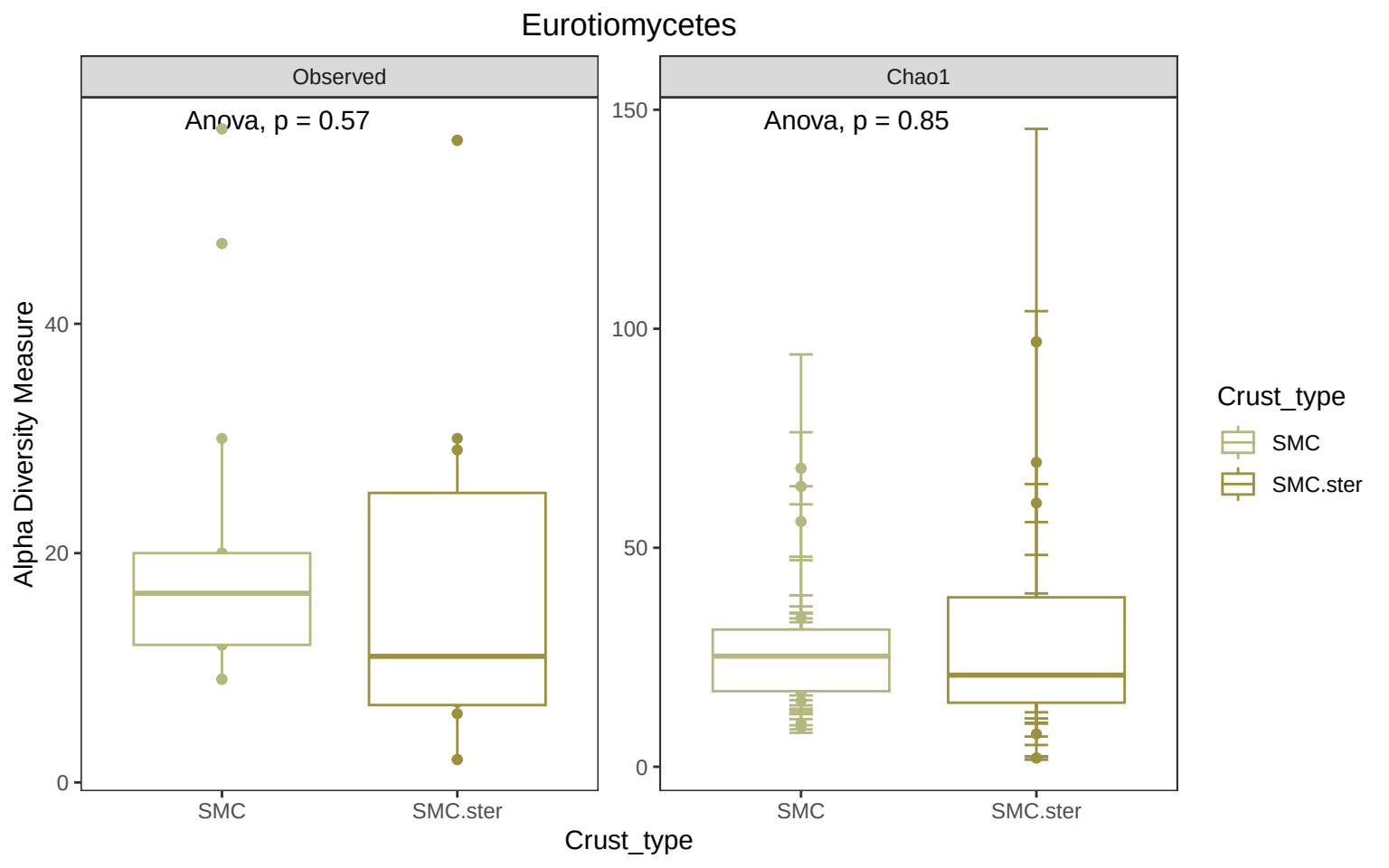
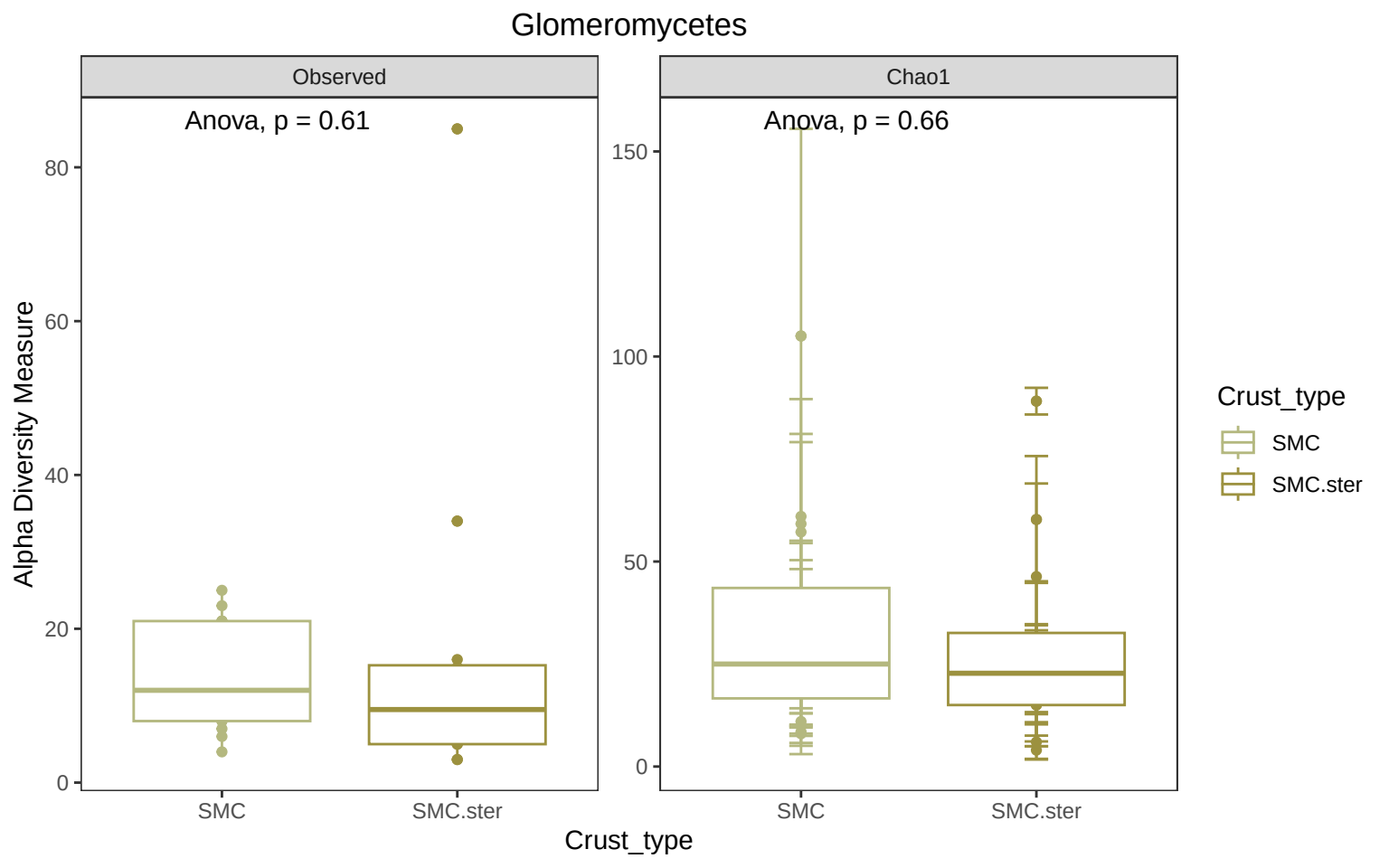
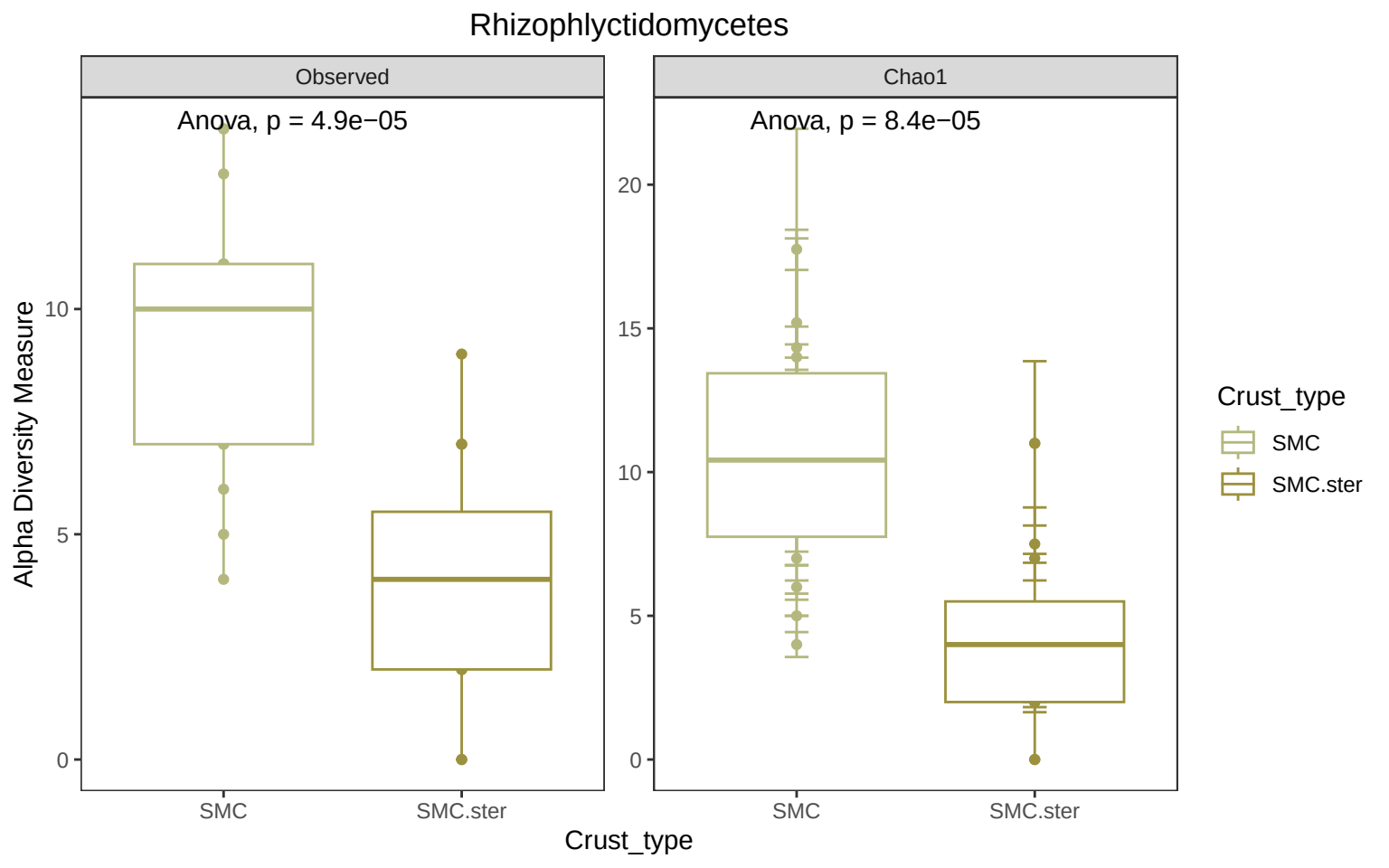
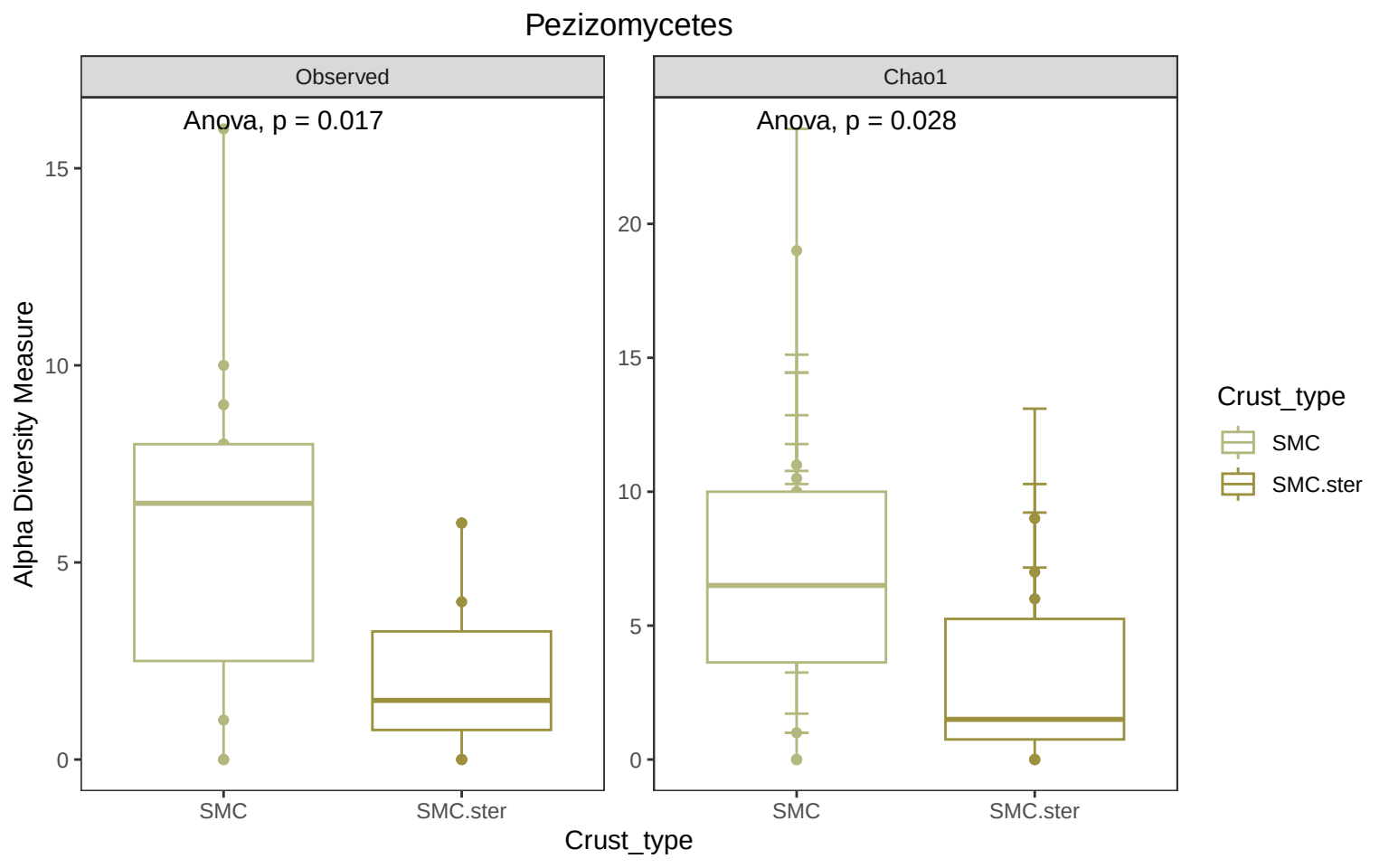

Sordariomycetes
Observed
Chao1
Anova, p = 0.17
Anova, p = 0.14
Alpha Diversity Measure
100
50
200
150
100
50
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

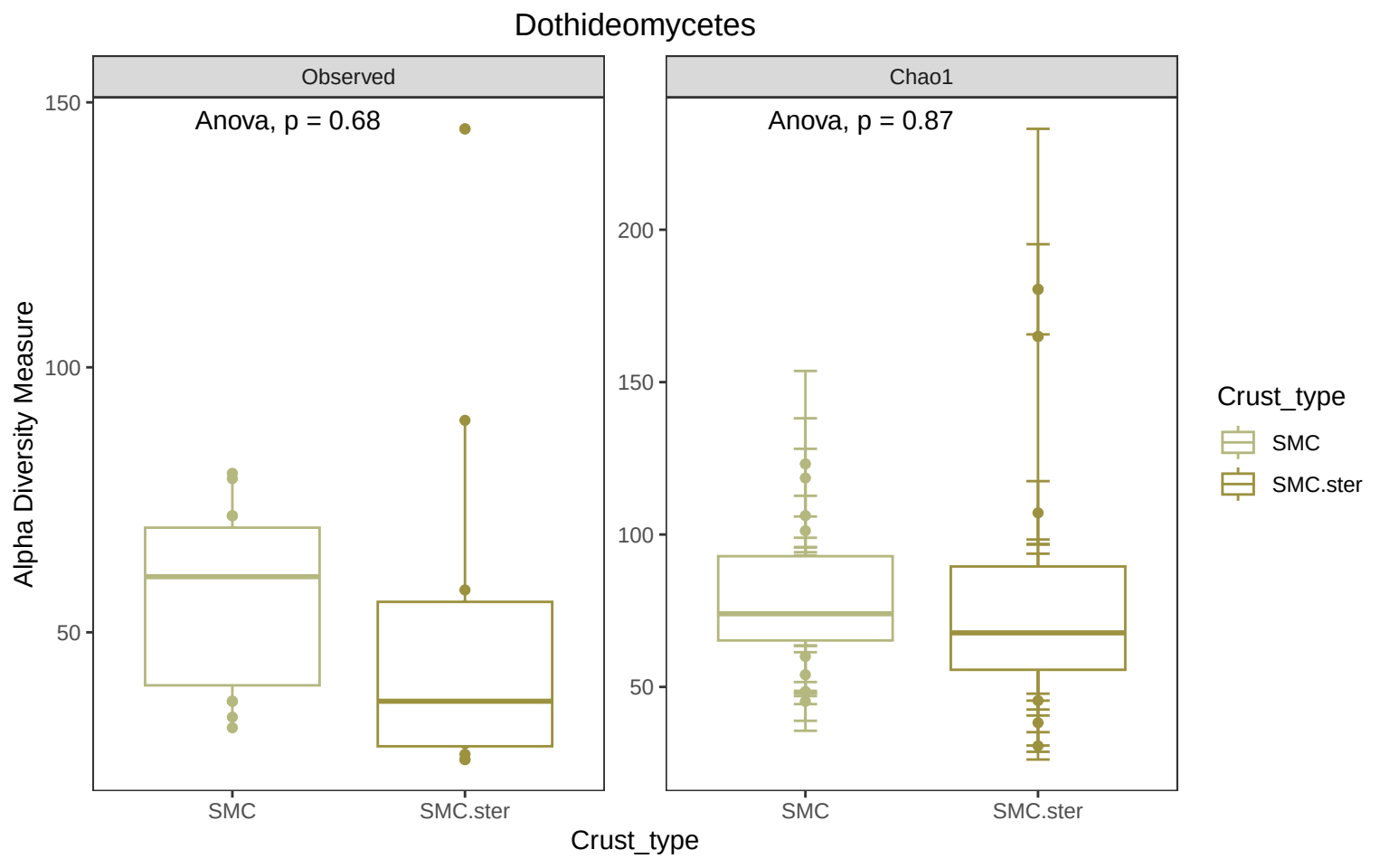

Agaricomycetes
Observed
Chao1
Anova, p = 0.51
Anova, p = 0.22
Alpha Diversity Measure
50
40
30
20
10
80
60
40
20
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

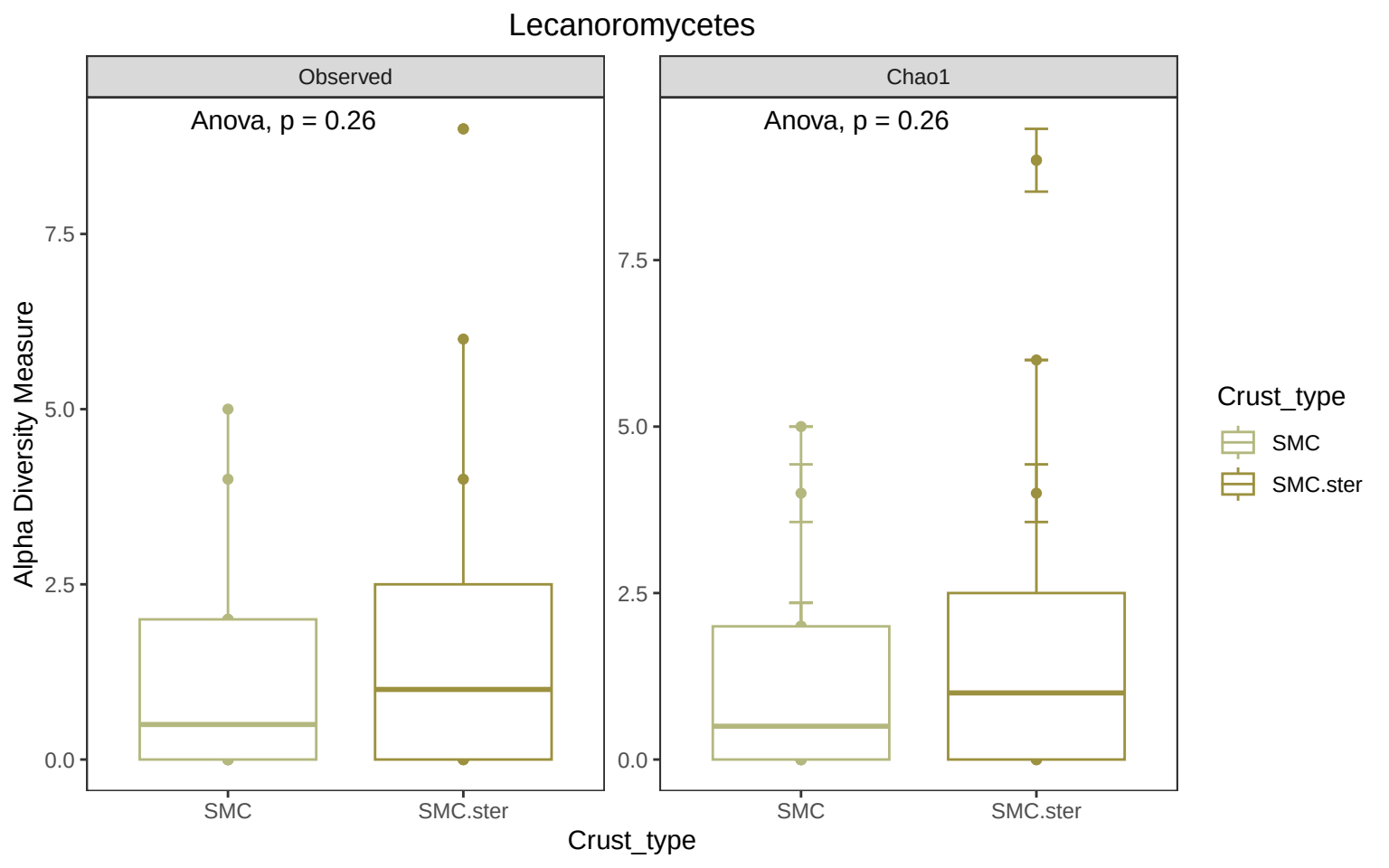

Eurotiomycetes
Observed
Chao1
Anova, p = 0.57
Anova, p = 0.85
Alpha Diversity Measure
0
20
40
50
100
150
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

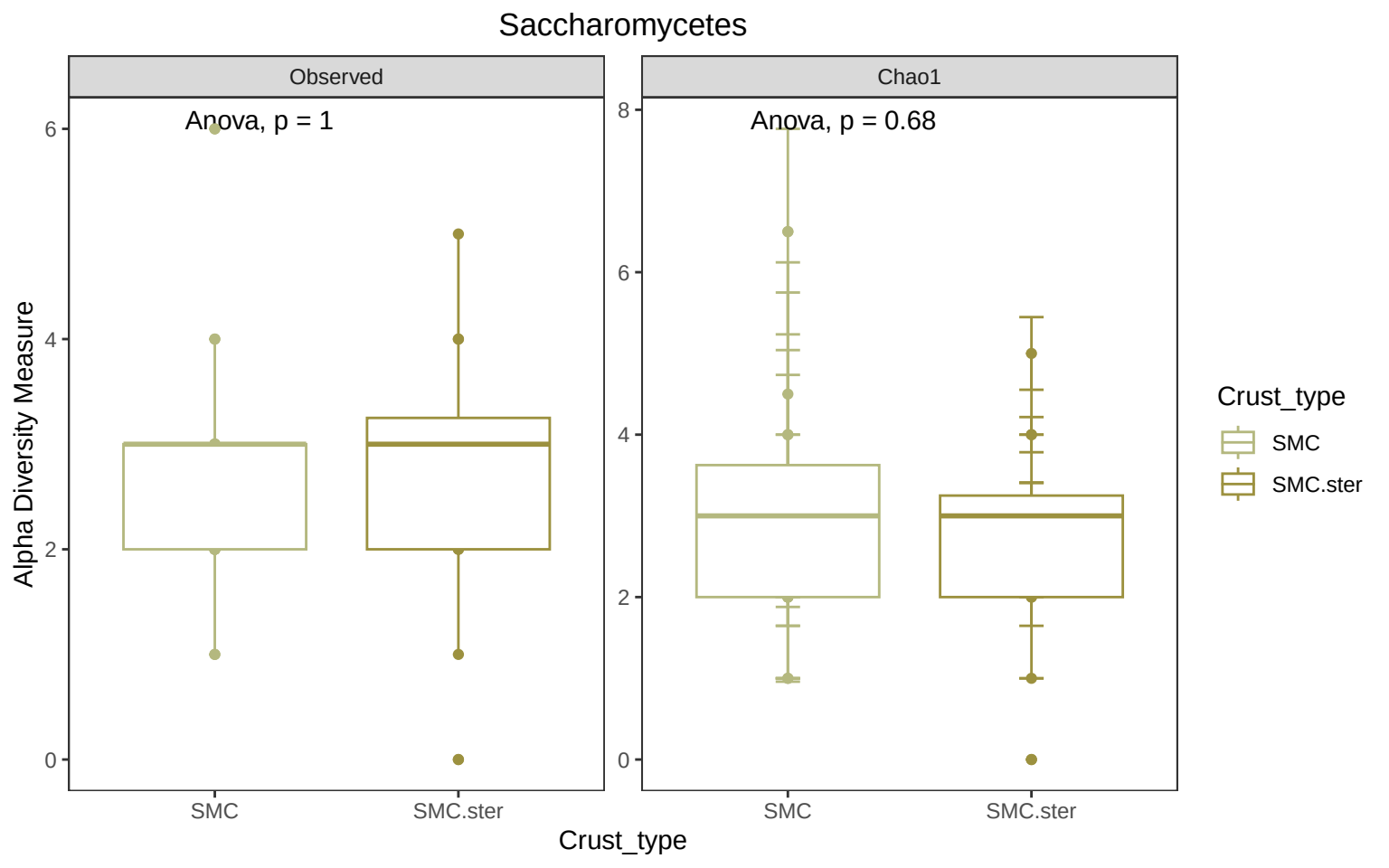

Glomeromycetes
Observed
Chao1
Anova, p = 0.61
Anova, p = 0.66
Alpha Diversity Measure
0
20
40
60
80
0
50
100
150
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

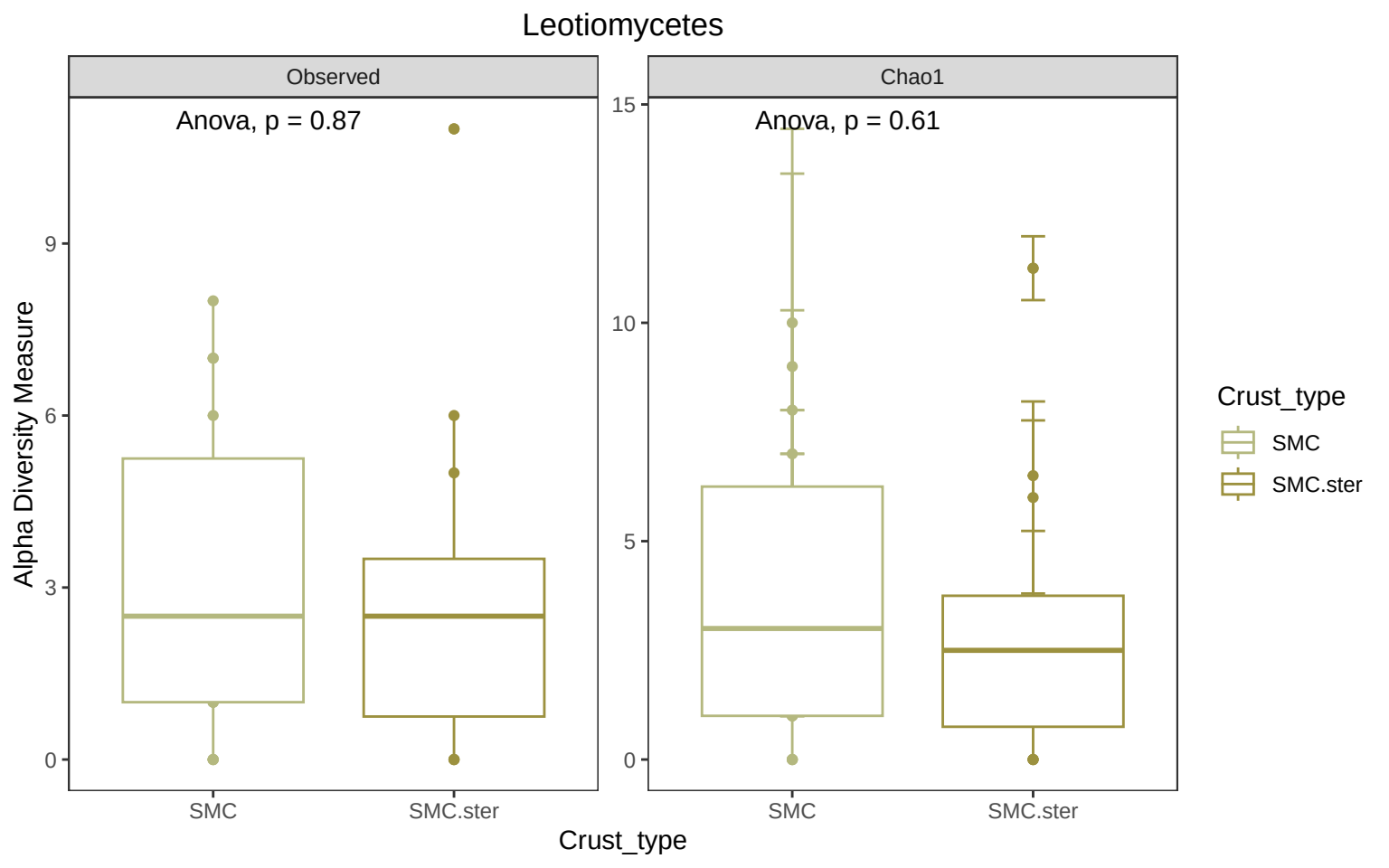

Rhizophlyctidomycetes
Observed
Chao1
Anova, p = 4.9e−05
Anova, p = 8.4e−05
Alpha Diversity Measure
0
5
10
15
20
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

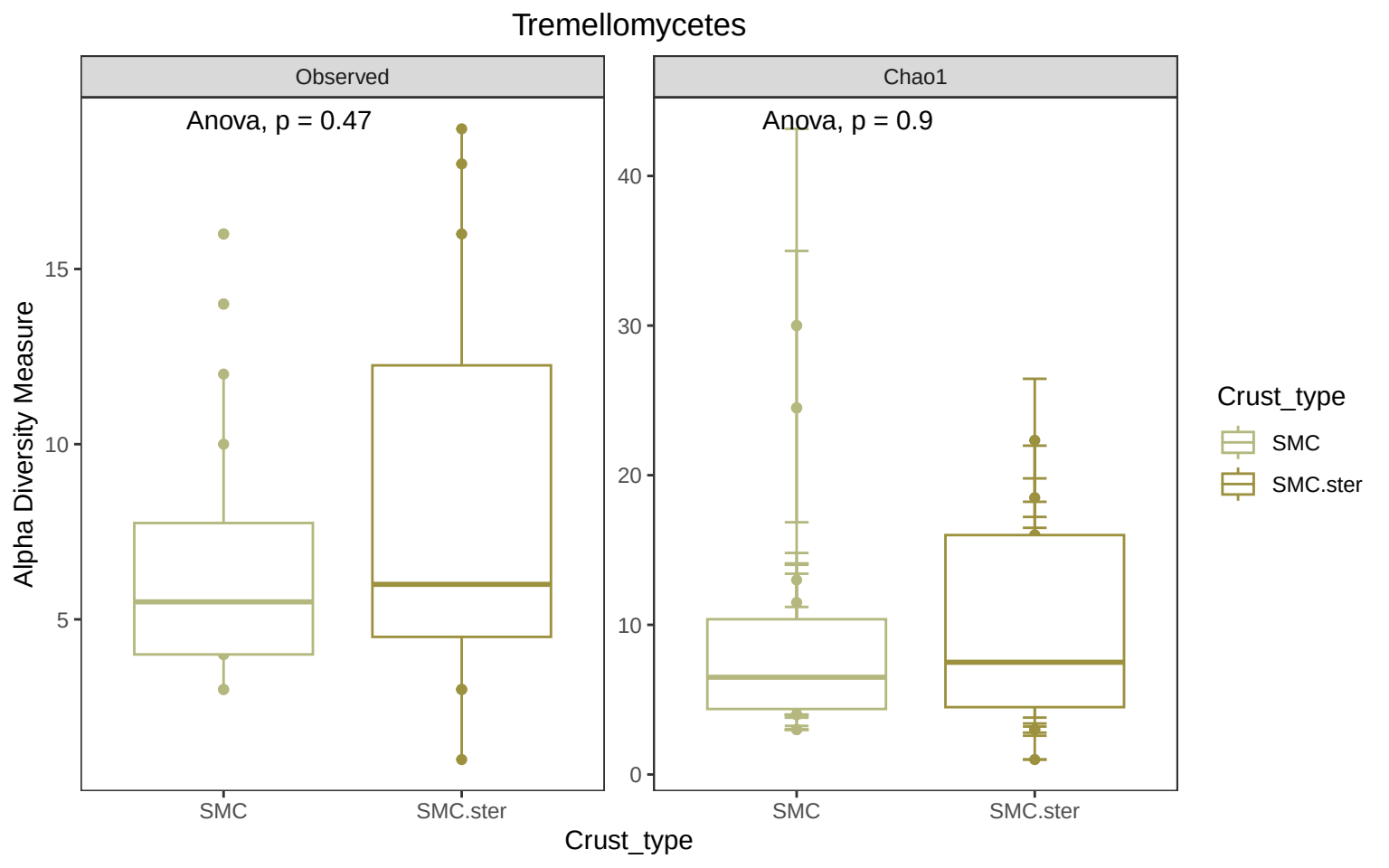

Pezizomycetes
Observed
Chao1
Anova, p = 0.017
Anova, p = 0.028
Alpha Diversity Measure
0
5
10
15
20
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

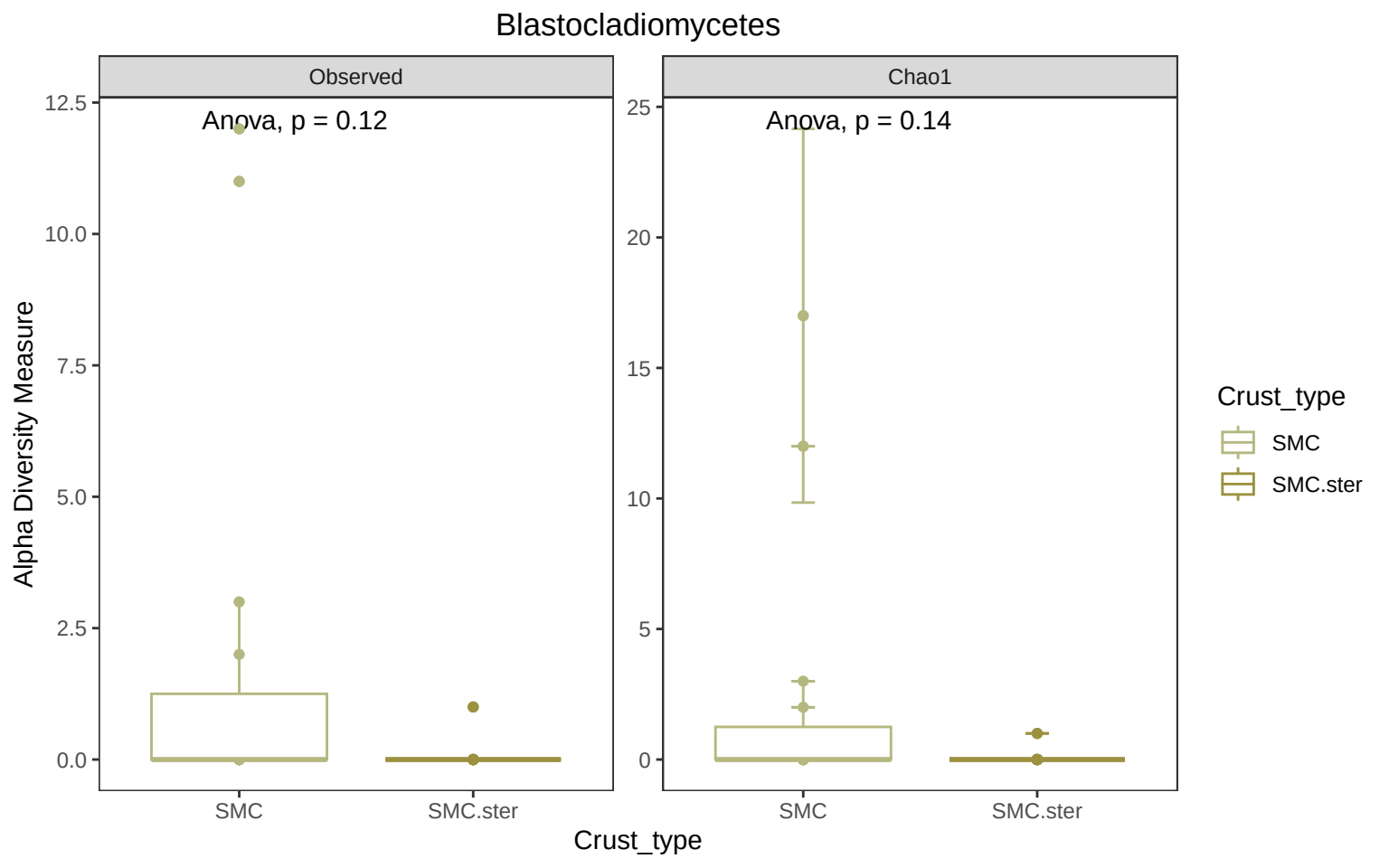

Dothideomycetes
Observed
Chao1
Anova, p = 0.68
Anova, p = 0.87
Alpha Diversity Measure
150
100
50
200
150
100
50
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

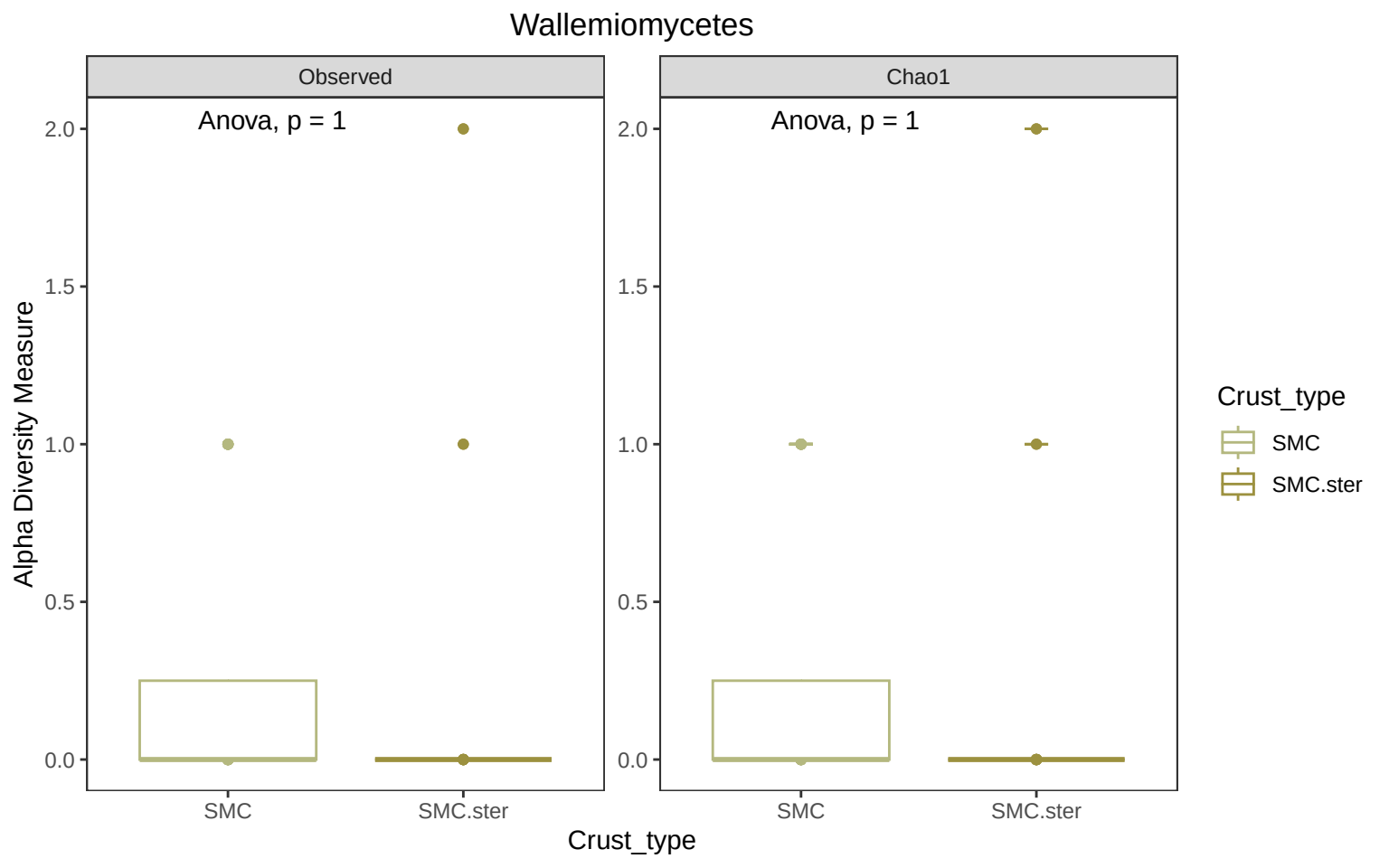

Lecanoromycetes
Observed
Chao1
Anova, p = 0.26
Anova, p = 0.26
Alpha Diversity Measure
7.5
5.0
2.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

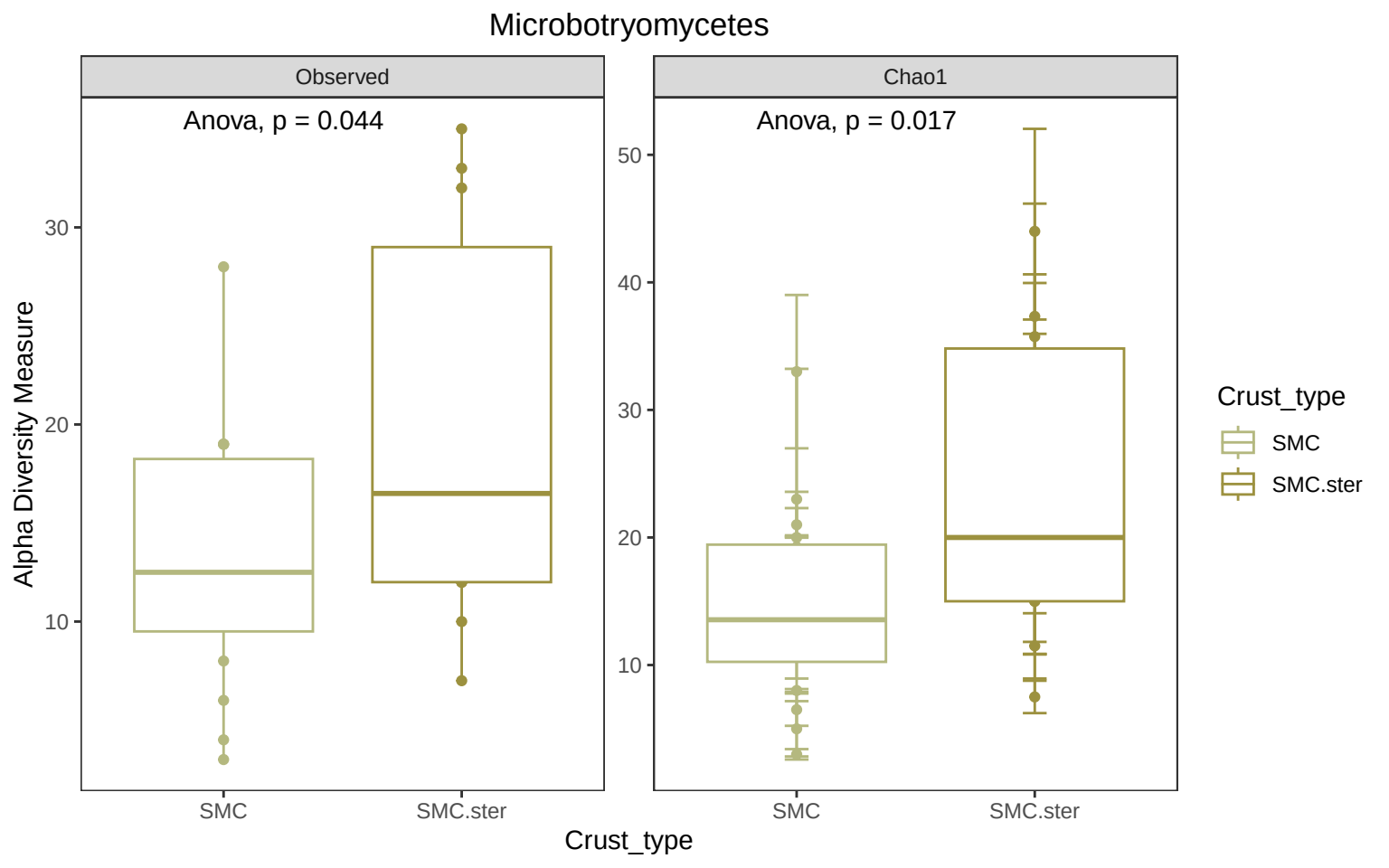

Saccharomycetes
Observed
Chao1
Anova, p = 1
Anova, p = 0.68
Alpha Diversity Measure
0
2
4
6
8
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

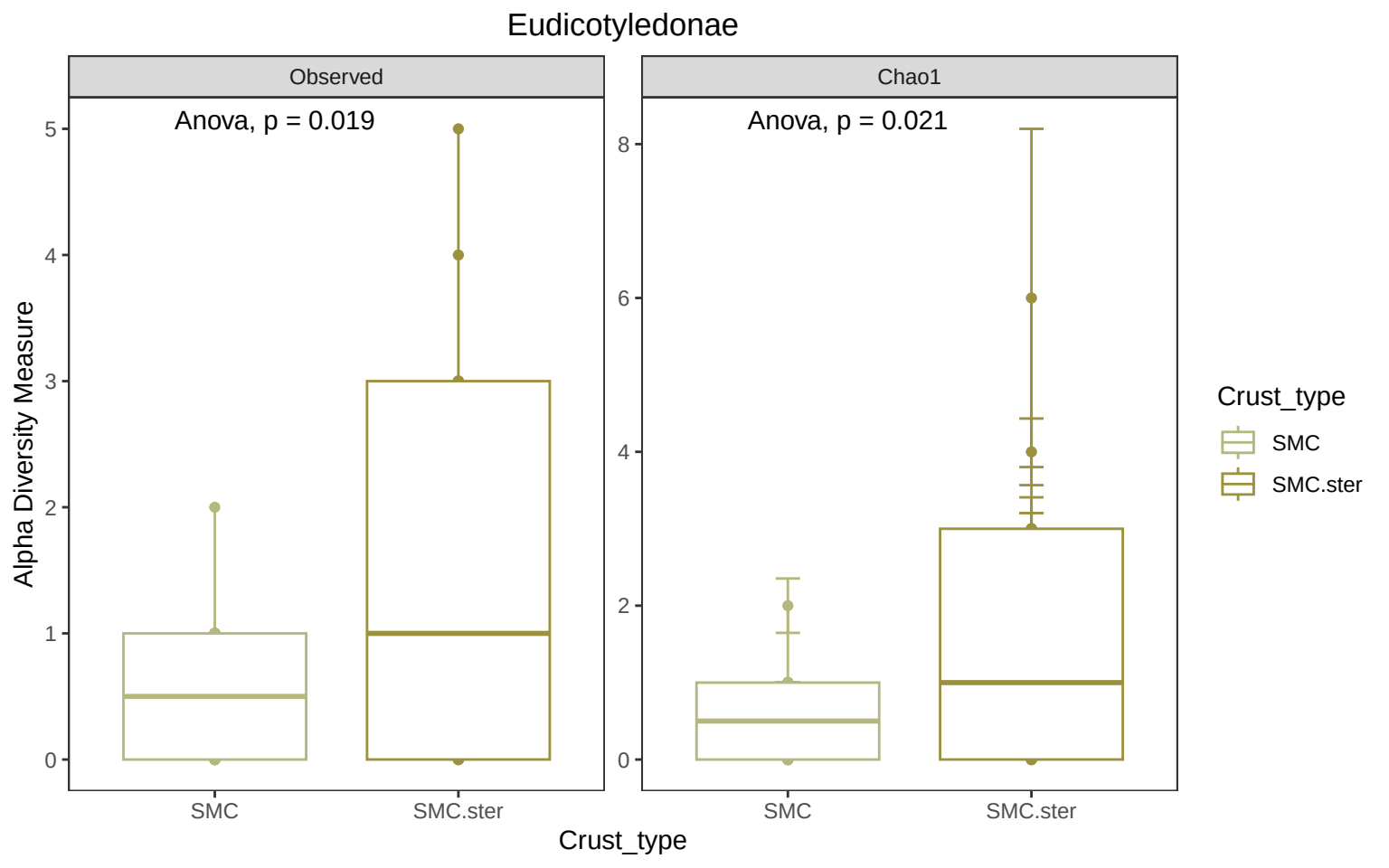

Leotiomycetes
Observed
Chao1
Anova, p = 0.87
Anova, p = 0.61
Alpha Diversity Measure
0
3
6
9
0
5
10
15
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

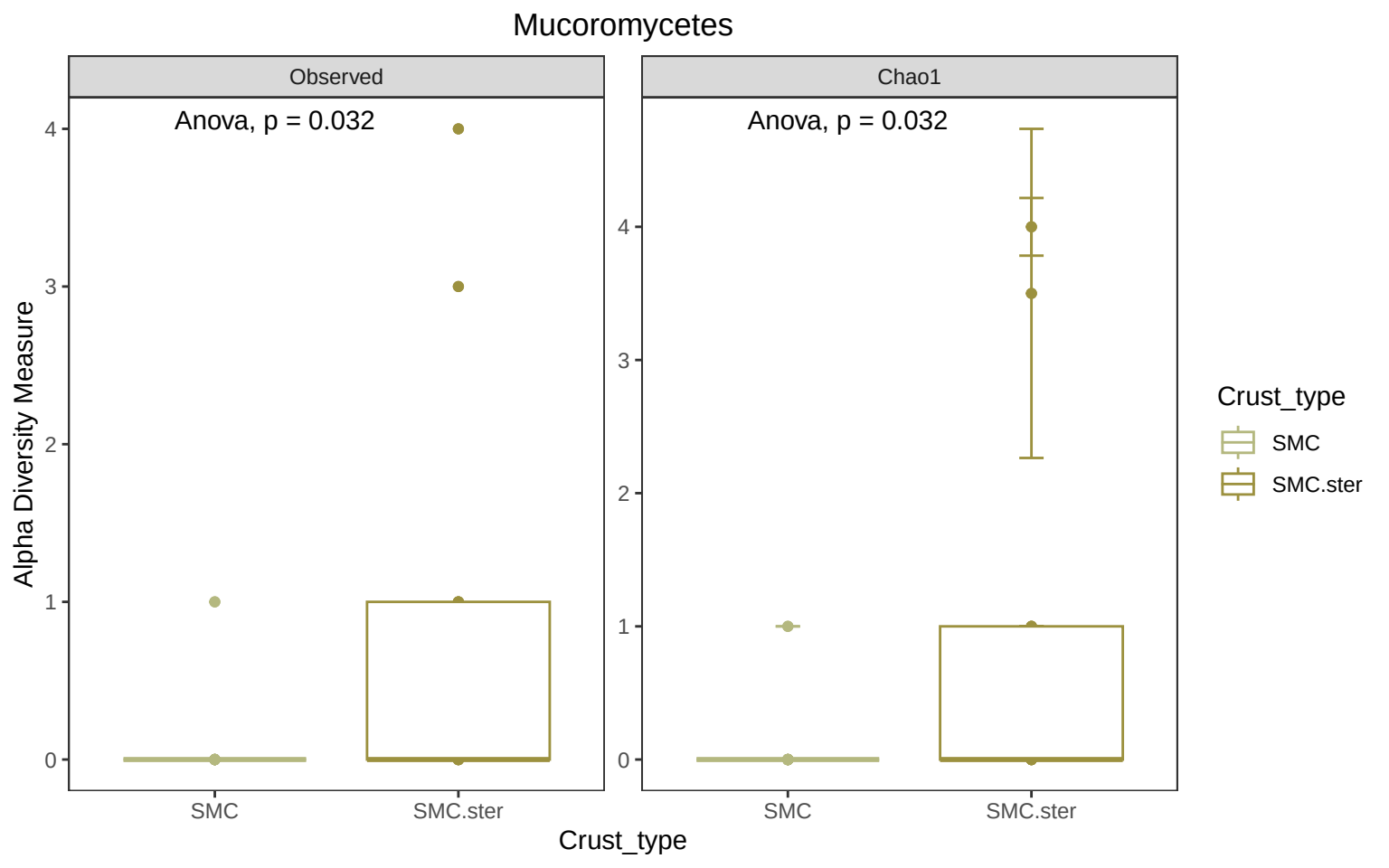

Tremellomycetes
Observed
Chao1
Anova, p = 0.47
Anova, p = 0.9
Alpha Diversity Measure
15
10
5
40
30
20
10
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

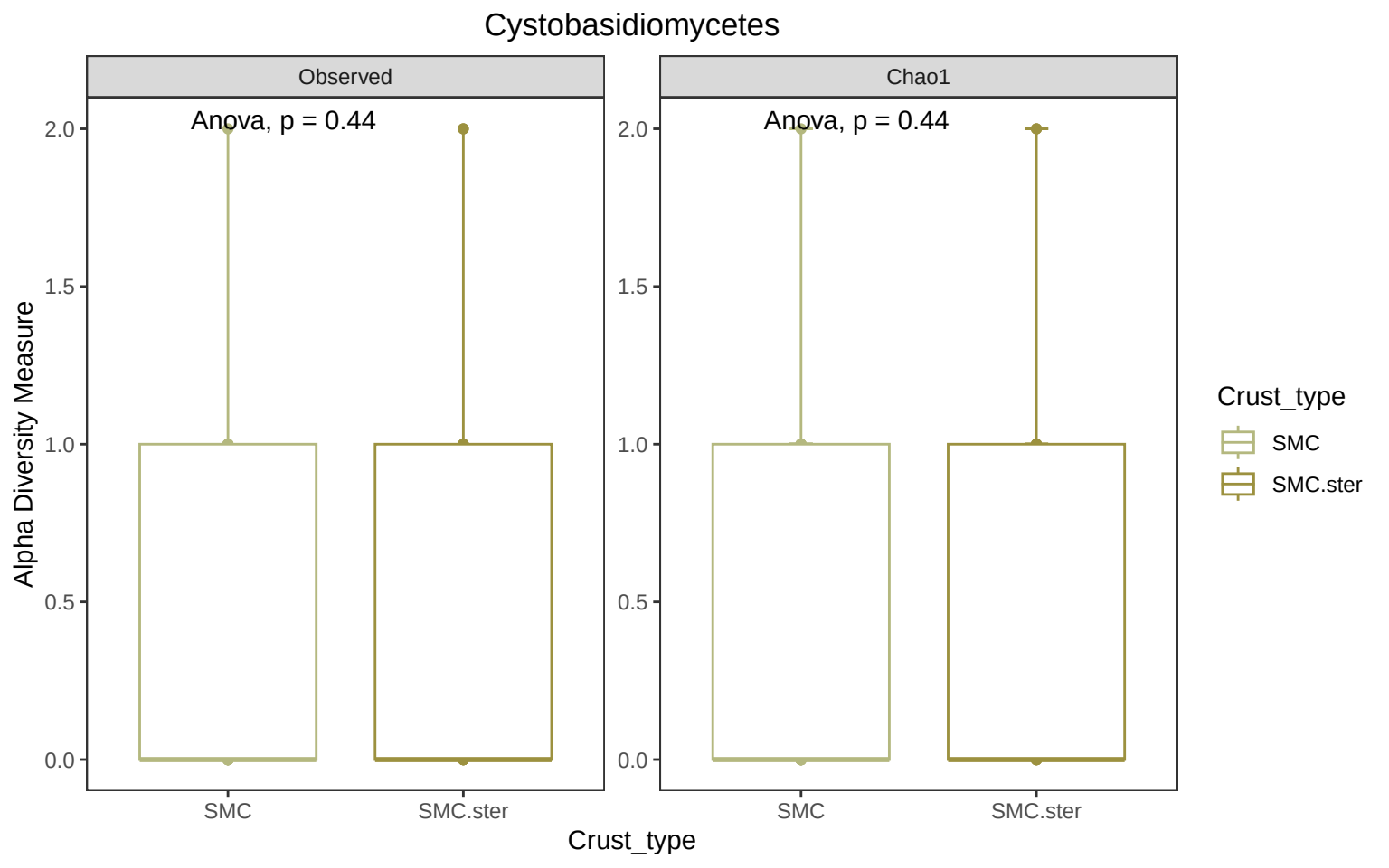

Blastocladiomycetes
Observed
Chao1
Anova, p = 0.12
Anova, p = 0.14
Alpha Diversity Measure
12.5
10.0
7.5
5.0
2.5
0.0
25
20
15
10
5
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

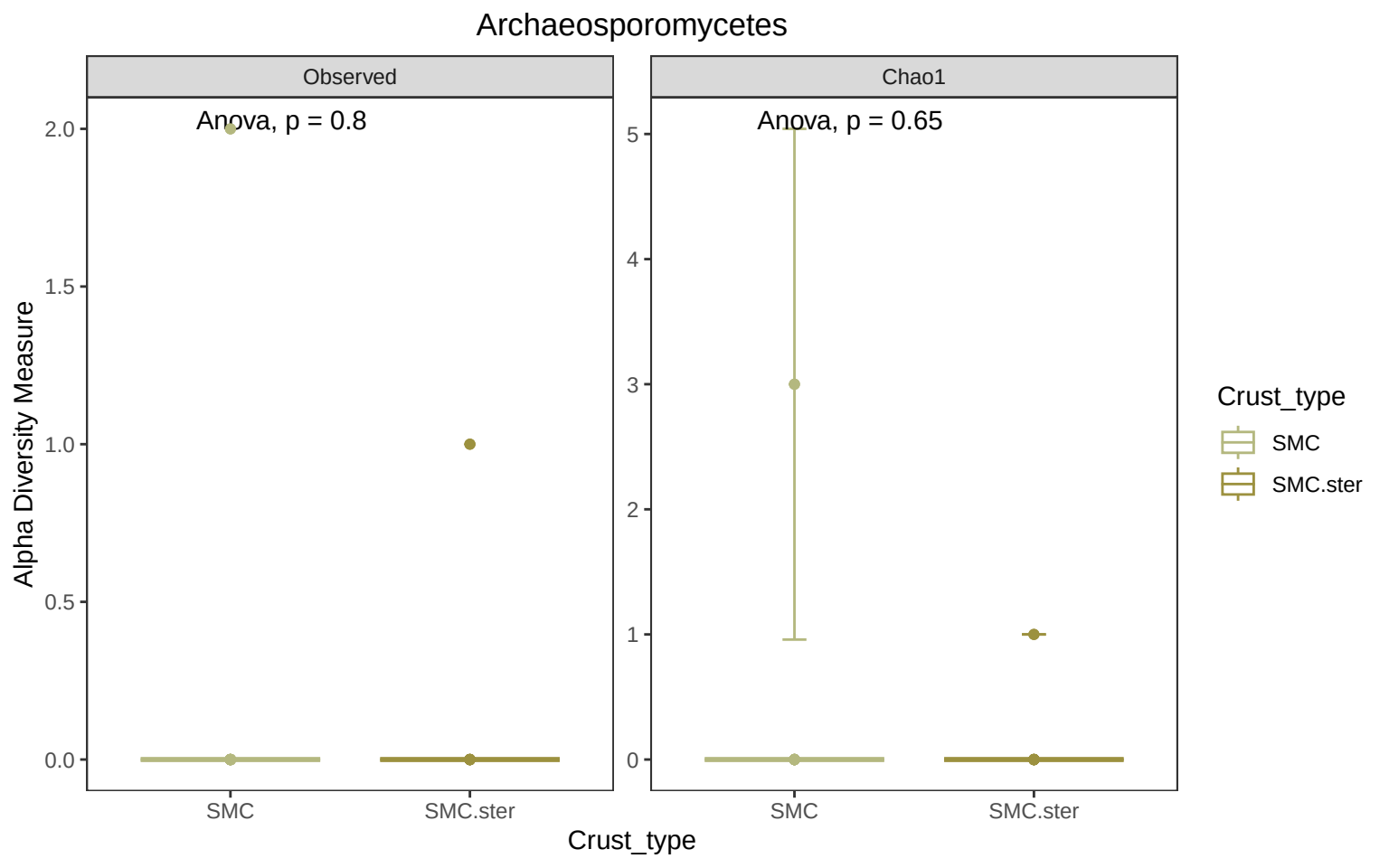

Wallemiomycetes
Observed
Chao1
Anova, p = 1
Anova, p = 1
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

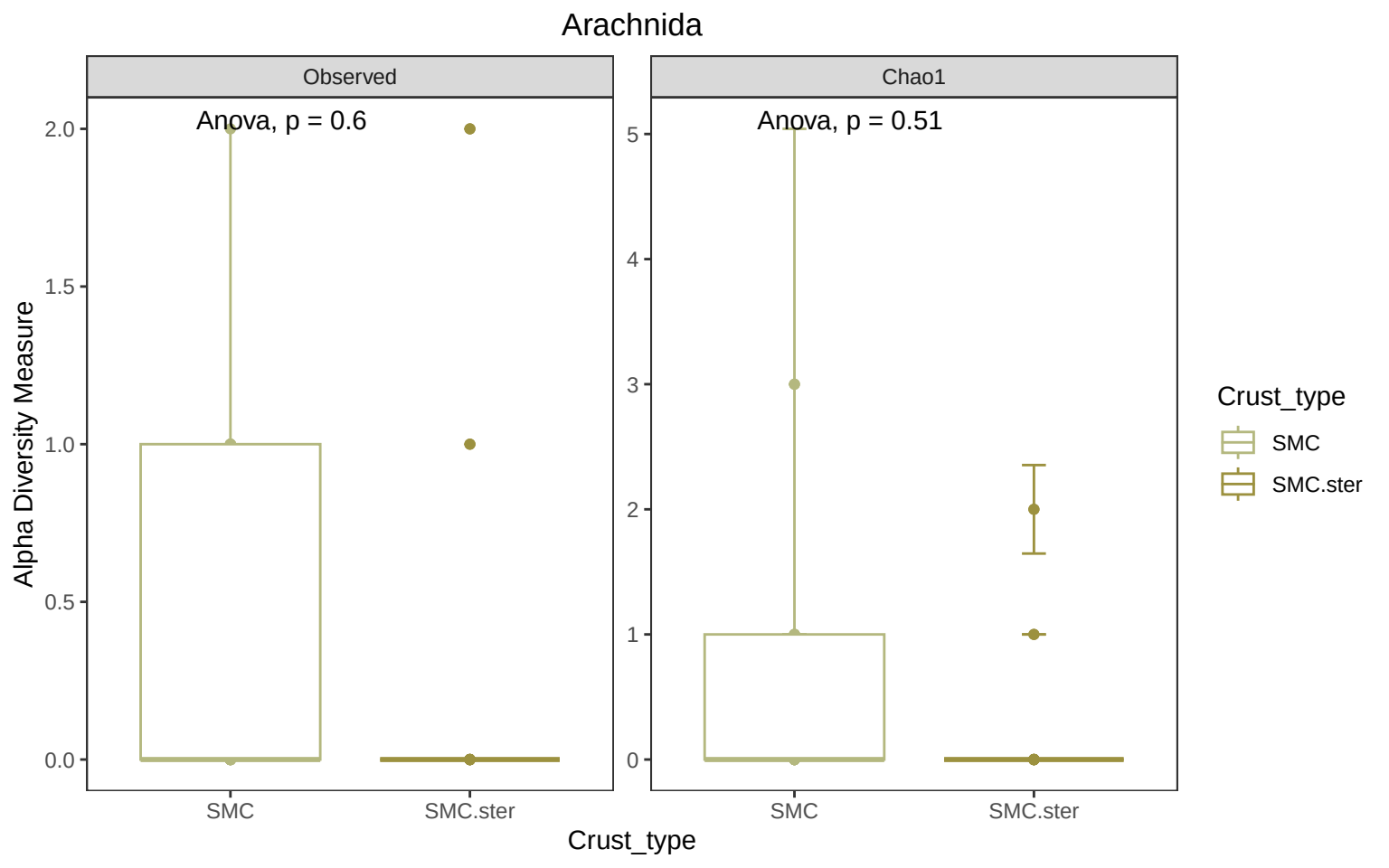

Microbotryomycetes
Observed
Chao1
Anova, p = 0.044
Anova, p = 0.017
Alpha Diversity Measure
10
20
30
10
20
30
40
50
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

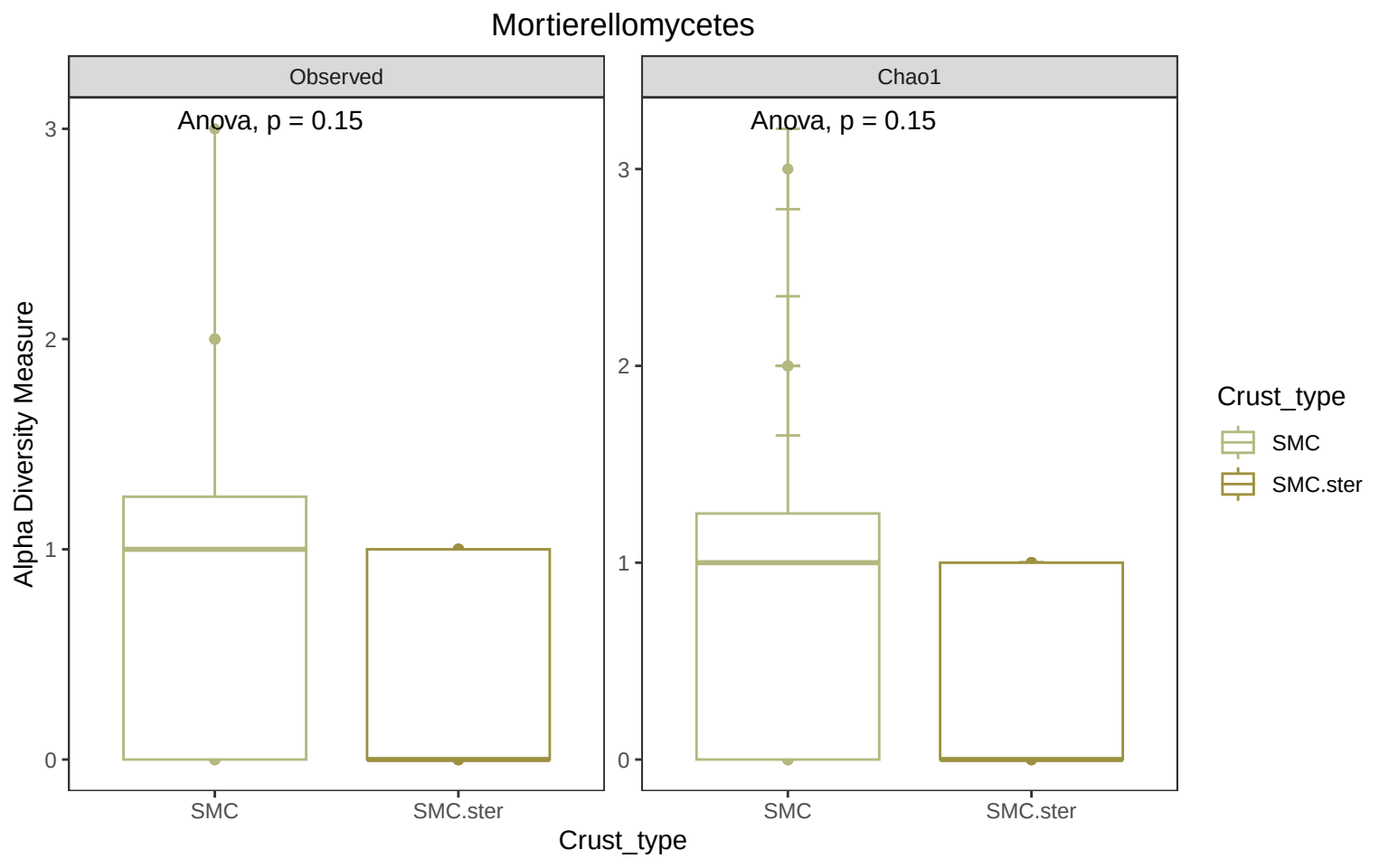

Eudicotyledonae
Observed
Chao1
Anova, p = 0.019
Anova, p = 0.021
Alpha Diversity Measure
0
1
2
3
4
5
6
8
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

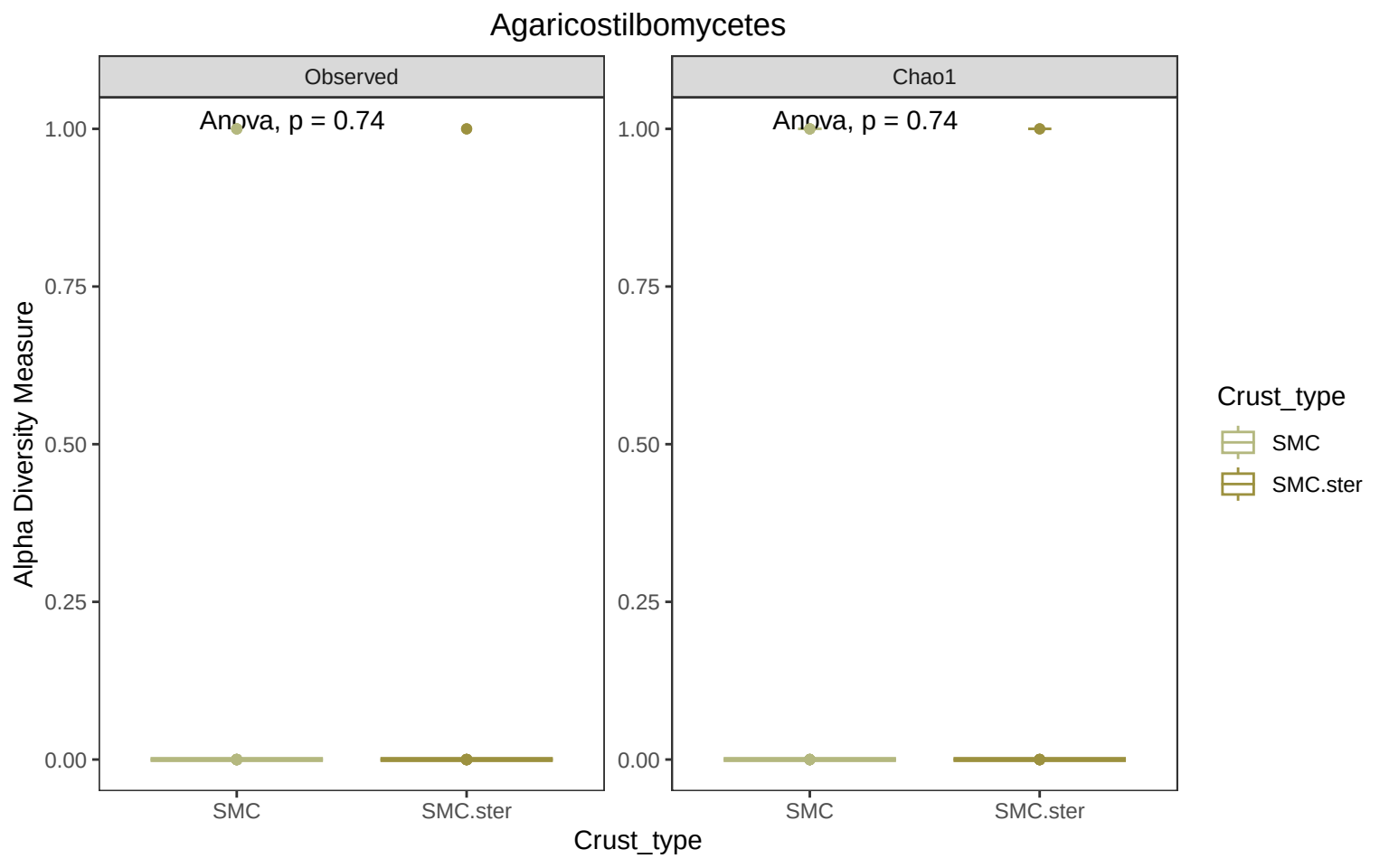

Mucoromycetes
Observed
Chao1
Anova, p = 0.032
Anova, p = 0.032
Alpha Diversity Measure
0
1
2
3
4
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

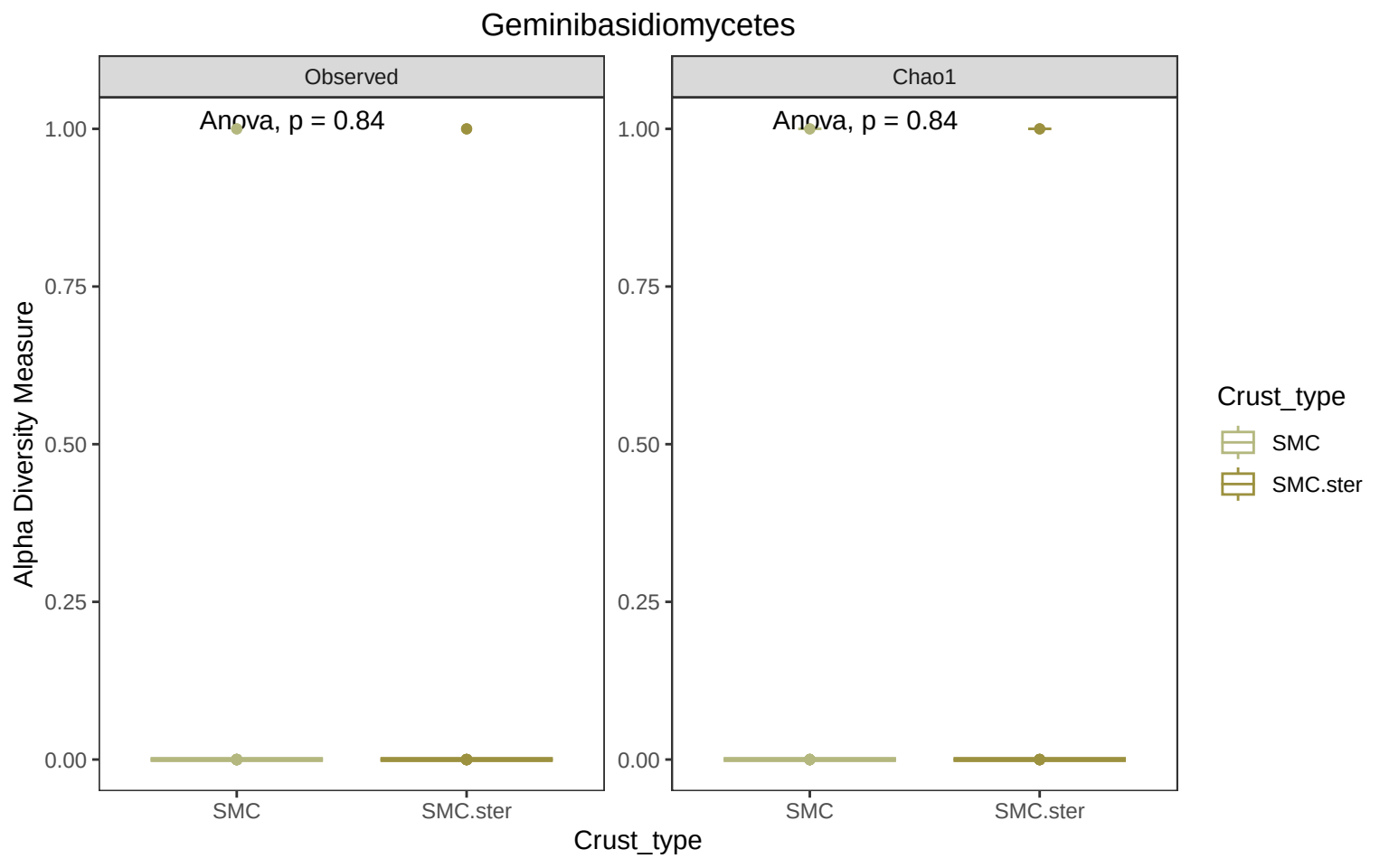

Cystobasidiomycetes
Observed
Chao1
Anova, p = 0.44
Anova, p = 0.44
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

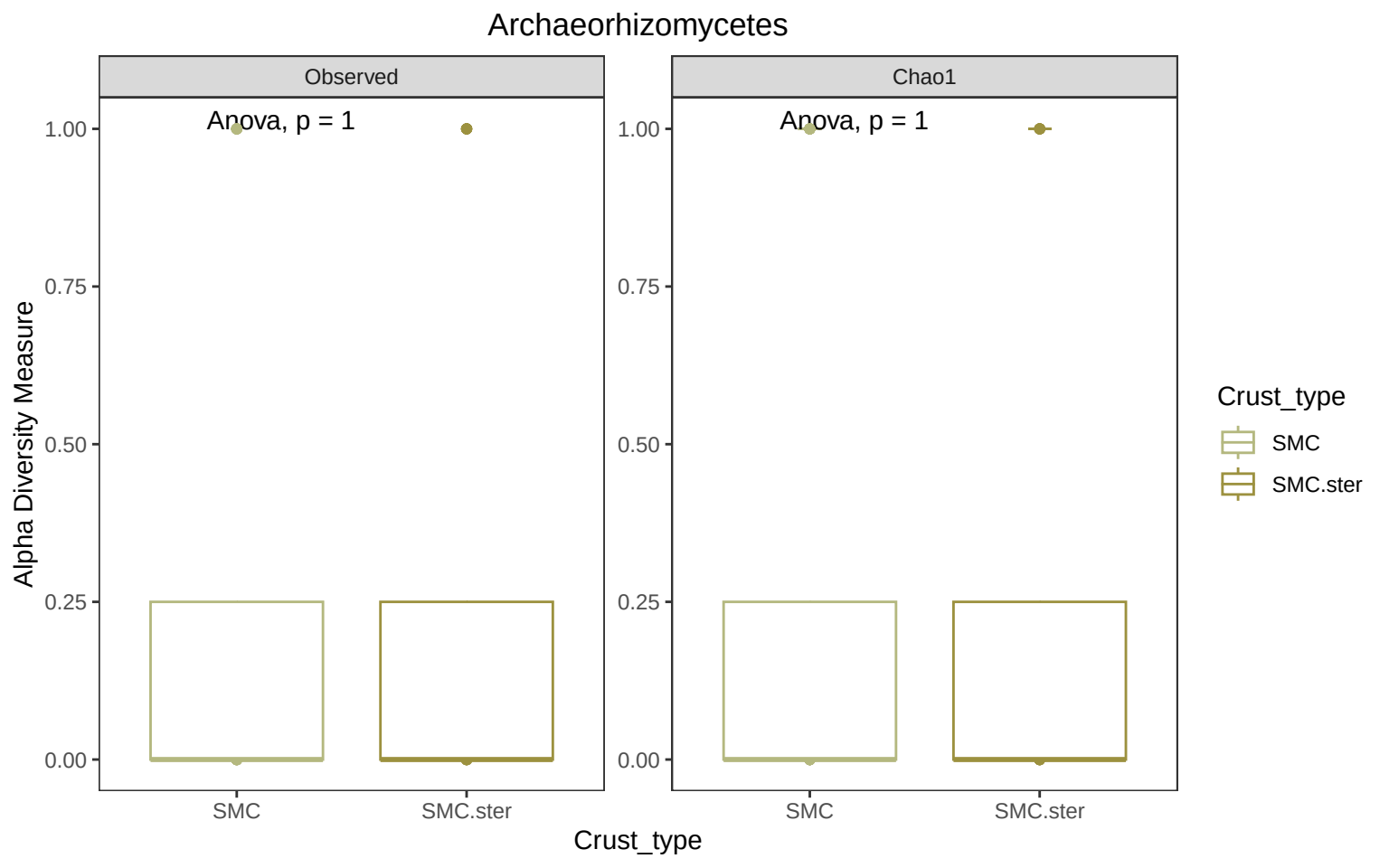

Archaeosporomycetes
Observed
Chao1
Anova, p = 0.8
Anova, p = 0.65
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
5
4
3
2
1
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

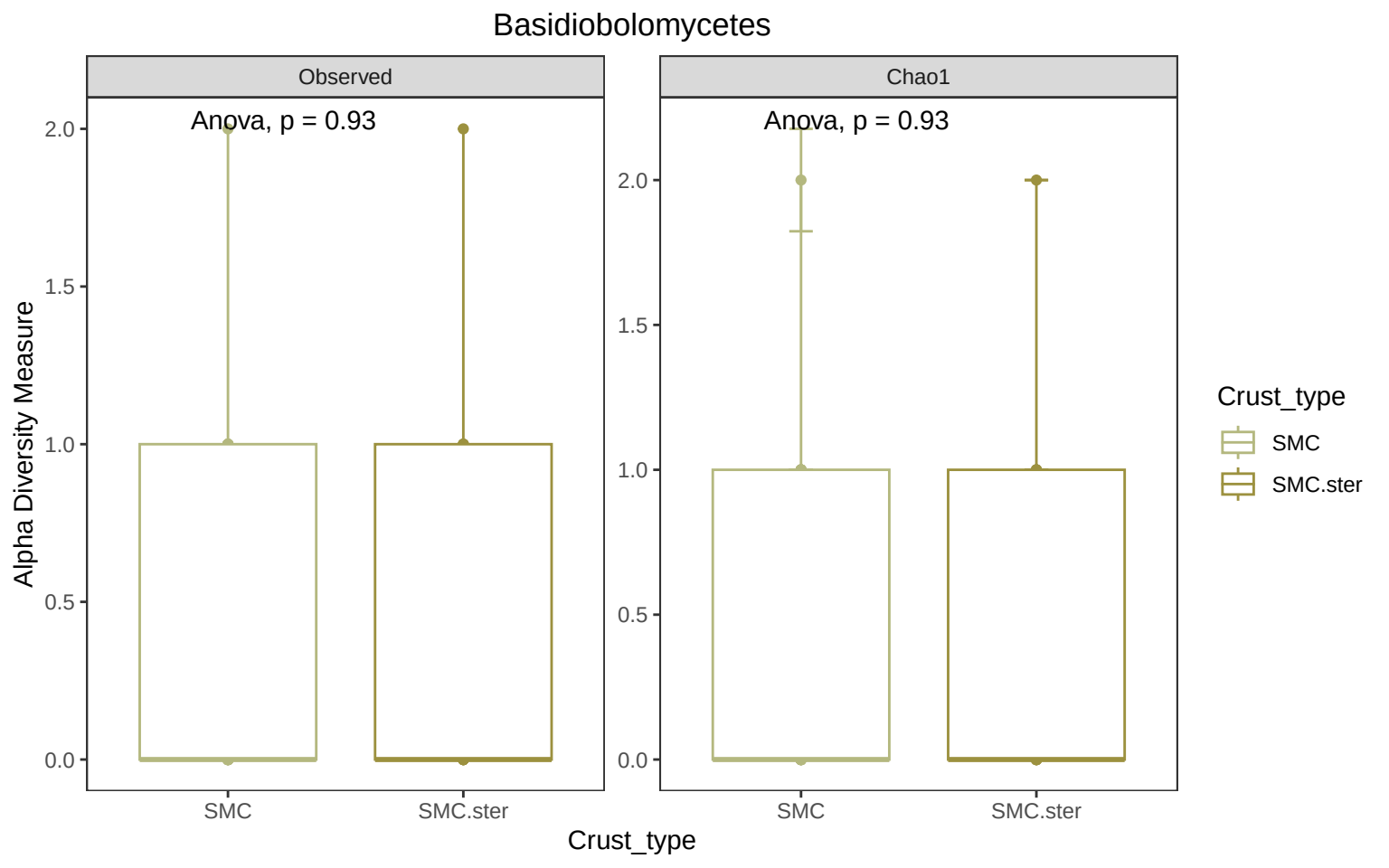

Arachnida
Observed
Chao1
Anova, p = 0.6
Anova, p = 0.51
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
5
4
3
2
1
0
SMC
SMC.ster
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

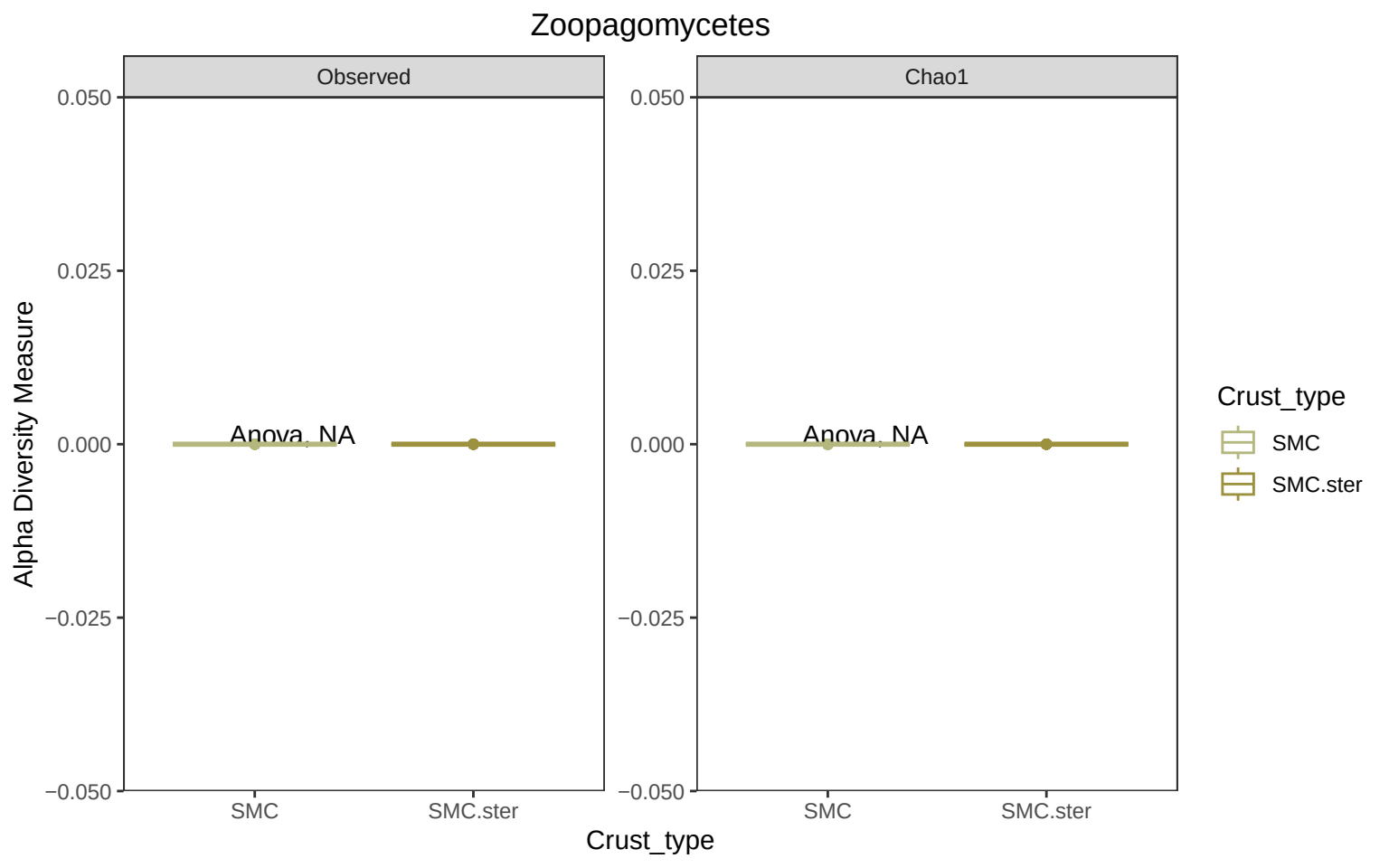

Mortierellomycetes
Observed
Chao1
Anova, p = 0.15
Anova, p = 0.15
Alpha Diversity Measure
0
1
2
3
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

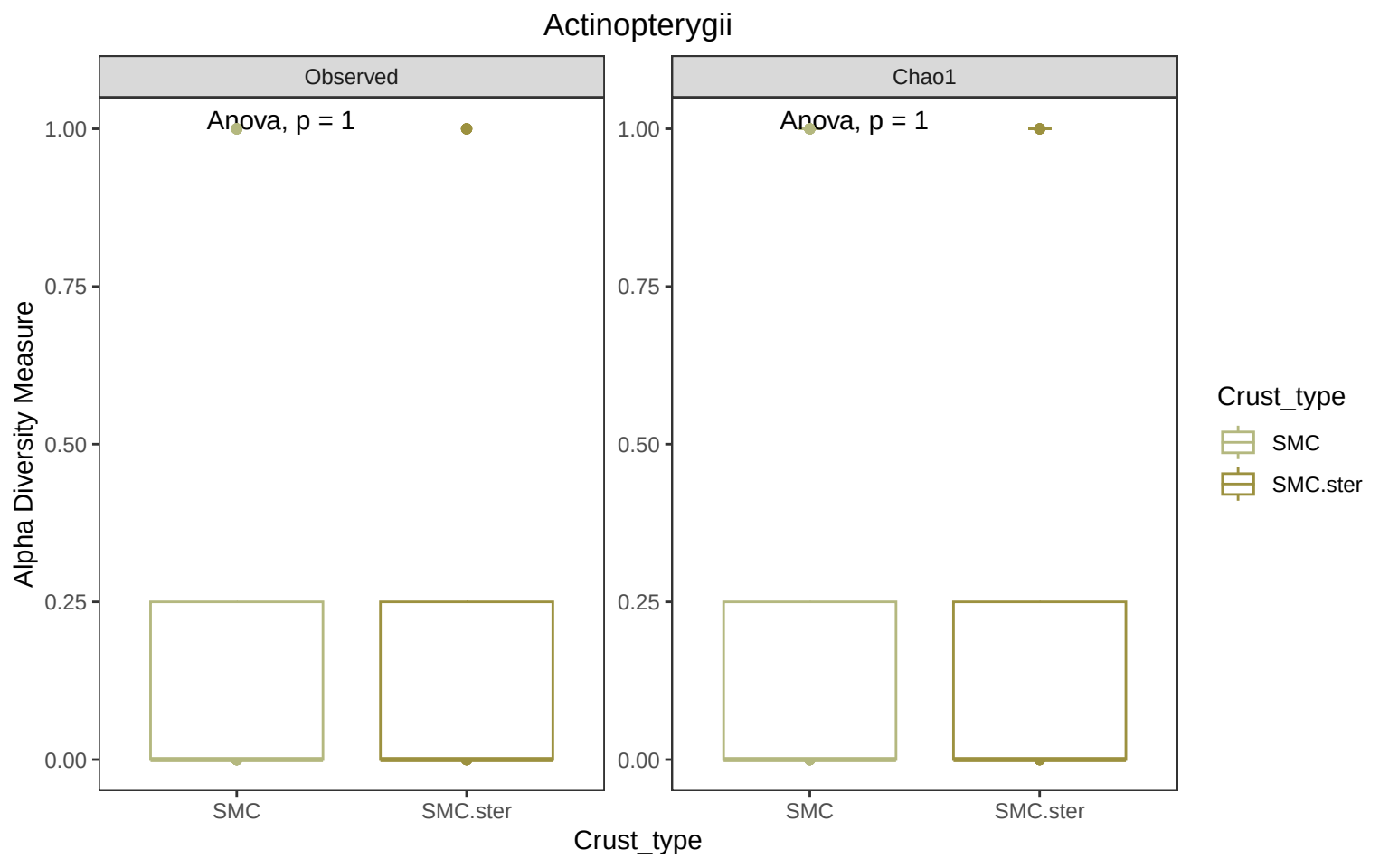

Agaricostilbomycetes
Observed
Chao1
Anova, p = 0.74
Anova, p = 0.74
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

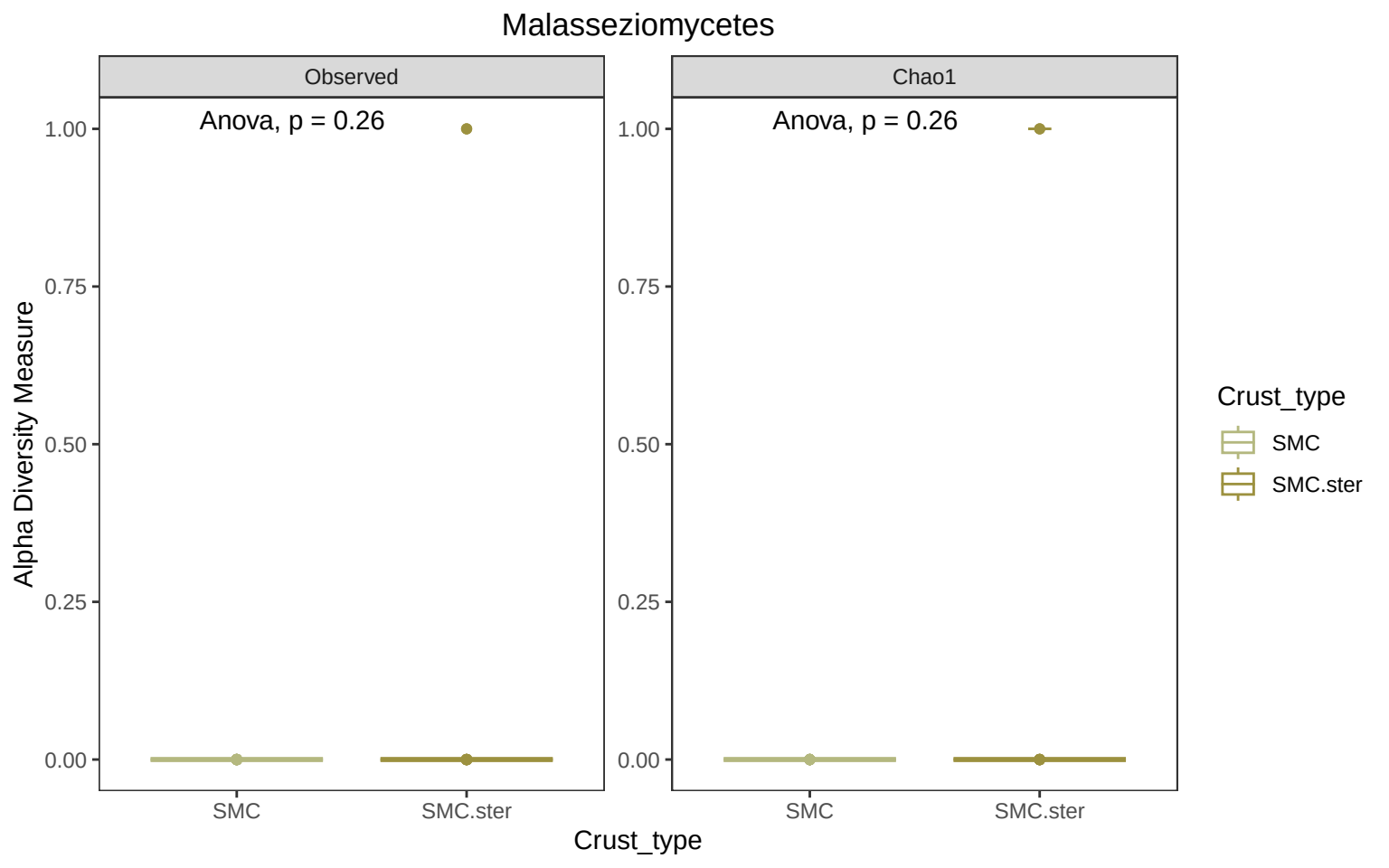

Geminibasidiomycetes
Observed
Chao1
Anova, p = 0.84
Anova, p = 0.84
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

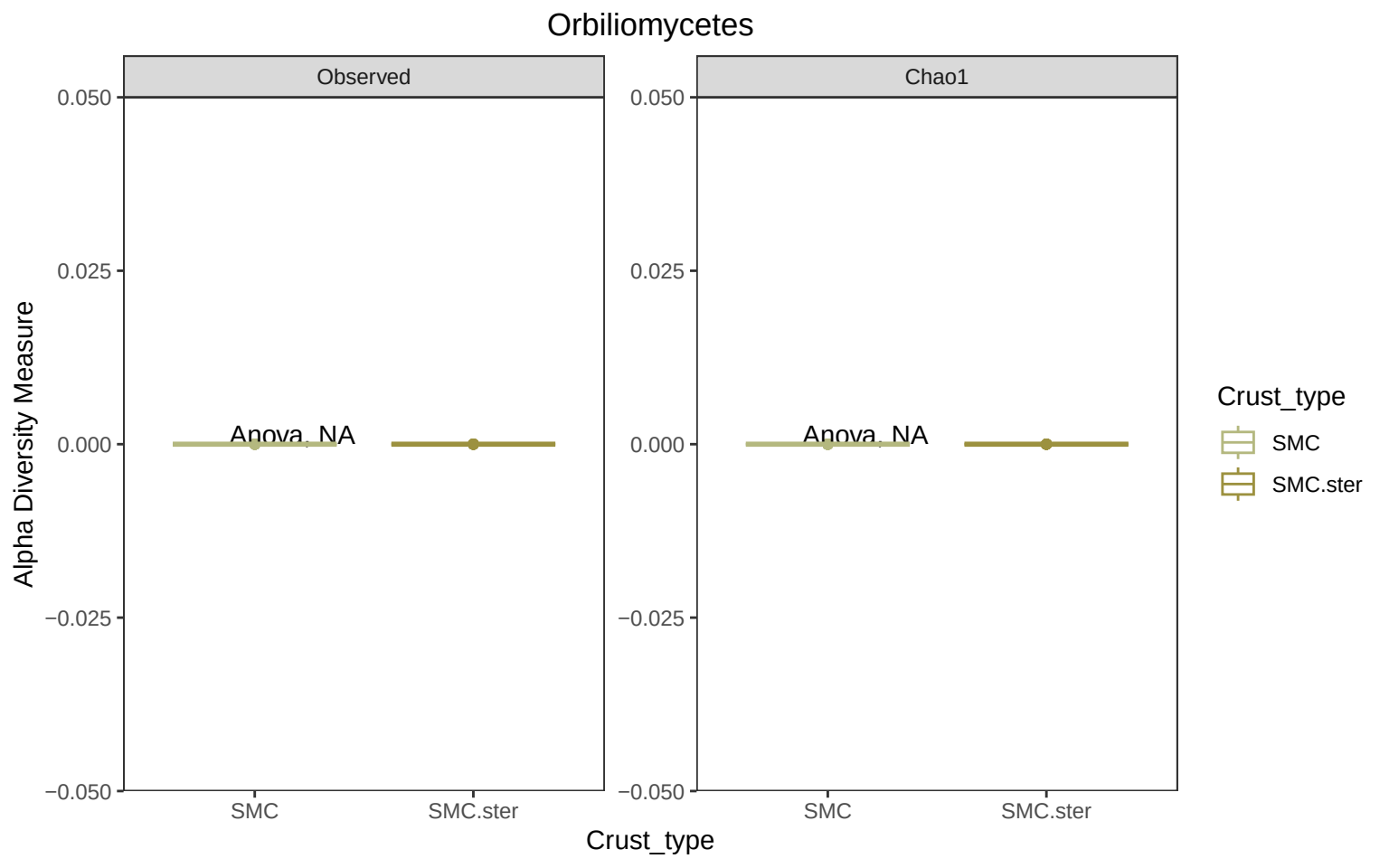

Archaeorhizomycetes
Observed
Chao1
Anova, p = 1
Anova, p = 1
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

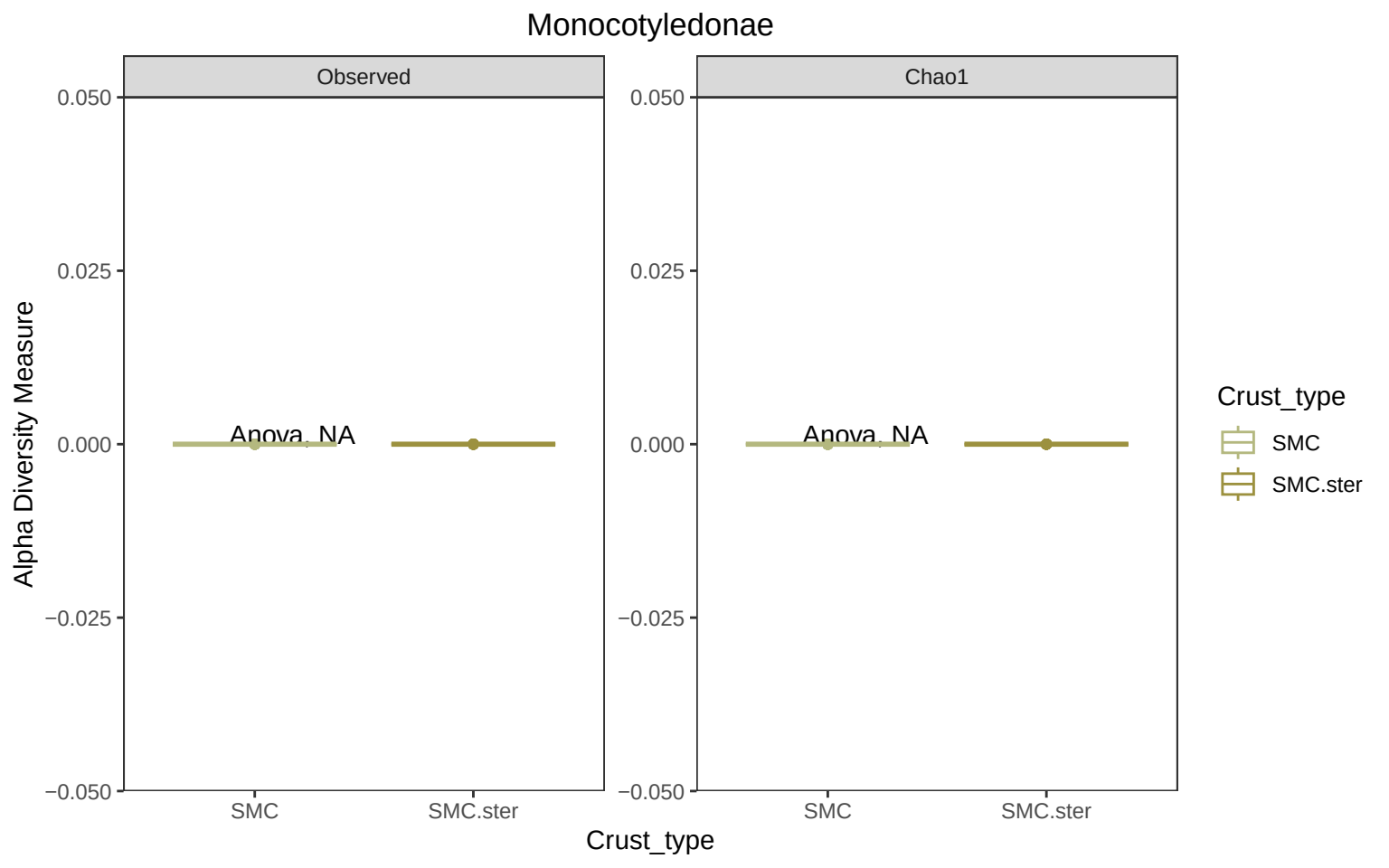

Basidiobolomycetes
Observed
Chao1
Anova, p = 0.93
Anova, p = 0.93
Alpha Diversity Measure
2.0
1.5
1.0
0.5
0.0
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

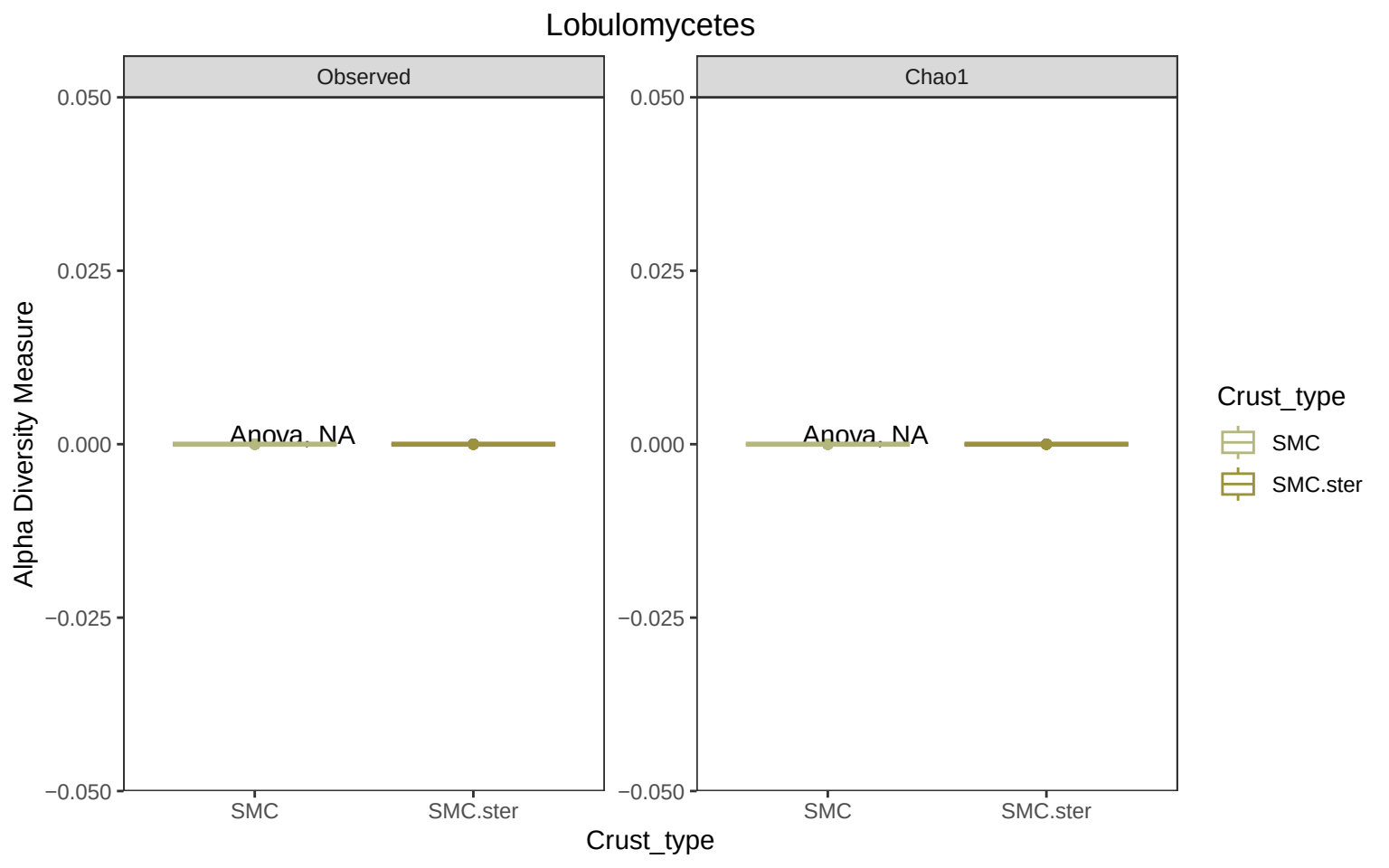

Zoopagomycetes
Observed
Chao1
Alpha Diversity Measure
0.050
0.025
0.000
−0.025
−0.050
Anova, NA
Anova, NA
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster

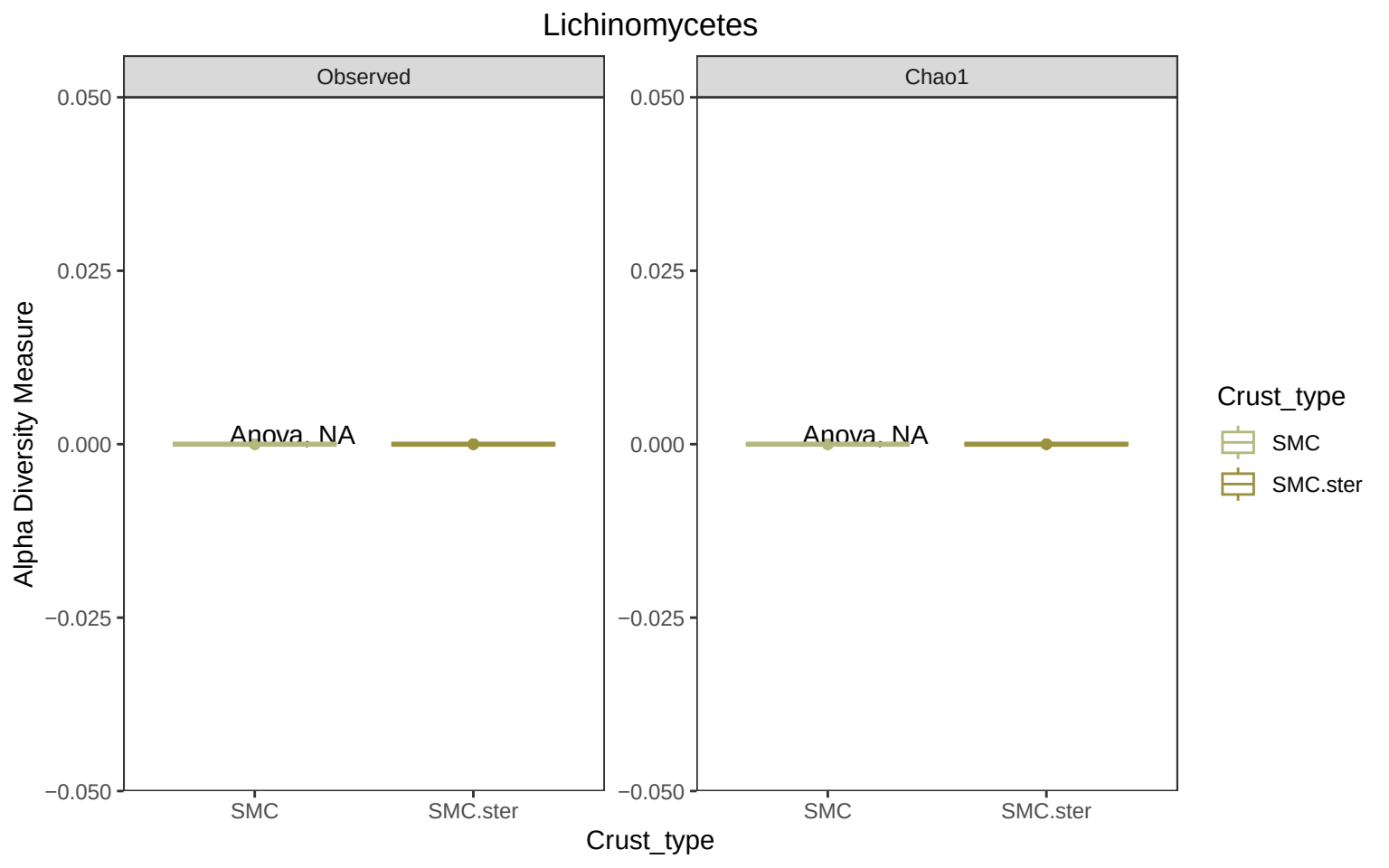

Actinopterygii
Observed
Chao1
Anova, p = 1
Anova, p = 1
1.00
0.75
0.50
0.25
0.00
Alpha Diversity Measure
SMC
SMC.ster
Crust_type
Crust_type
SMC
SMC.ster


Malasseziomycetes
Observed
Chao1
Anova, p = 0.26
Anova, p = 0.26
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
0.050
0.025
0.000
−0.025
−0.050
Anova, NA
Anova, NA
SMC
SMC.ster
Alpha Diversity Measure
Crust_type
Crust_type
SMC
SMC.ster


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


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


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