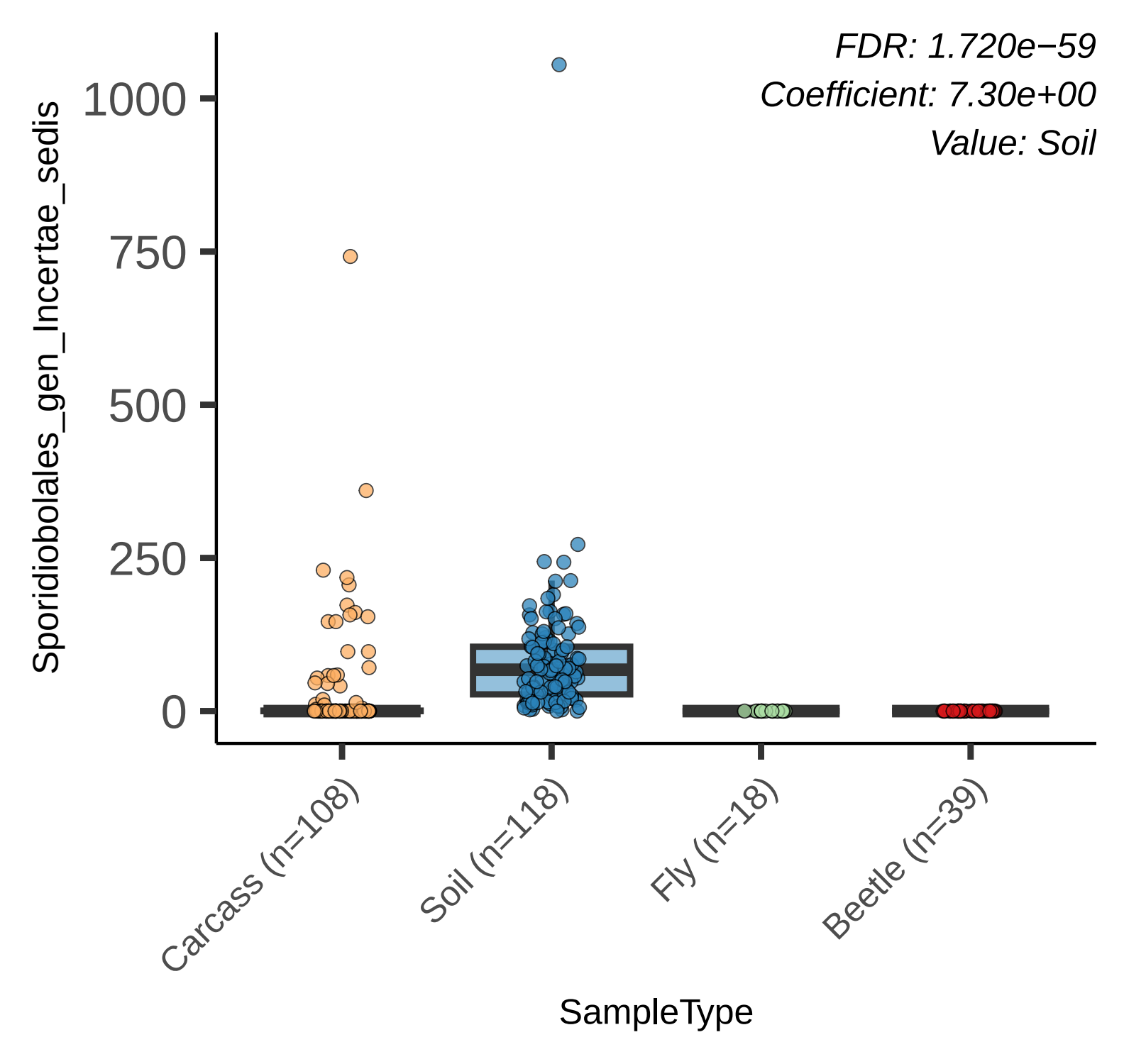
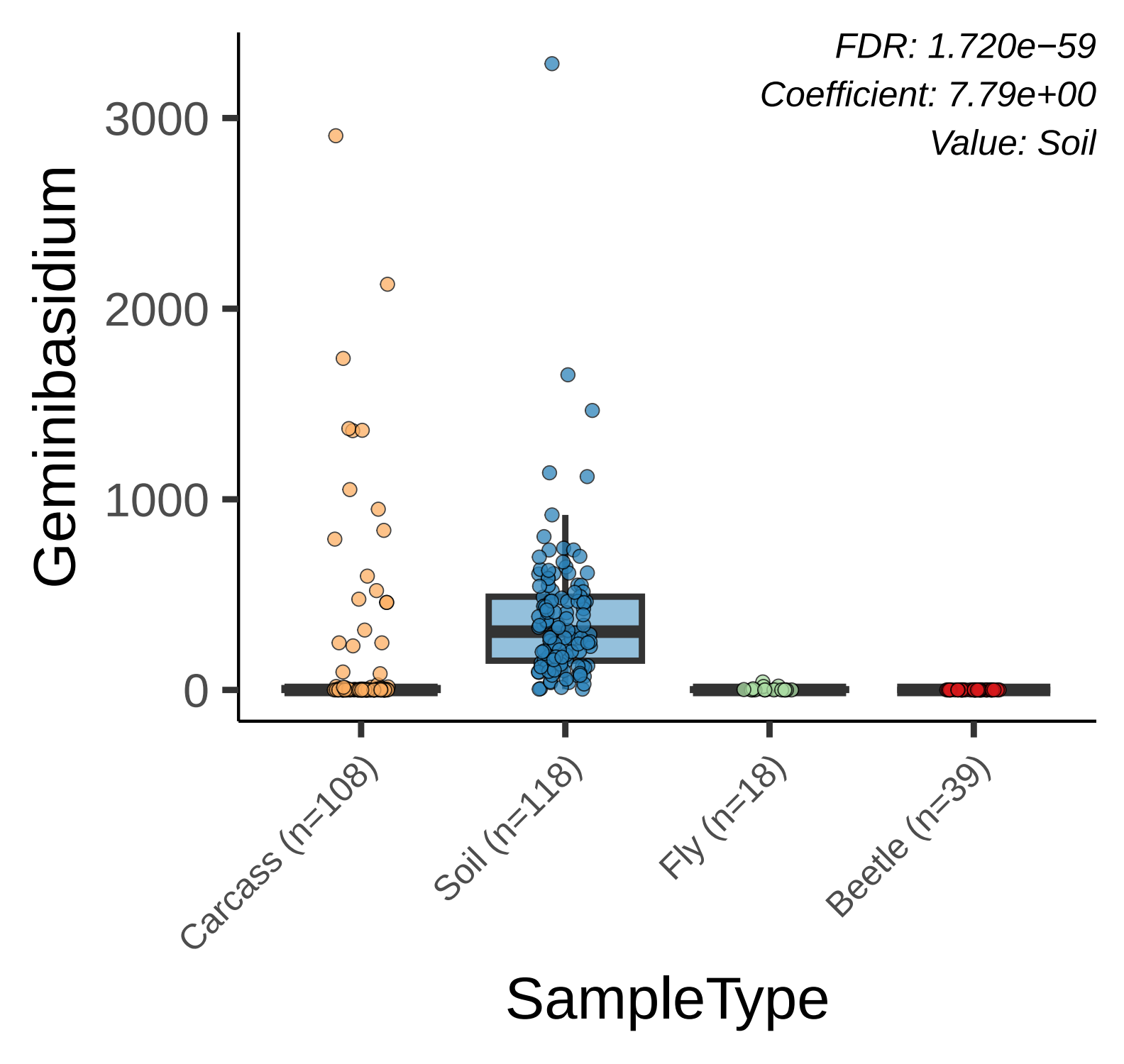
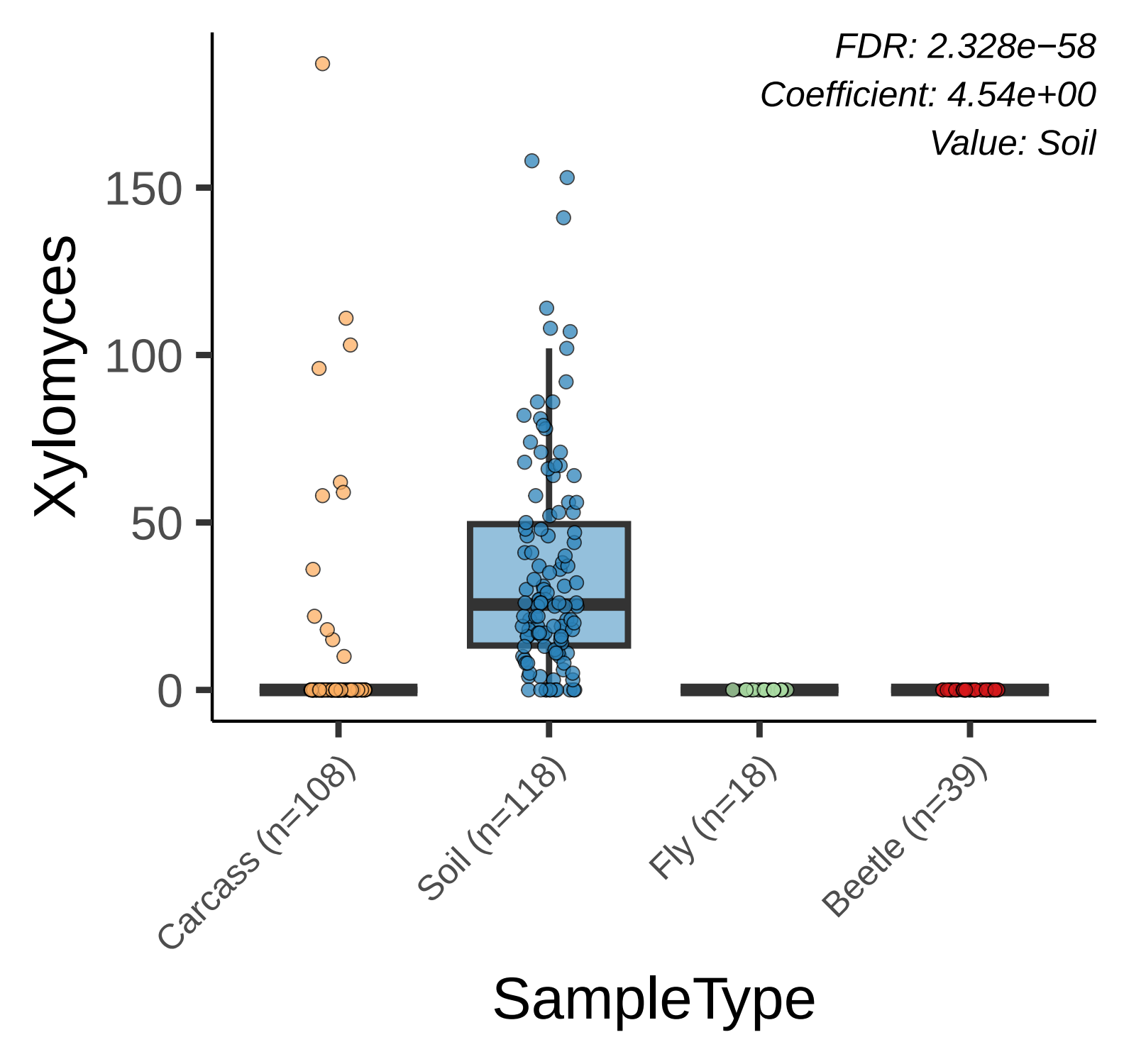
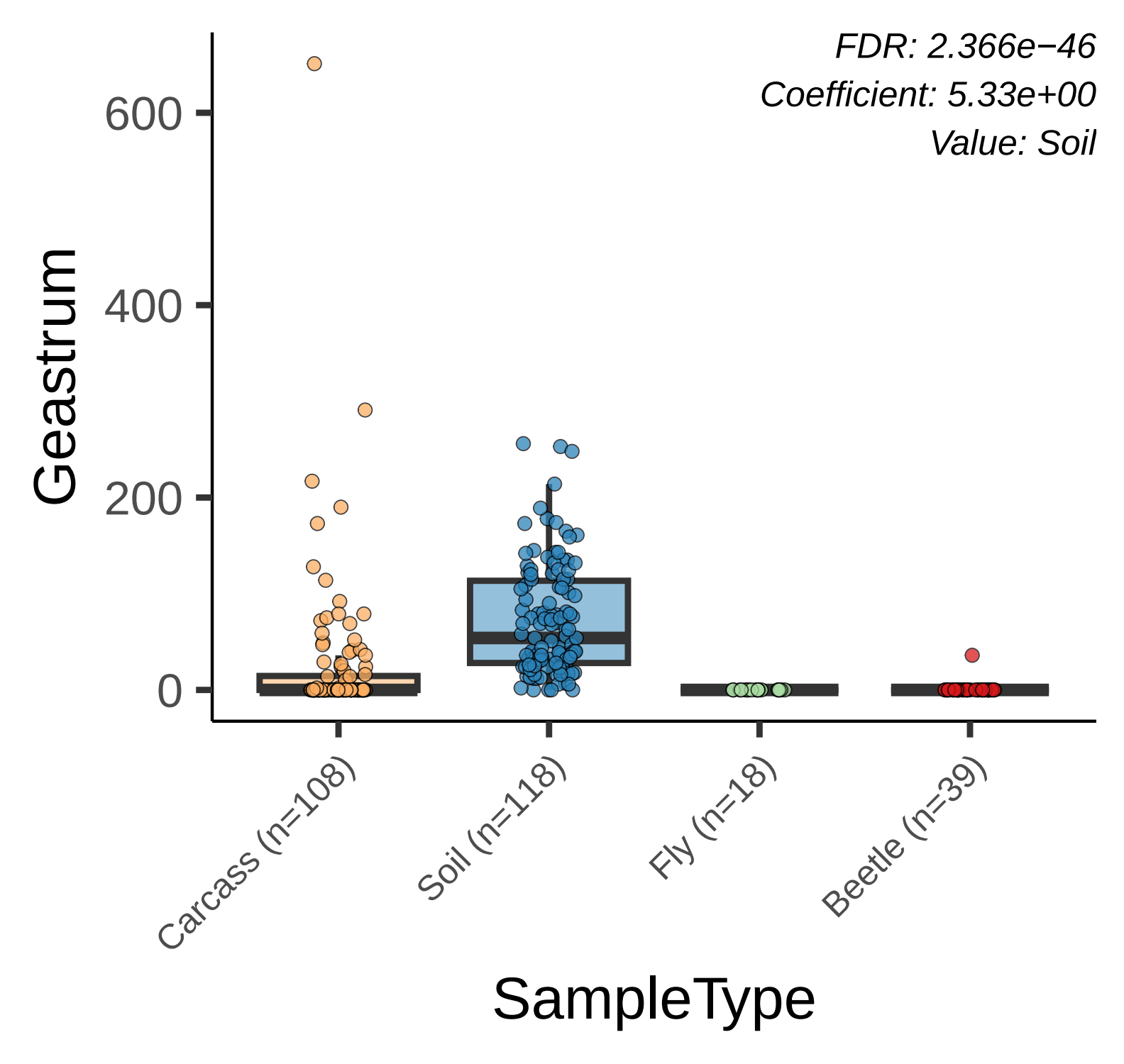
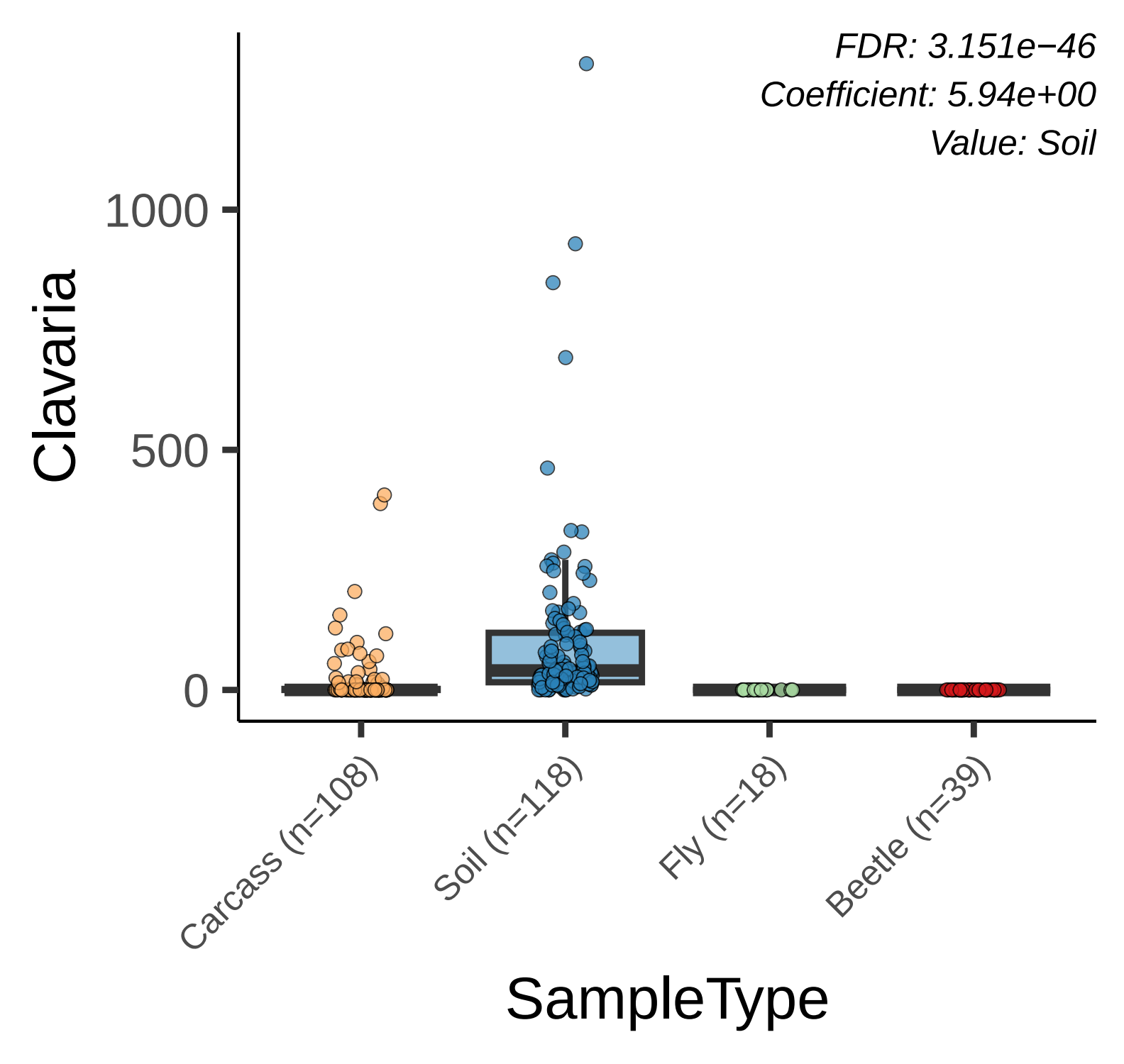
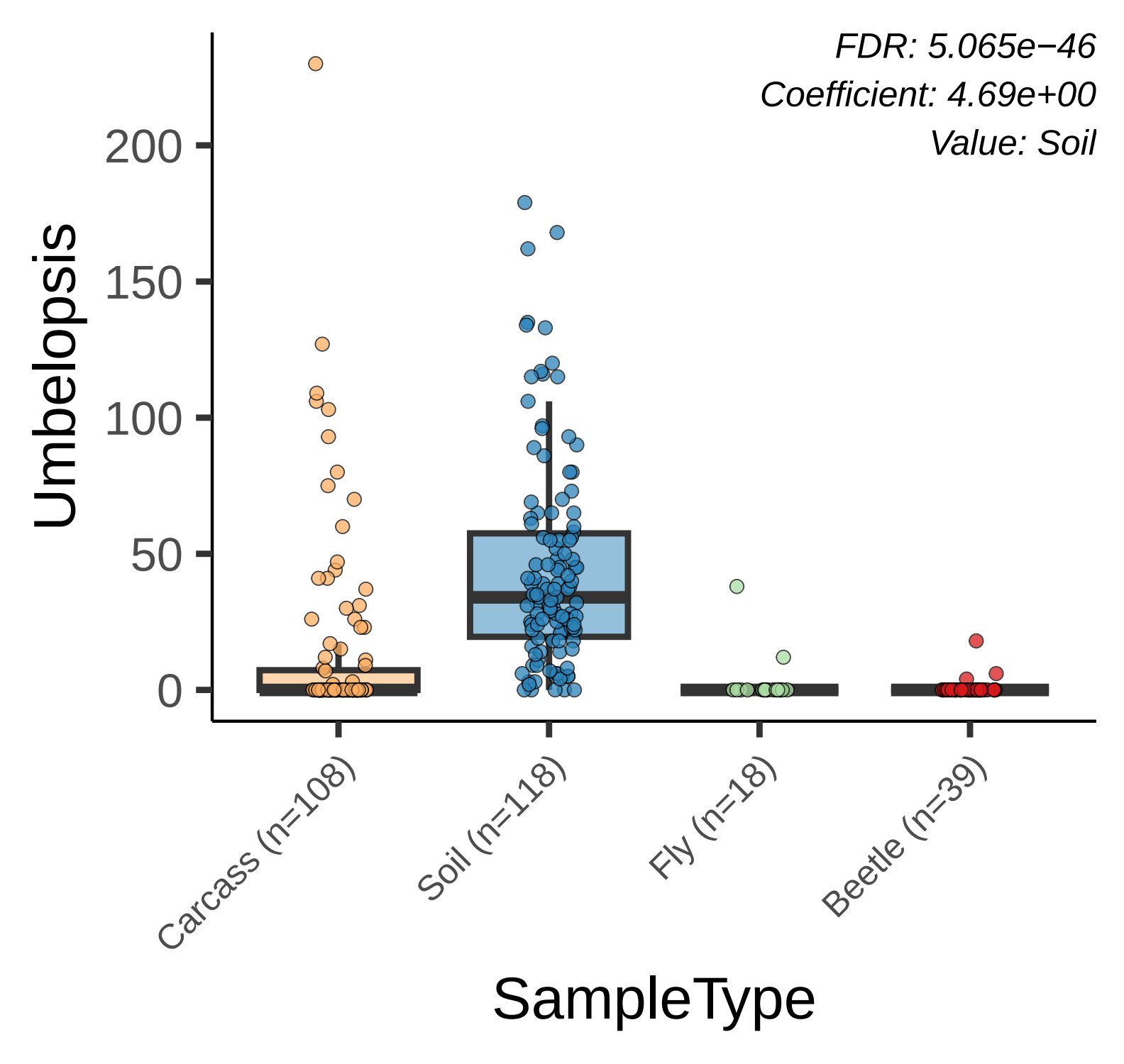

FDR: 1.720e−59
Coefficient: 7.30e+00
Value: Soil
Sporidiobolales_gen_Incertae_sedis
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

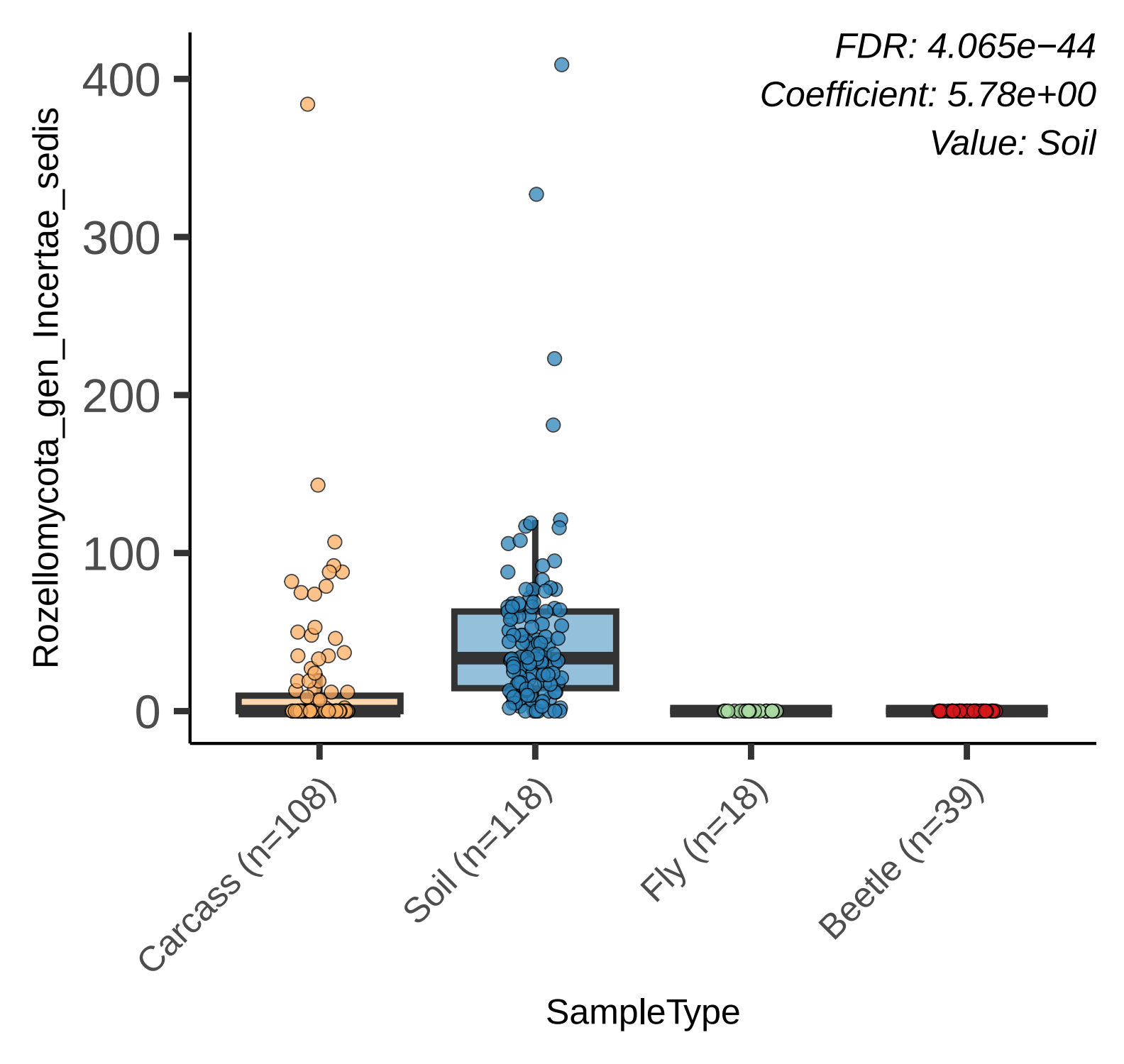

FDR: 1.720e−59
Coefficient: 7.79e+00
Value: Soil
Geminibasidium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

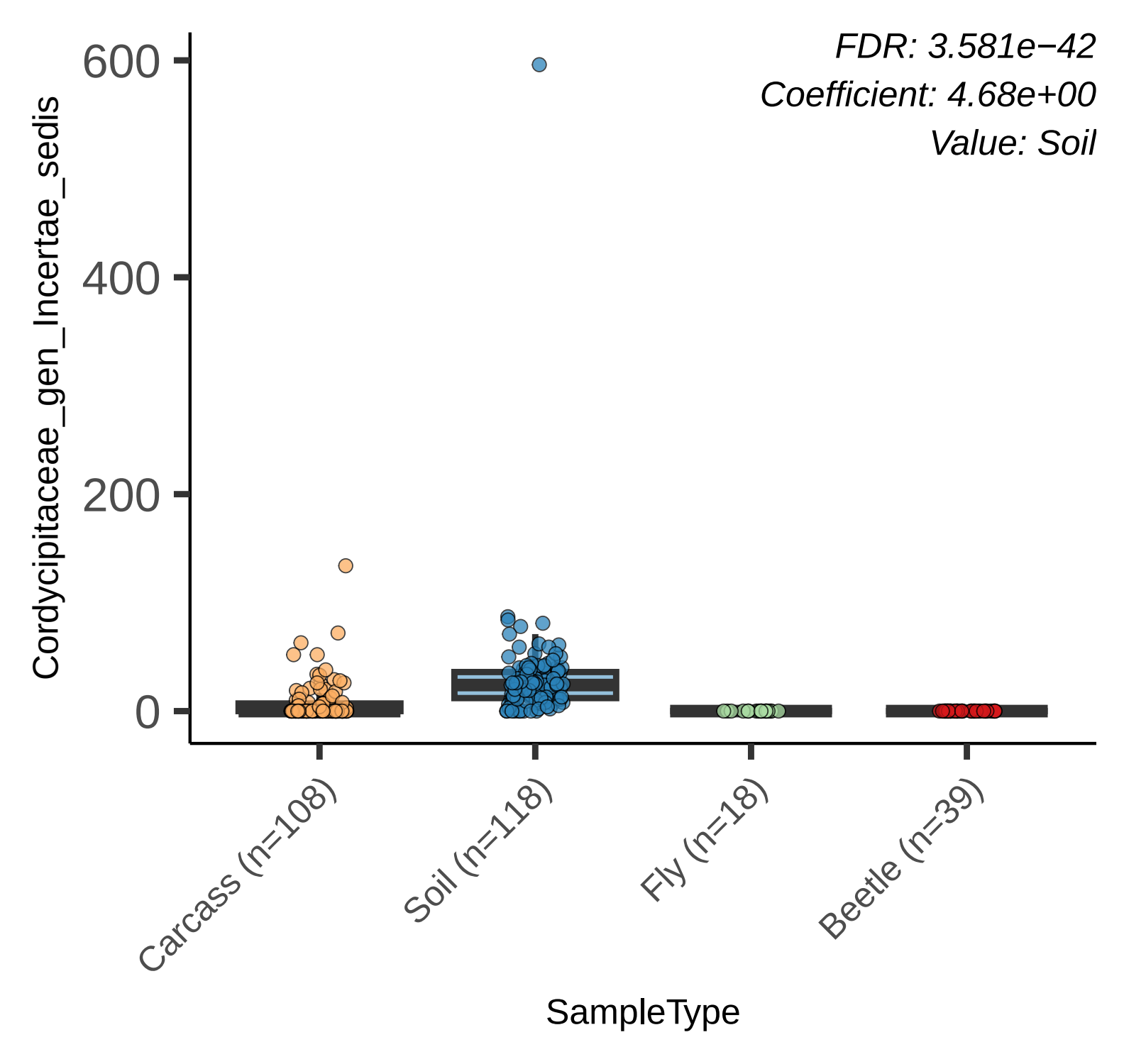

FDR: 2.328e−58
Coefficient: 4.54e+00
Value: Soil
Xylomyces
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

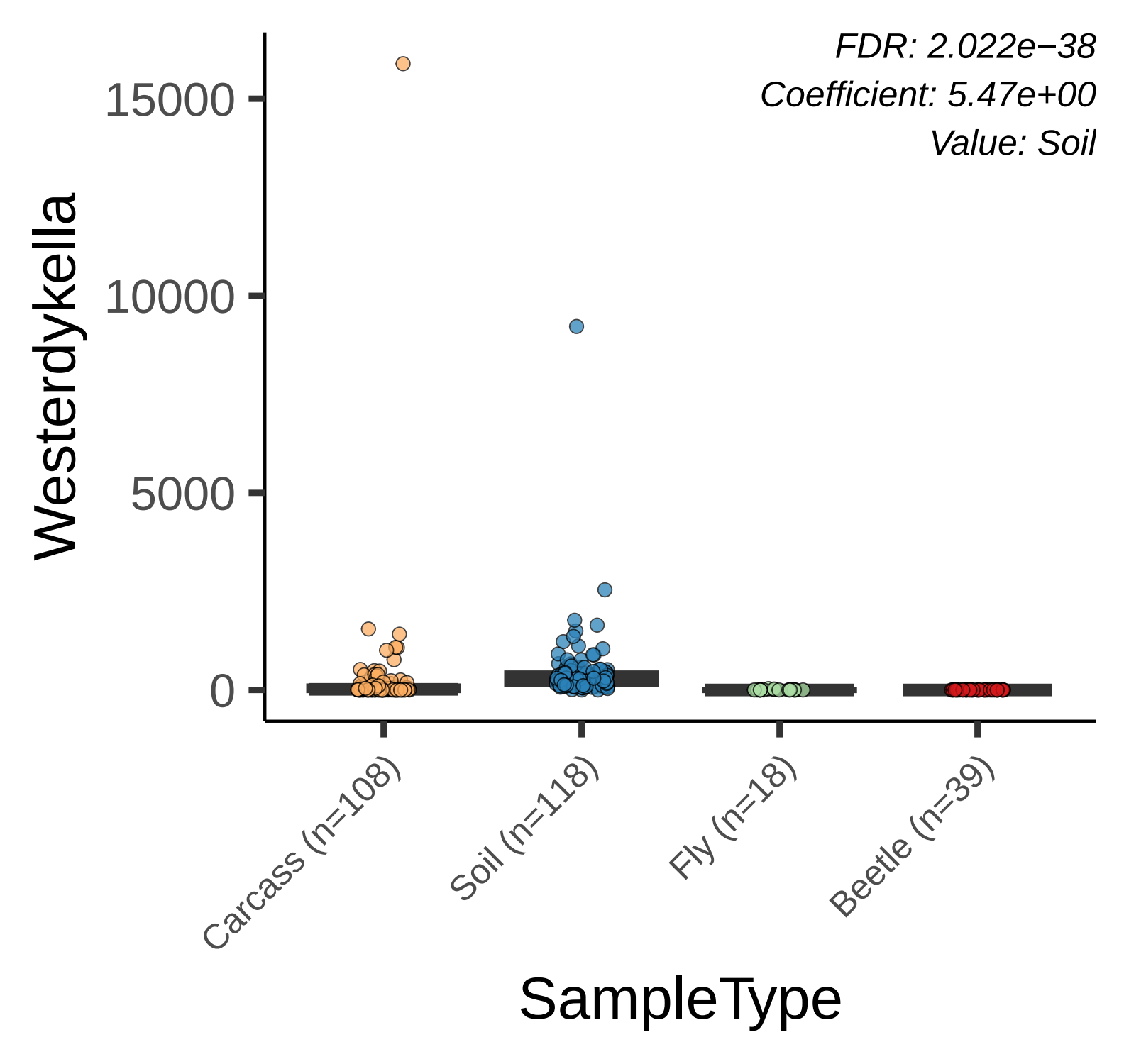

FDR: 2.366e−46
Coefficient: 5.33e+00
Value: Soil
Geastrum
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

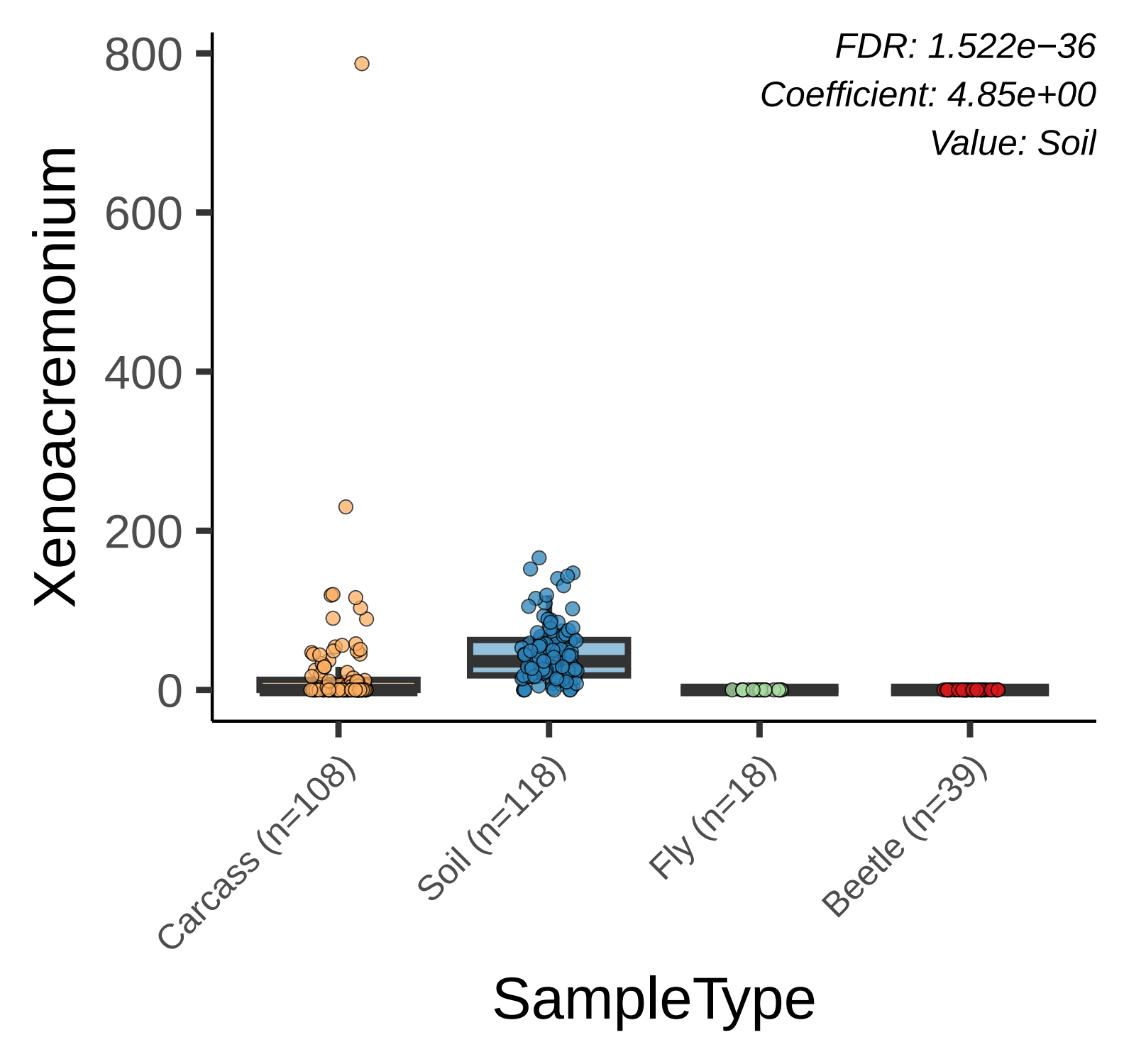

FDR: 3.151e−46
Coefficient: 5.94e+00
Value: Soil
Clavaria
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

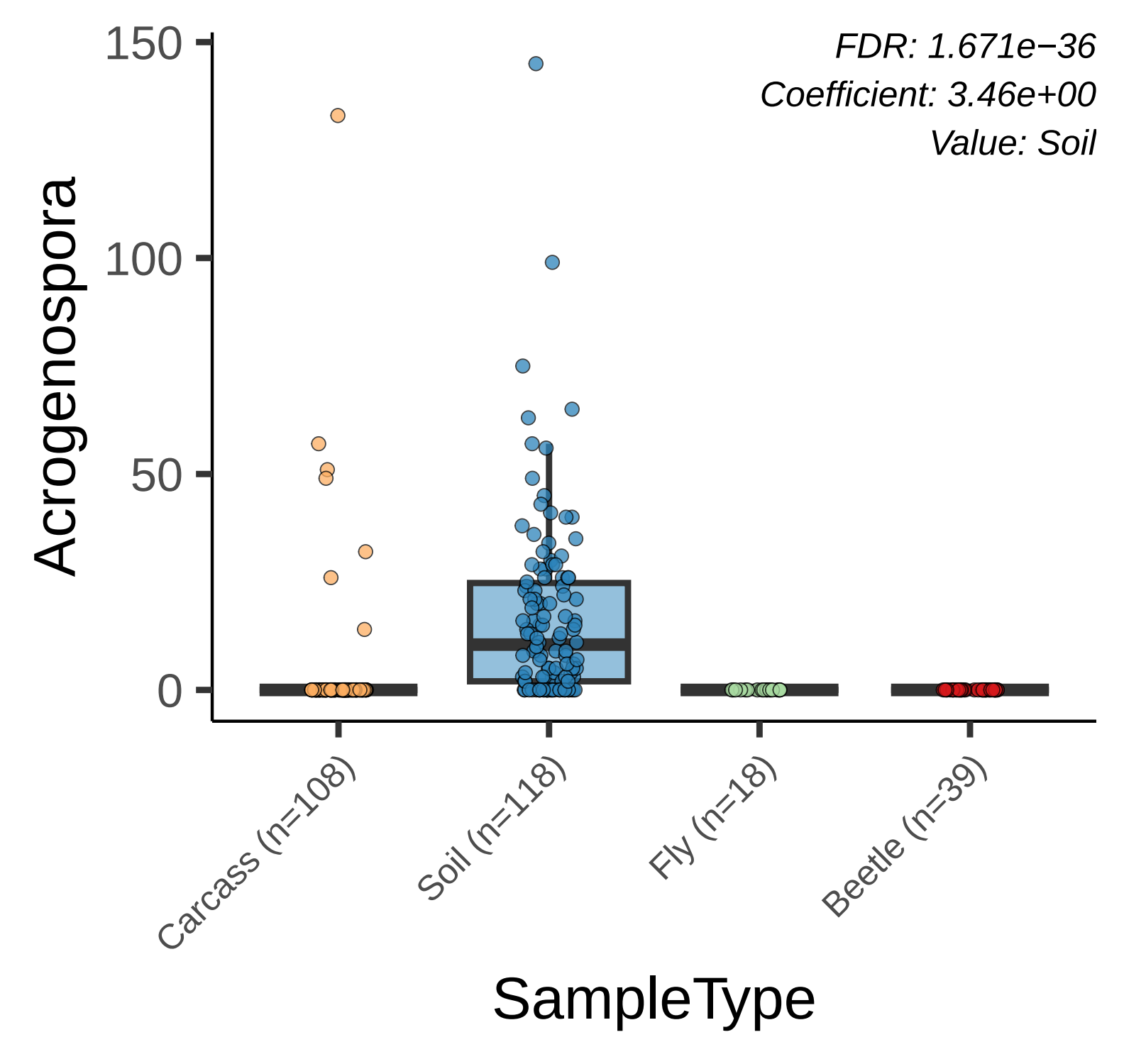

FDR: 5.065e−46
Coefficient: 4.69e+00
Value: Soil
Umbelopsis
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

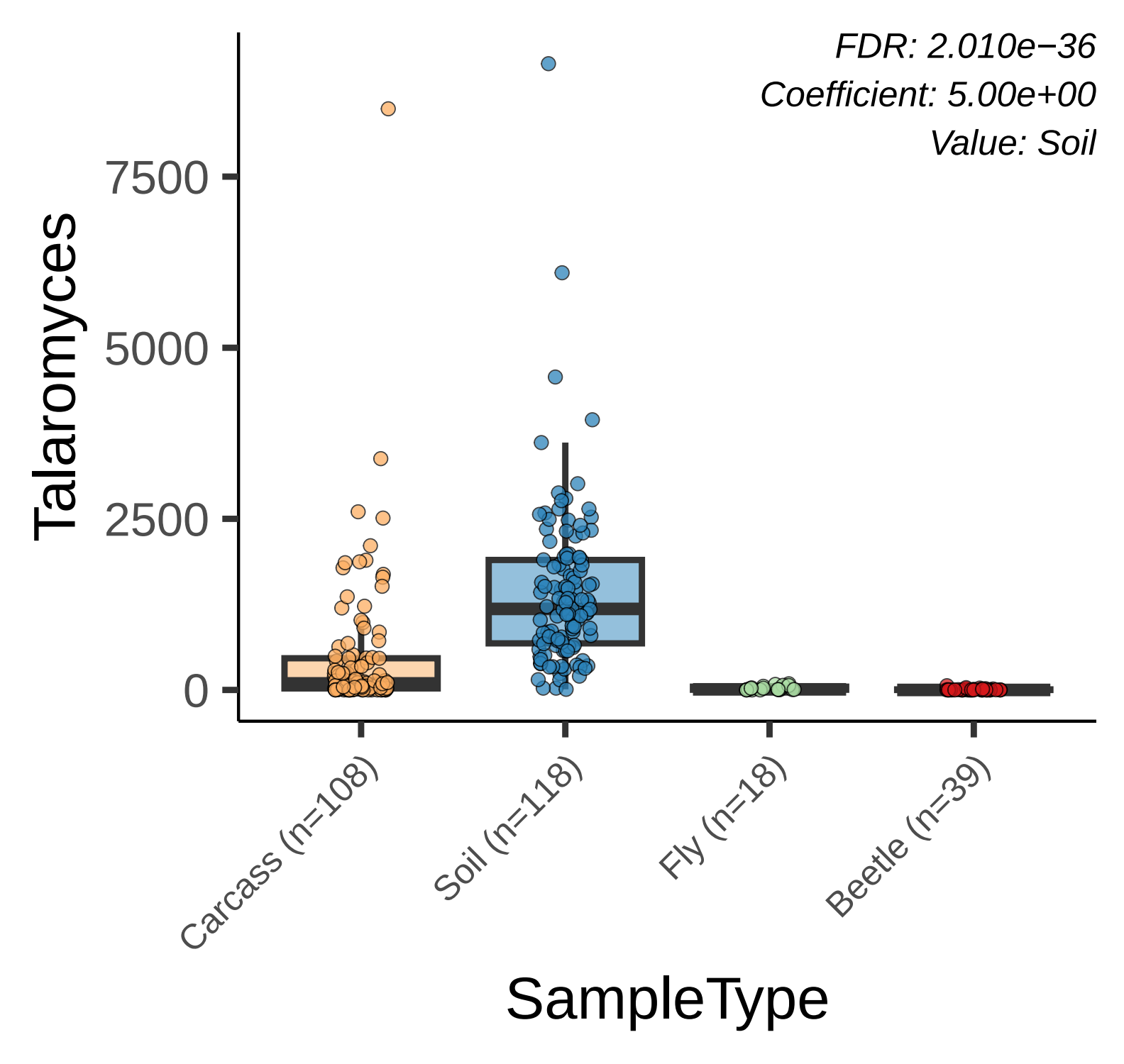

FDR: 4.065e−44
Coefficient: 5.78e+00
Value: Soil
Rozellomycota_gen_Incertae_sedis
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

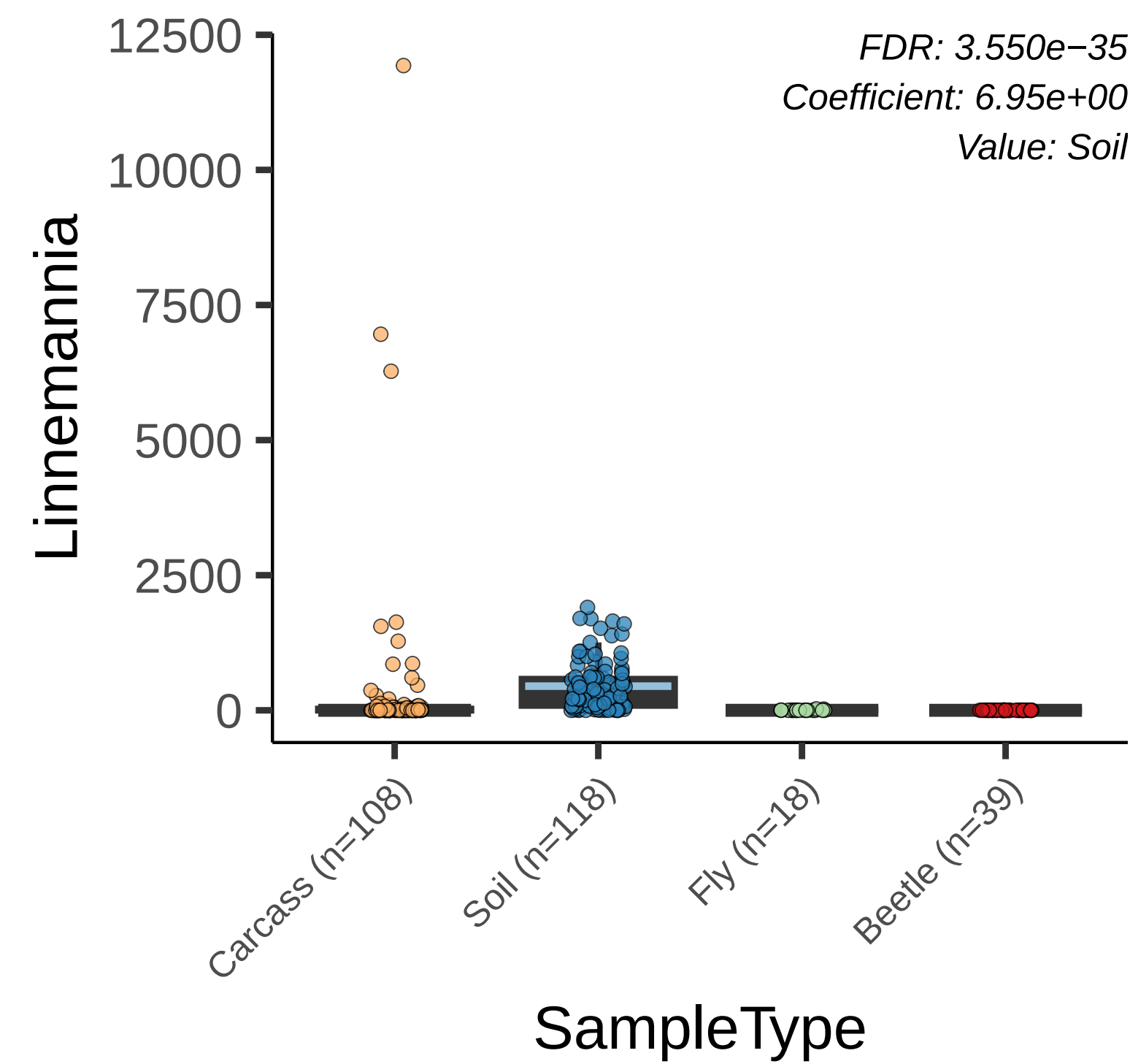

FDR: 3.581e−42
Coefficient: 4.68e+00
Value: Soil
Cordycipitaceae_gen_Incertae_sedis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

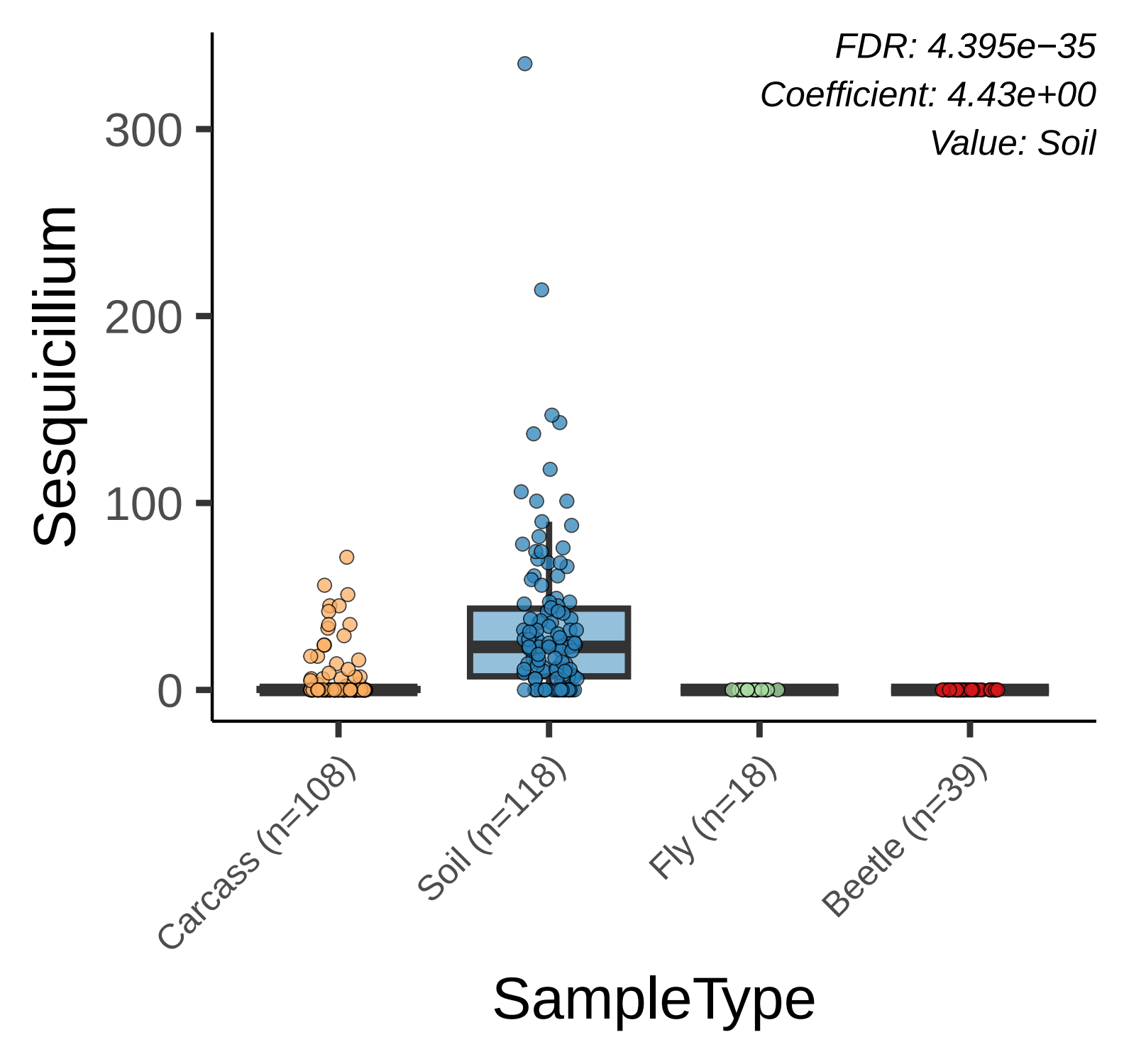

FDR: 2.022e−38
Coefficient: 5.47e+00
Value: Soil
Westerdykella
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

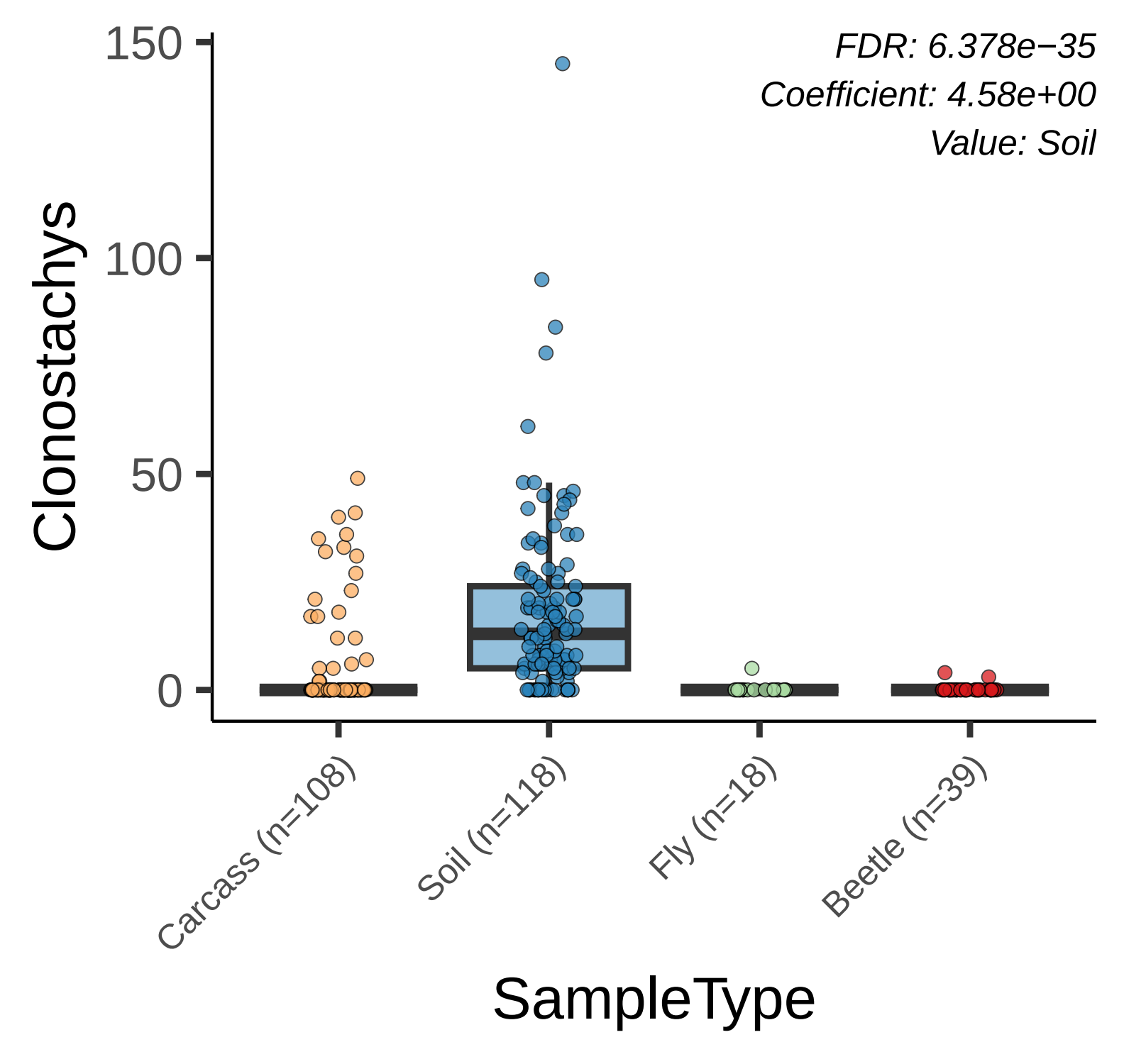

FDR: 1.522e−36
Coefficient: 4.85e+00
Value: Soil
Xenoacremonium
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

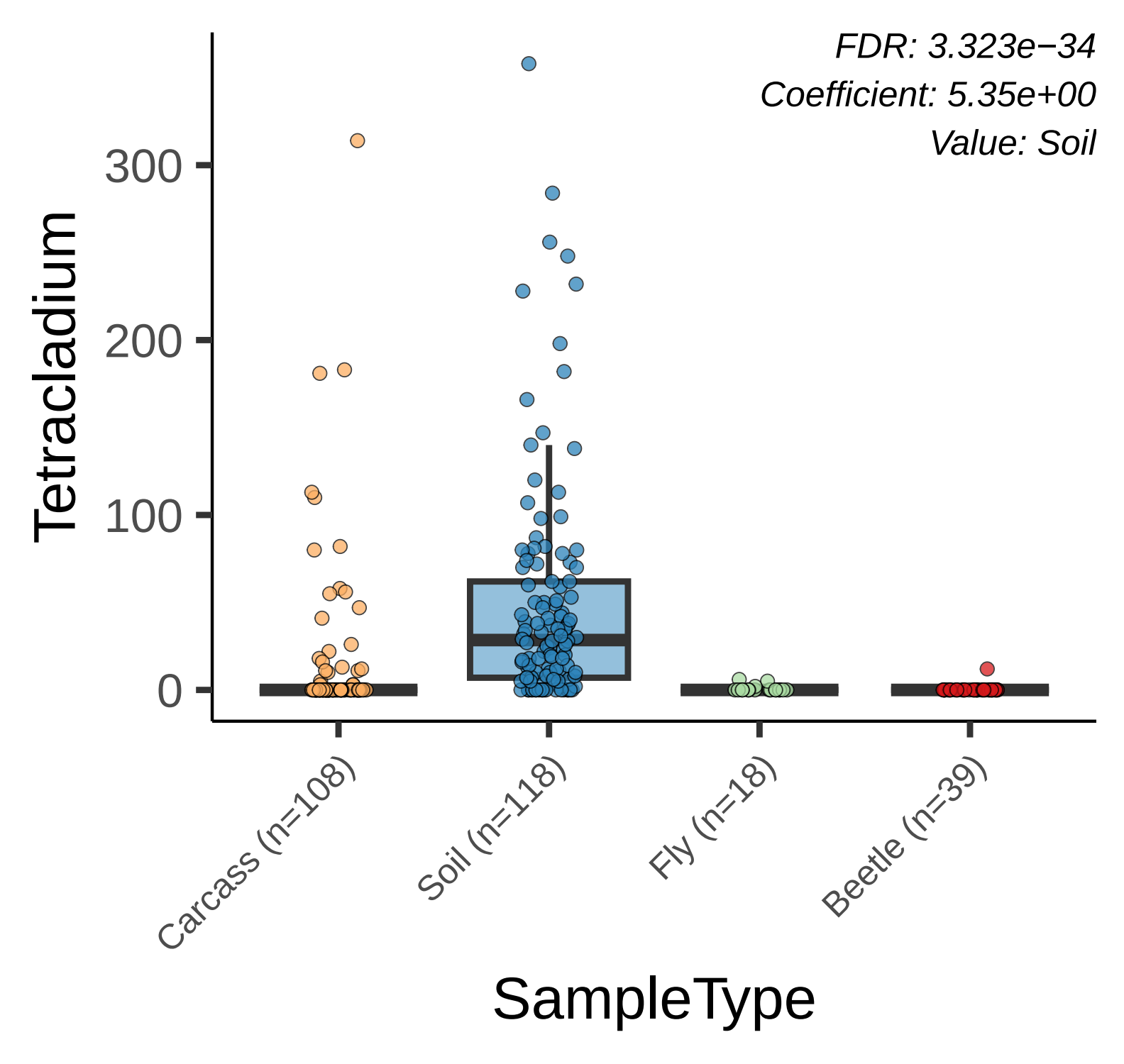

FDR: 1.671e−36
Coefficient: 3.46e+00
Value: Soil
Acrogenospora
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

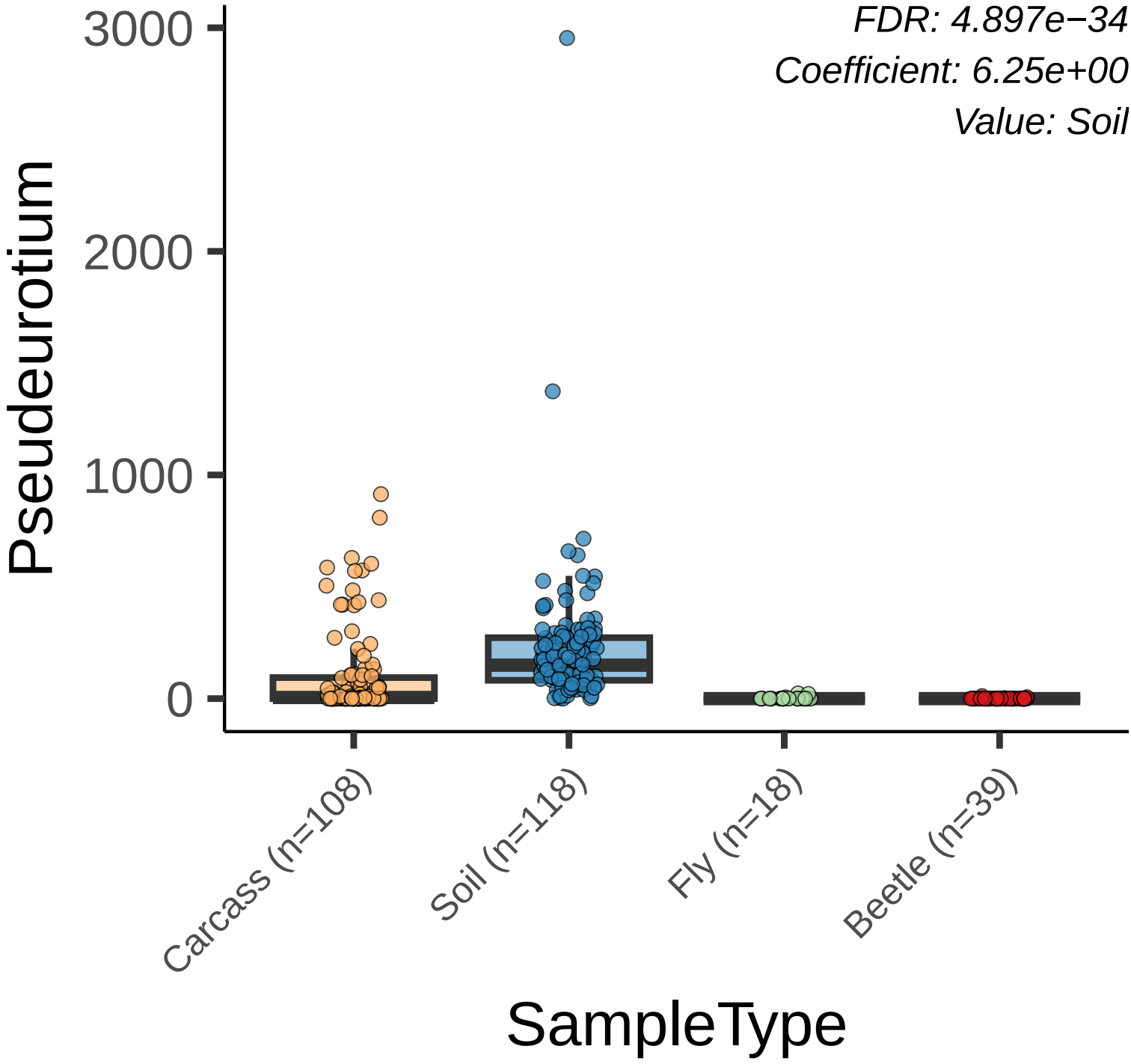

FDR: 2.010e−36
Coefficient: 5.00e+00
Value: Soil
Talaromyces
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

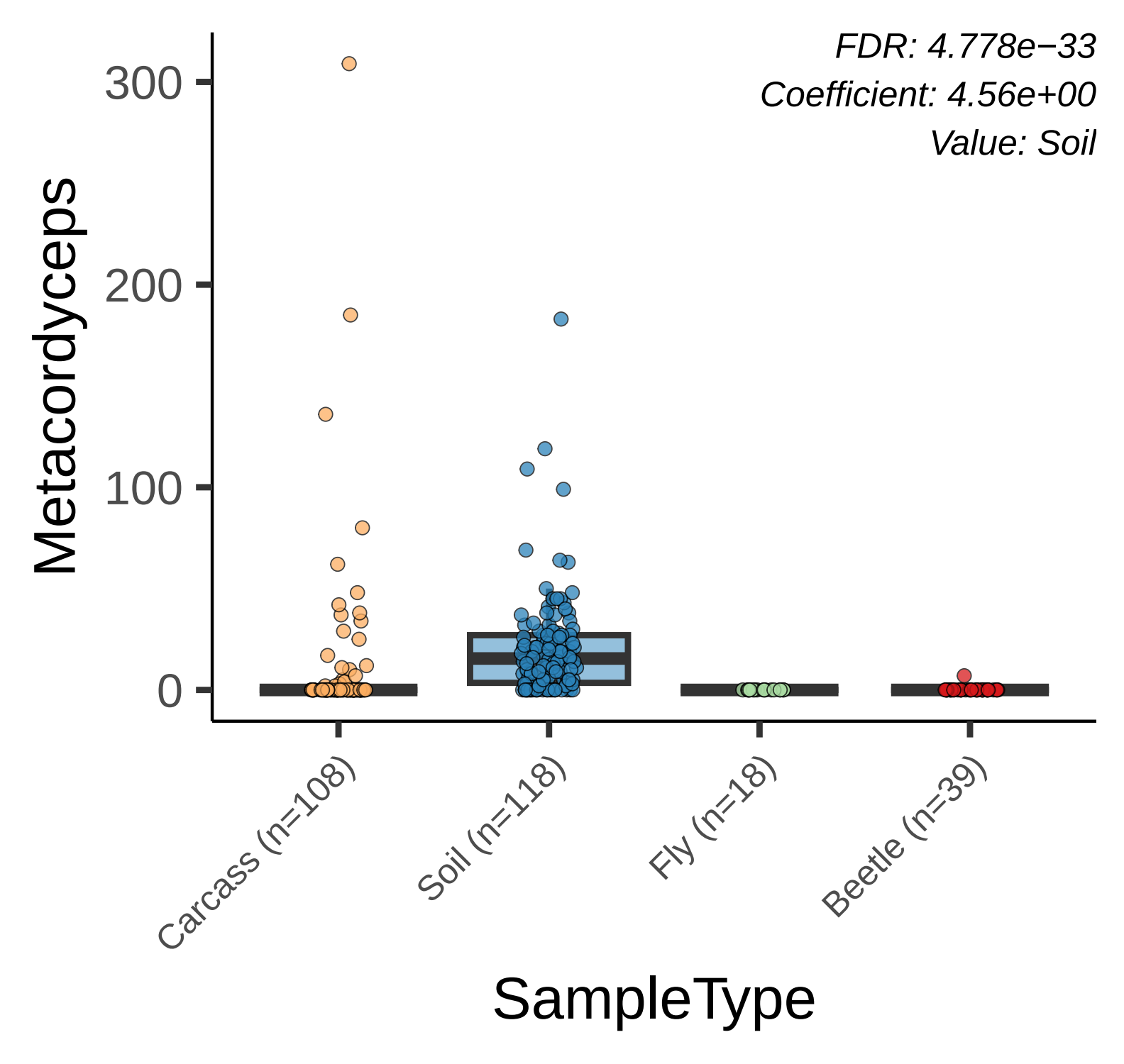

FDR: 3.550e−35
Coefficient: 6.95e+00
Value: Soil
Linnemannia
12500
10000
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

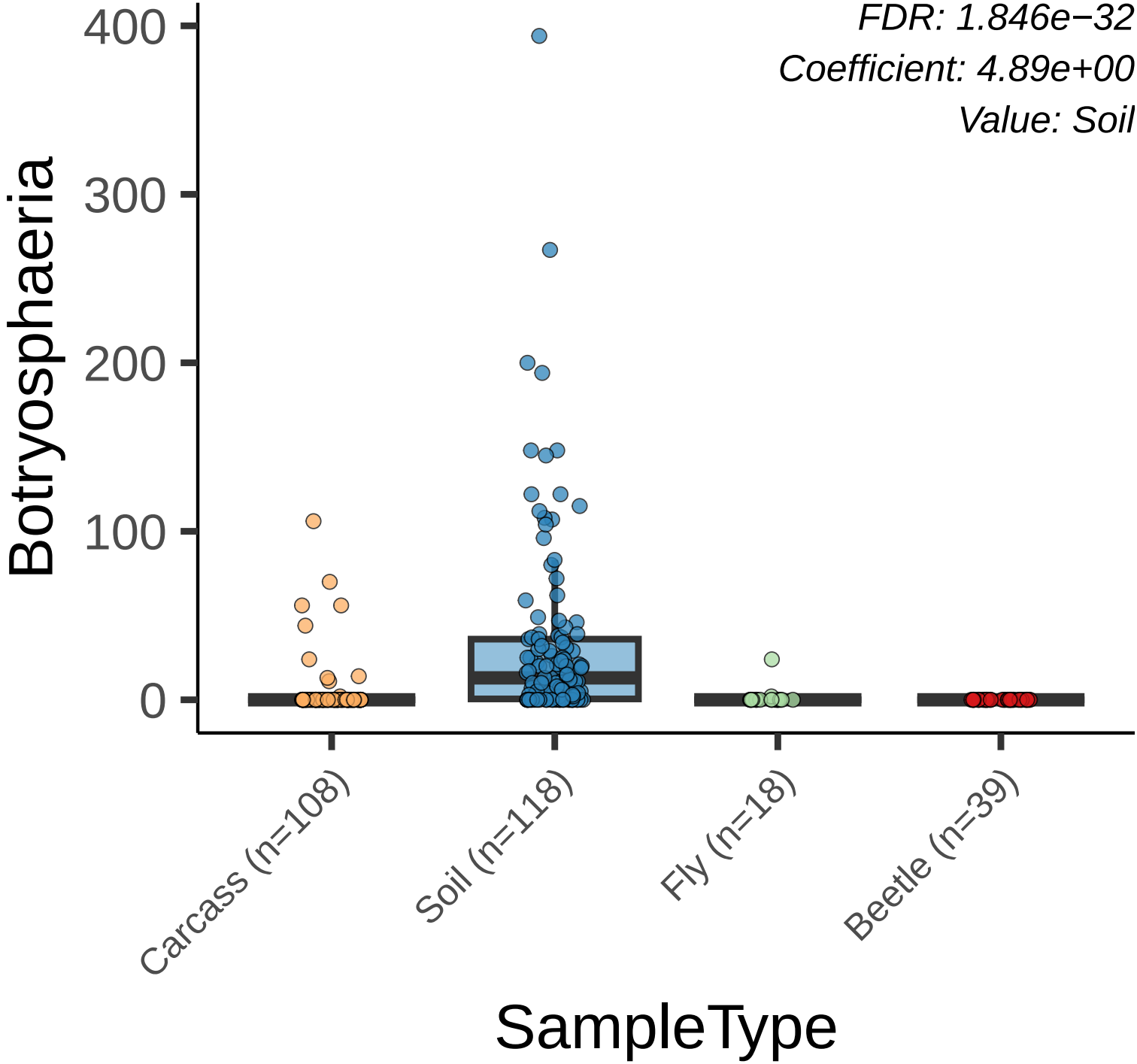

FDR: 4.395e−35
Coefficient: 4.43e+00
Value: Soil
Sesquicillium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

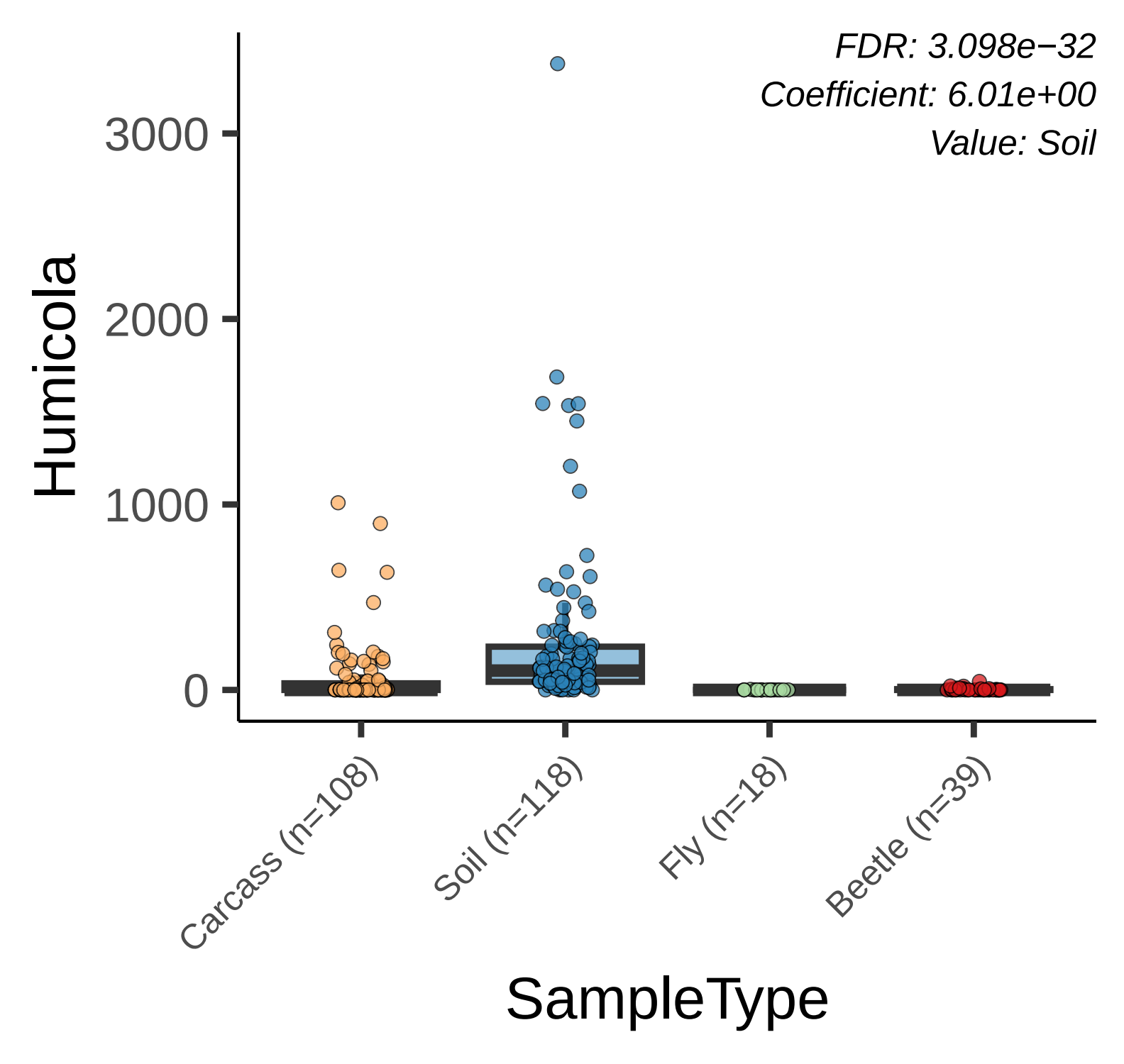

FDR: 6.378e−35
Coefficient: 4.58e+00
Value: Soil
Clonostachys
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

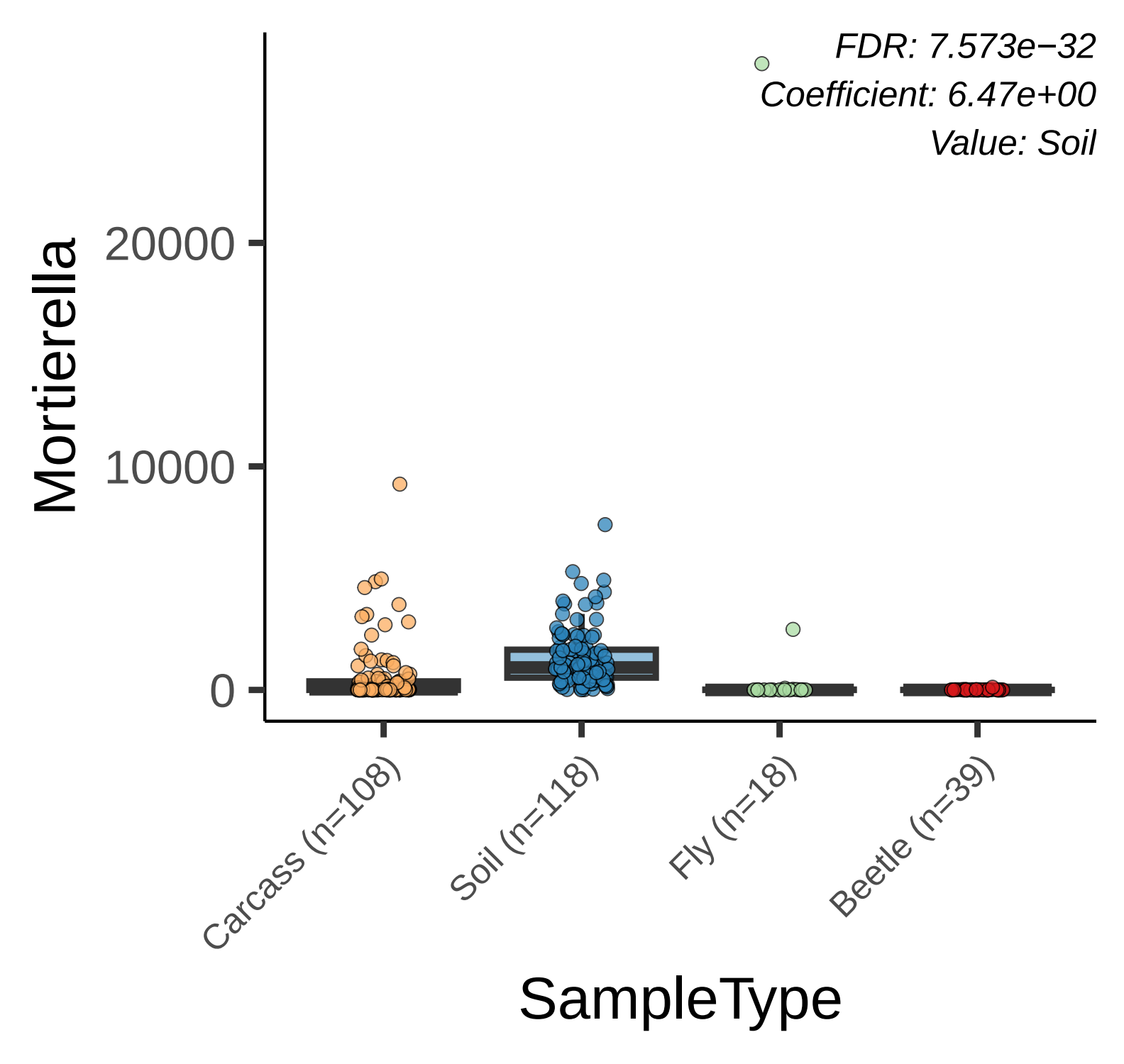

FDR: 3.323e−34
Coefficient: 5.35e+00
Value: Soil
Tetracladium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

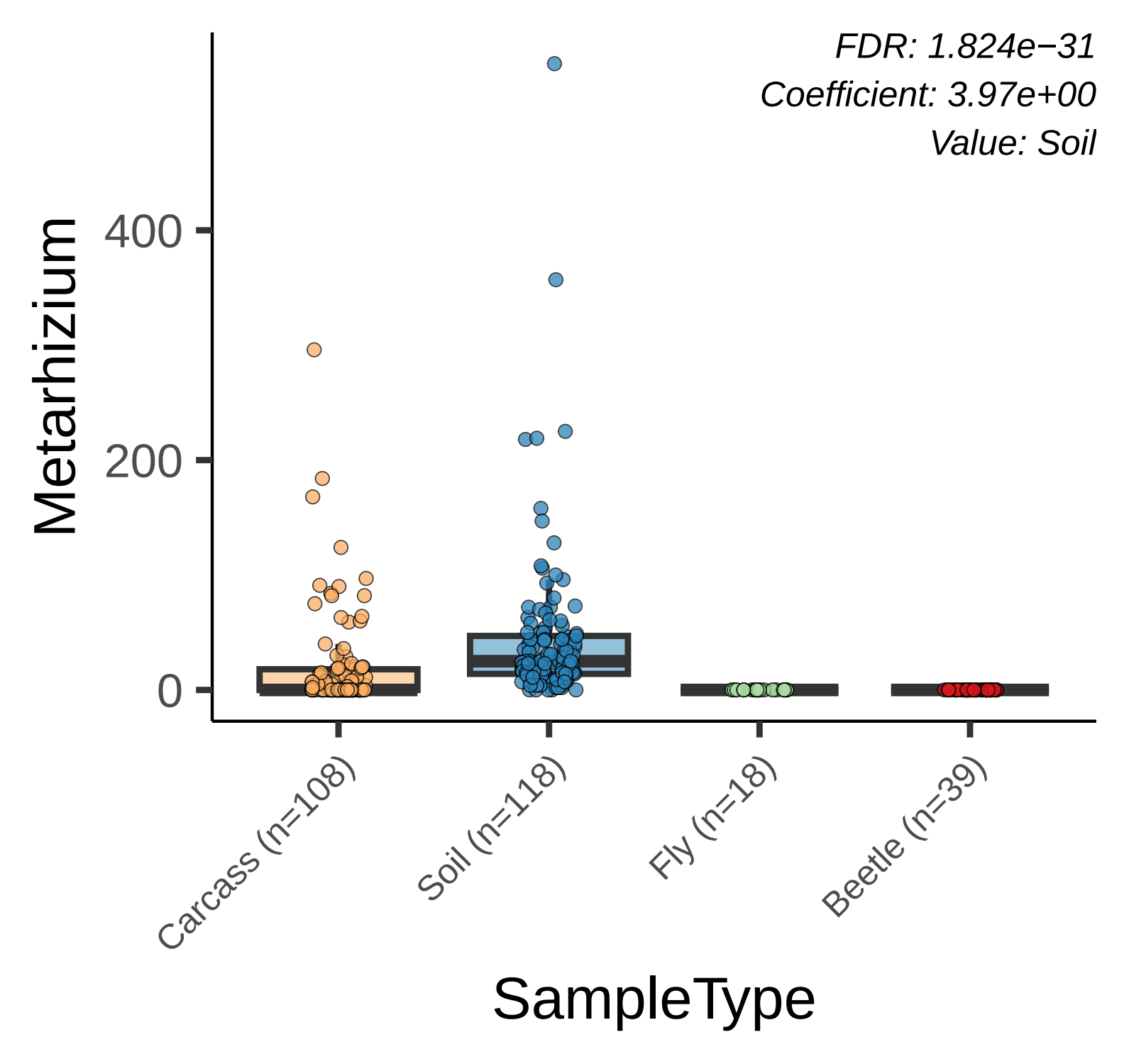

FDR: 4.897e−34
Coefficient: 6.25e+00
Value: Soil
Pseudeurotium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

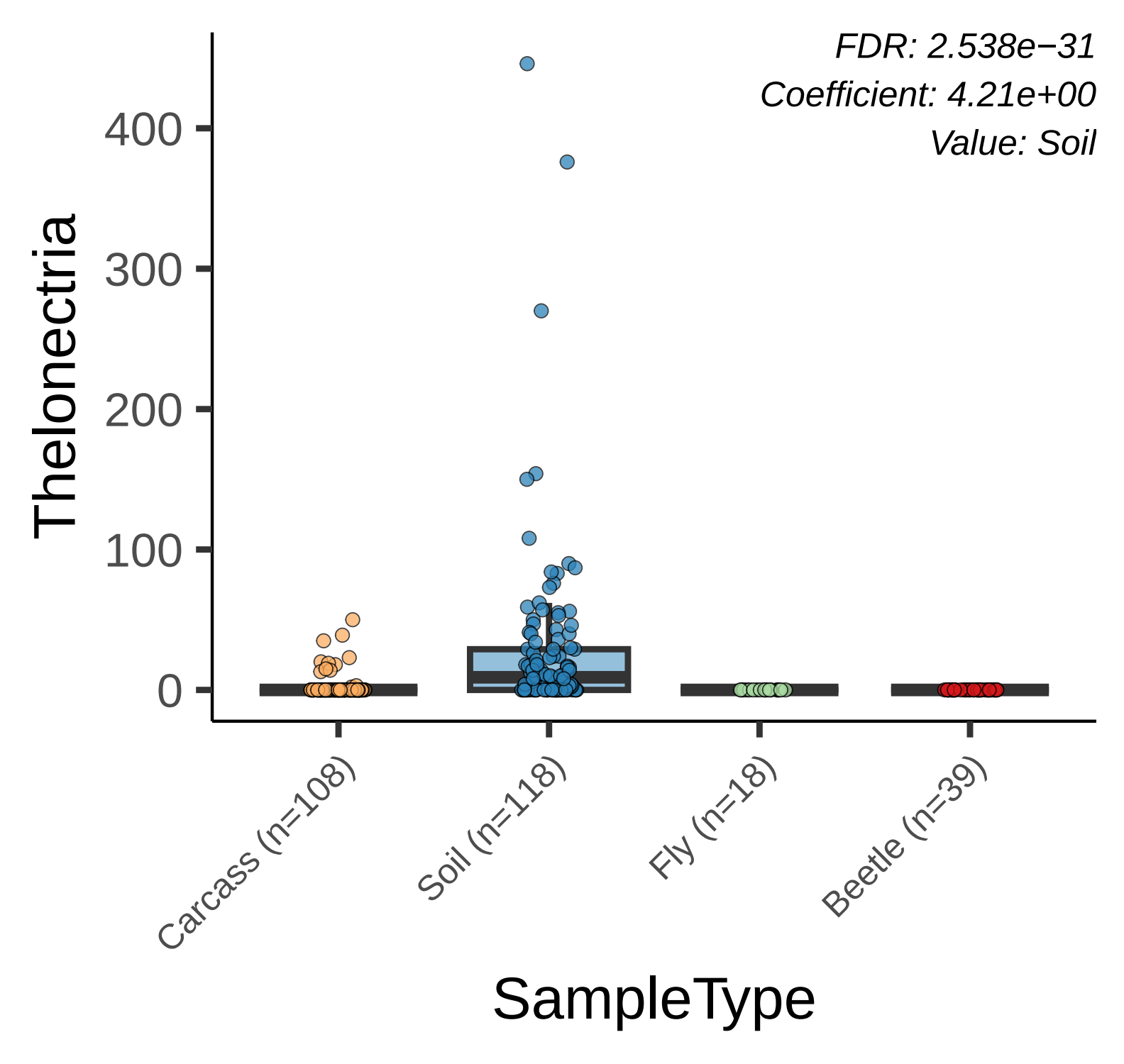

FDR: 4.778e−33
Coefficient: 4.56e+00
Value: Soil
Metacordyceps
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

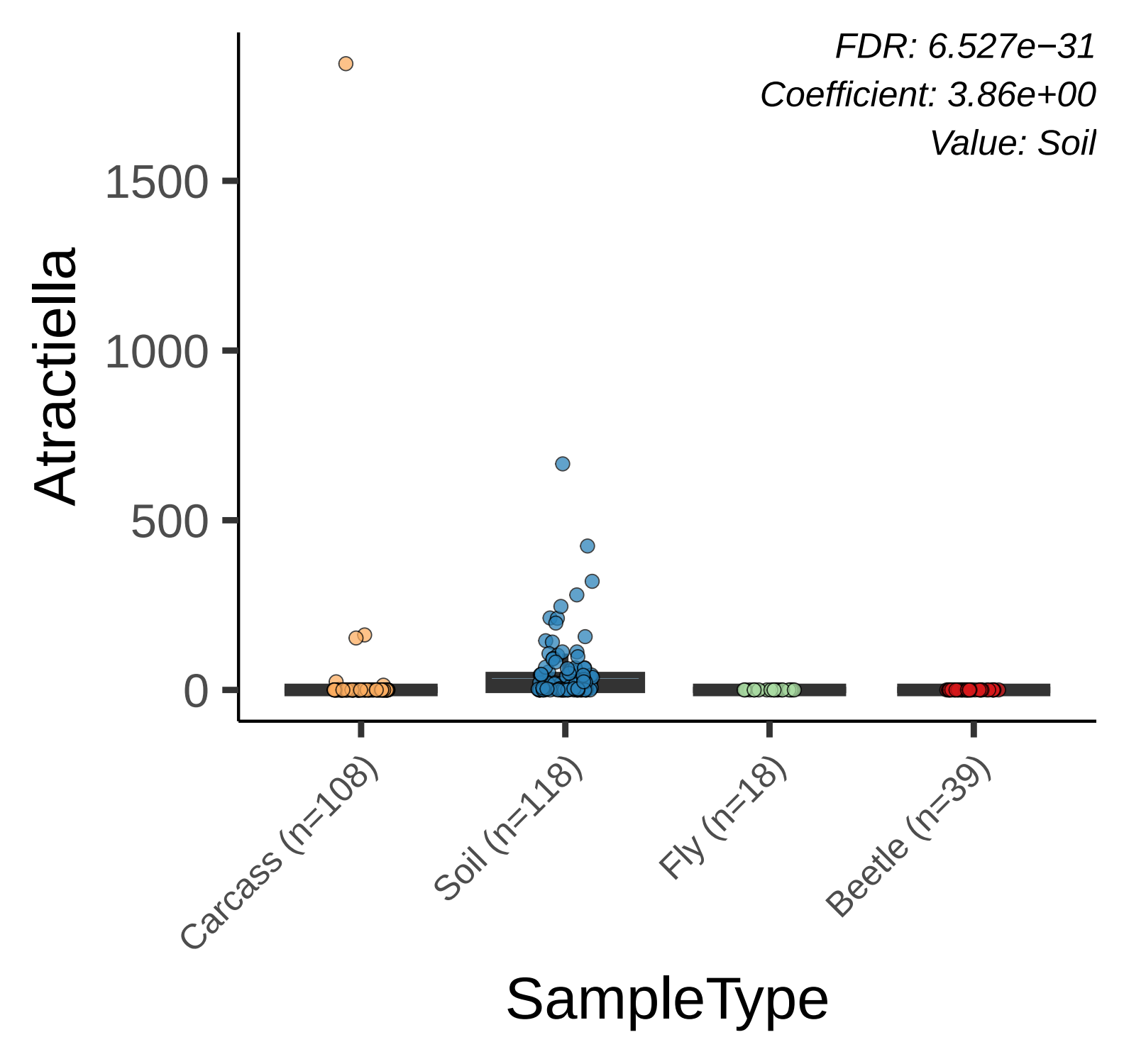

FDR: 1.846e−32
Coefficient: 4.89e+00
Value: Soil
Botryosphaeria
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

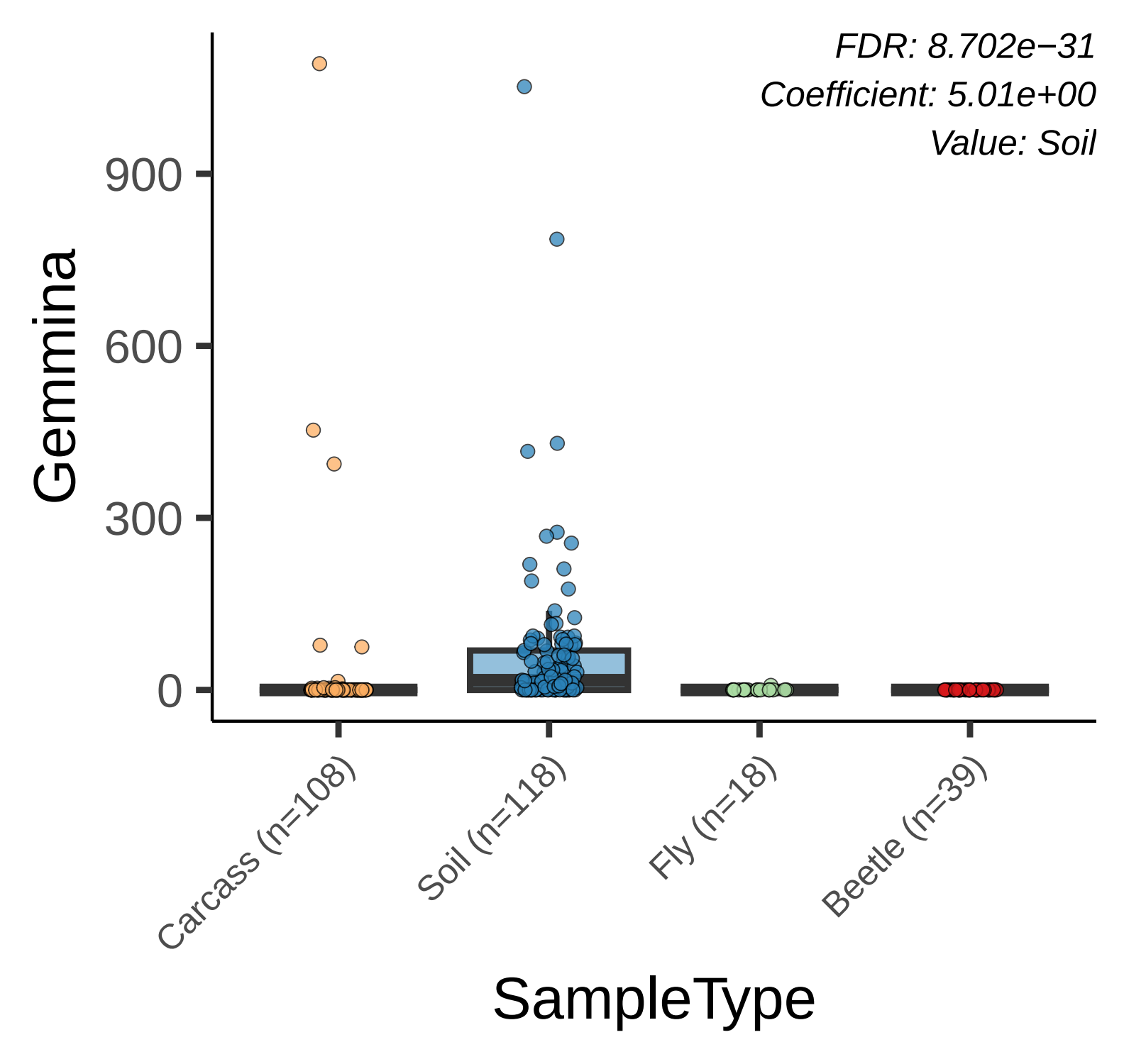

FDR: 3.098e−32
Coefficient: 6.01e+00
Value: Soil
Humicola
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

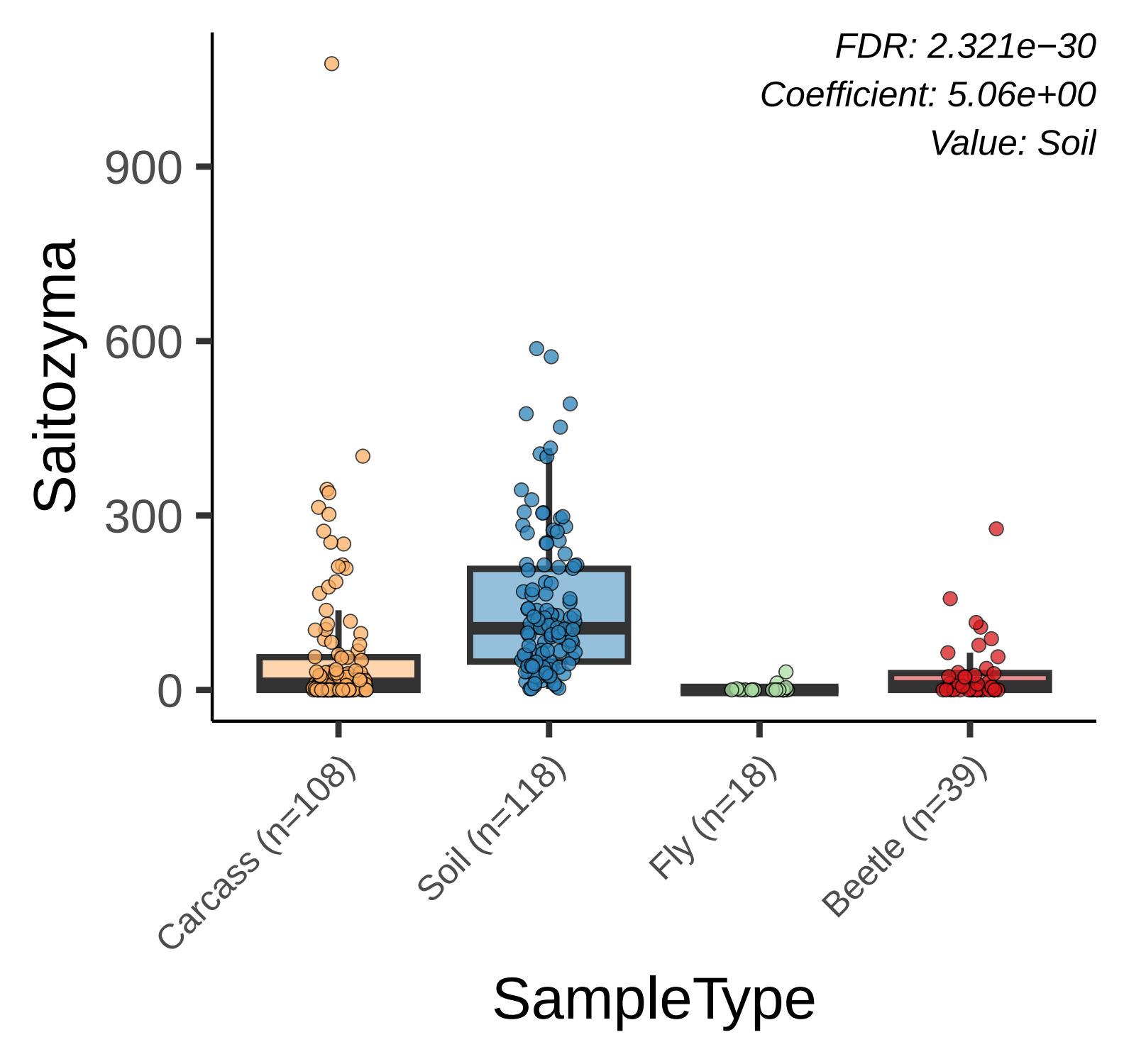

FDR: 7.573e−32
Coefficient: 6.47e+00
Value: Soil
Mortierella
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

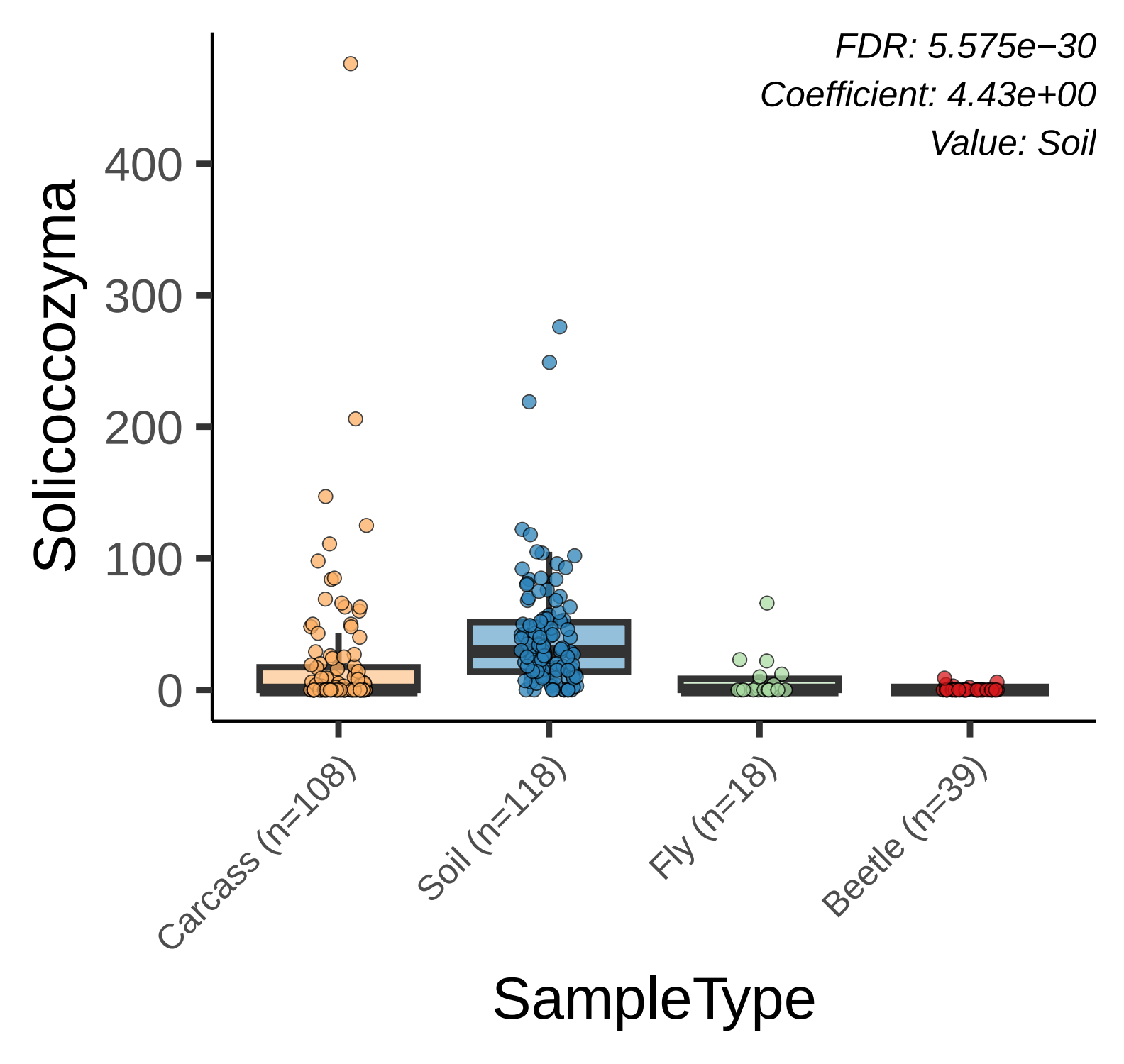

FDR: 1.824e−31
Coefficient: 3.97e+00
Value: Soil
Metarhizium
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

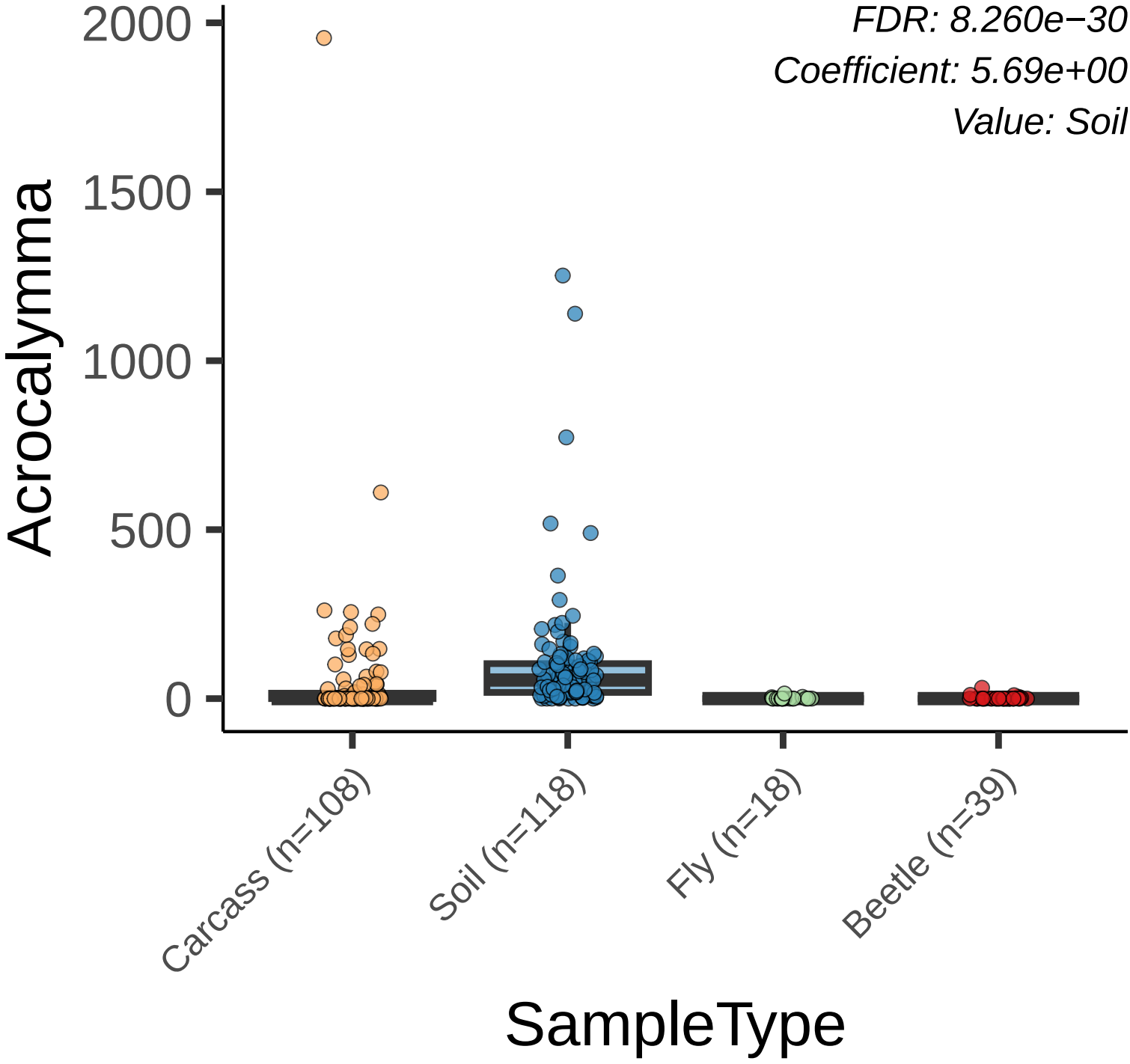

FDR: 2.538e−31
Coefficient: 4.21e+00
Value: Soil
Thelonectria
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

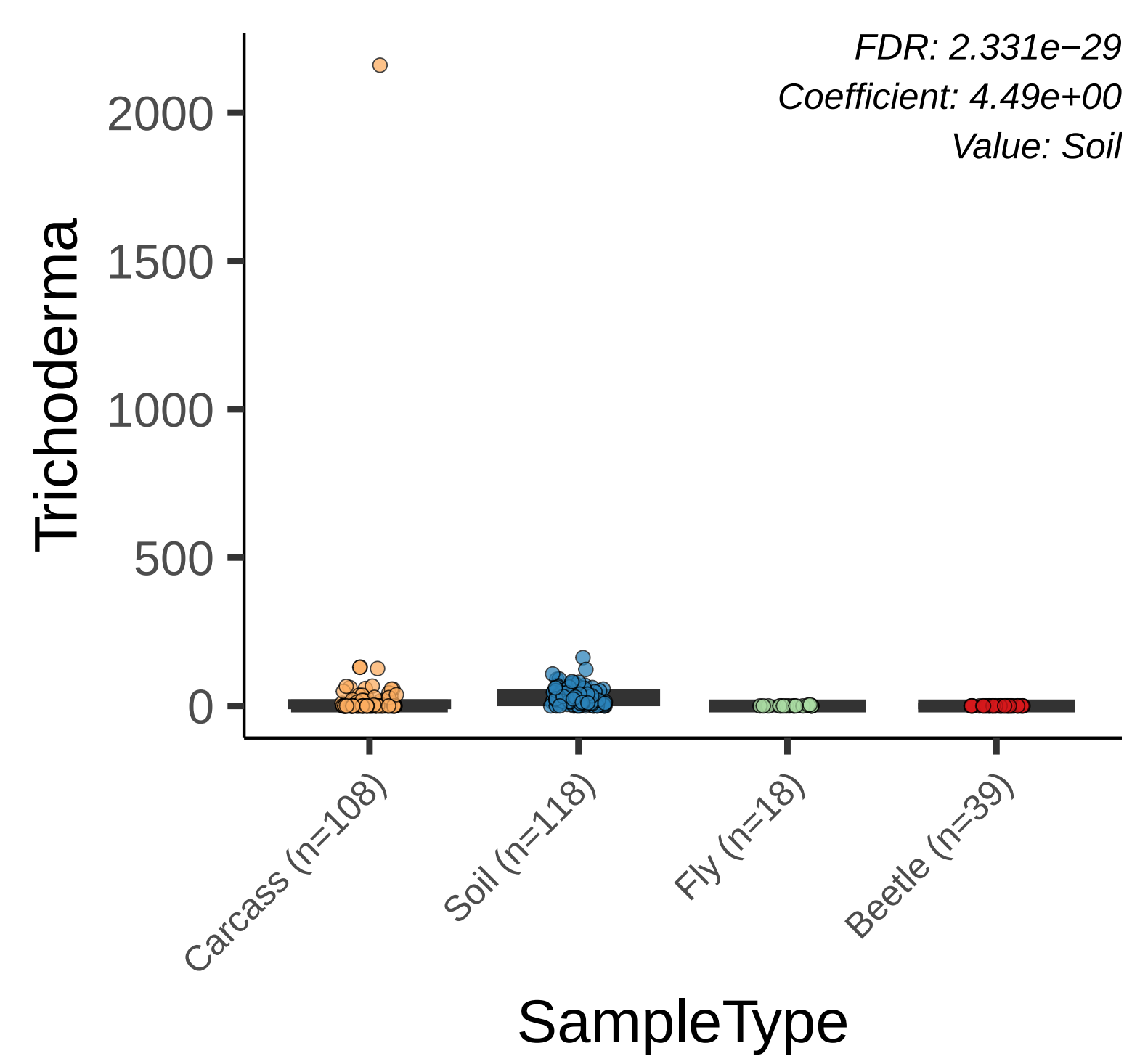

FDR: 6.527e−31
Coefficient: 3.86e+00
Value: Soil
Atractiella
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

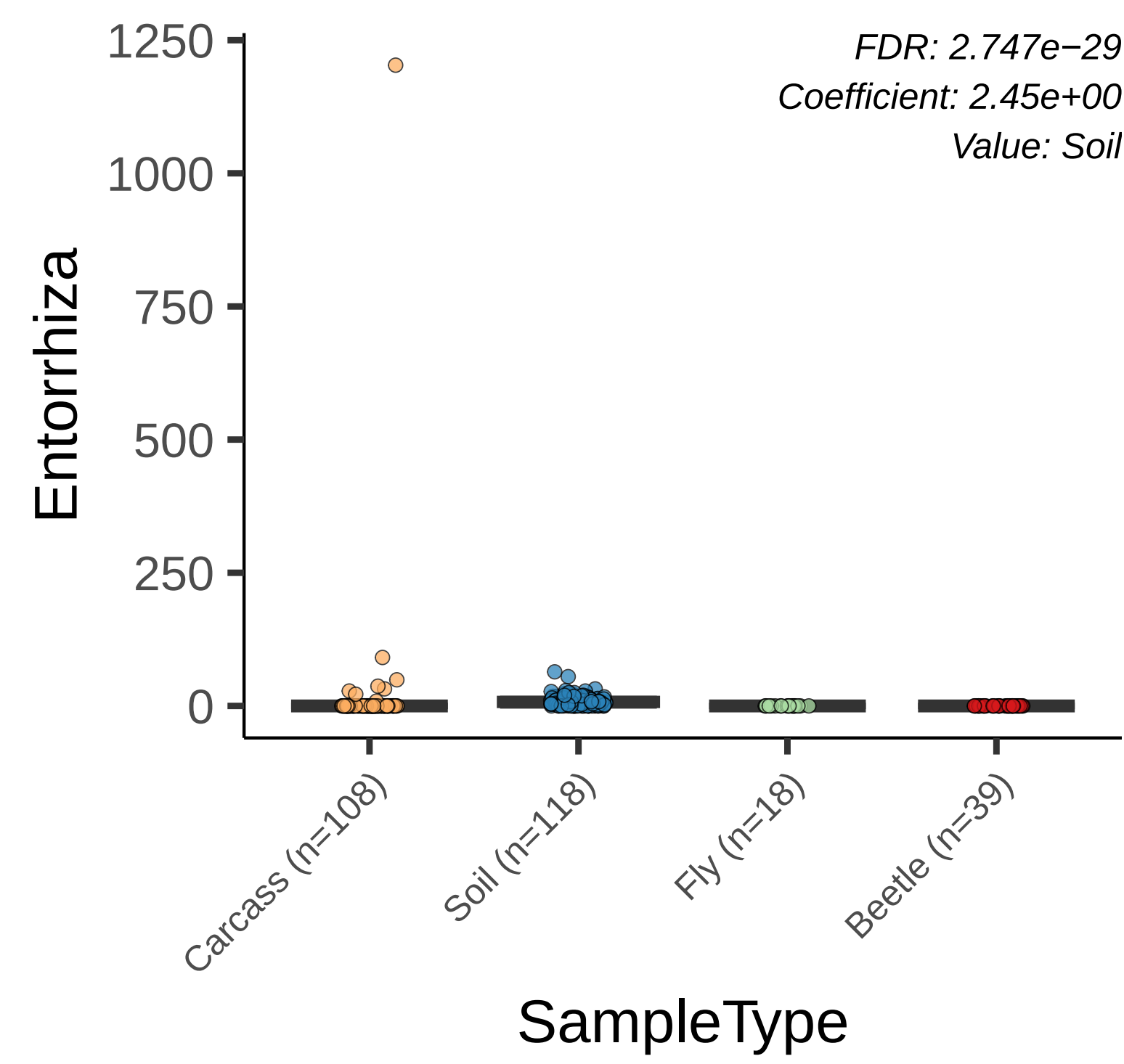

FDR: 8.702e−31
Coefficient: 5.01e+00
Value: Soil
Gemmina
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

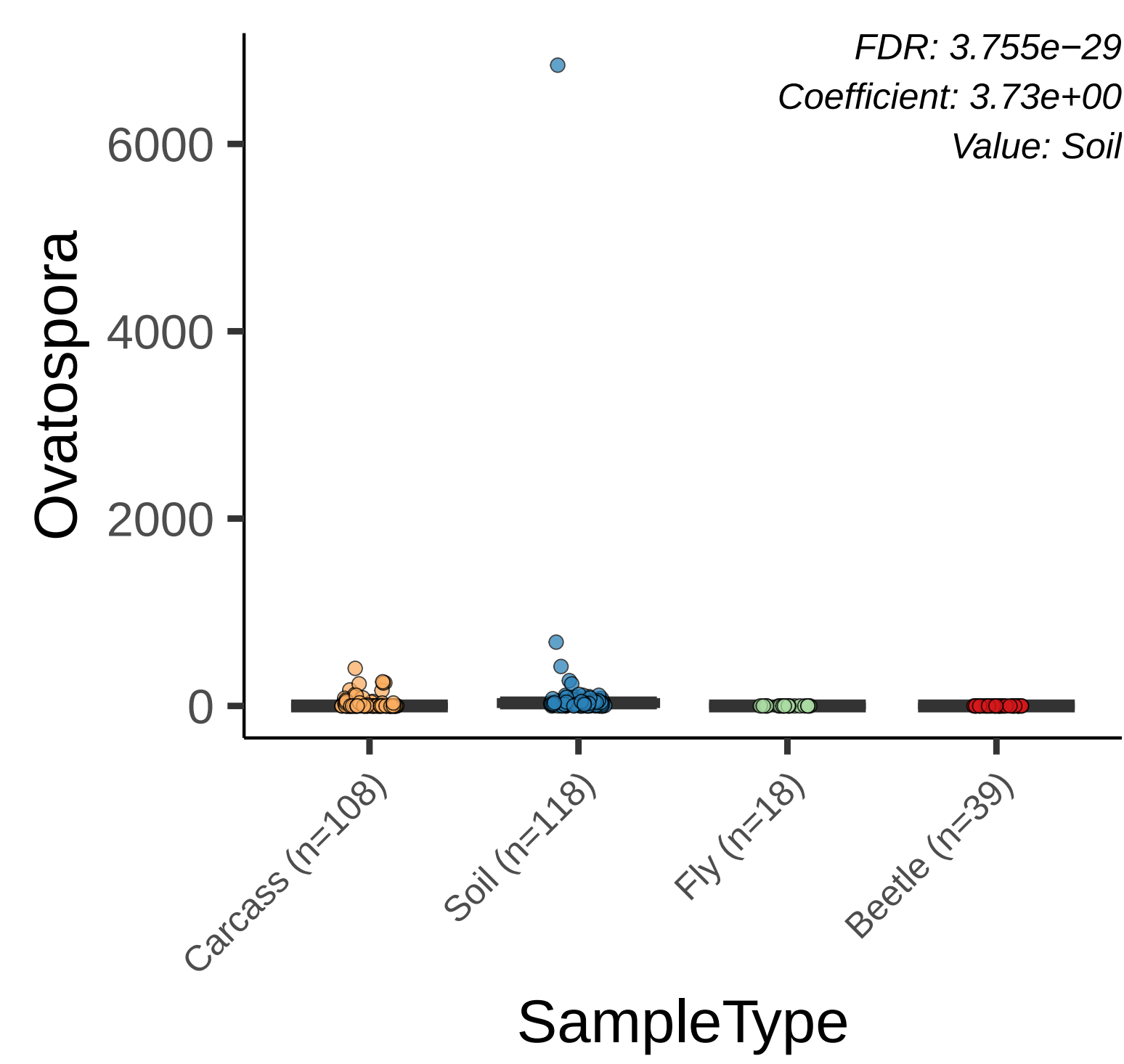

FDR: 2.321e−30
Coefficient: 5.06e+00
Value: Soil
Saitozyma
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

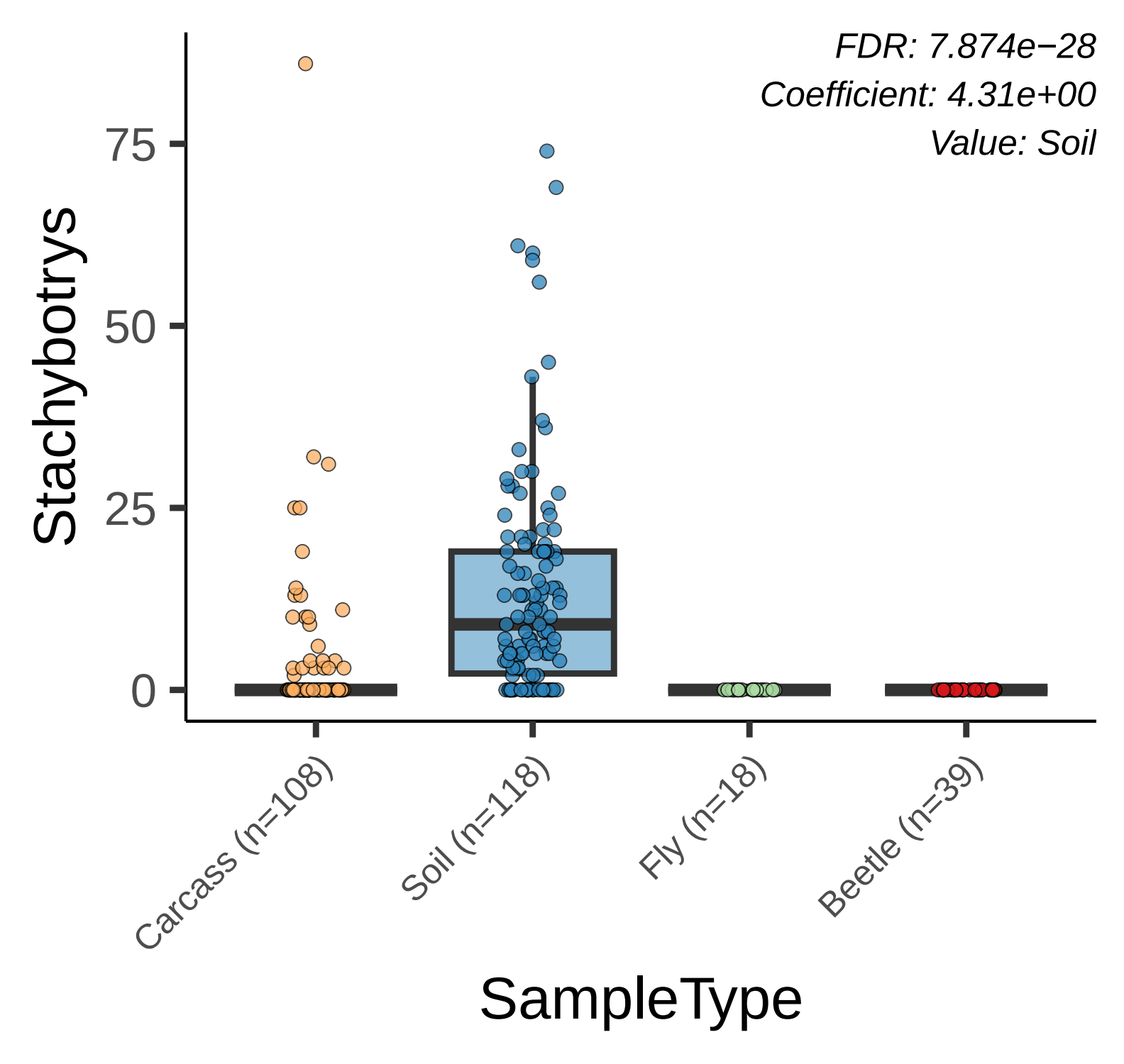

FDR: 5.575e−30
Coefficient: 4.43e+00
Value: Soil
Solicoccozyma
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

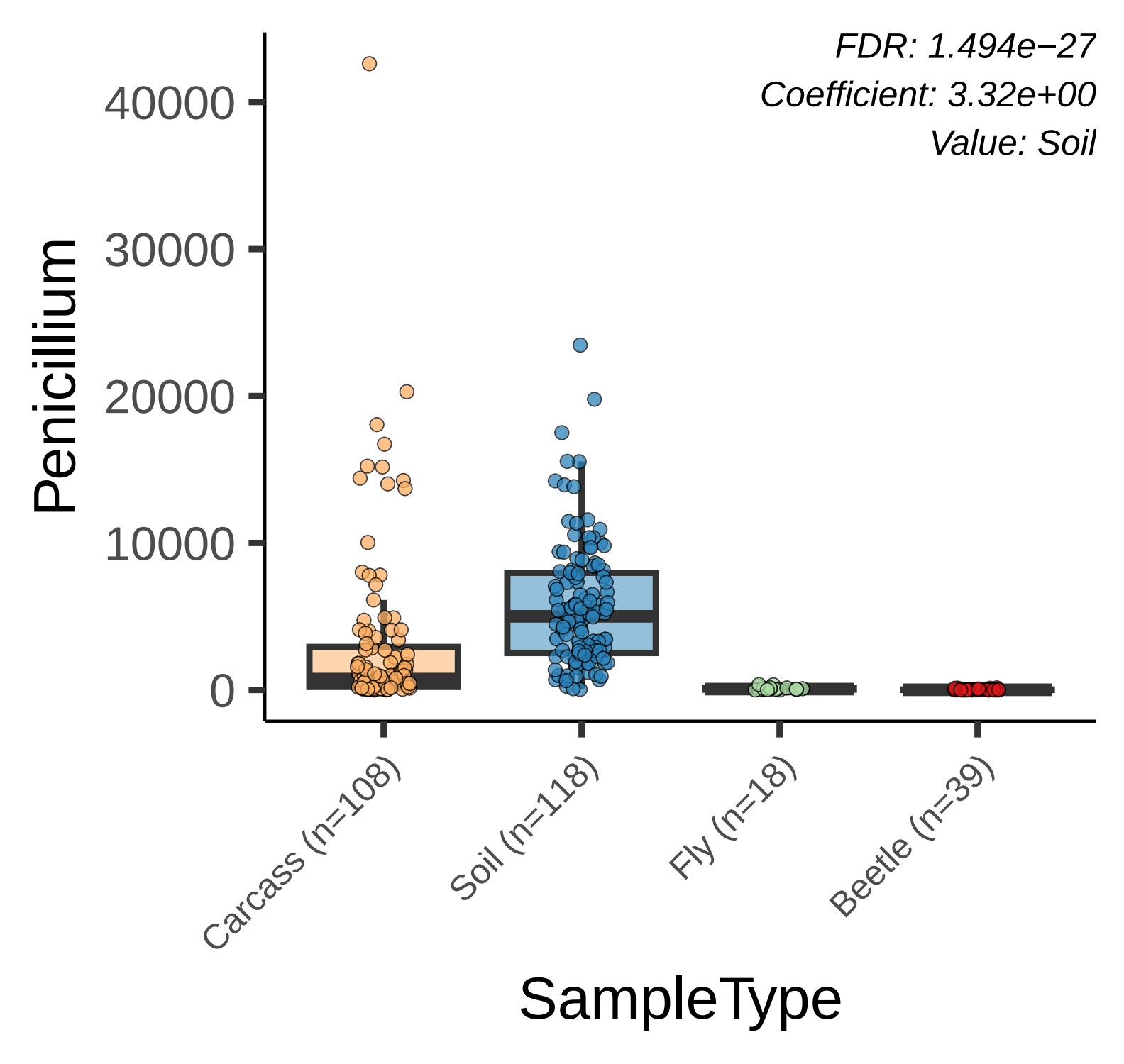

FDR: 8.260e−30
Coefficient: 5.69e+00
Value: Soil
Acrocalymma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

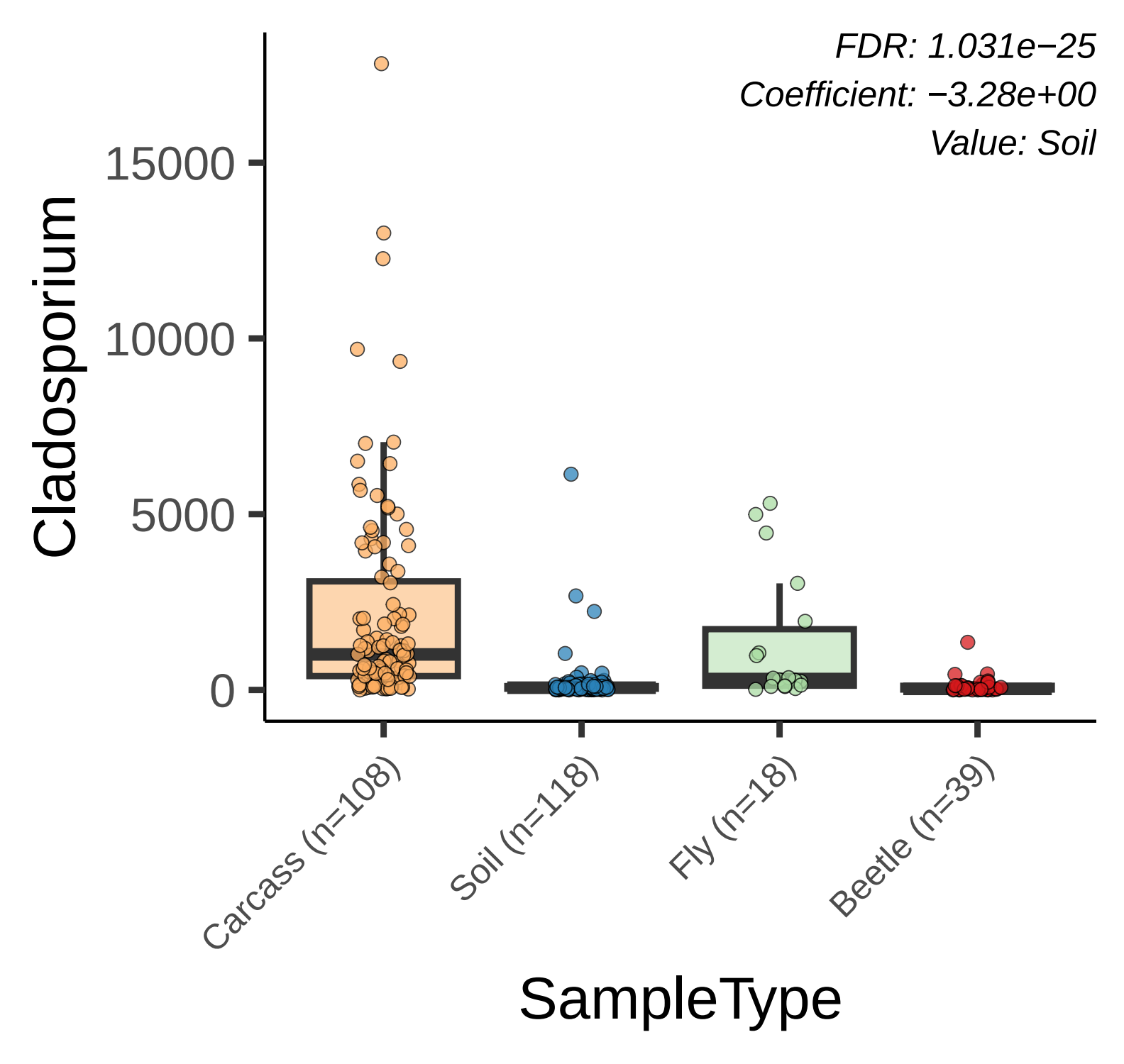

FDR: 2.331e−29
Coefficient: 4.49e+00
Value: Soil
Trichoderma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

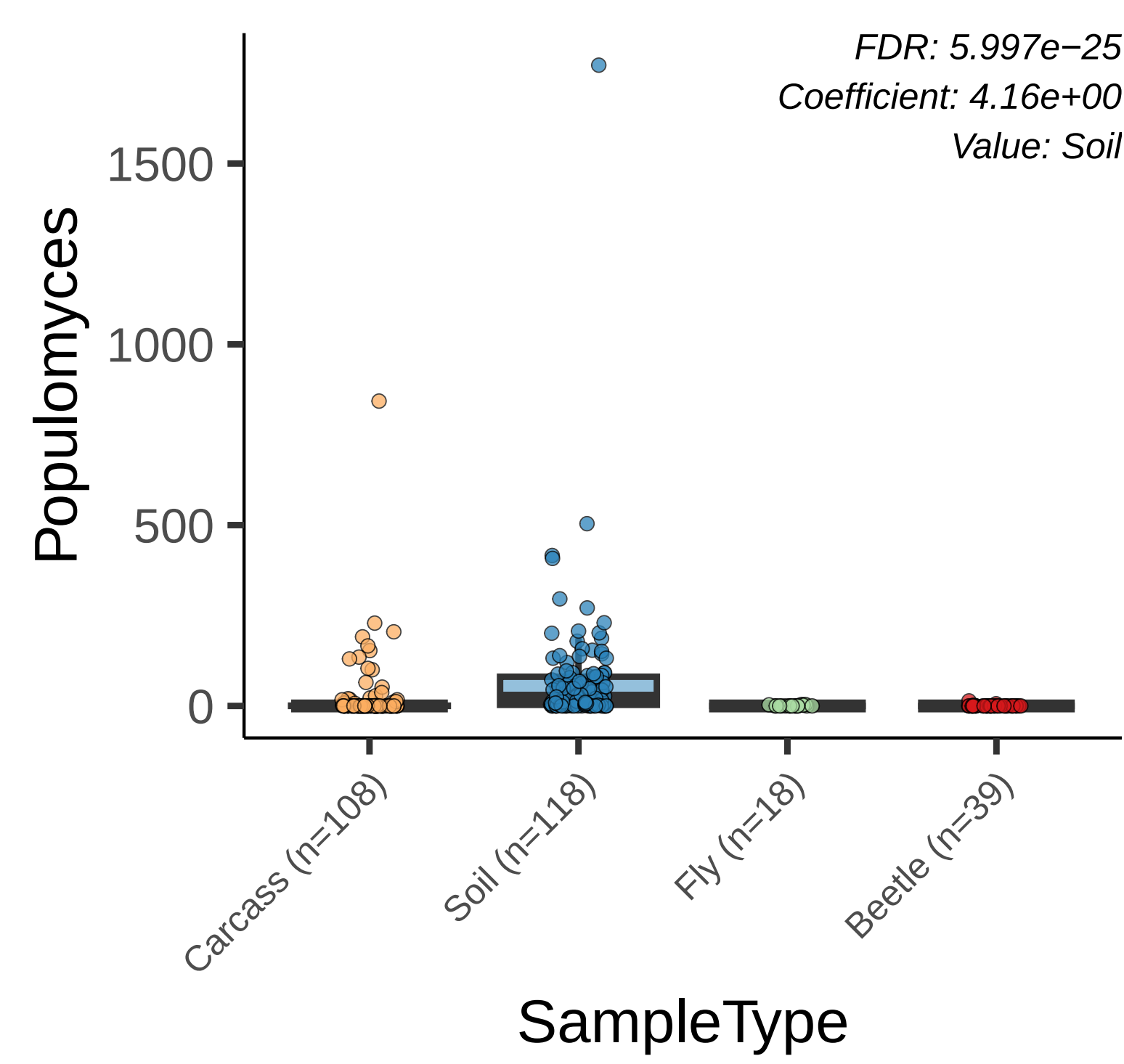

FDR: 2.747e−29
Coefficient: 2.45e+00
Value: Soil
Entorrhiza
1250
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

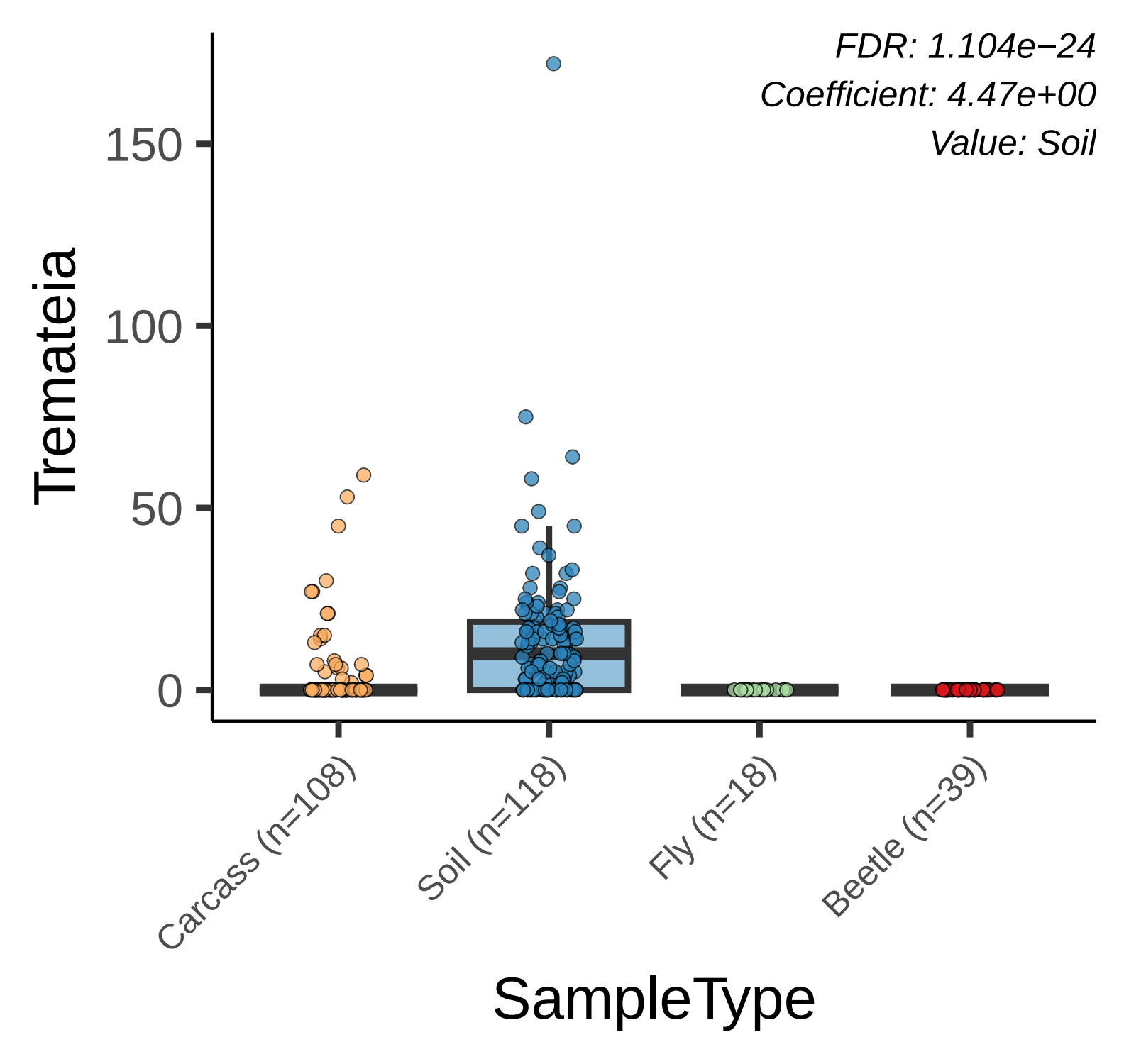

FDR: 3.755e−29
Coefficient: 3.73e+00
Value: Soil
Ovatospora
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

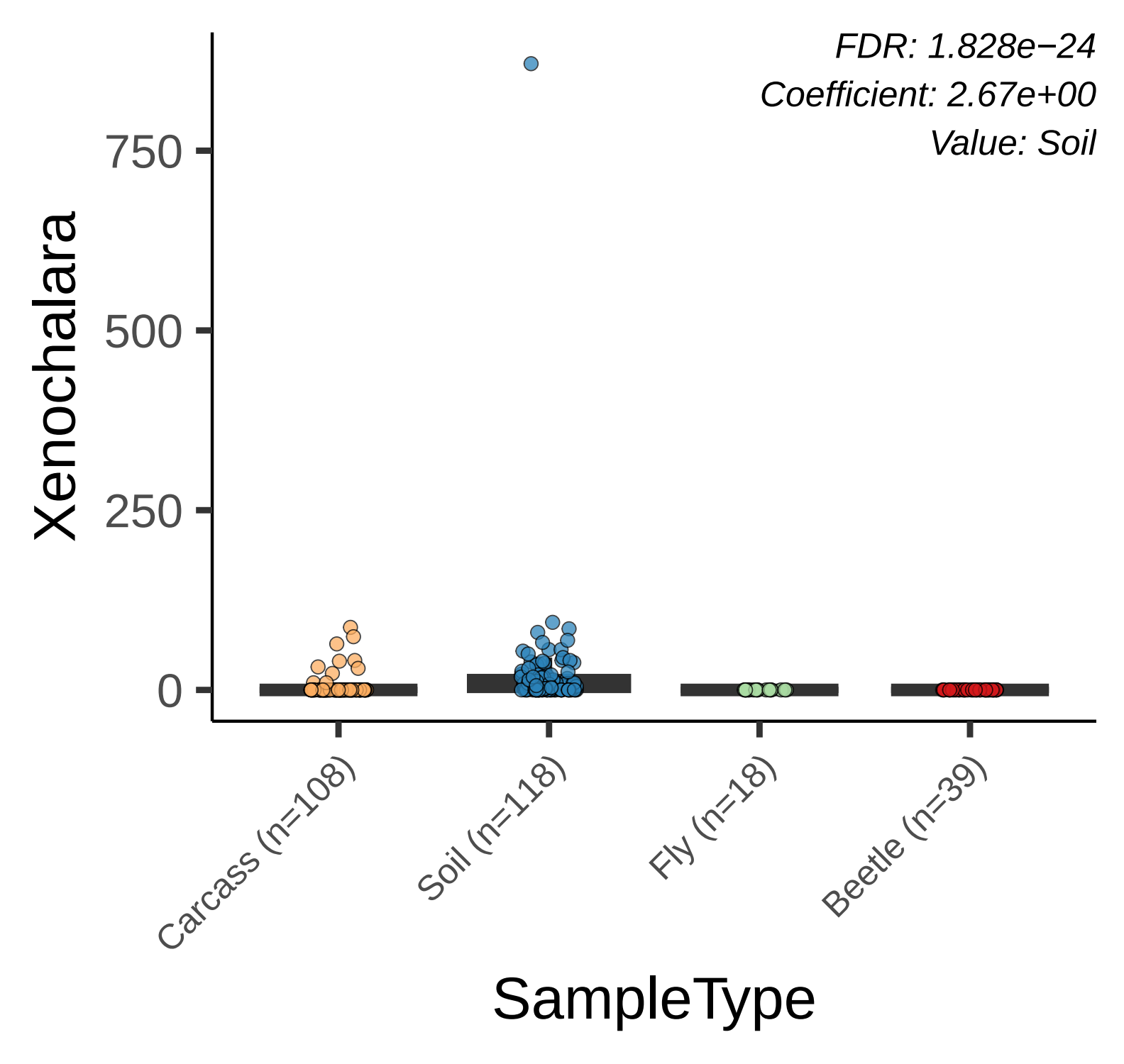

FDR: 7.874e−28
Coefficient: 4.31e+00
Value: Soil
Stachybotrys
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

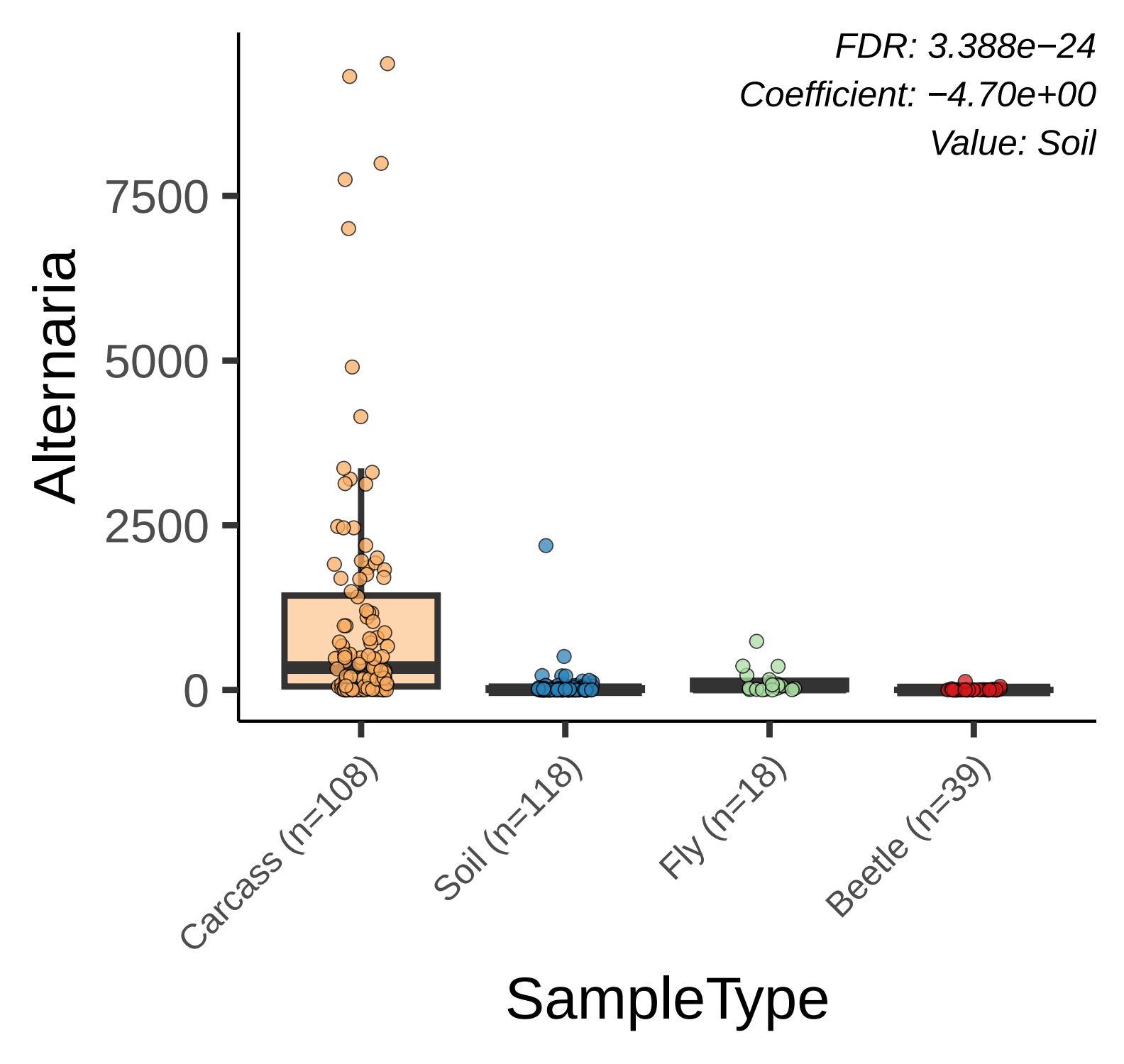

FDR: 1.494e−27
Coefficient: 3.32e+00
Value: Soil
Penicillium
40000
30000
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

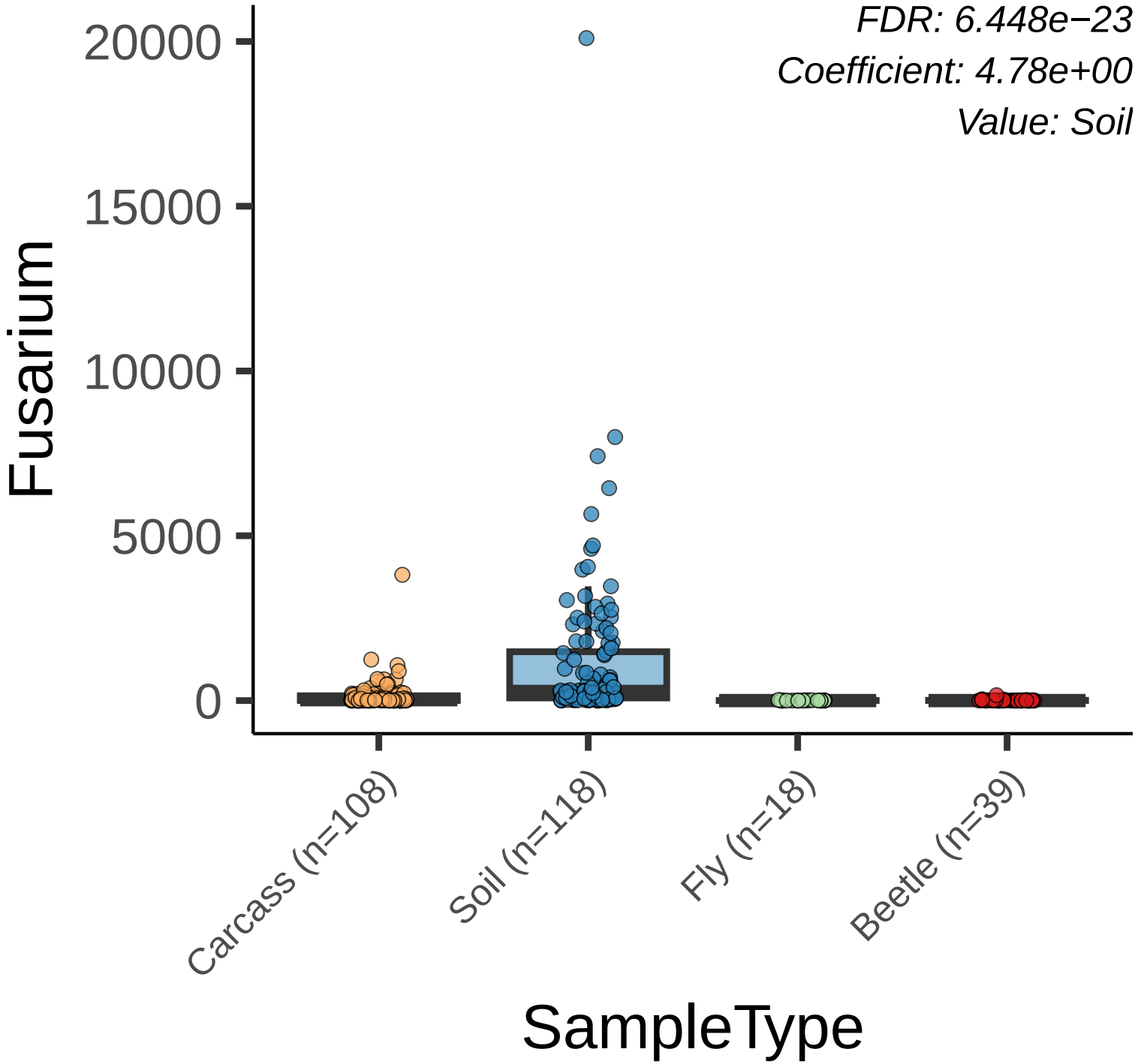

FDR: 1.031e−25
Coefficient: −3.28e+00
Value: Soil
Cladosporium
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

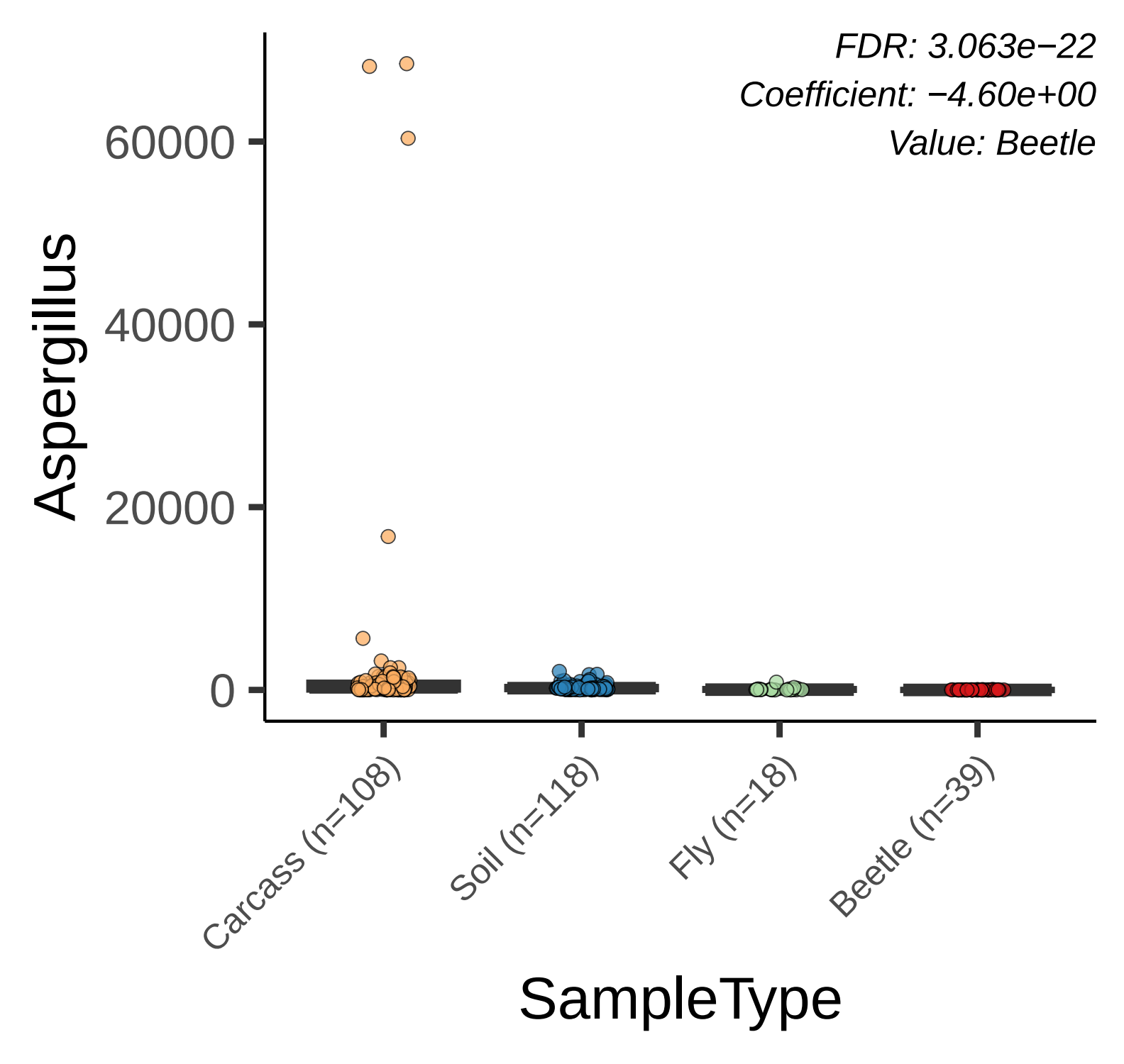

FDR: 5.997e−25
Coefficient: 4.16e+00
Value: Soil
Populomyces
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

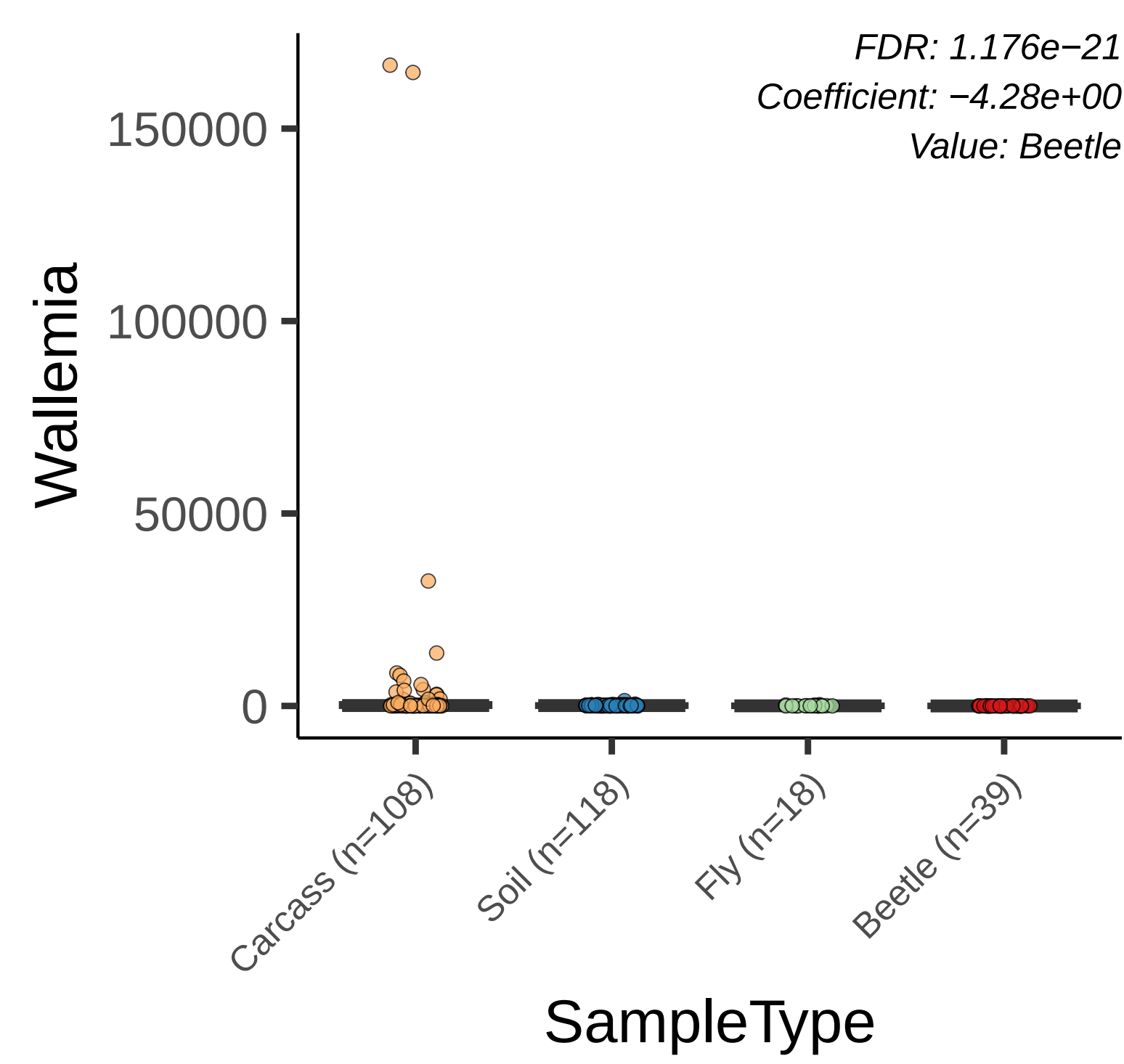

FDR: 1.104e−24
Coefficient: 4.47e+00
Value: Soil
Trematei
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

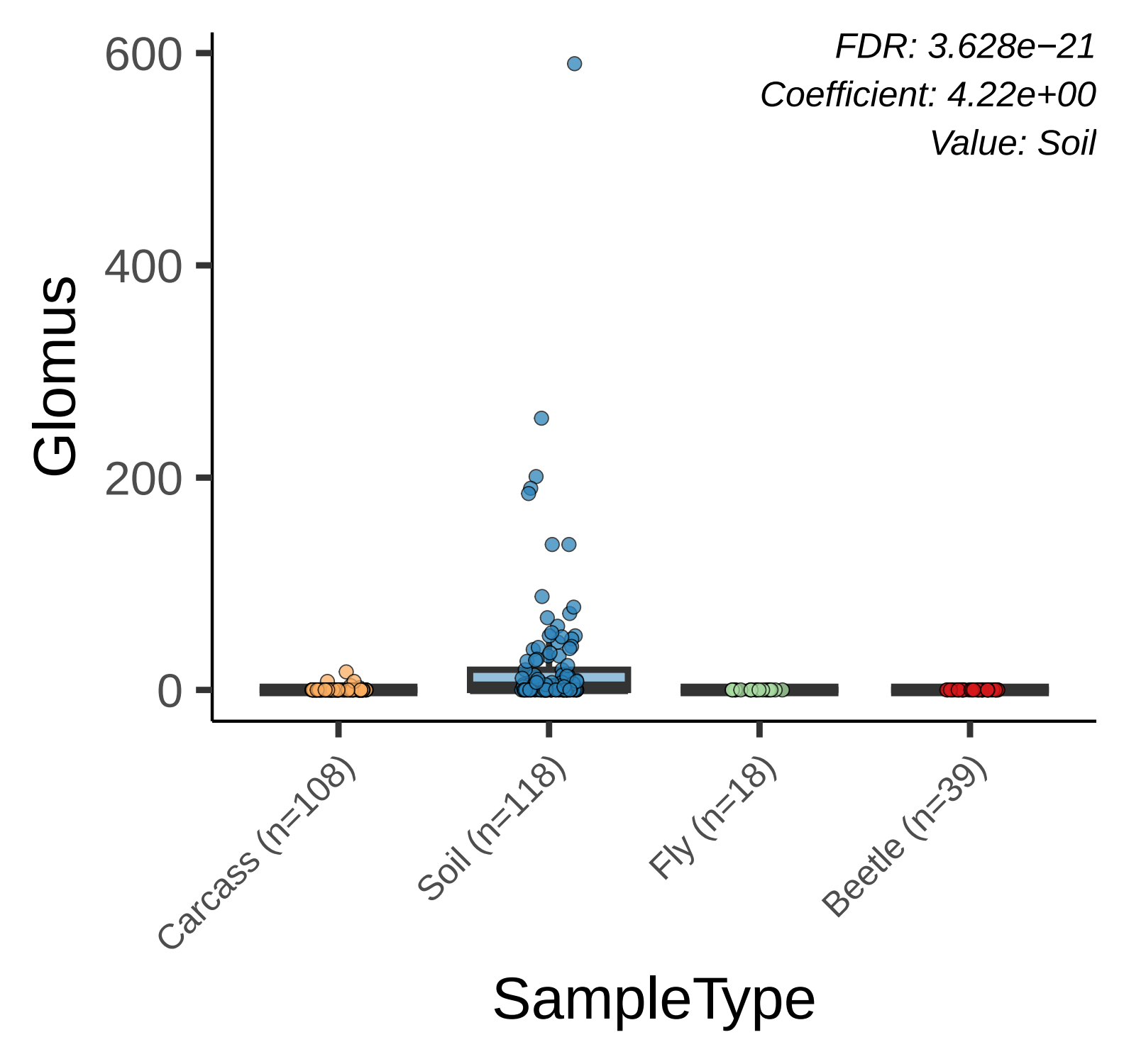

FDR: 1.828e−24
Coefficient: 2.67e+00
Value: Soil
Xenochalara
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

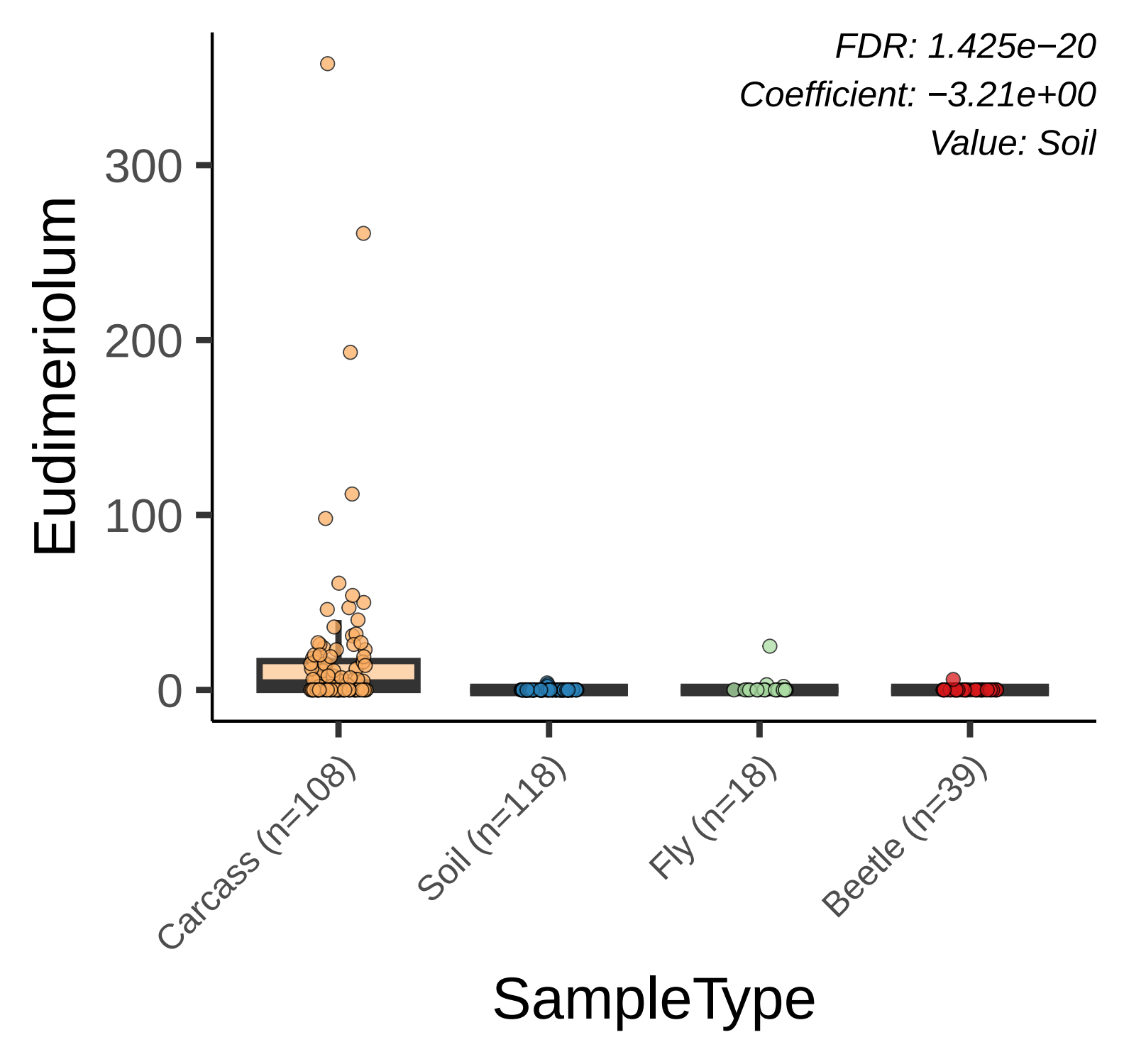

FDR: 3.388e−24
Coefficient: −4.70e+00
Value: Soil
Alternaria
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

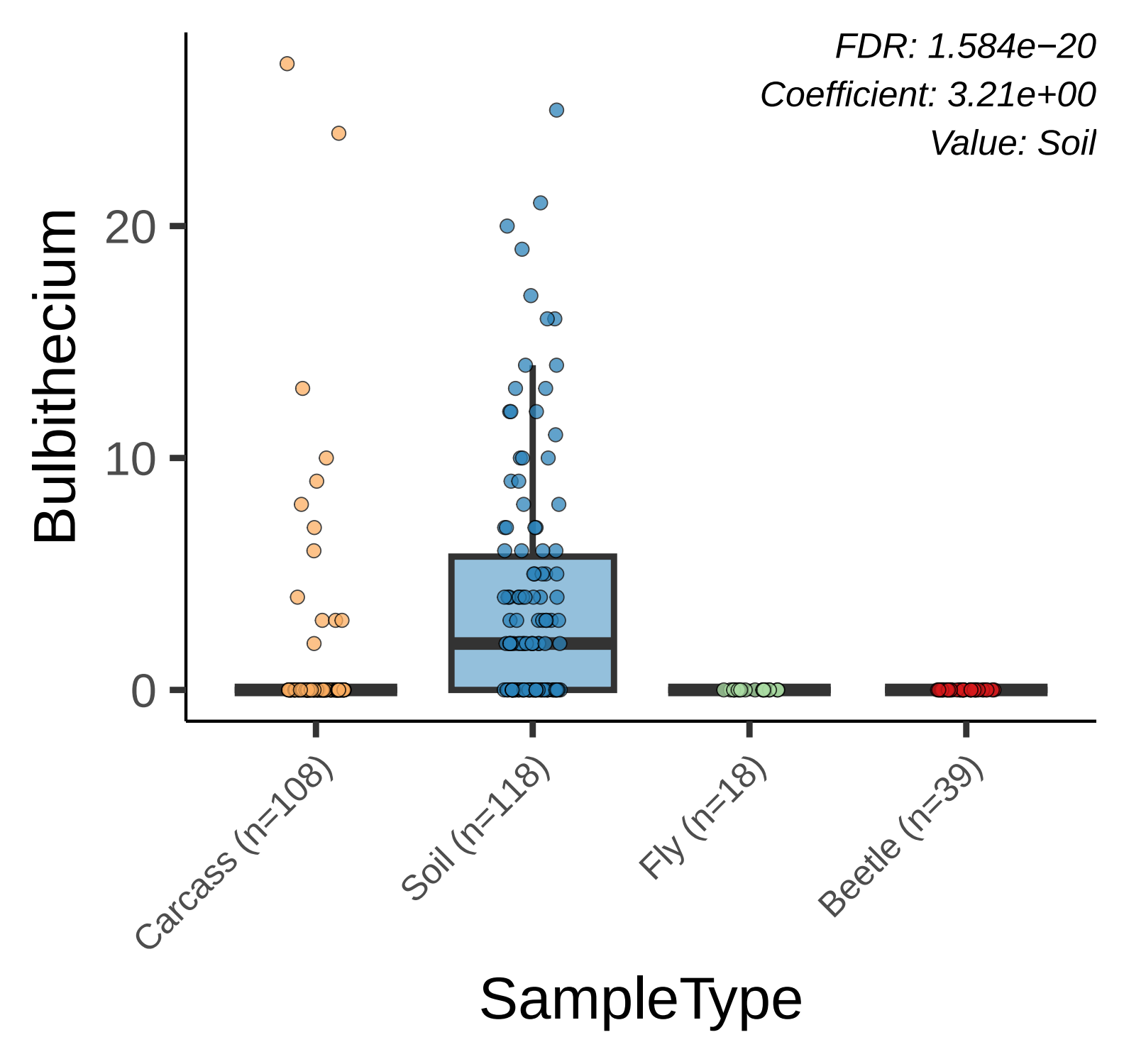

FDR: 6.448e−23
Coefficient: 4.78e+00
Value: Soil
Fusarium
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

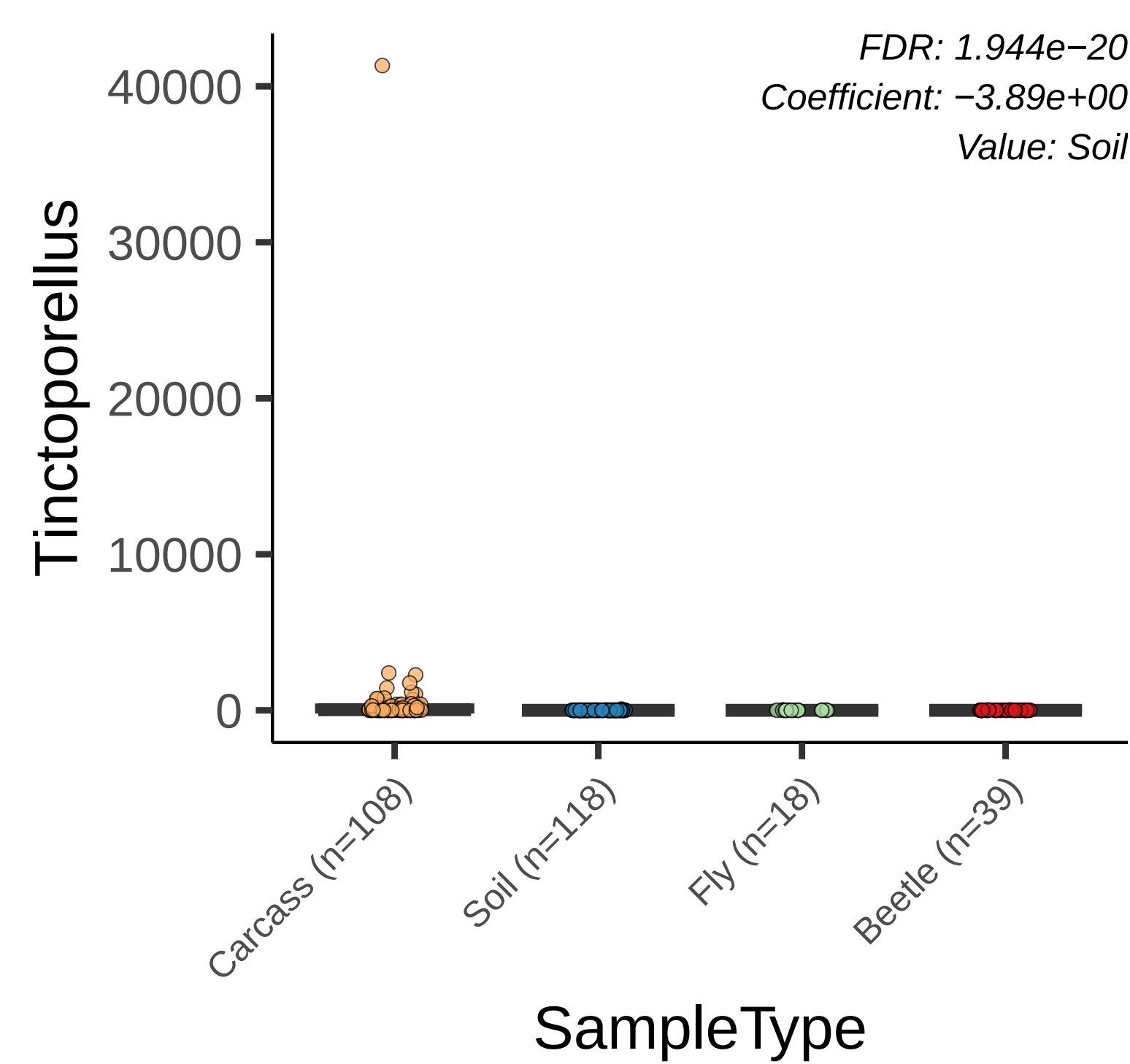

FDR: 3.063e−22
Coefficient: −4.60e+00
Value: Beetle
Aspergillus
60000
40000
20000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

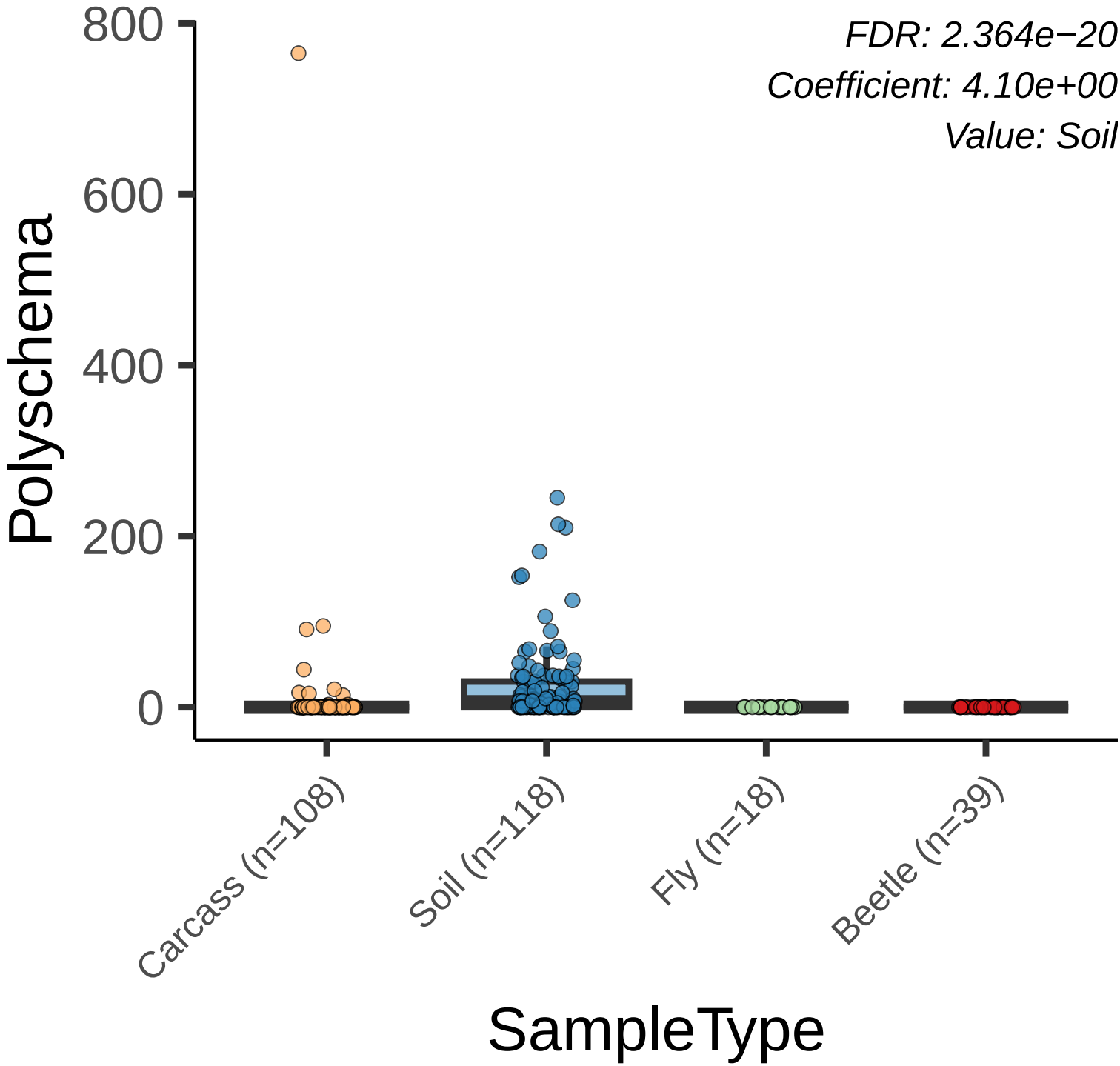

FDR: 1.176e−21
Coefficient: −4.28e+00
Value: Beetle
Wallemia
150000
100000
50000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

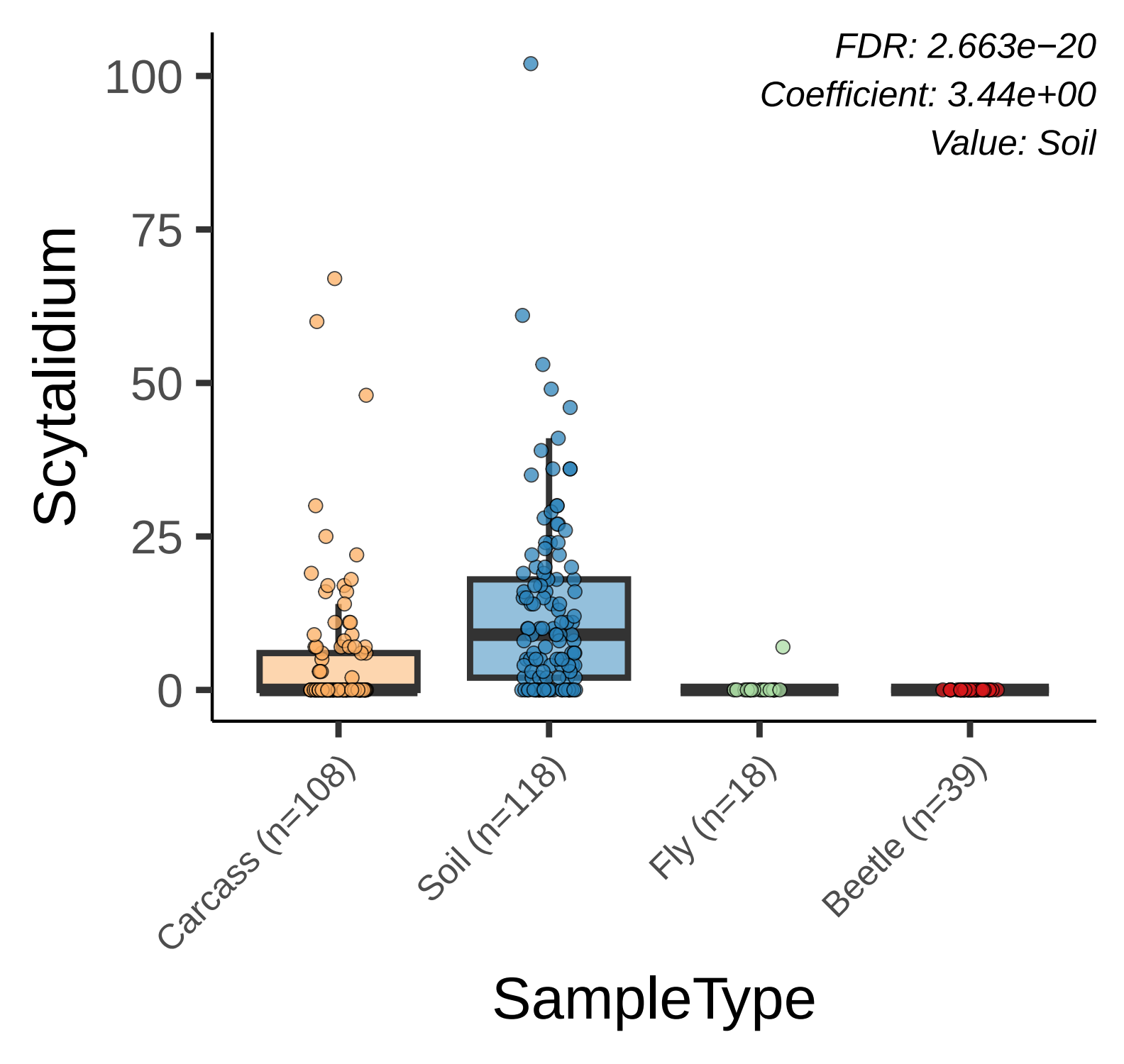

FDR: 3.628e−21
Coefficient: 4.22e+00
Value: Soil
Glomus
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

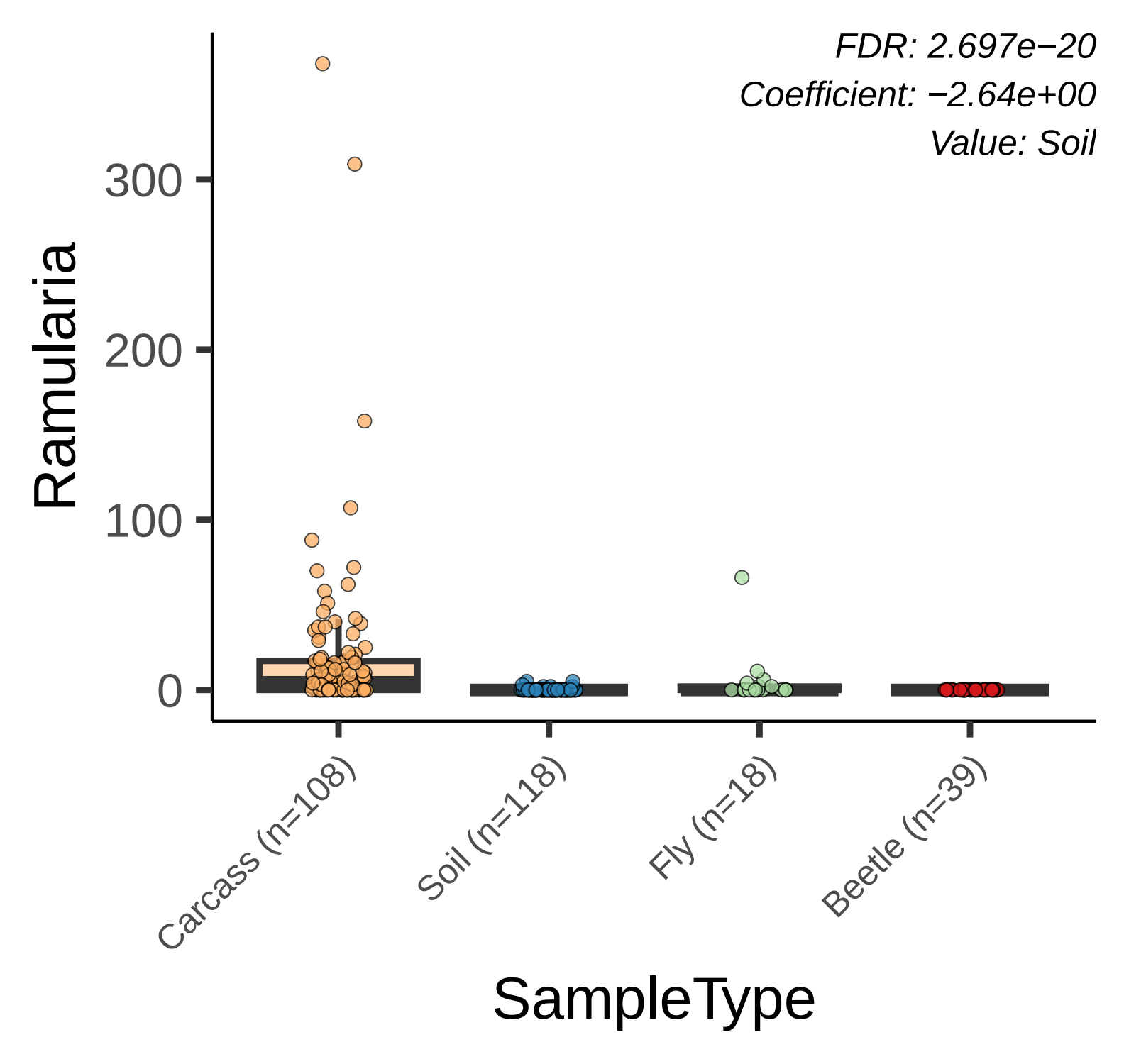

FDR: 1.425e−20
Coefficient: −3.21e+00
Value: Soil
Eudimeriolum
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

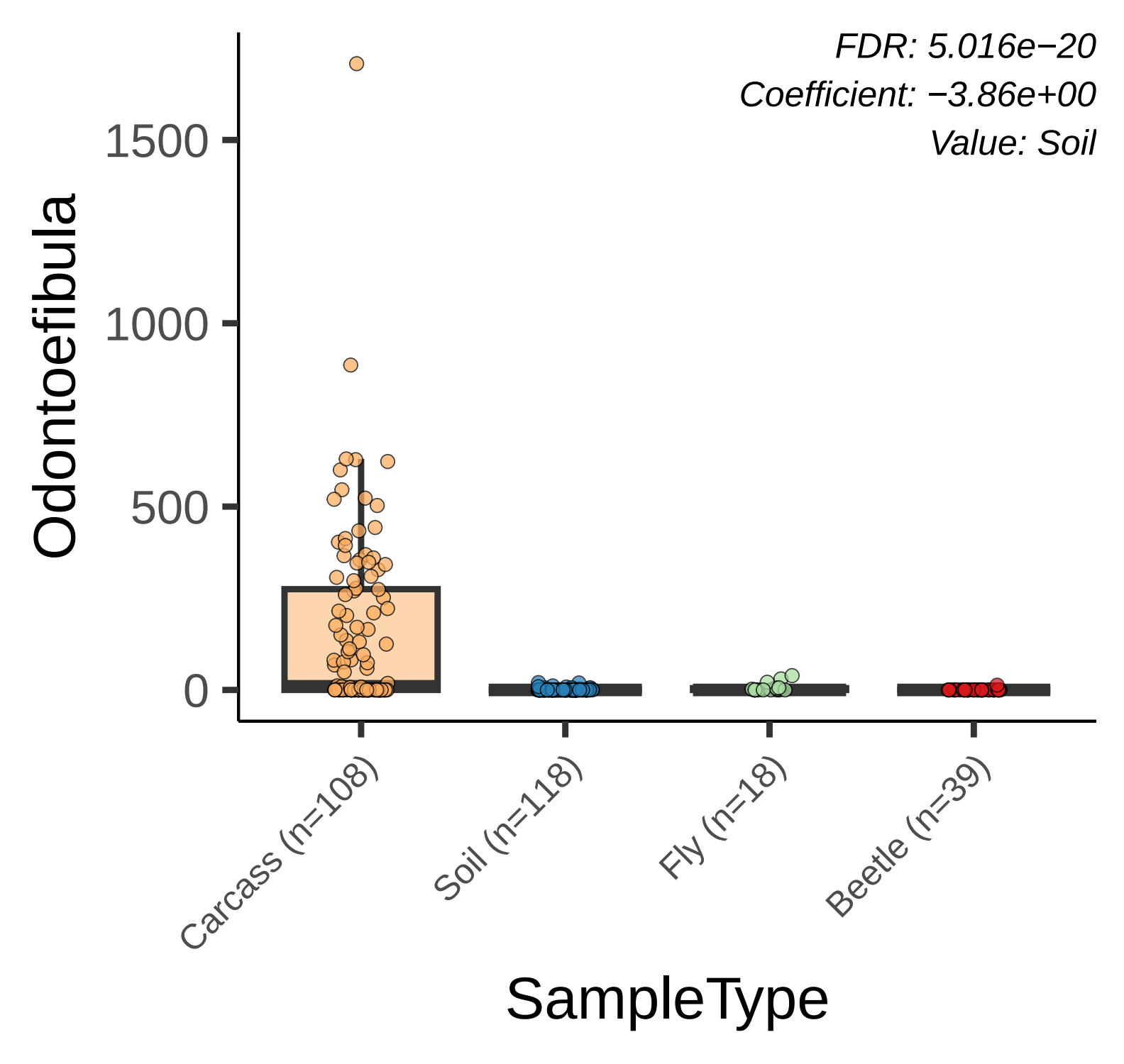

FDR: 1.584e−20
Coefficient: 3.21e+00
Value: Soil
Bulbithecium
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

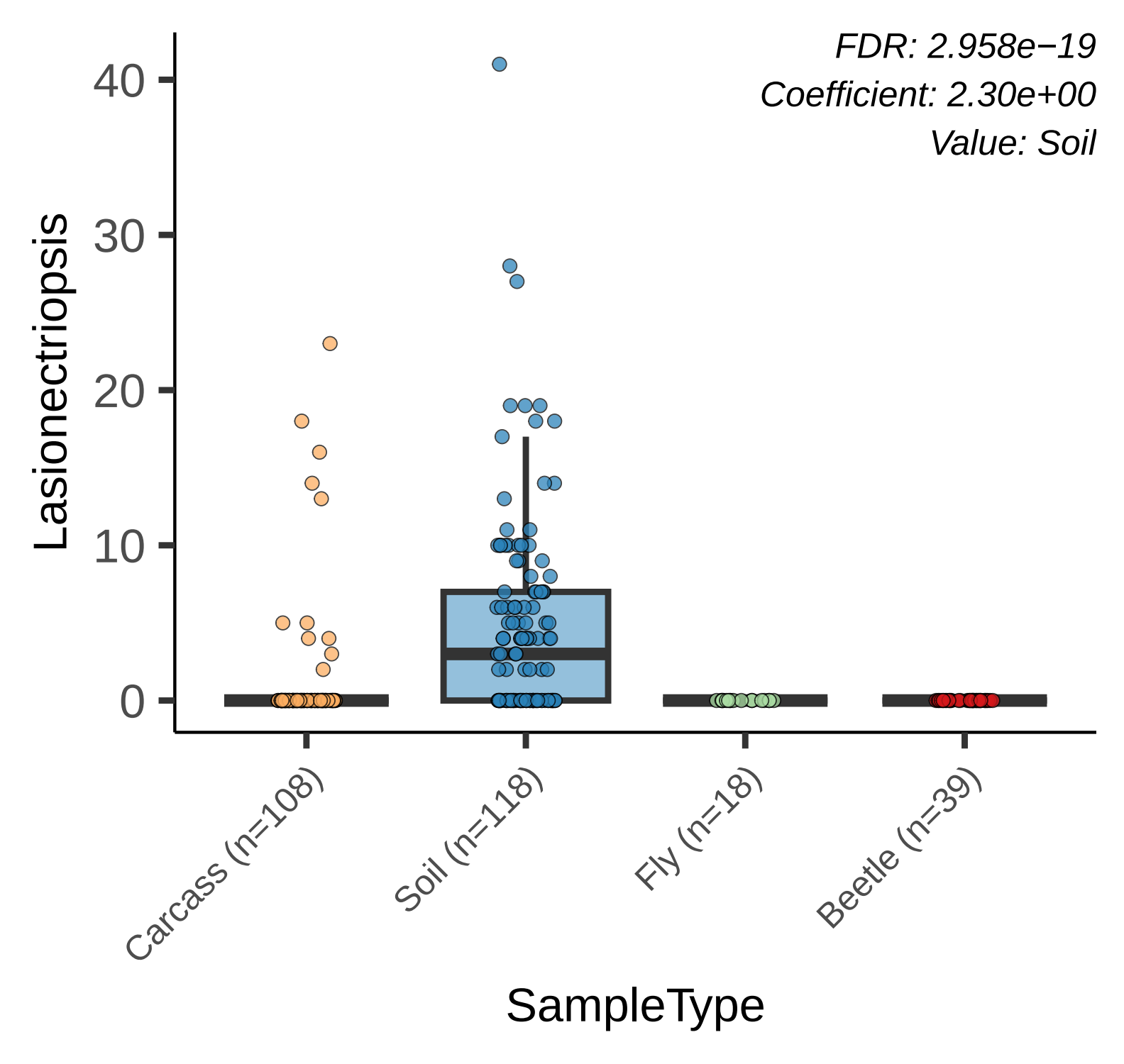

FDR: 1.944e−20
Coefficient: −3.89e+00
Value: Soil
Tinctoporellus
40000
30000
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

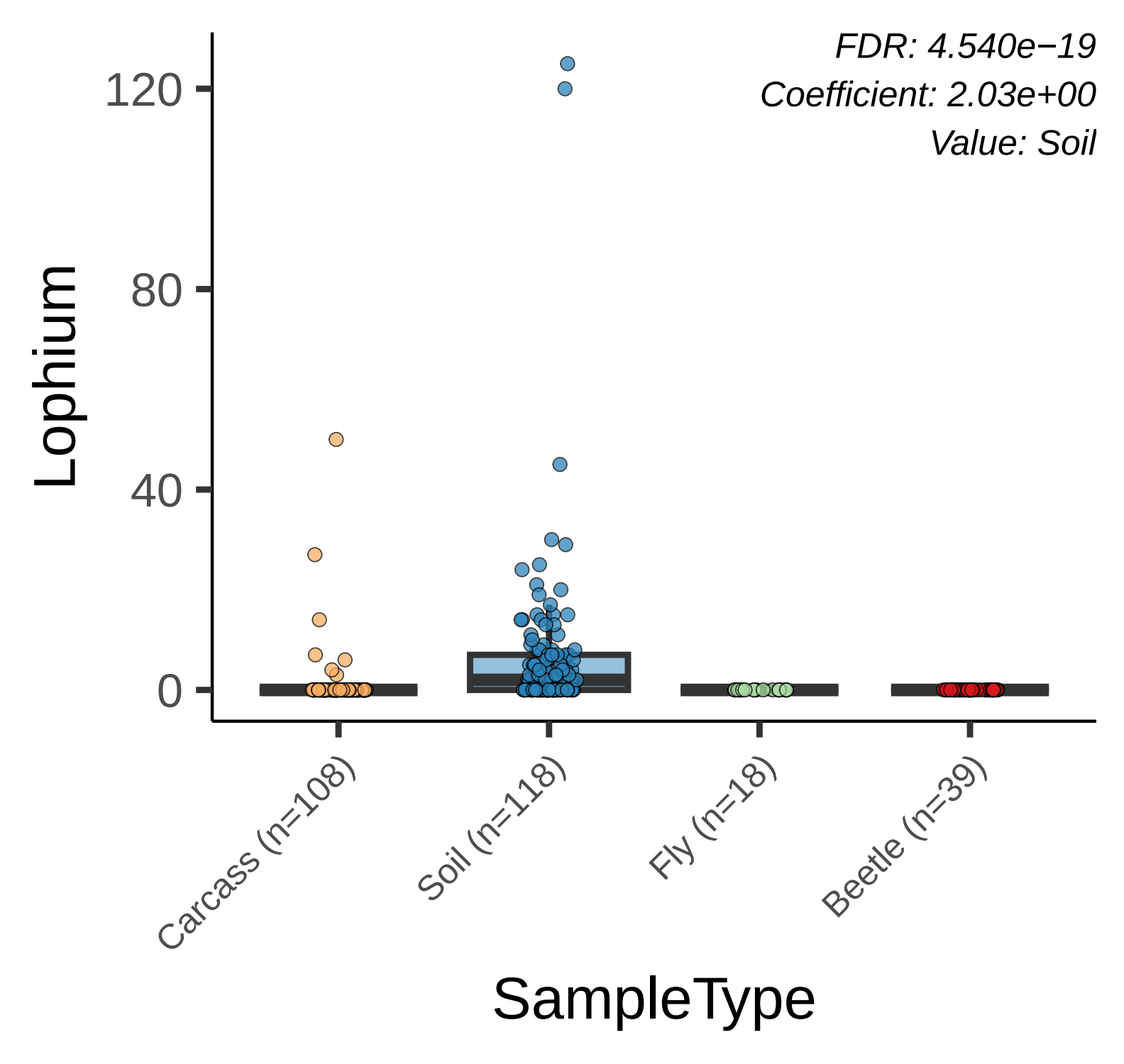

FDR: 2.364e−20
Coefficient: 4.10e+00
Value: Soil
Polyschema
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

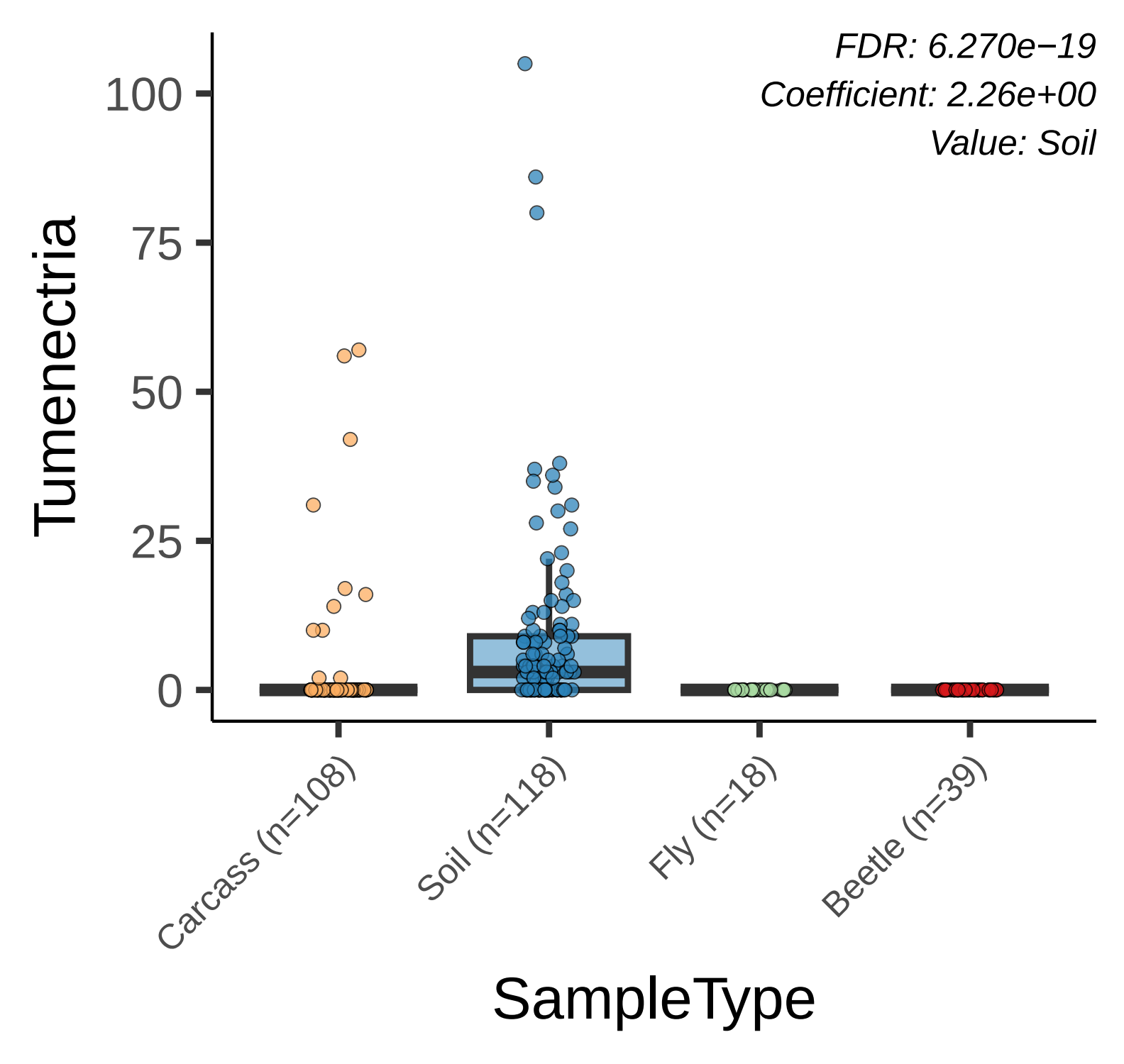

FDR: 2.663e−20
Coefficient: 3.44e+00
Value: Soil
Scytalidium
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

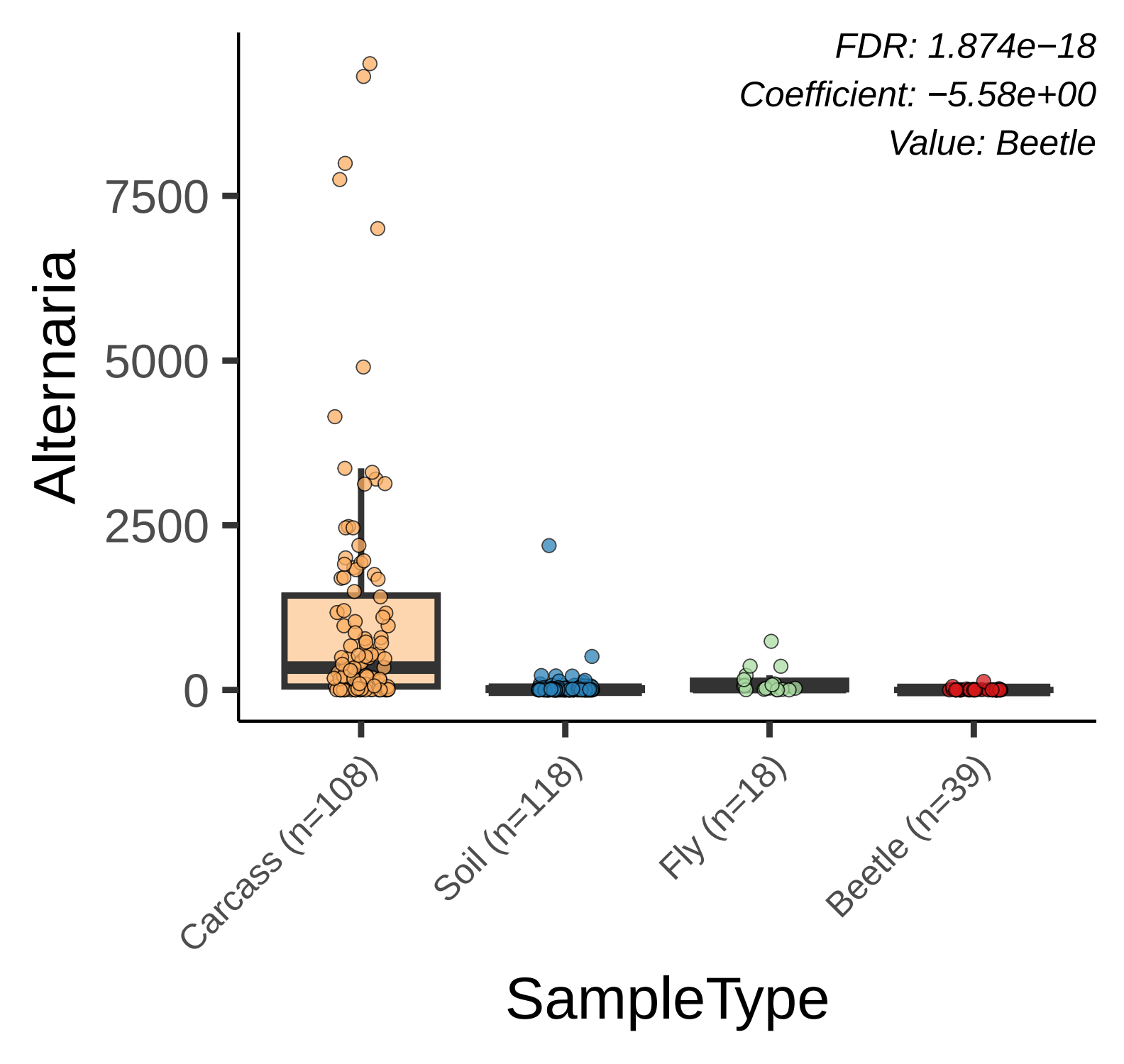

FDR: 2.697e−20
Coefficient: −2.64e+00
Value: Soil
Ramularia
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

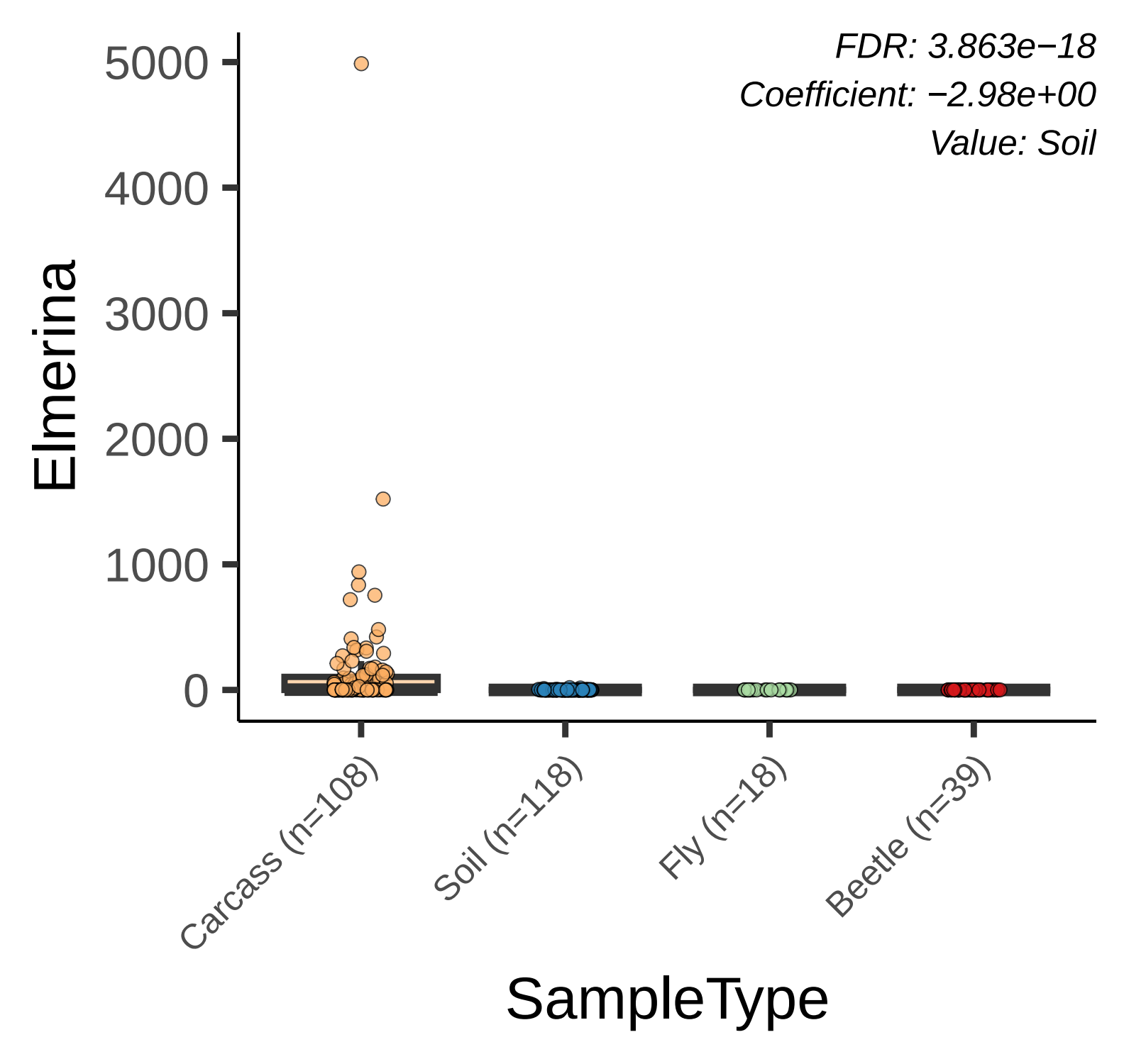

FDR: 5.016e−20
Coefficient: −3.86e+00
Value: Soil
Odontoefibula
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

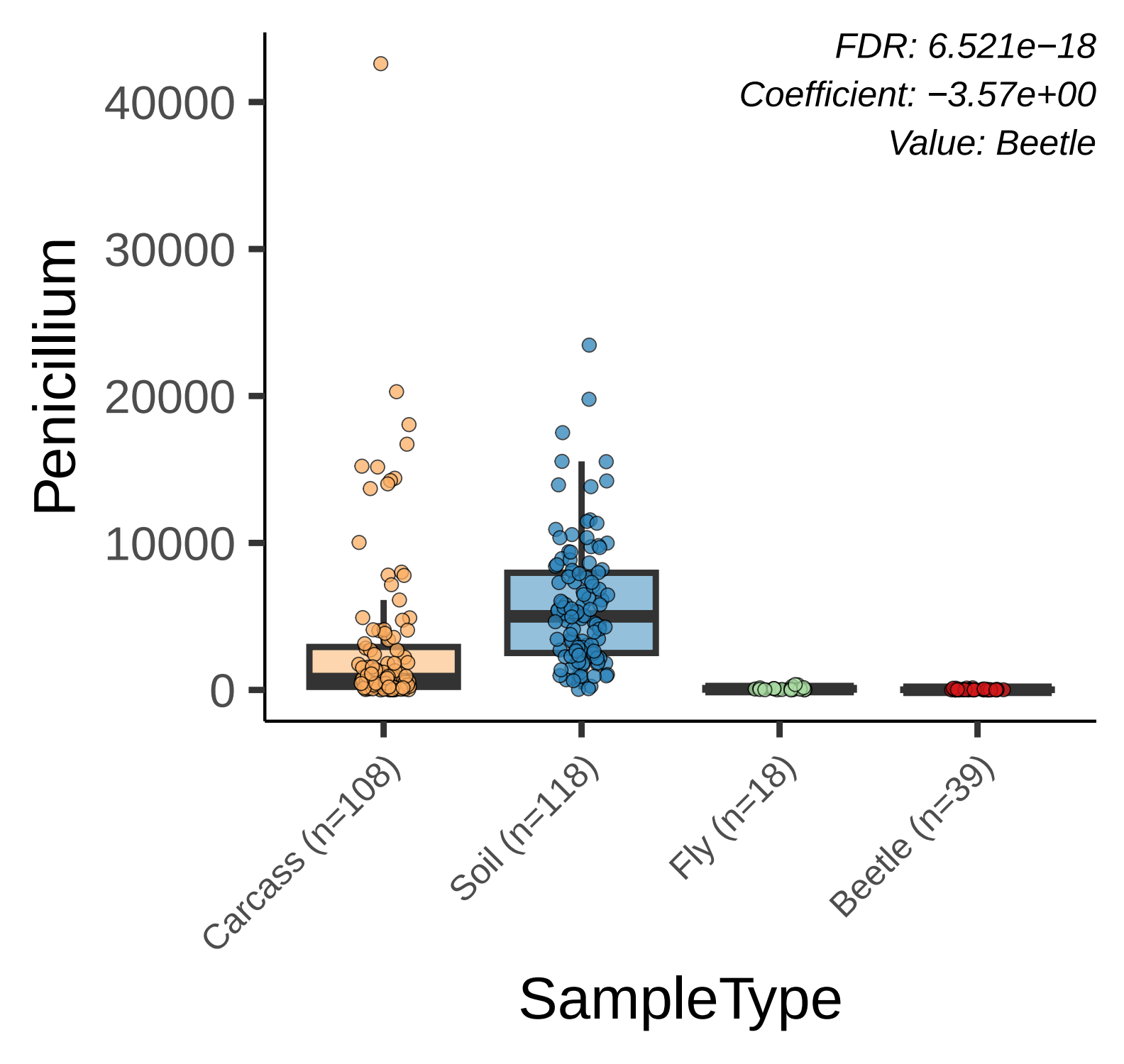

FDR: 2.958e−19
Coefficient: 2.30e+00
Value: Soil
Lasionectriopsis
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

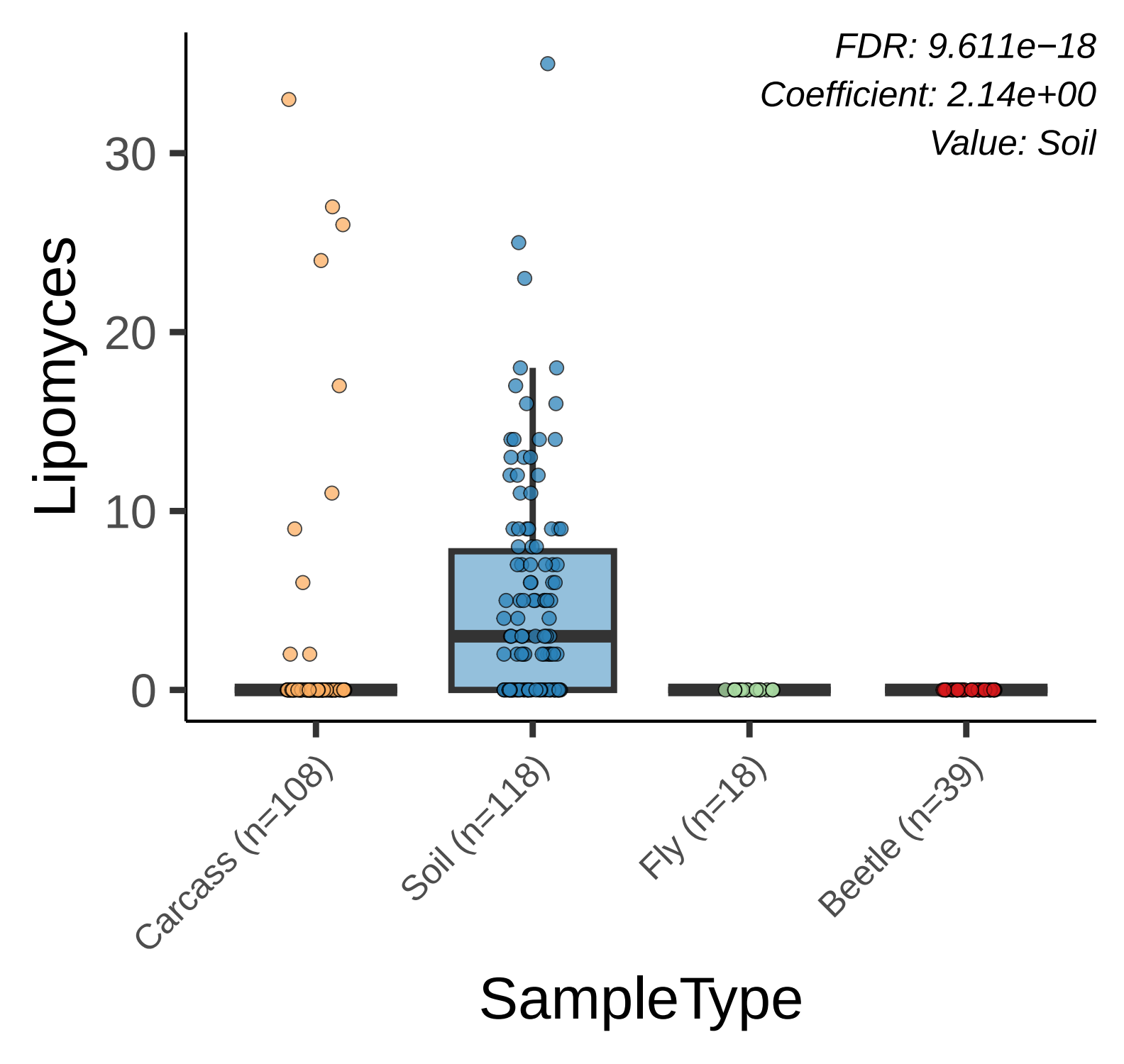

FDR: 4.540e−19
Coefficient: 2.03e+00
Value: Soil
Lophium
120
80
40
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

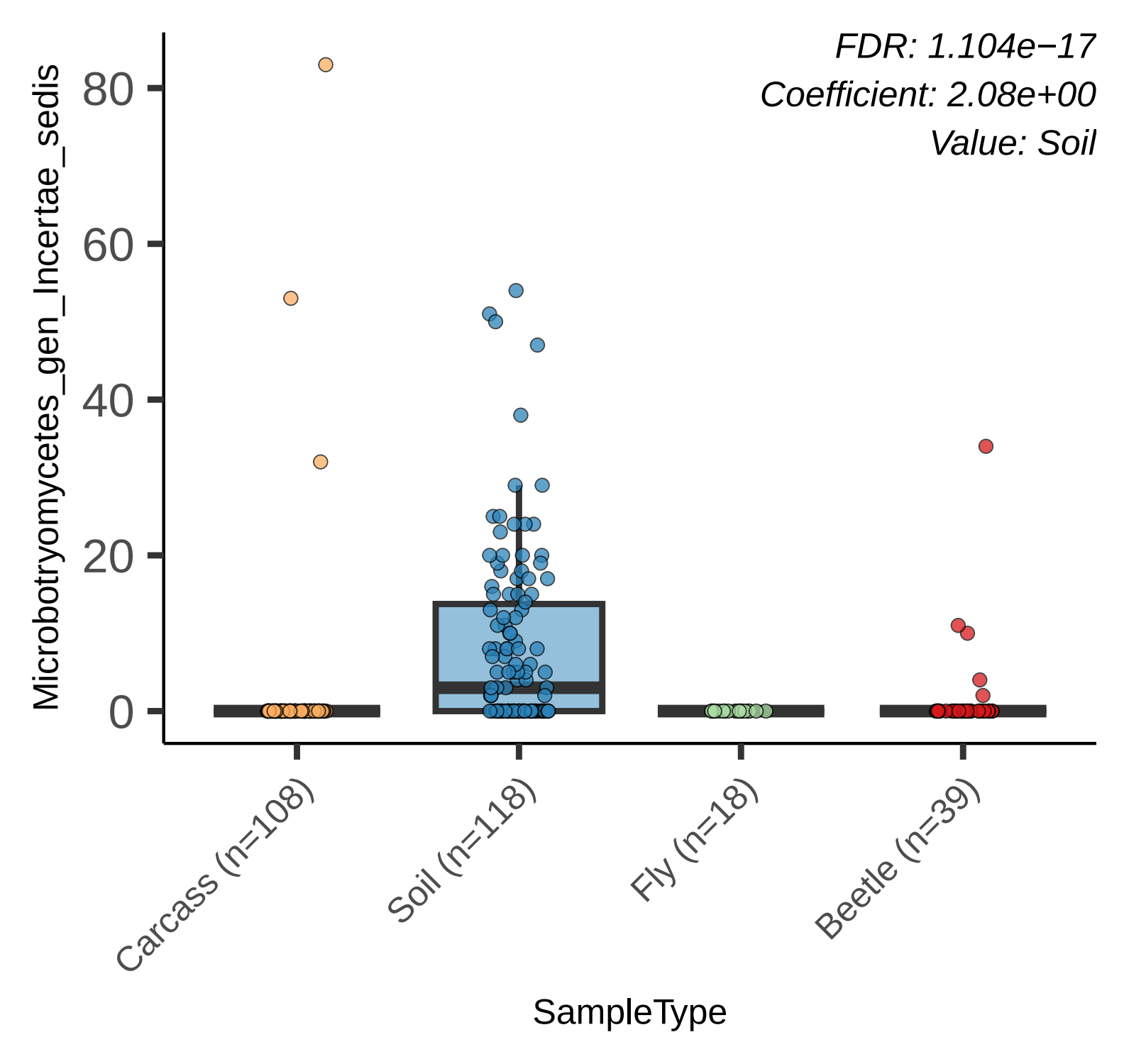

FDR: 6.270e−19
Coefficient: 2.26e+00
Value: Soil
Tumenectria
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

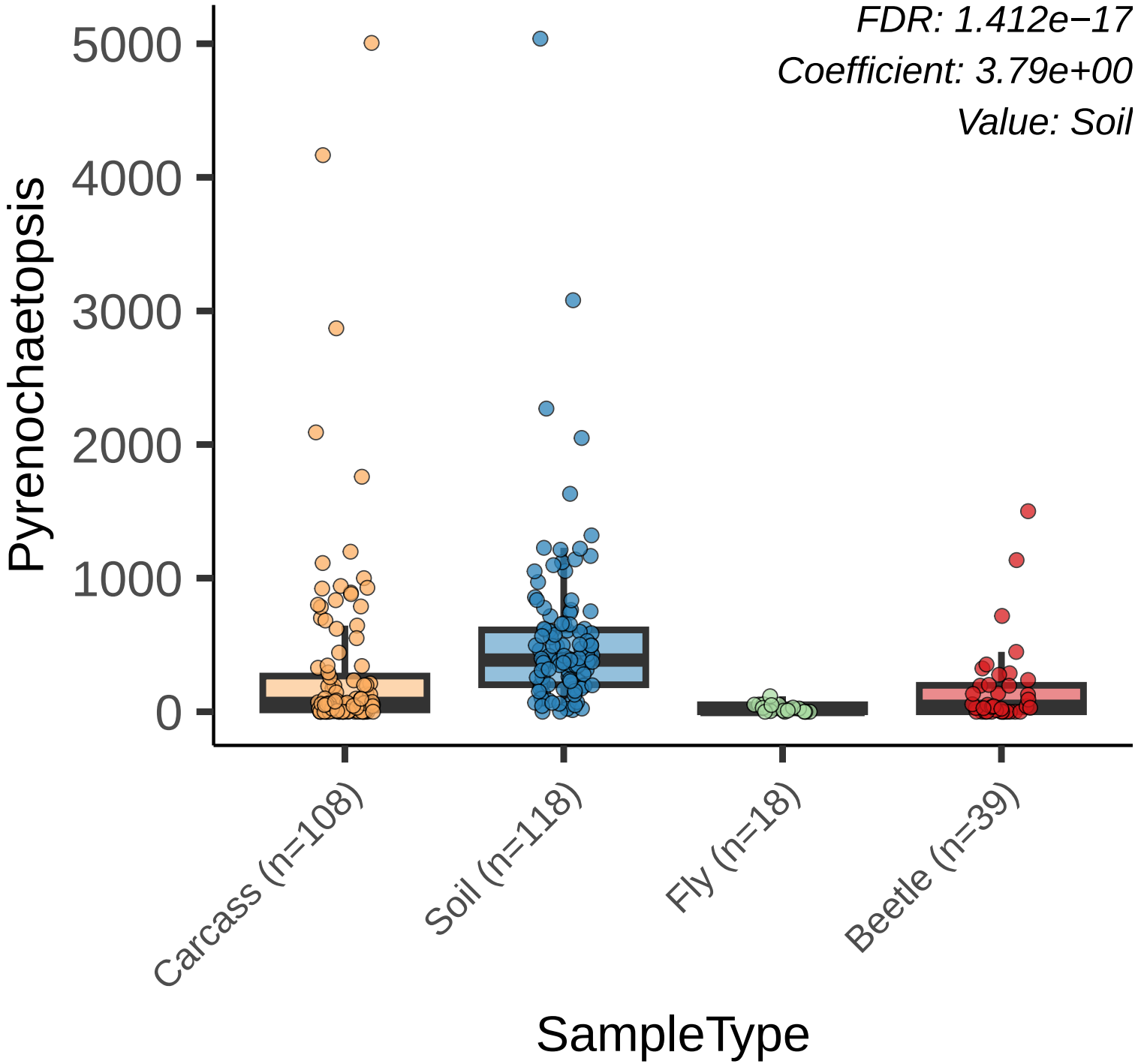

FDR: 1.874e−18
Coefficient: −5.58e+00
Value: Beetle
Alternaria
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

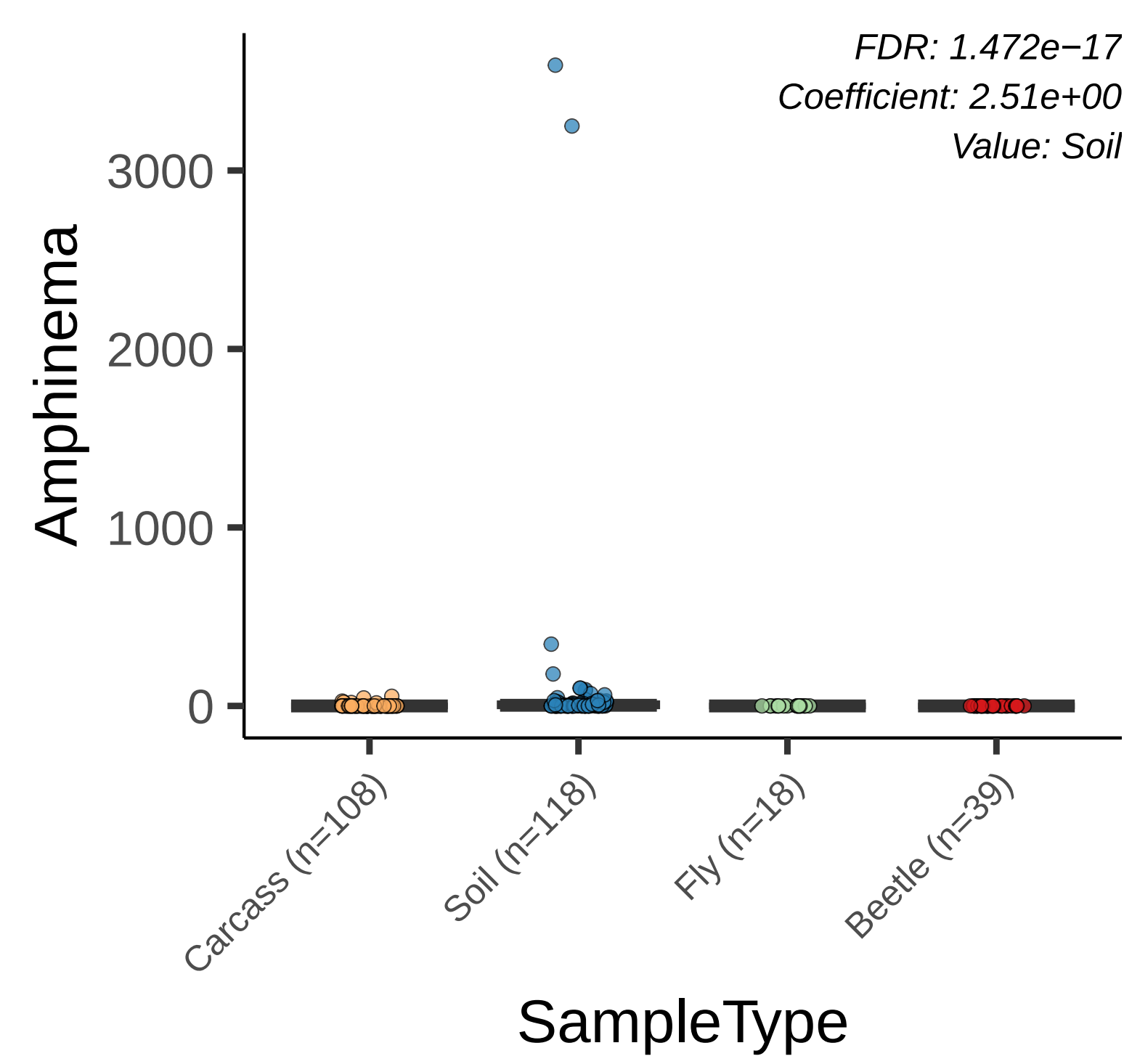

FDR: 3.863e−18
Coefficient: −2.98e+00
Value: Soil
Elmerina
5000
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

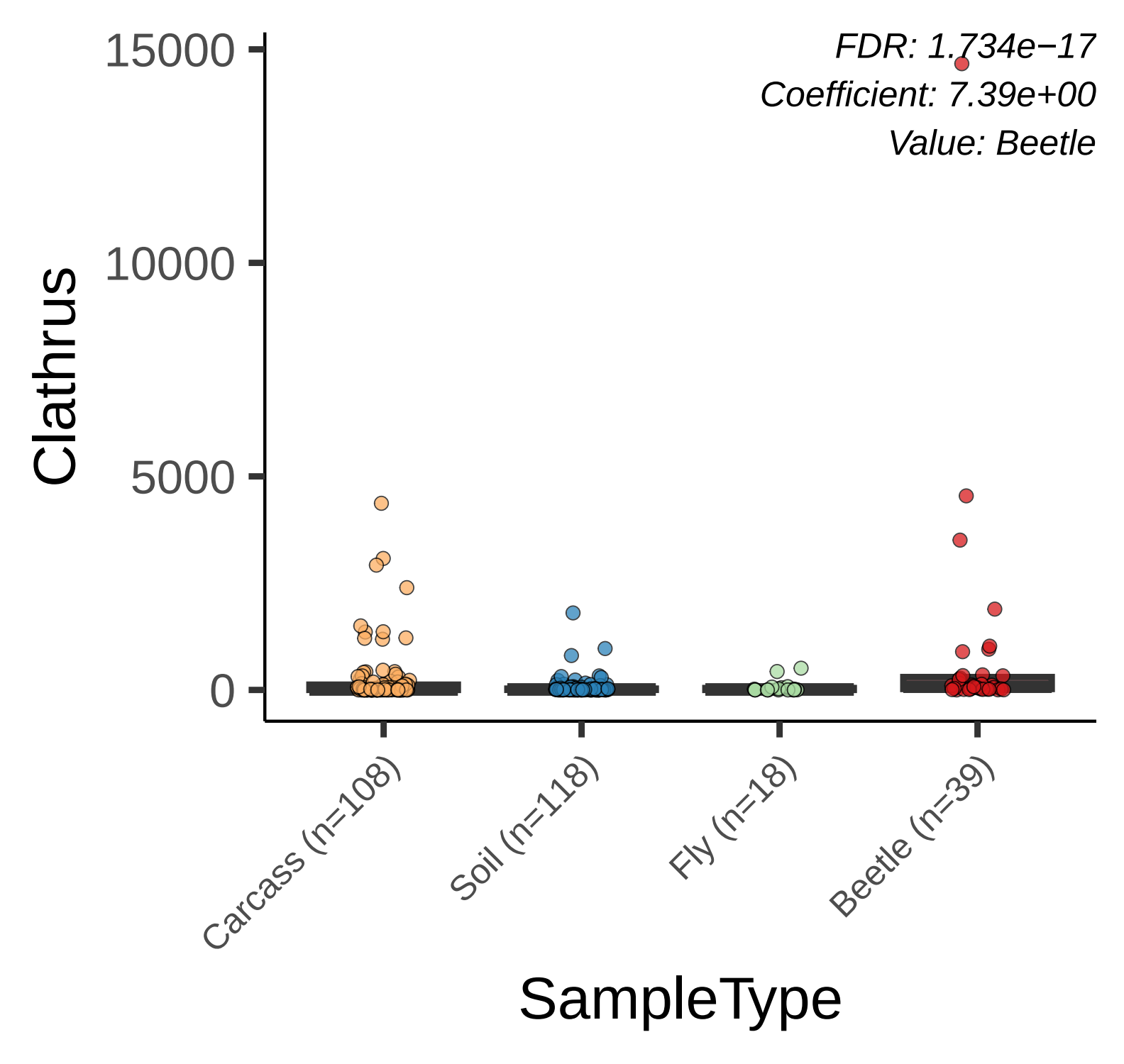

FDR: 6.521e−18
Coefficient: −3.57e+00
Value: Beetle
Penicillium
40000
30000
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

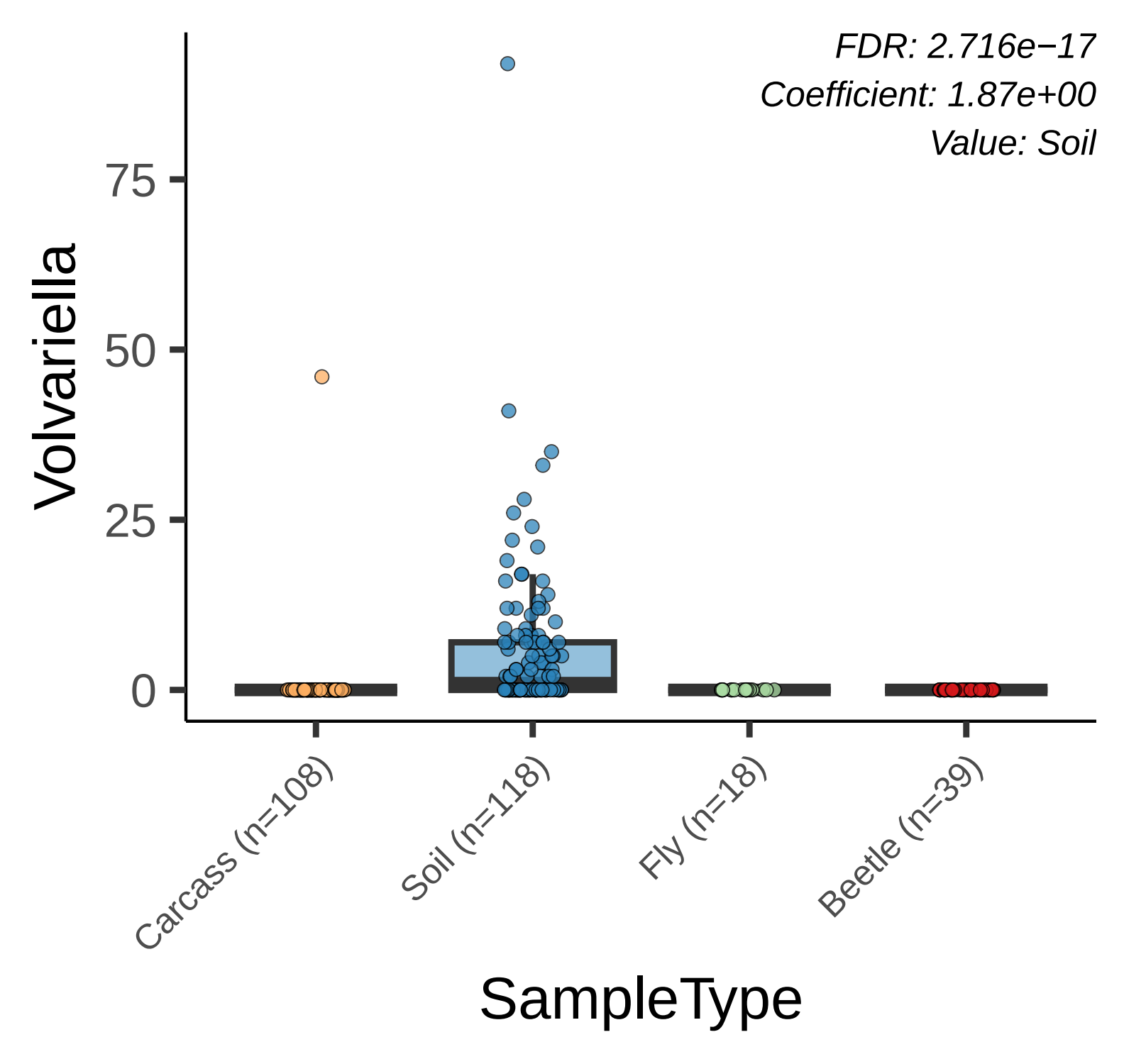

FDR: 9.611e−18
Coefficient: 2.14e+00
Value: Soil
Lipomyces
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

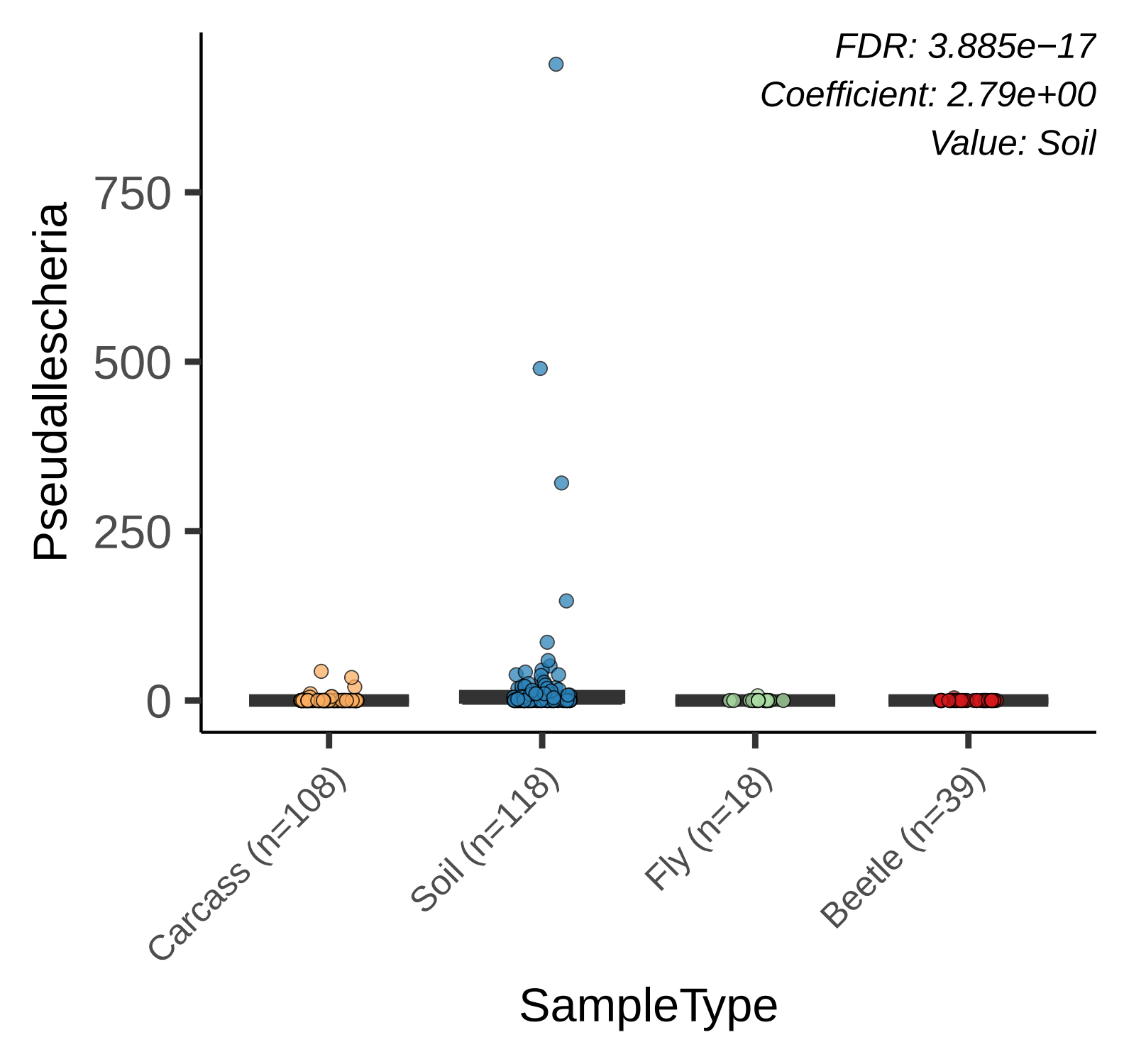

FDR: 1.104e−17
Coefficient: 2.08e+00
Value: Soil
Microbotryomycetes_gen_Incertae_sedis
0
20
40
60
80
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

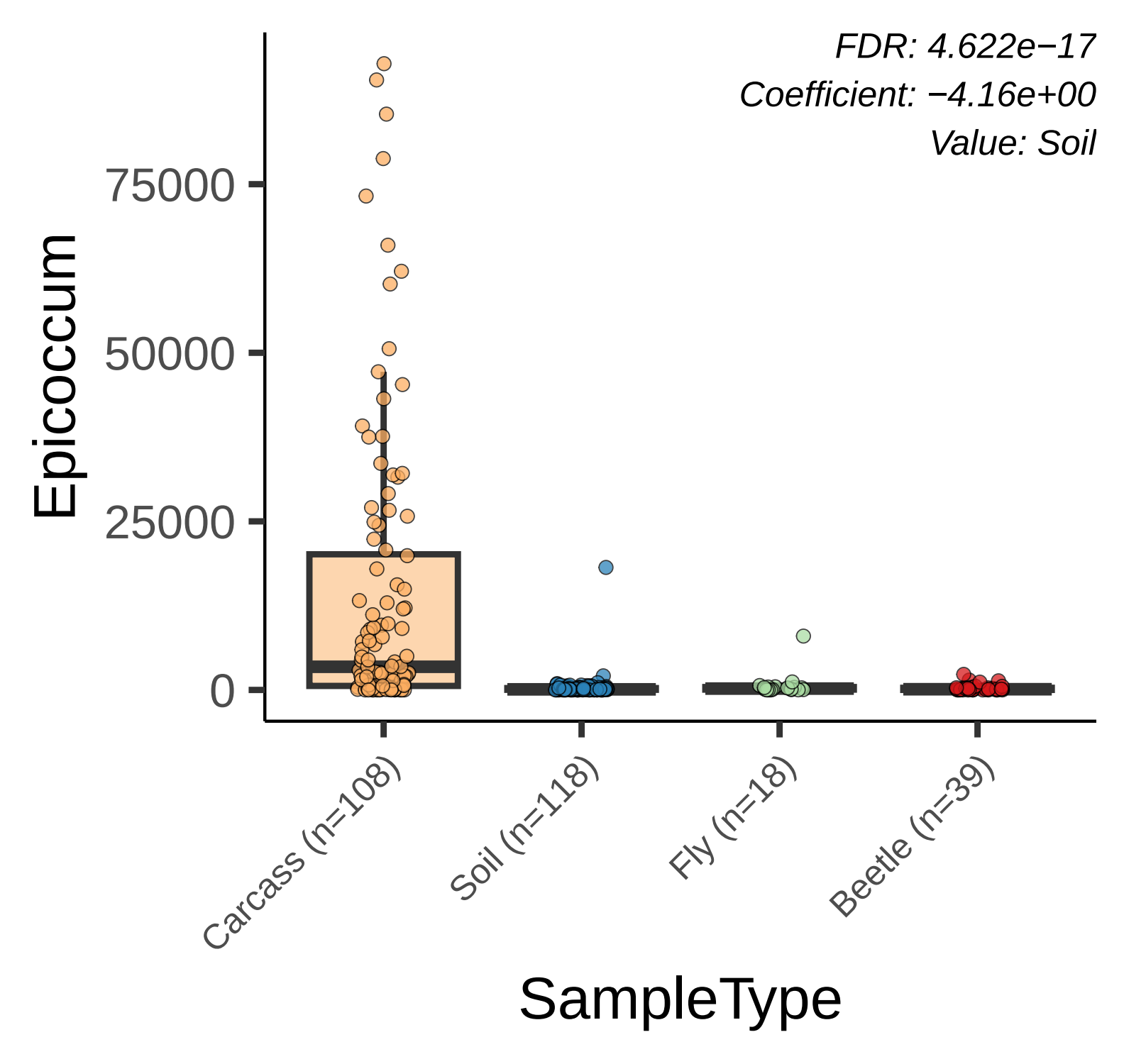

FDR: 1.412e−17
Coefficient: 3.79e+00
Value: Soil
Pyrenochaetopsis
5000
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

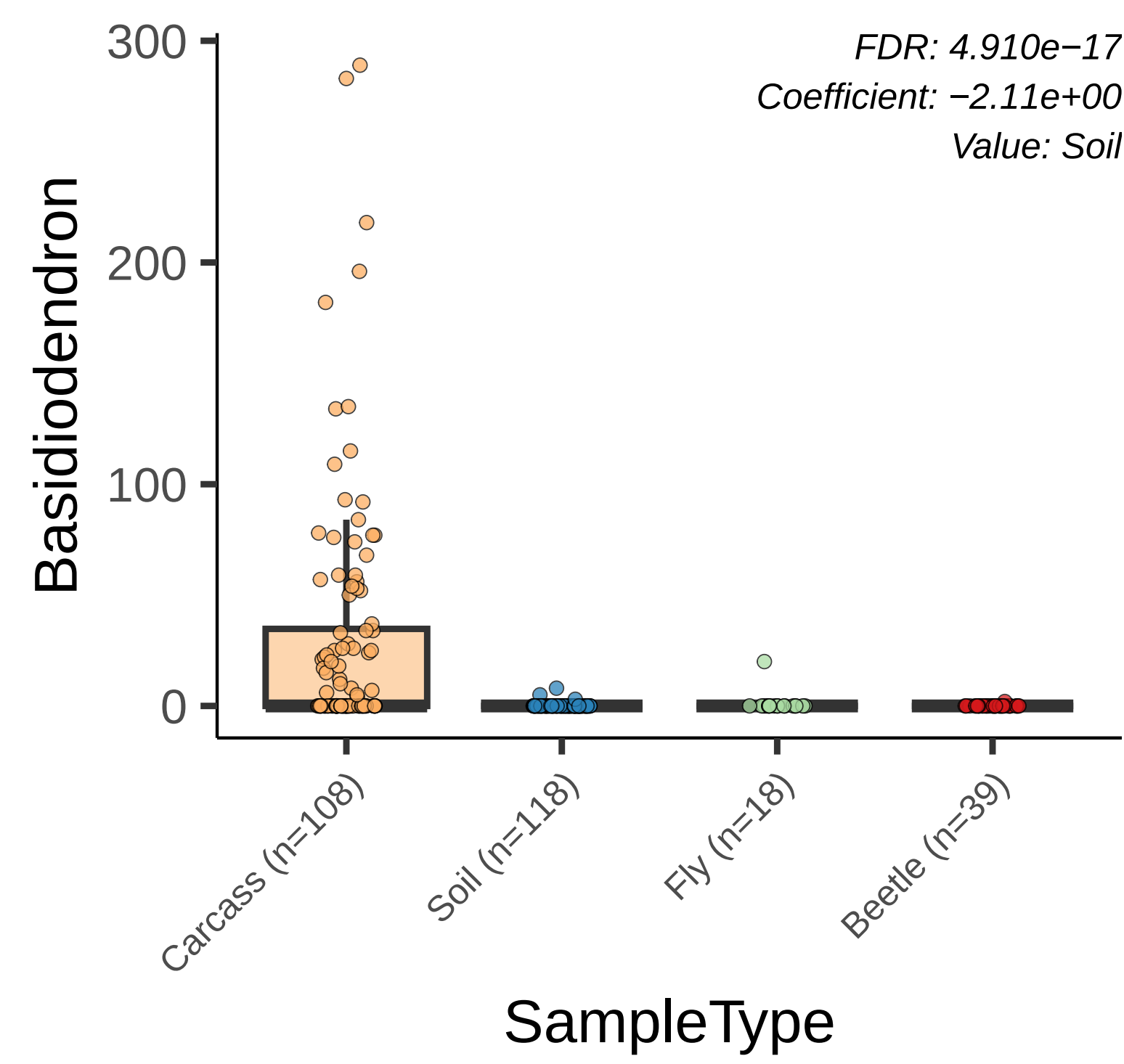

FDR: 1.472e−17
Coefficient: 2.51e+00
Value: Soil
Amphinema
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

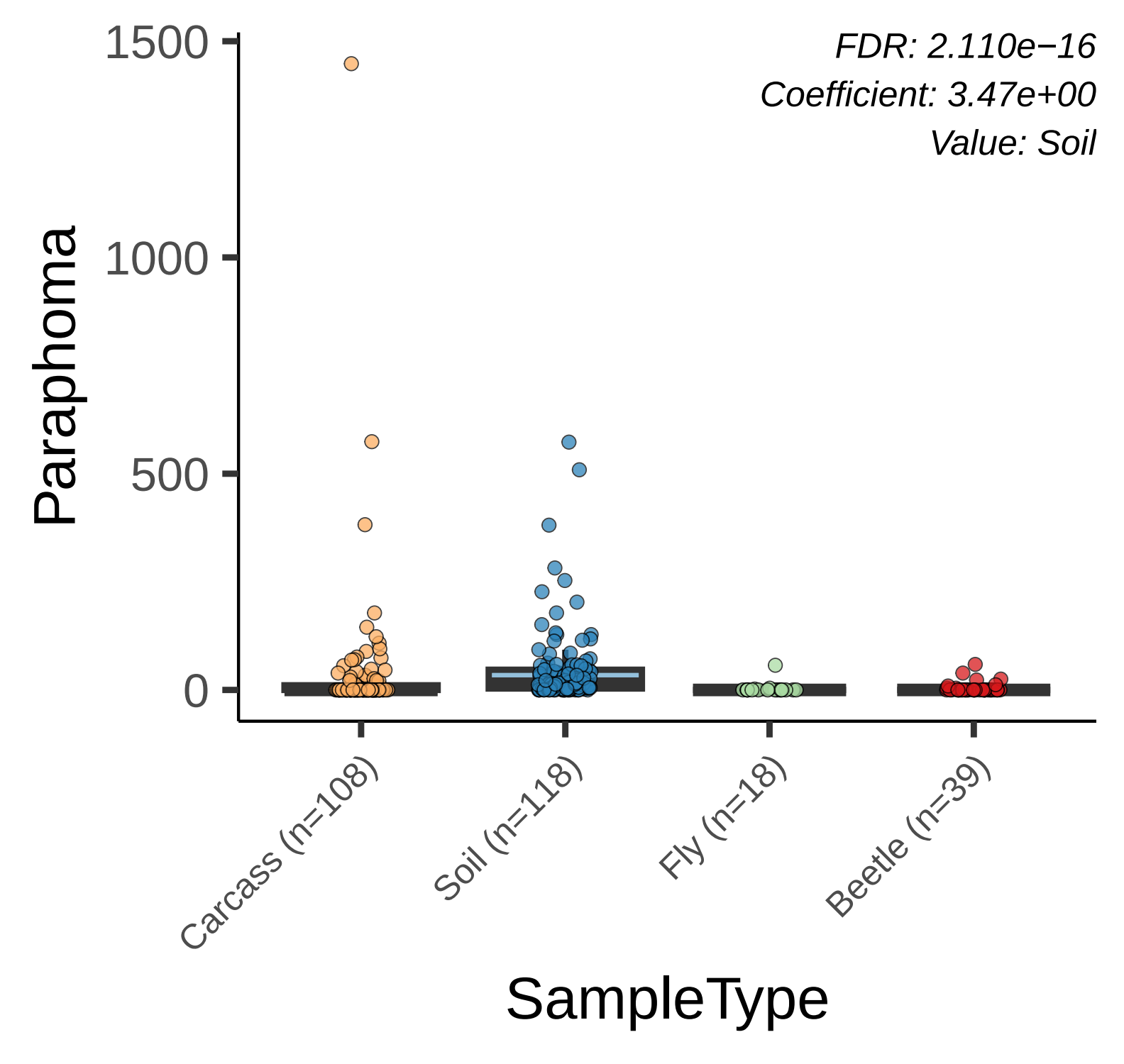

FDR: 1.734e−17
Coefficient: 7.39e+00
Value: Beetle
15000
10000
5000
0
Clathrus
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

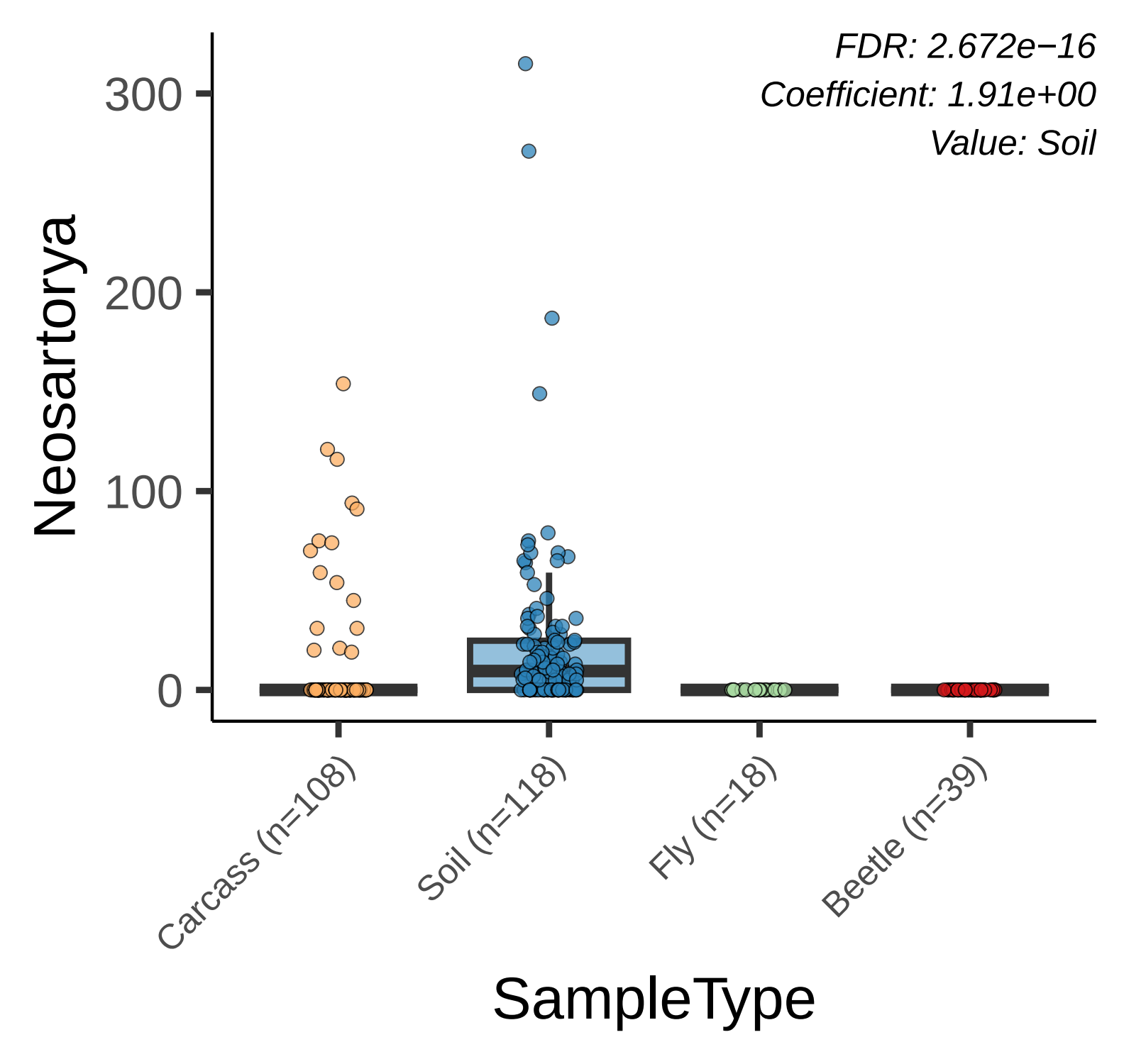

FDR: 2.716e−17
Coefficient: 1.87e+00
Value: Soil
Volvariella
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

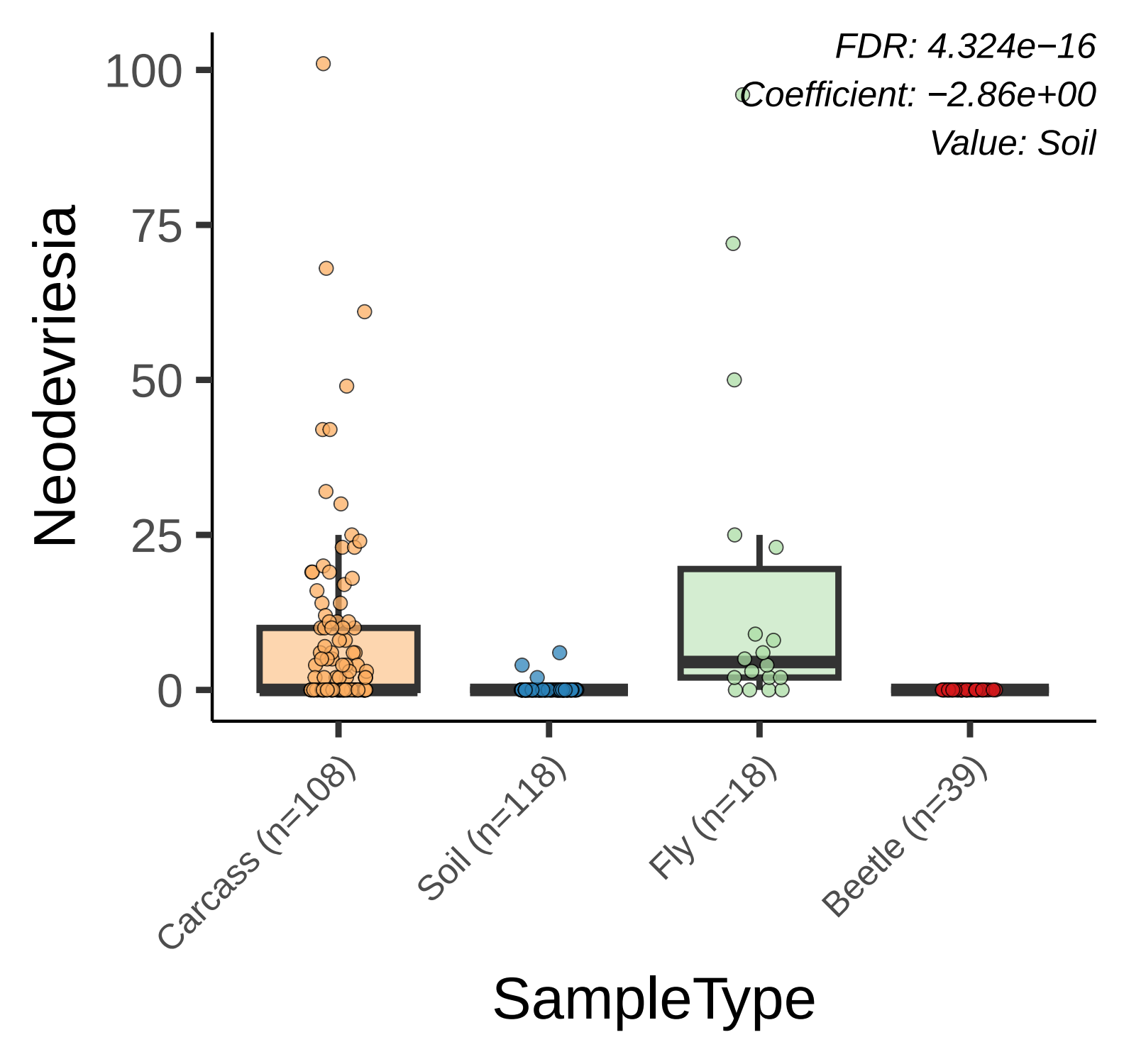

FDR: 3.885e−17
Coefficient: 2.79e+00
Value: Soil
Pseudallescheria
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

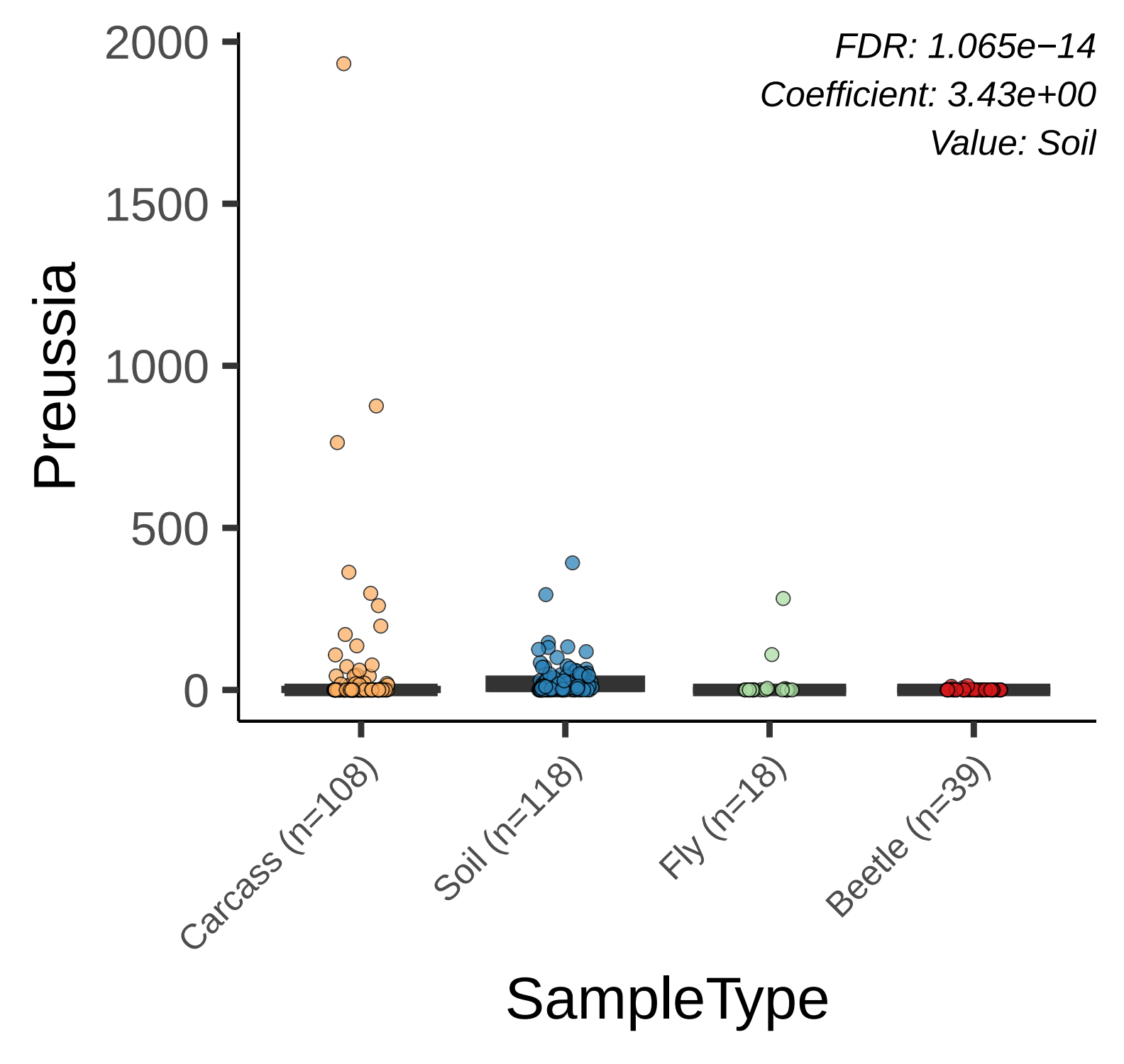

FDR: 4.622e−17
Coefficient: −4.16e+00
Value: Soil
Epicoccum
75000
50000
25000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

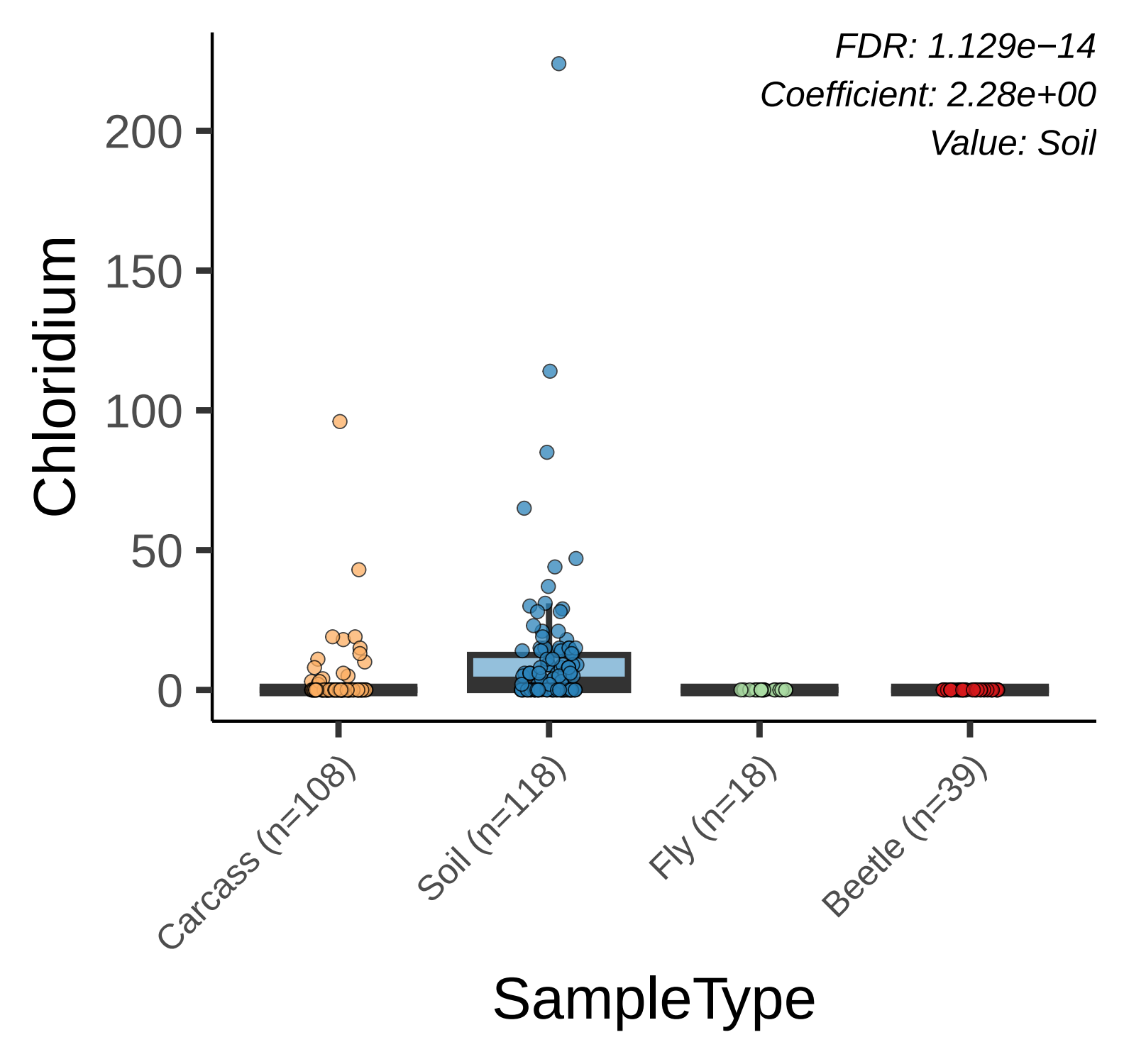

FDR: 4.910e−17
Coefficient: −2.11e+00
Value: Soil
Basidiodendron
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

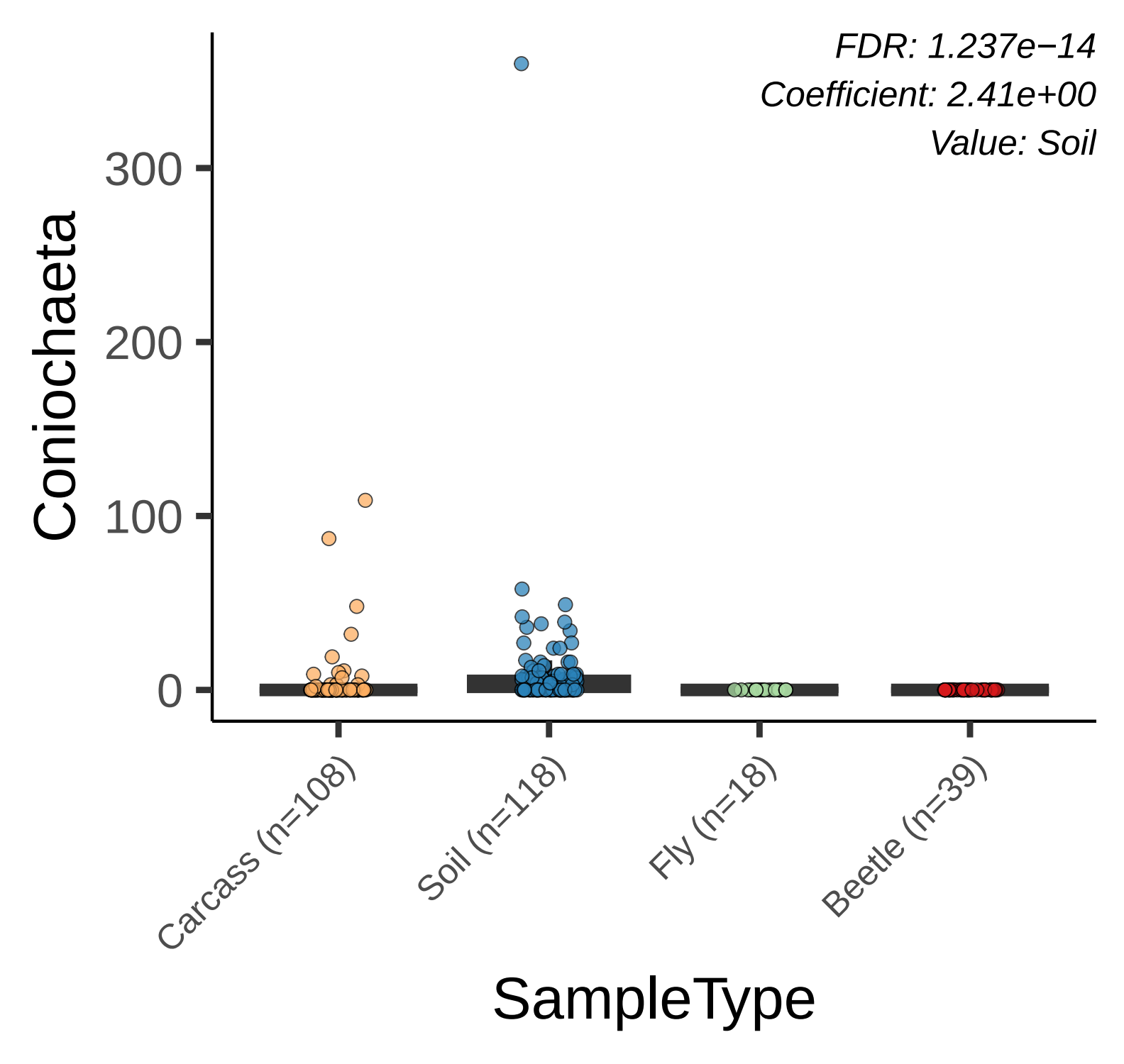

FDR: 2.110e−16
Coefficient: 3.47e+00
Value: Soil
Paraphoma
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

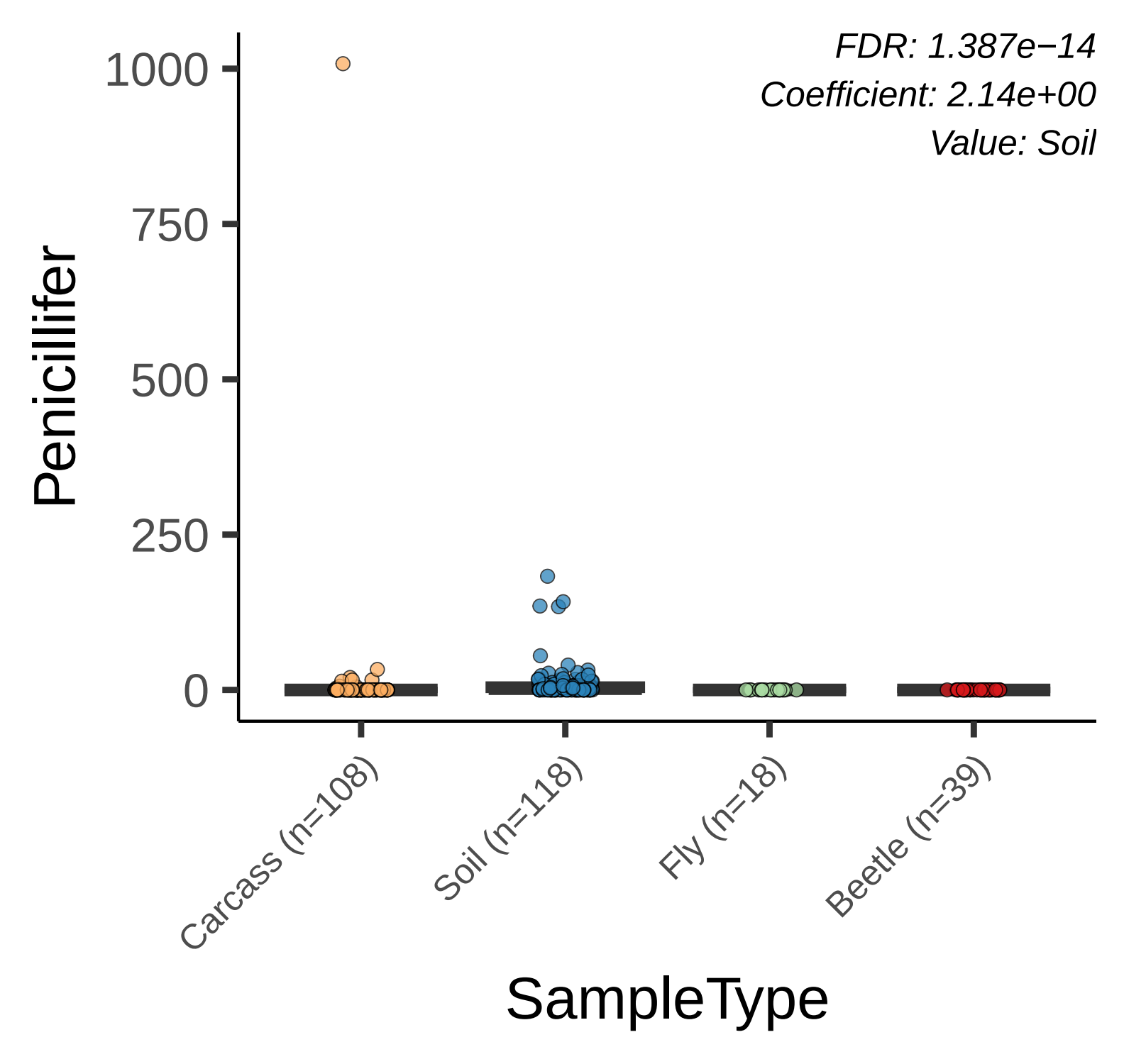

FDR: 2.672e−16
Coefficient: 1.91e+00
Value: Soil
Neosartorya
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

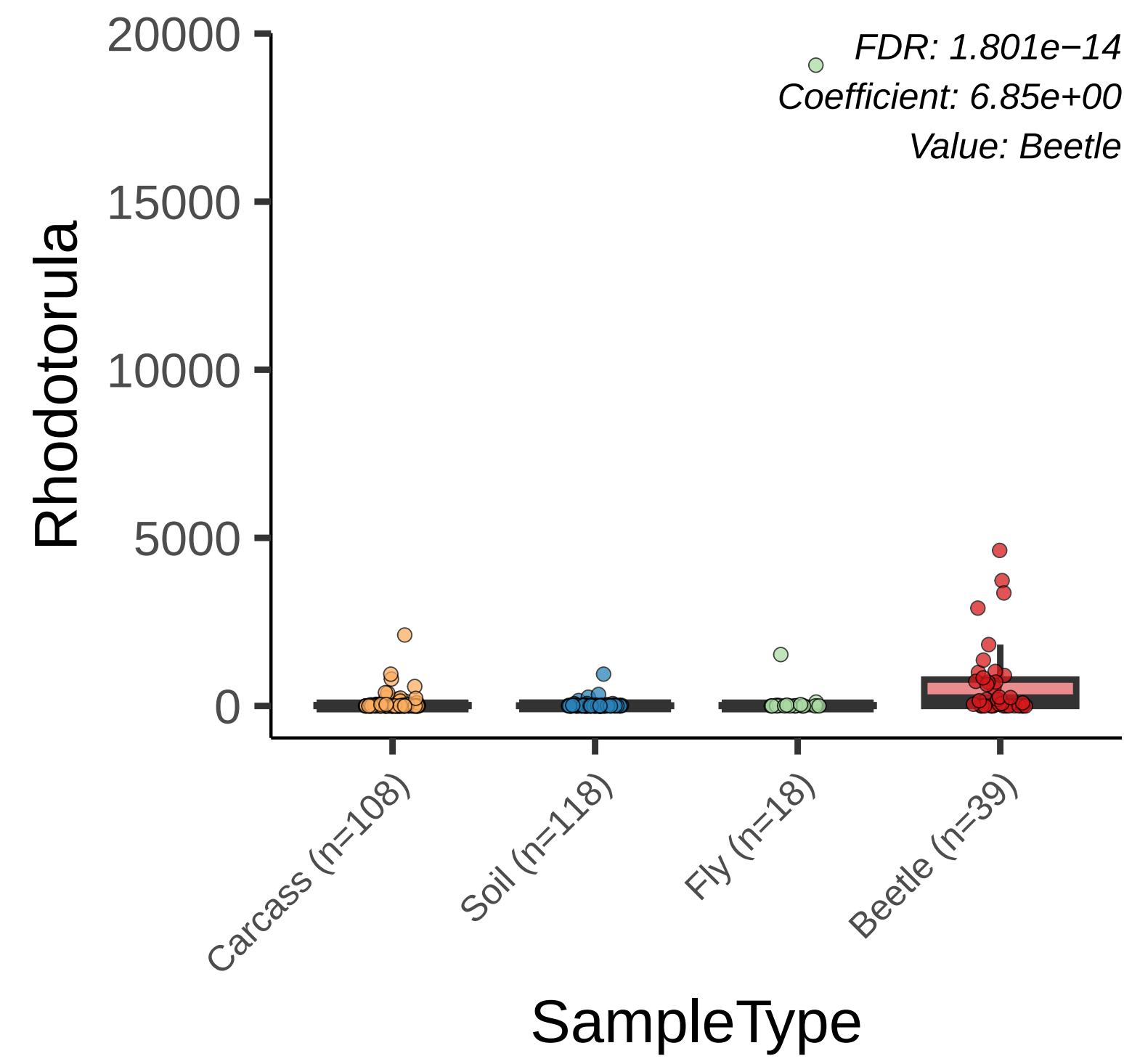

FDR: 4.324e−16
Coefficient: −2.86e+00
Value: Soil
Neodevriesia
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

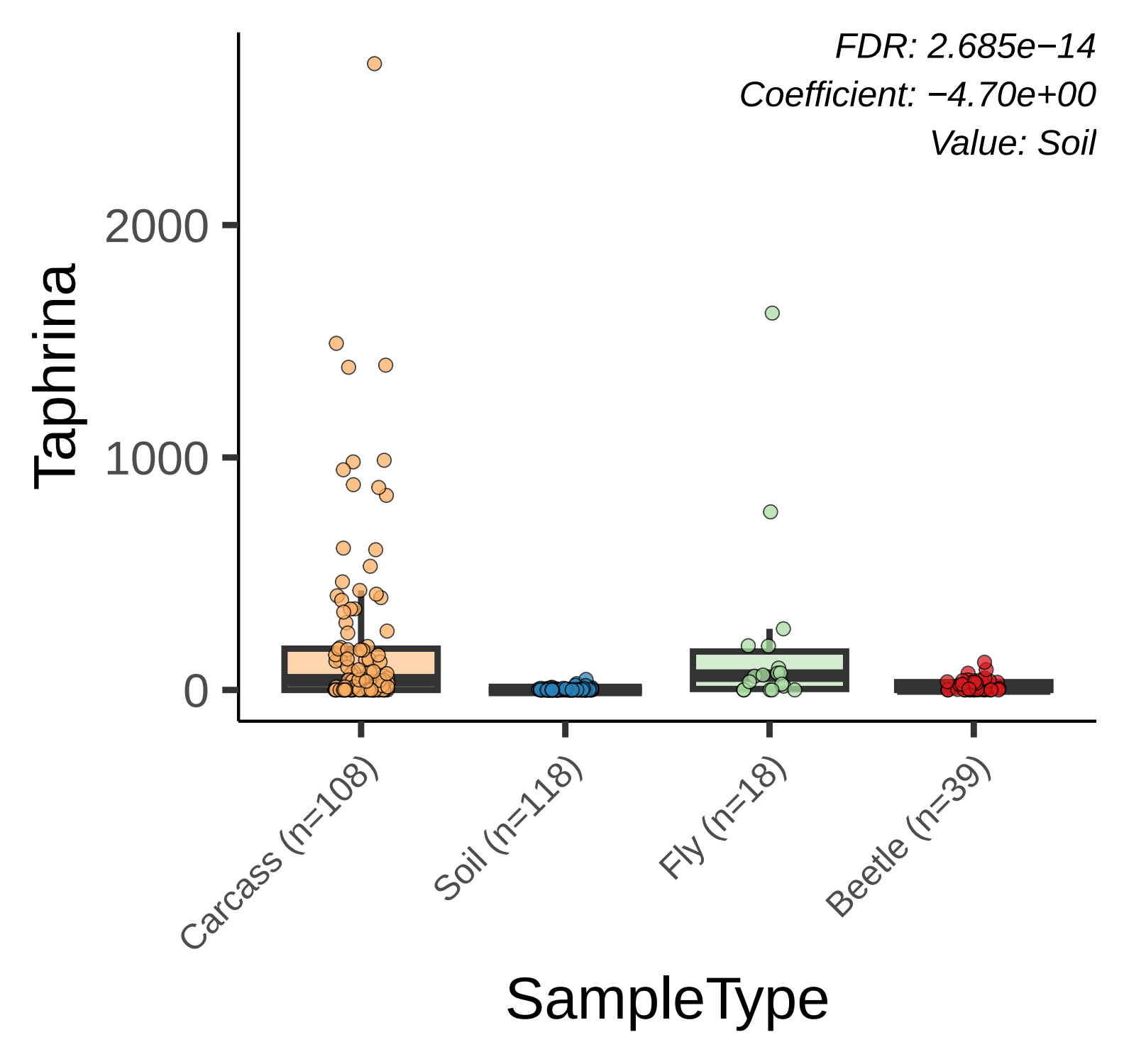

FDR: 1.065e−14
Coefficient: 3.43e+00
Value: Soil
Preussia
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

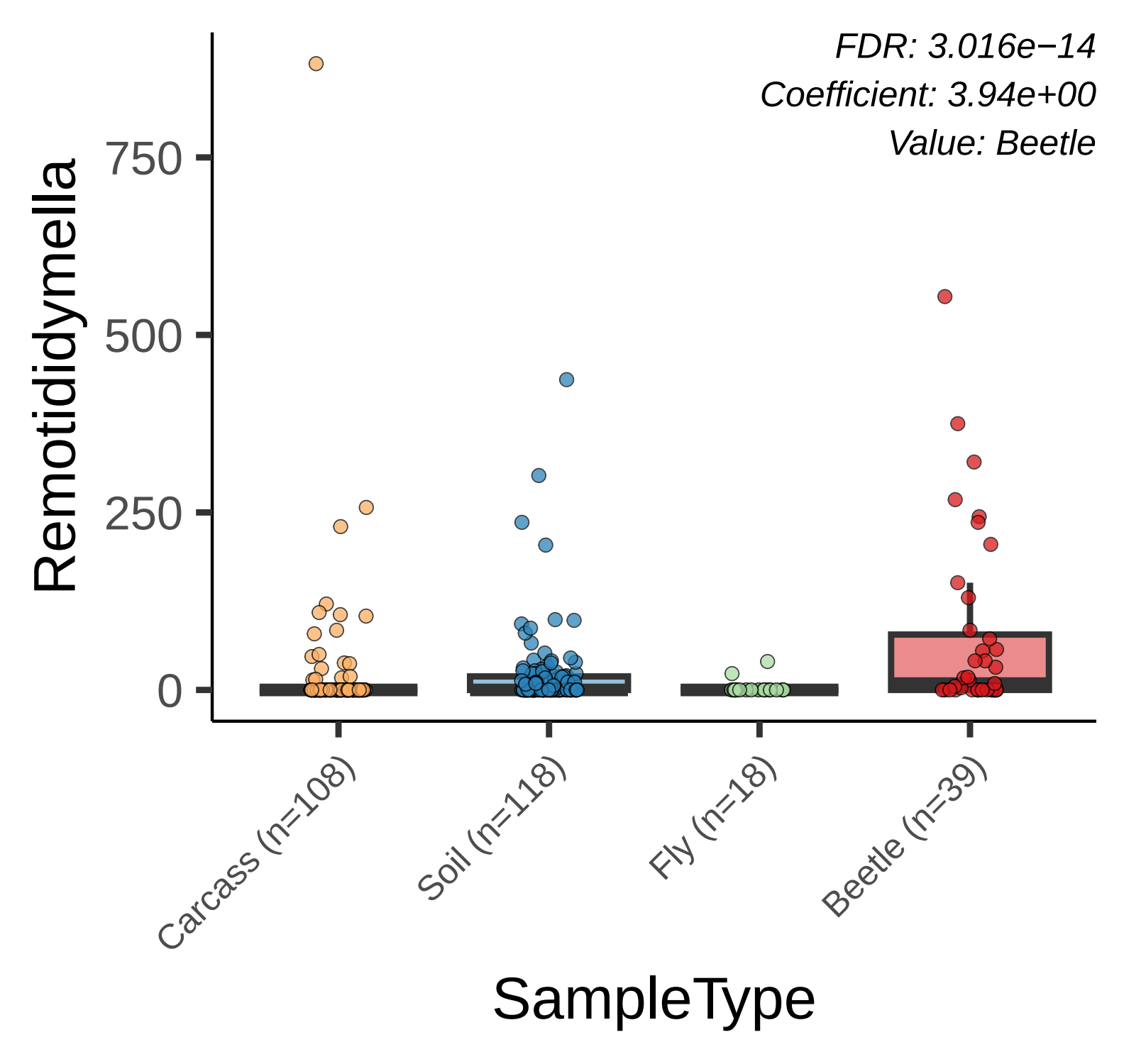

FDR: 1.129e−14
Coefficient: 2.28e+00
Value: Soil
Chloridium
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

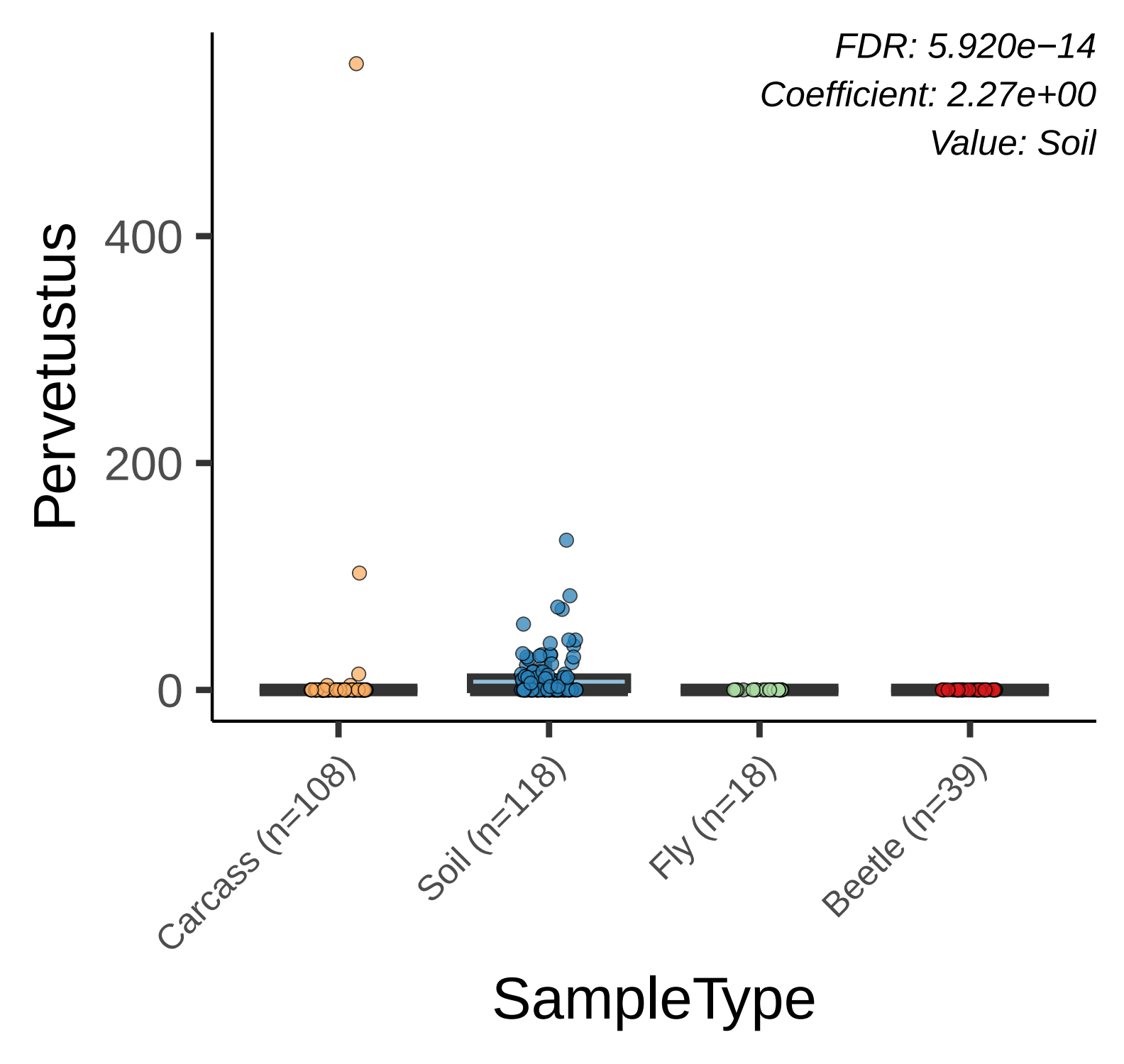

FDR: 1.237e−14
Coefficient: 2.41e+00
Value: Soil
Coniochaeta
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

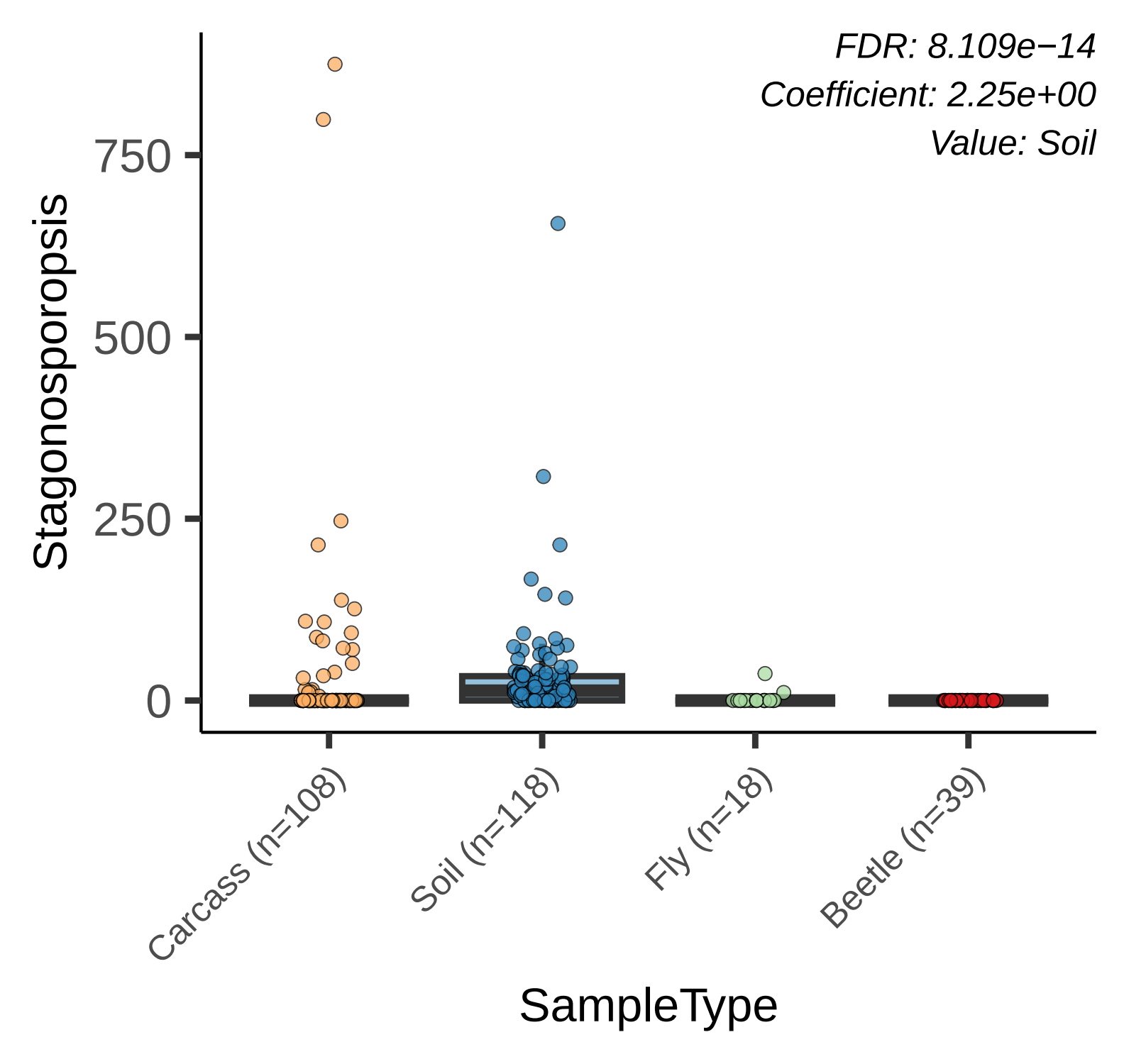

FDR: 1.387e−14
Coefficient: 2.14e+00
Value: Soil
Penicillifer
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

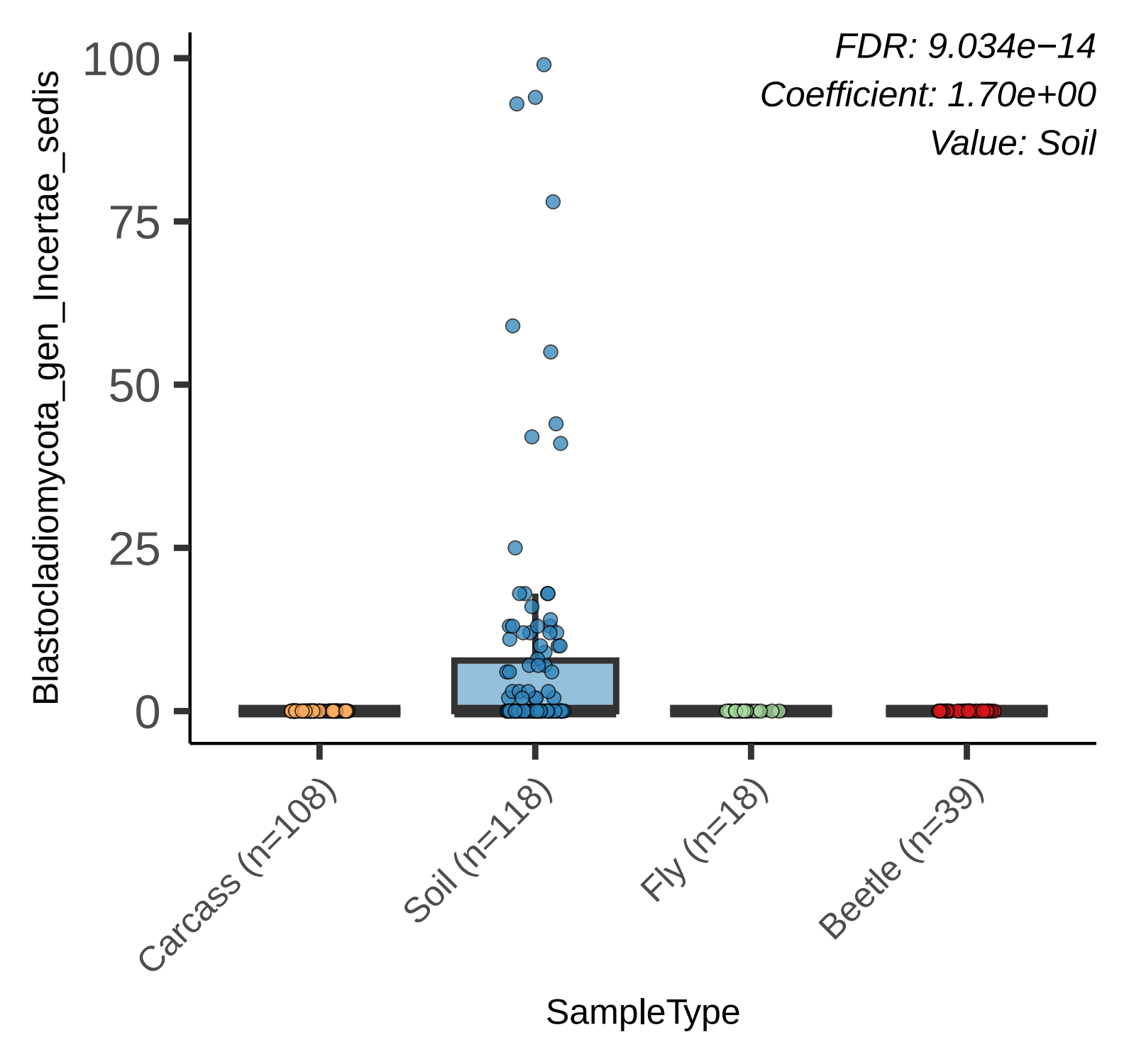

FDR: 1.801e−14
Coefficient: 6.85e+00
Value: Beetle
Rhodotorula
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

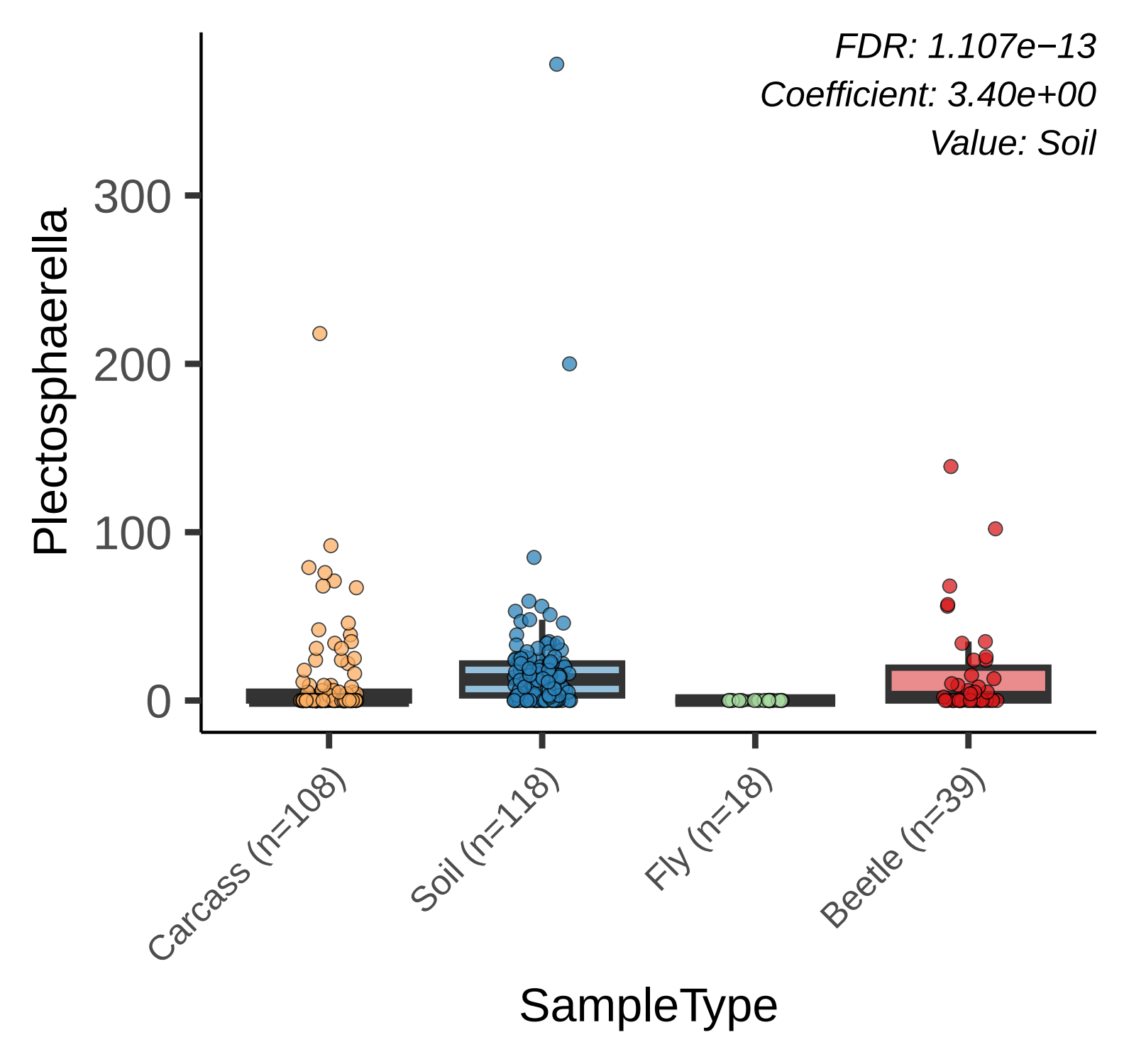

FDR: 2.685e−14
Coefficient: −4.70e+00
Value: Soil
Taphrina
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

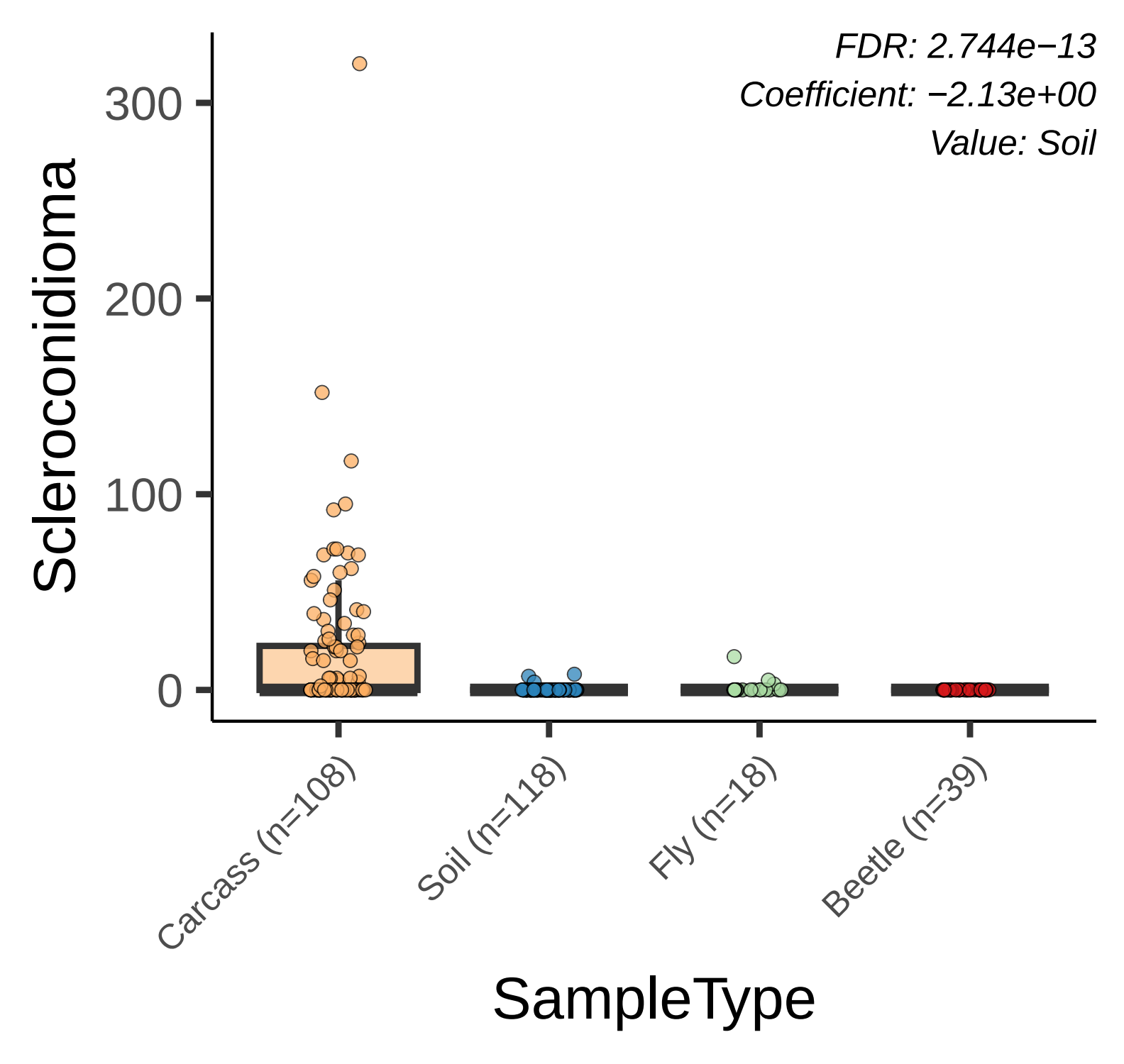

FDR: 3.016e−14
Coefficient: 3.94e+00
Value: Beetle
Remotididymella
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

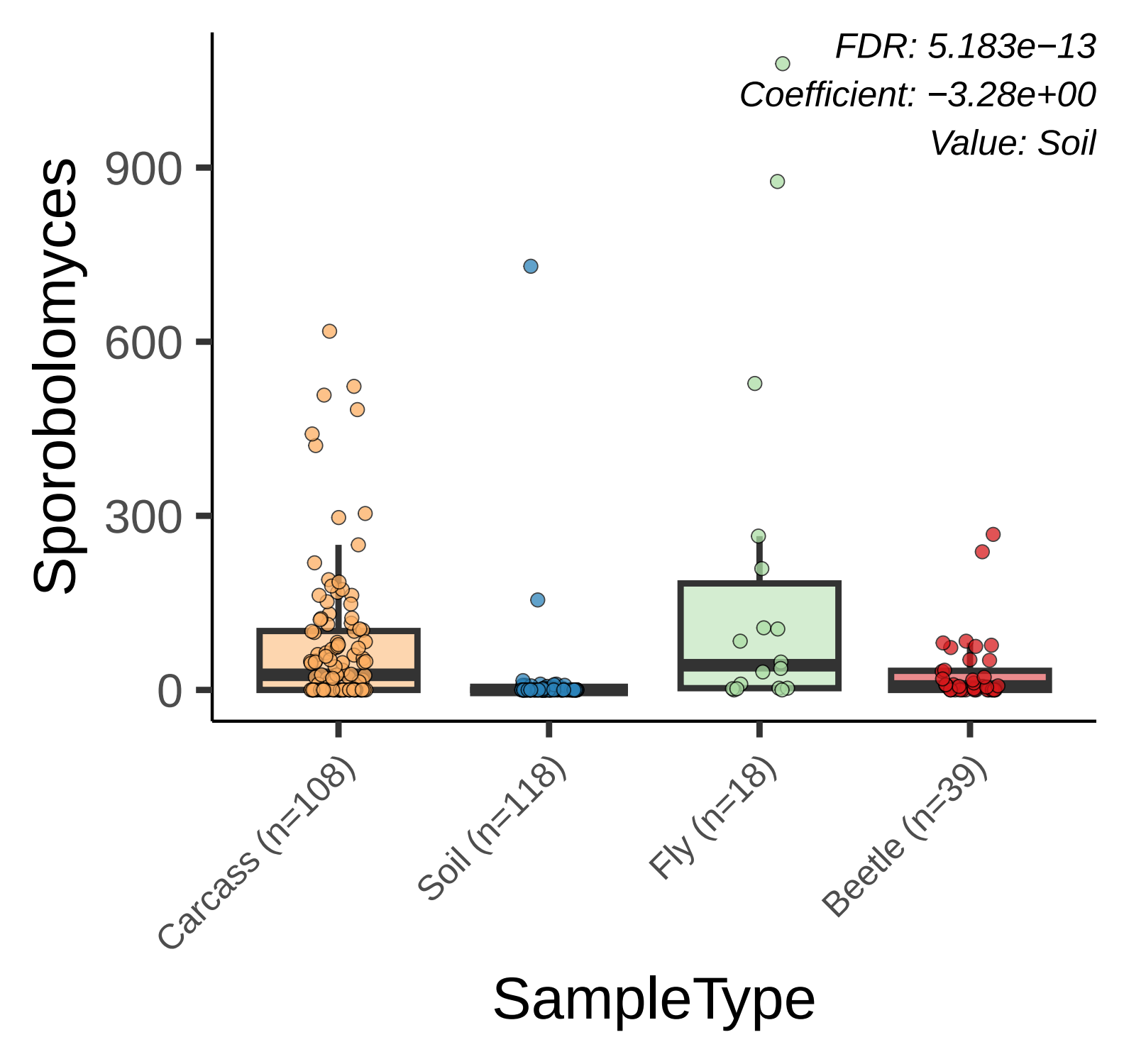

FDR: 5.920e−14
Coefficient: 2.27e+00
Value: Soil
Pervetustus
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

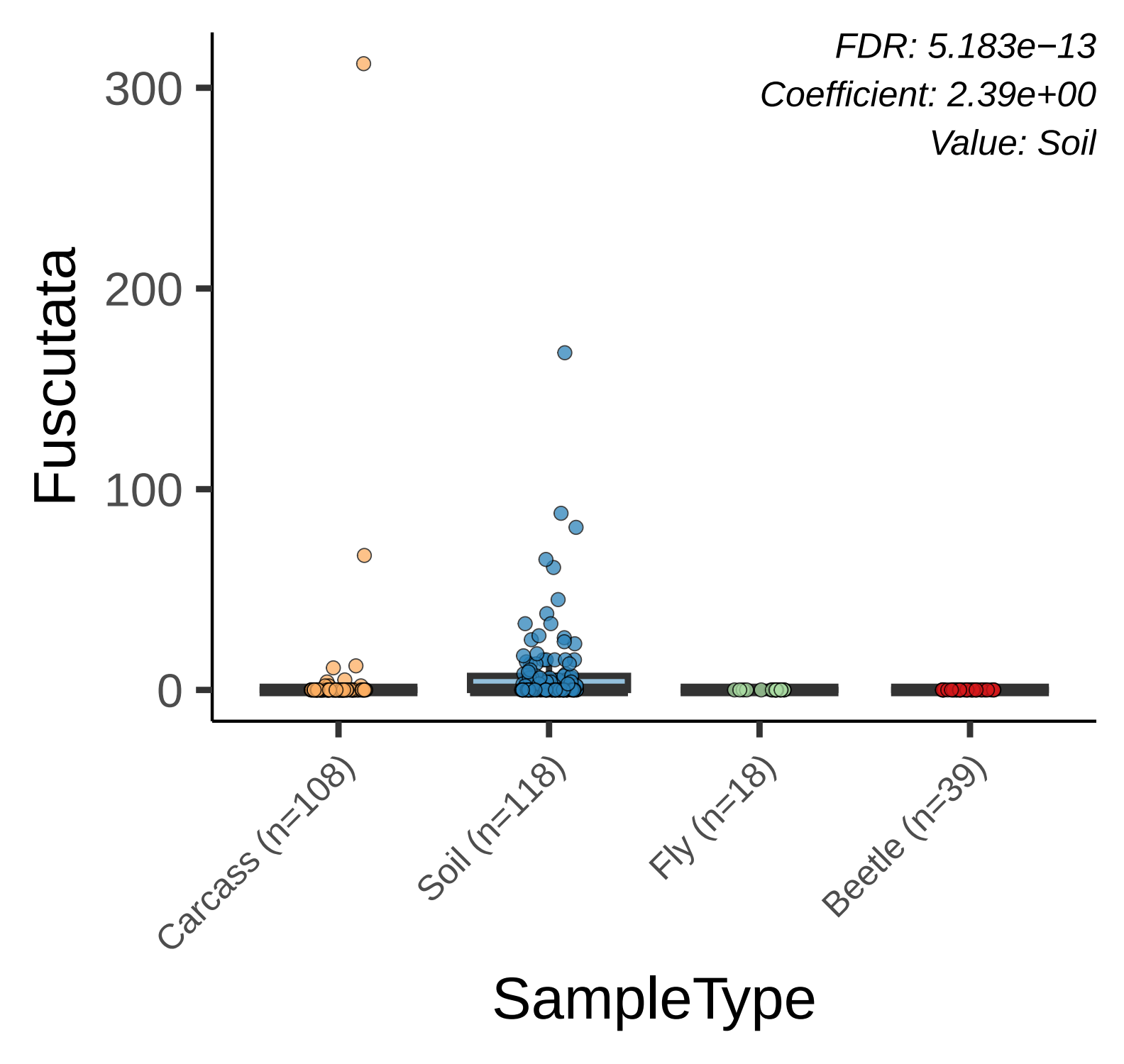

FDR: 8.109e−14
Coefficient: 2.25e+00
Value: Soil
Stagonosporopsis
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

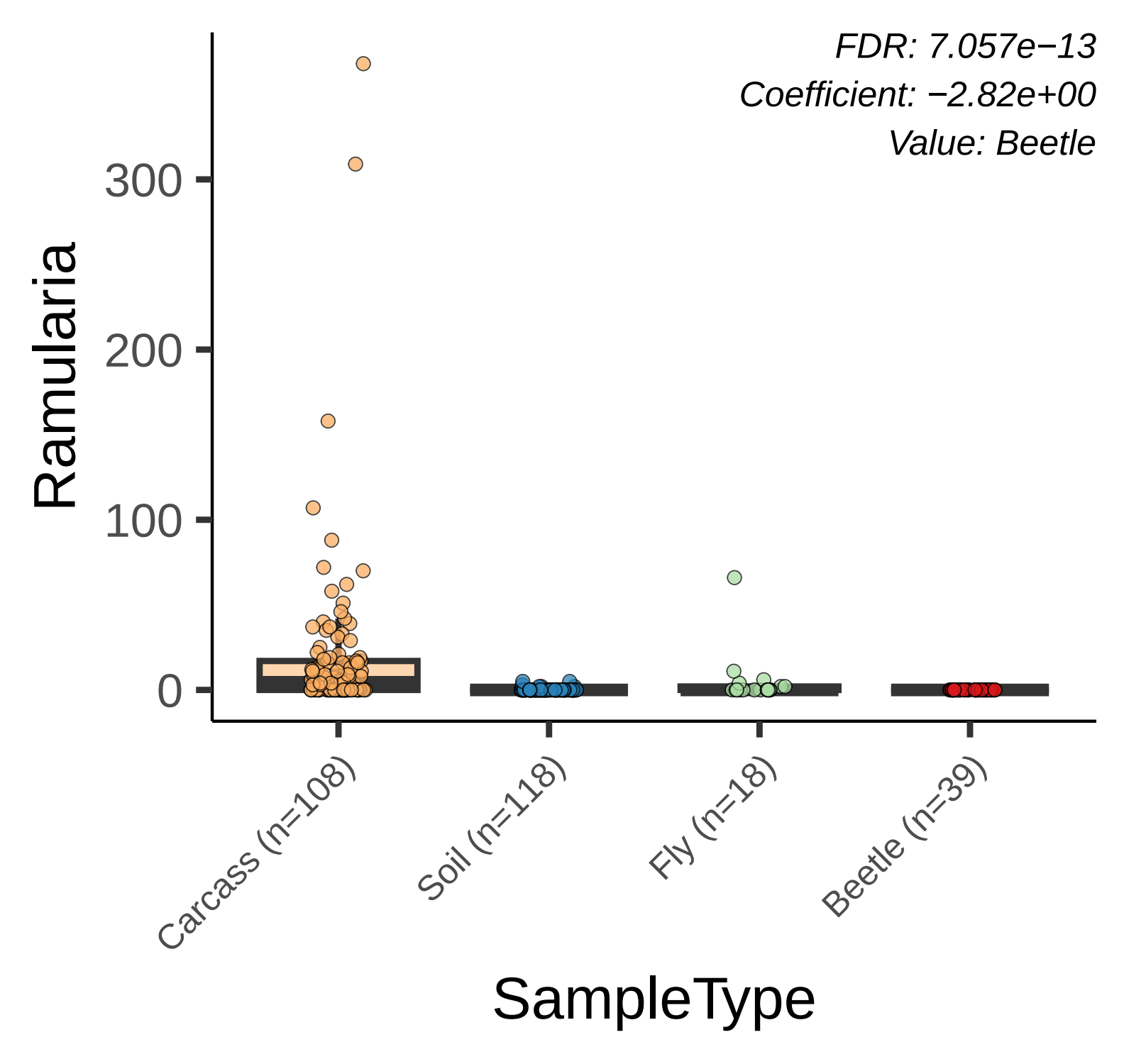

FDR: 9.034e−14
Coefficient: 1.70e+00
Value: Soil
Blastocladiomycota_gen_Incertae_sedis
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

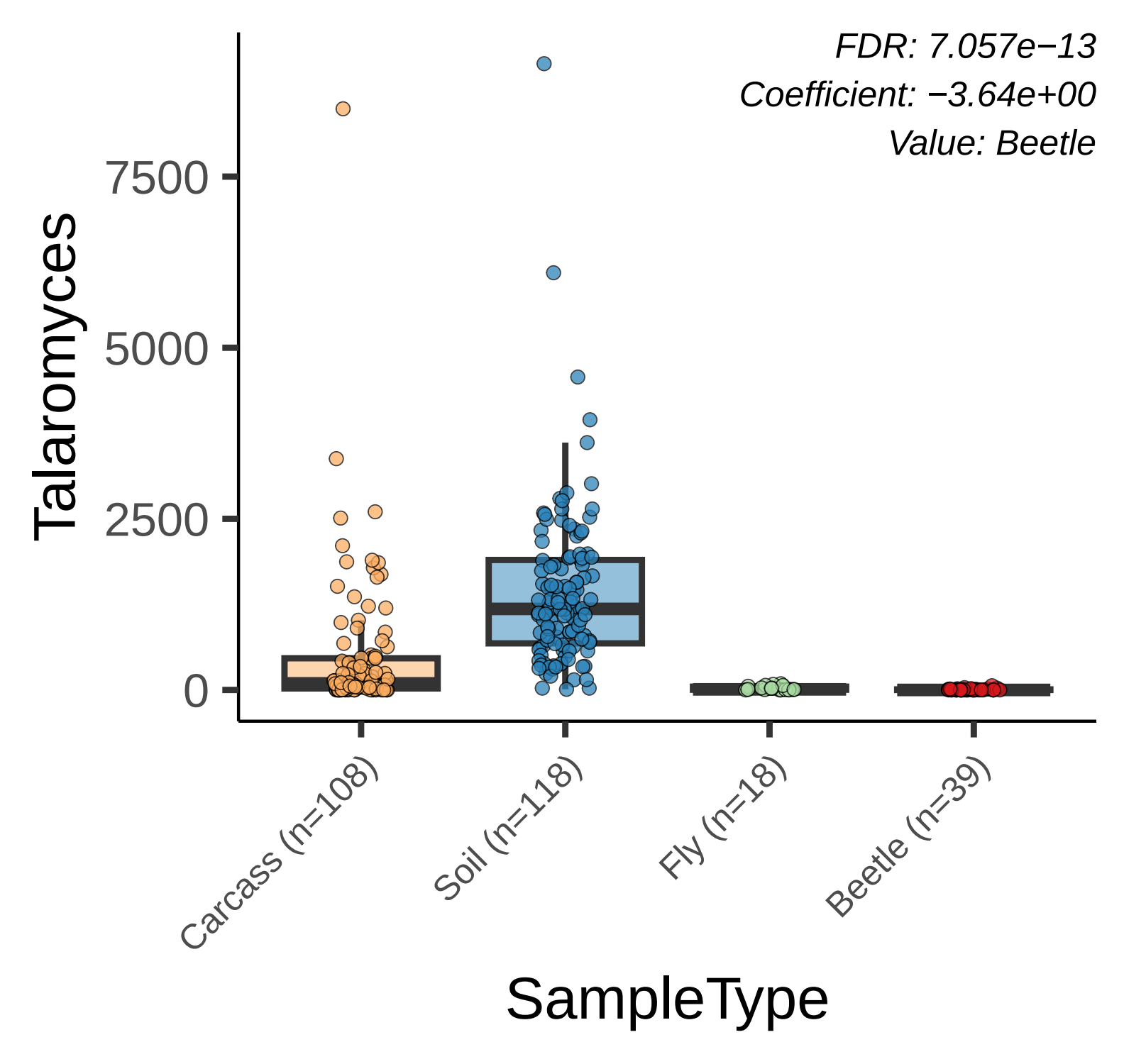

FDR: 1.107e−13
Coefficient: 3.40e+00
Value: Soil
Plectosphaerella
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

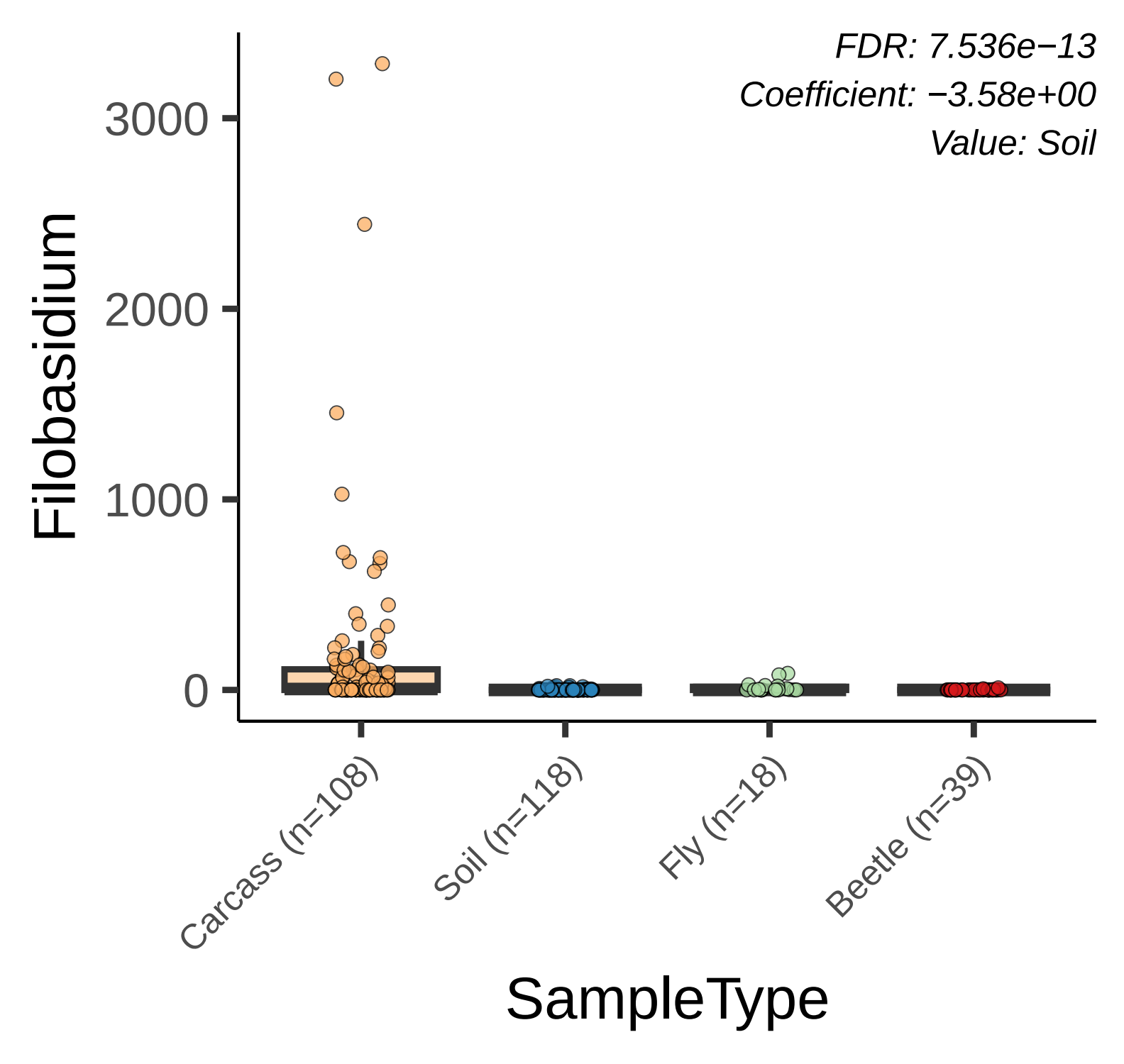

FDR: 2.744e−13
Coefficient: −2.13e+00
Value: Soil
Scleroconidioma
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

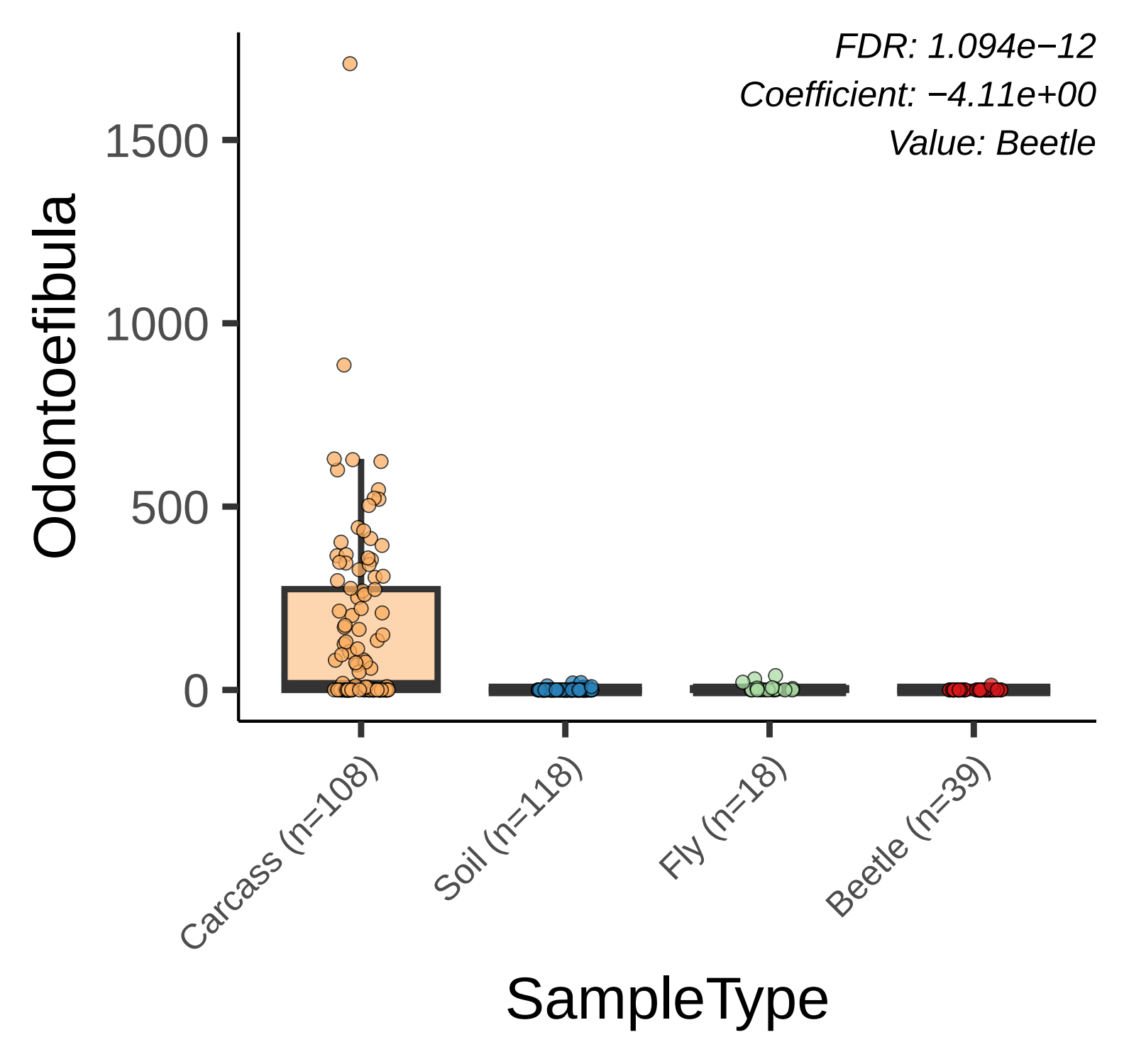

FDR: 5.183e−13
Coefficient: −3.28e+00
Value: Soil
Sporobolomyces
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

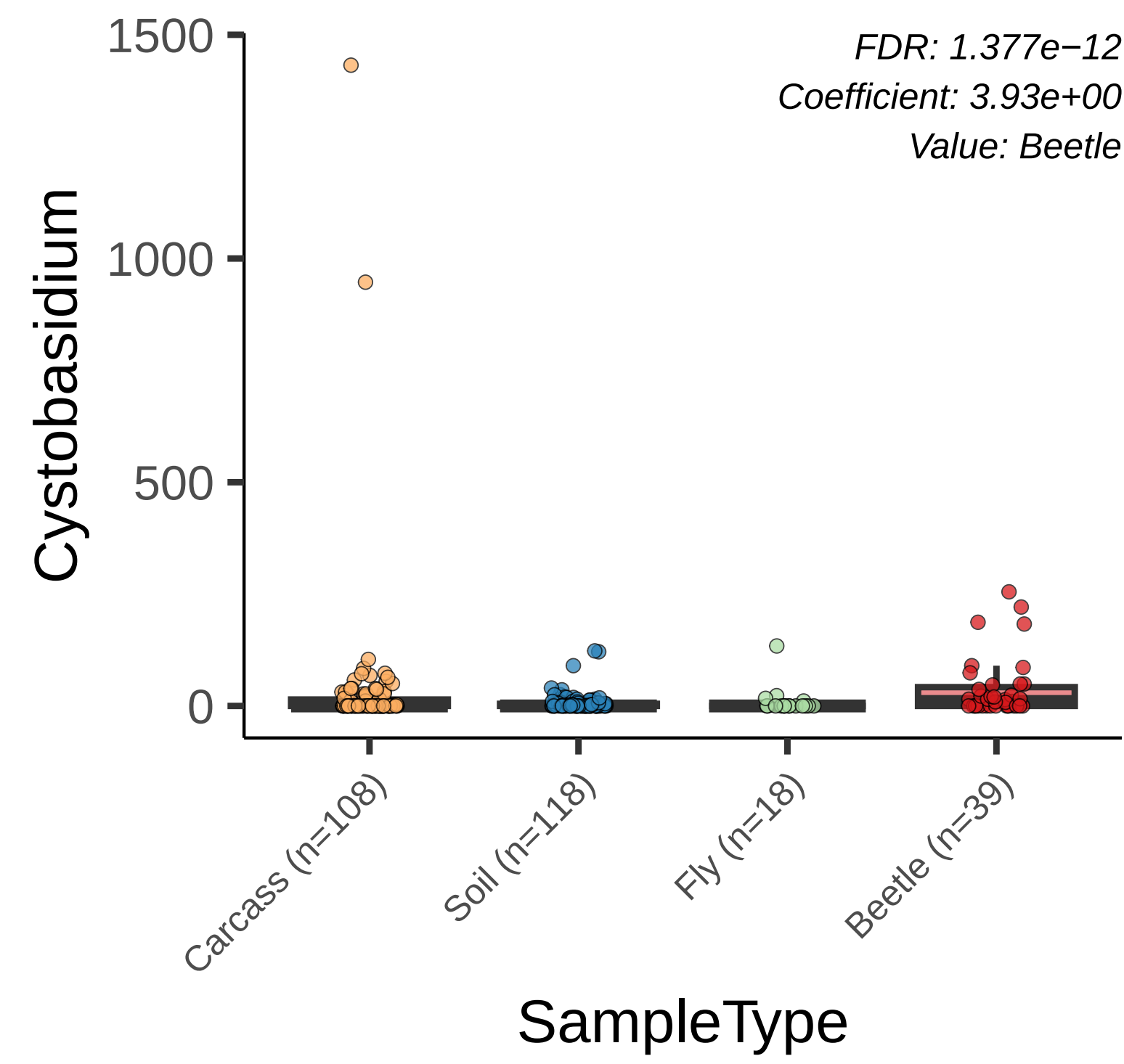

FDR: 5.183e−13
Coefficient: 2.39e+00
Value: Soil
Fuscutata
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

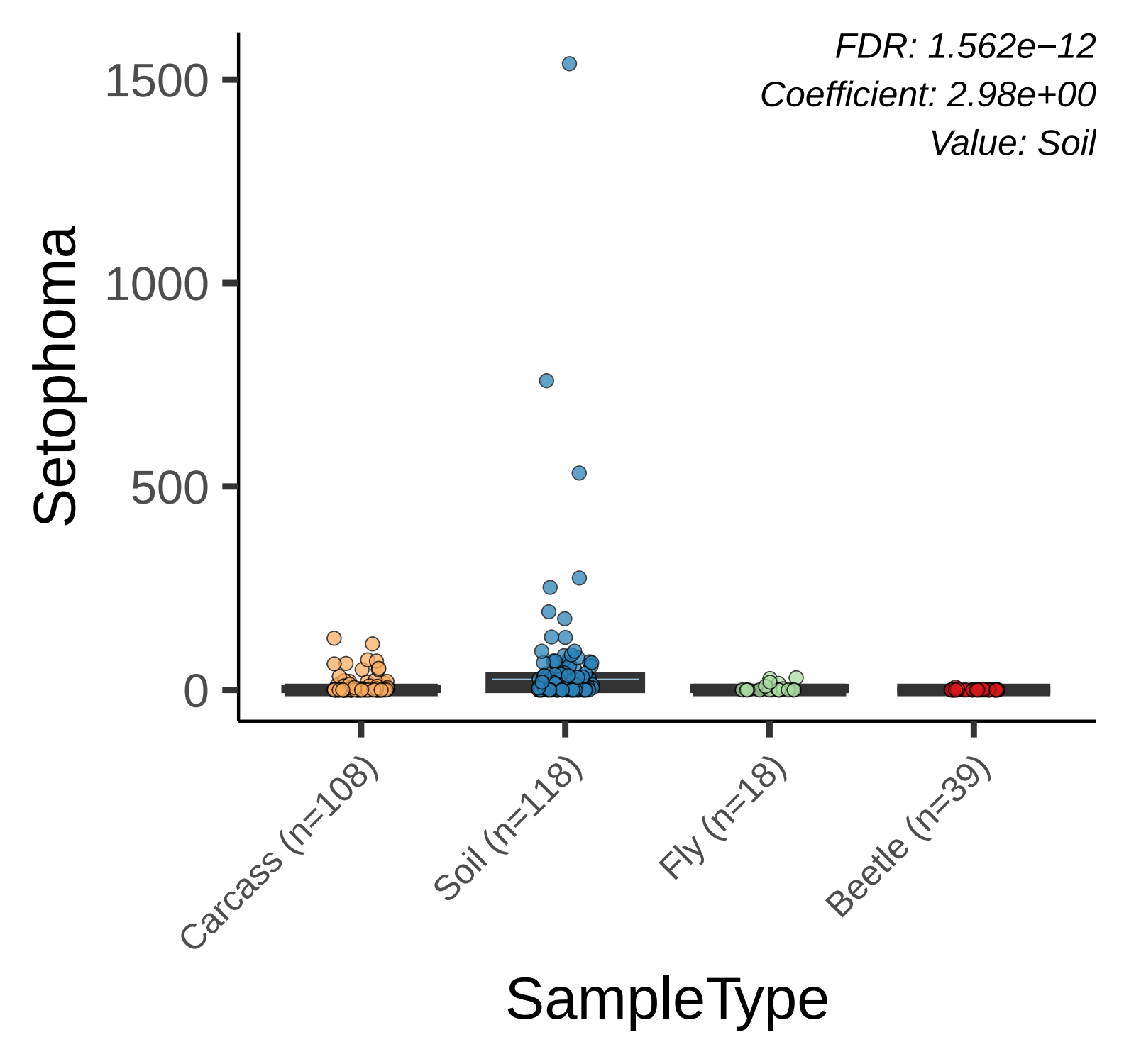

FDR: 7.057e−13
Coefficient: −2.82e+00
Value: Beetle
Ramularia
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

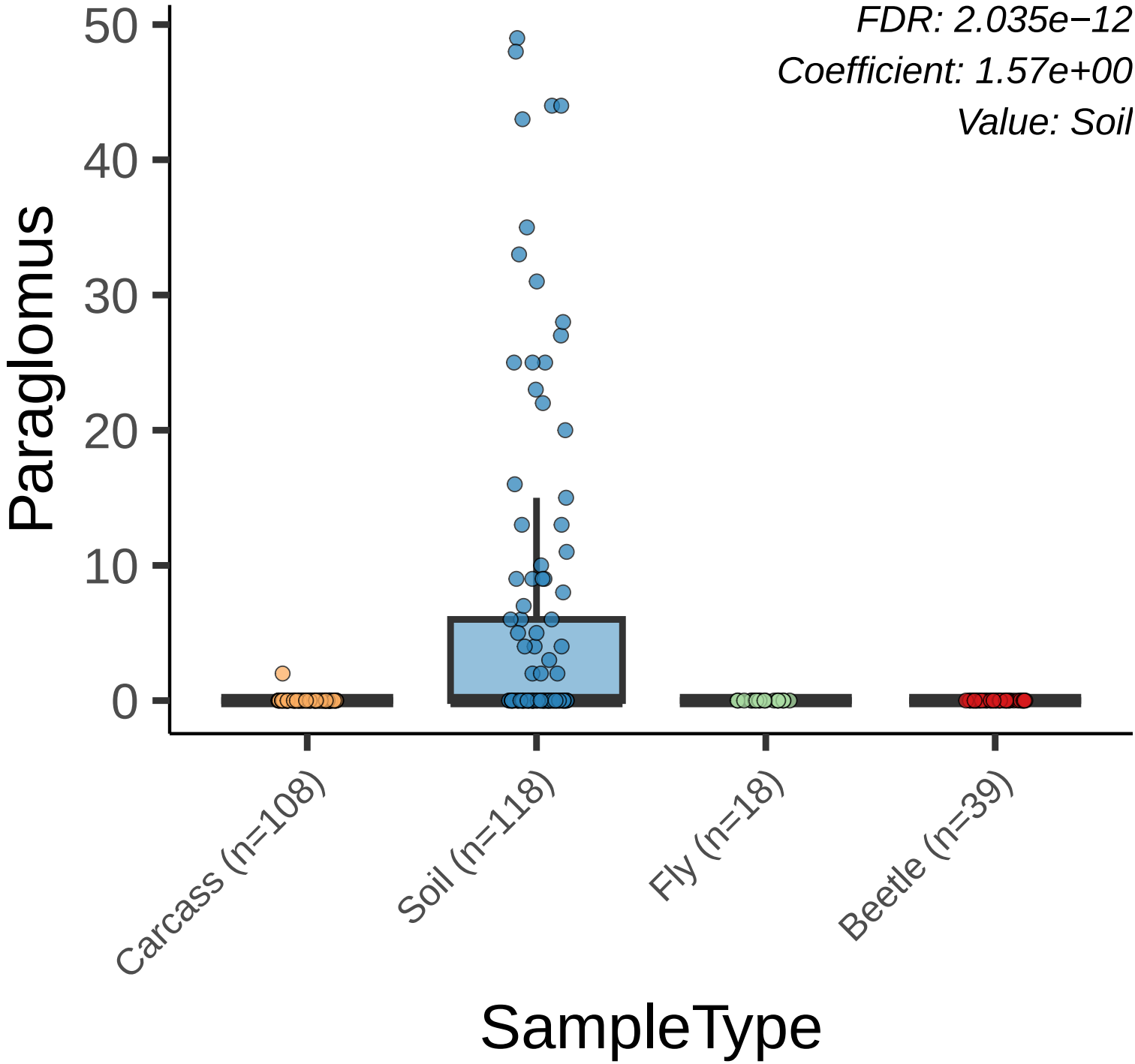

FDR: 7.057e−13
Coefficient: −3.64e+00
Value: Beetle
Talaromyces
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

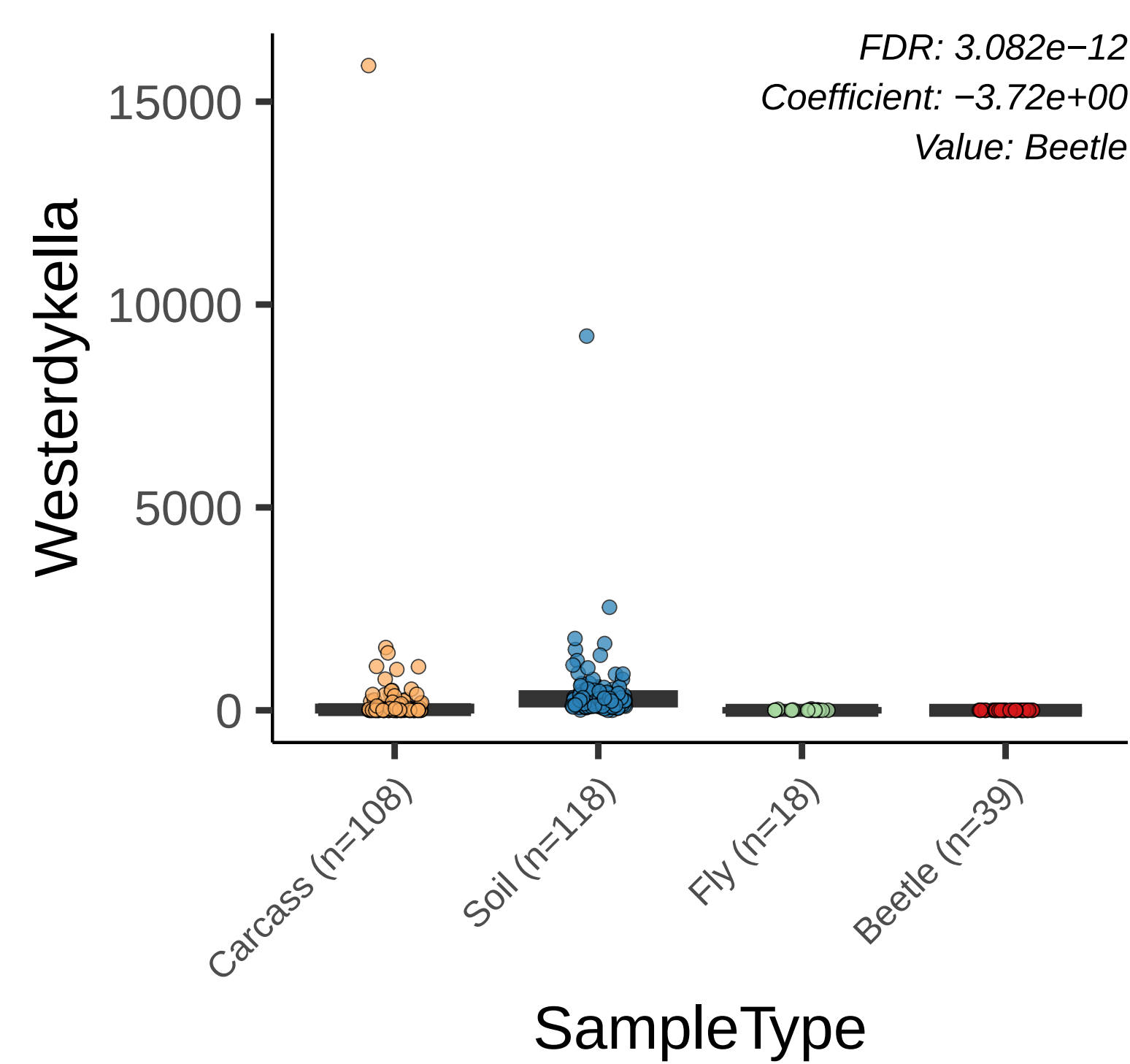

FDR: 7.536e−13
Coefficient: −3.58e+00
Value: Soil
Filobasidium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

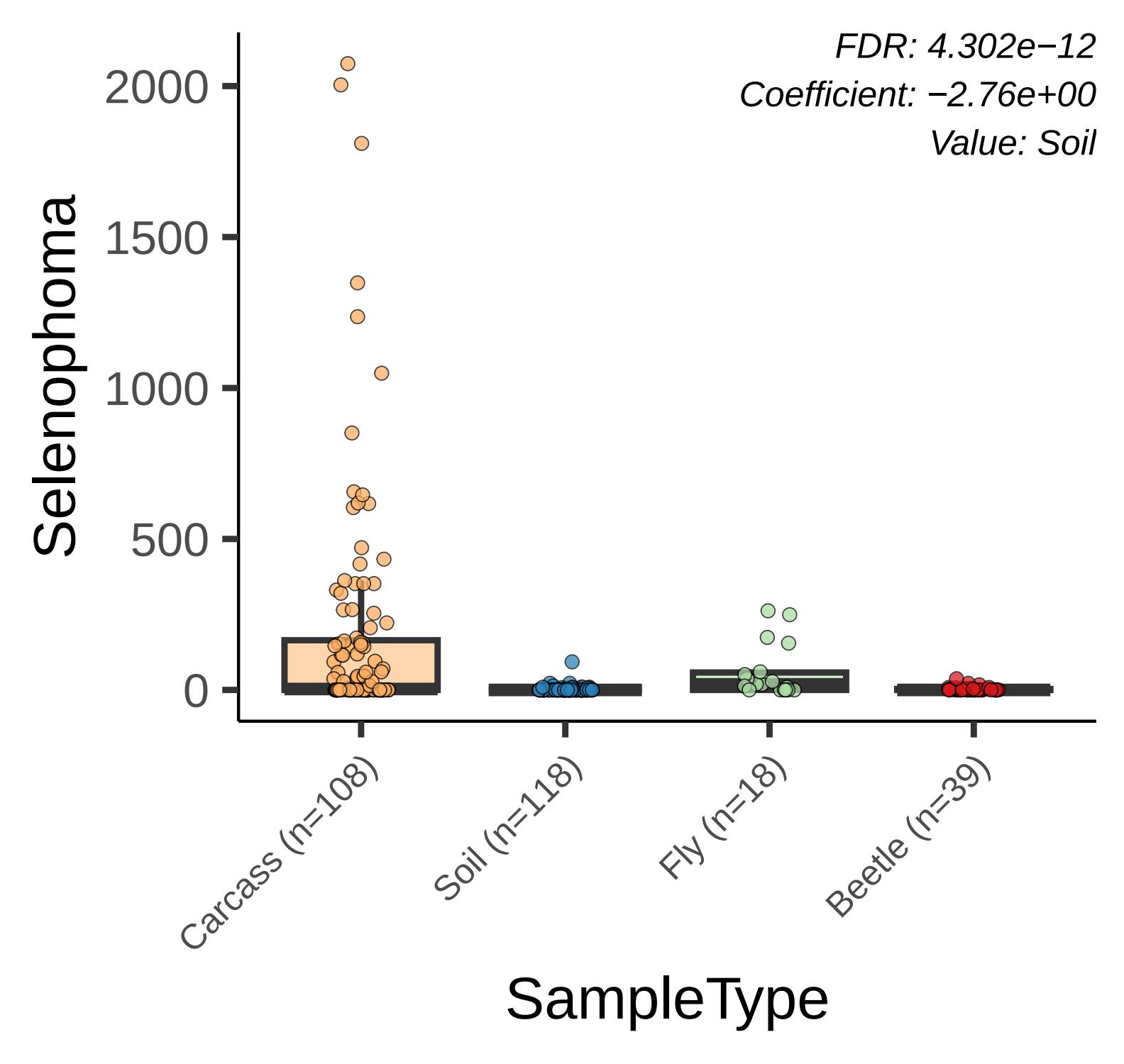

FDR: 1.094e−12
Coefficient: −4.11e+00
Value: Beetle
Odontoefibula
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

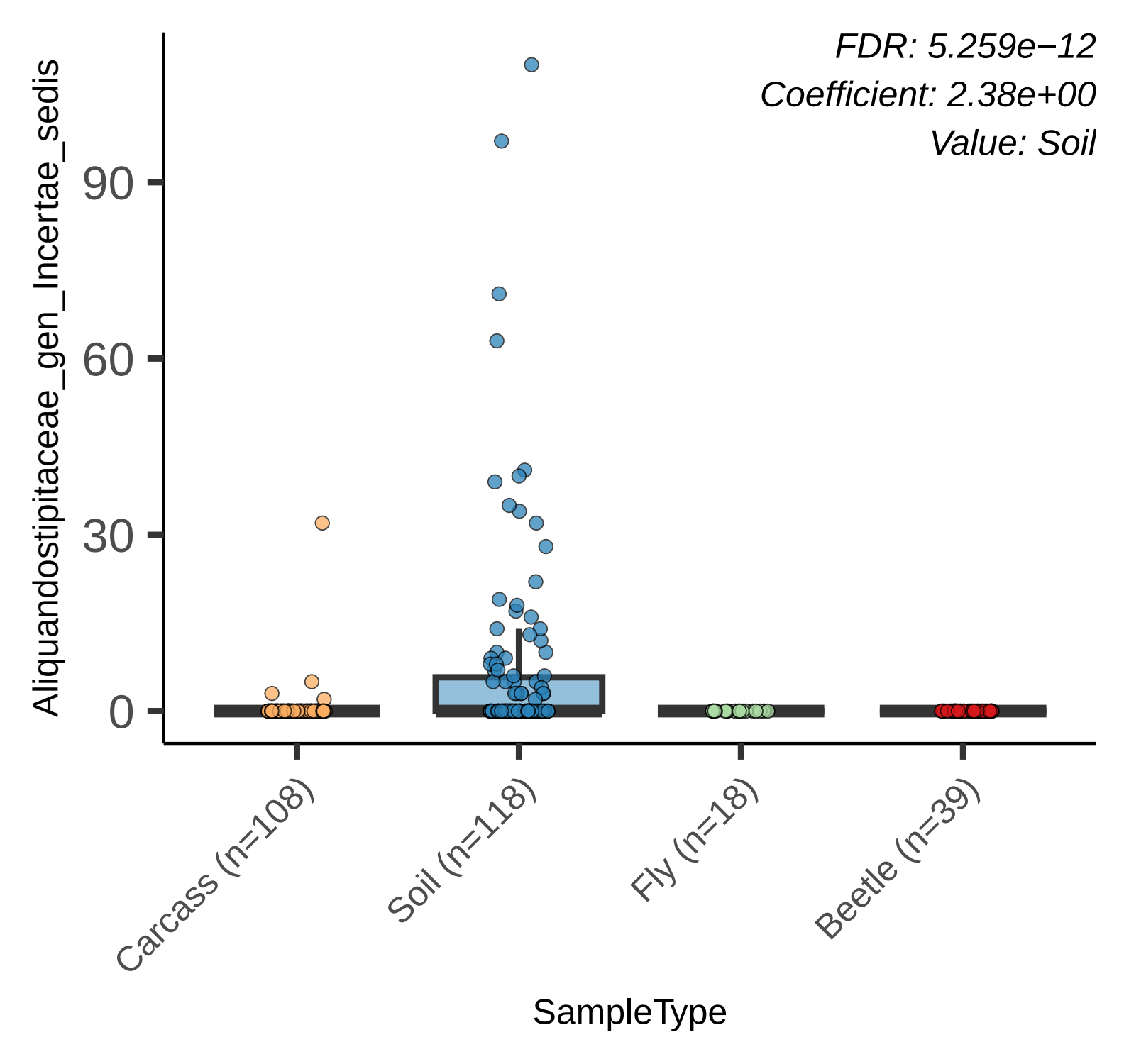

FDR: 1.377e−12
Coefficient: 3.93e+00
Value: Beetle
Cystobasidium
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

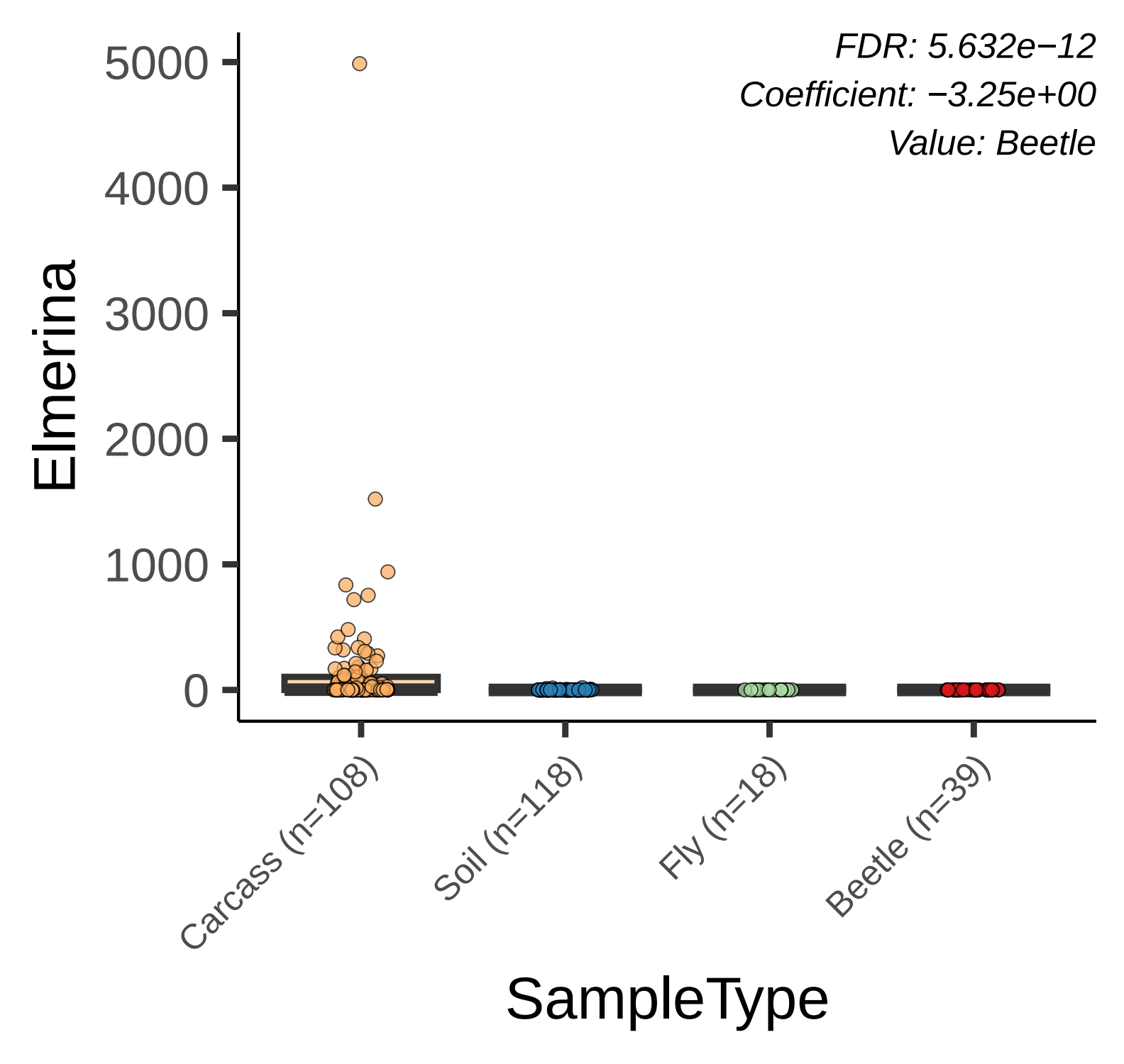

FDR: 1.562e−12
Coefficient: 2.98e+00
Value: Soil
Setophoma
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

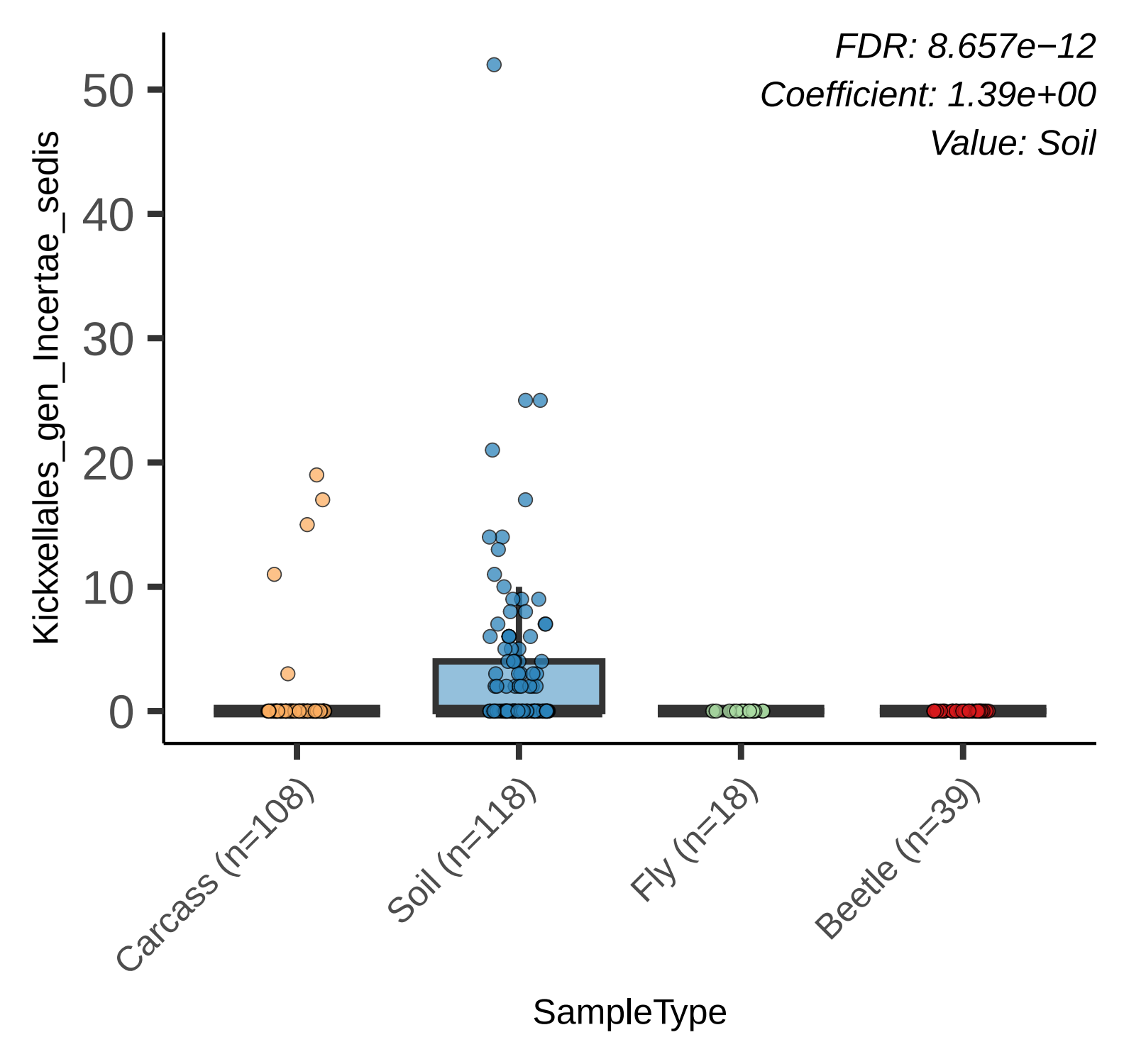

FDR: 2.035e−12
Coefficient: 1.57e+00
Value: Soil
Paraglomus
50
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

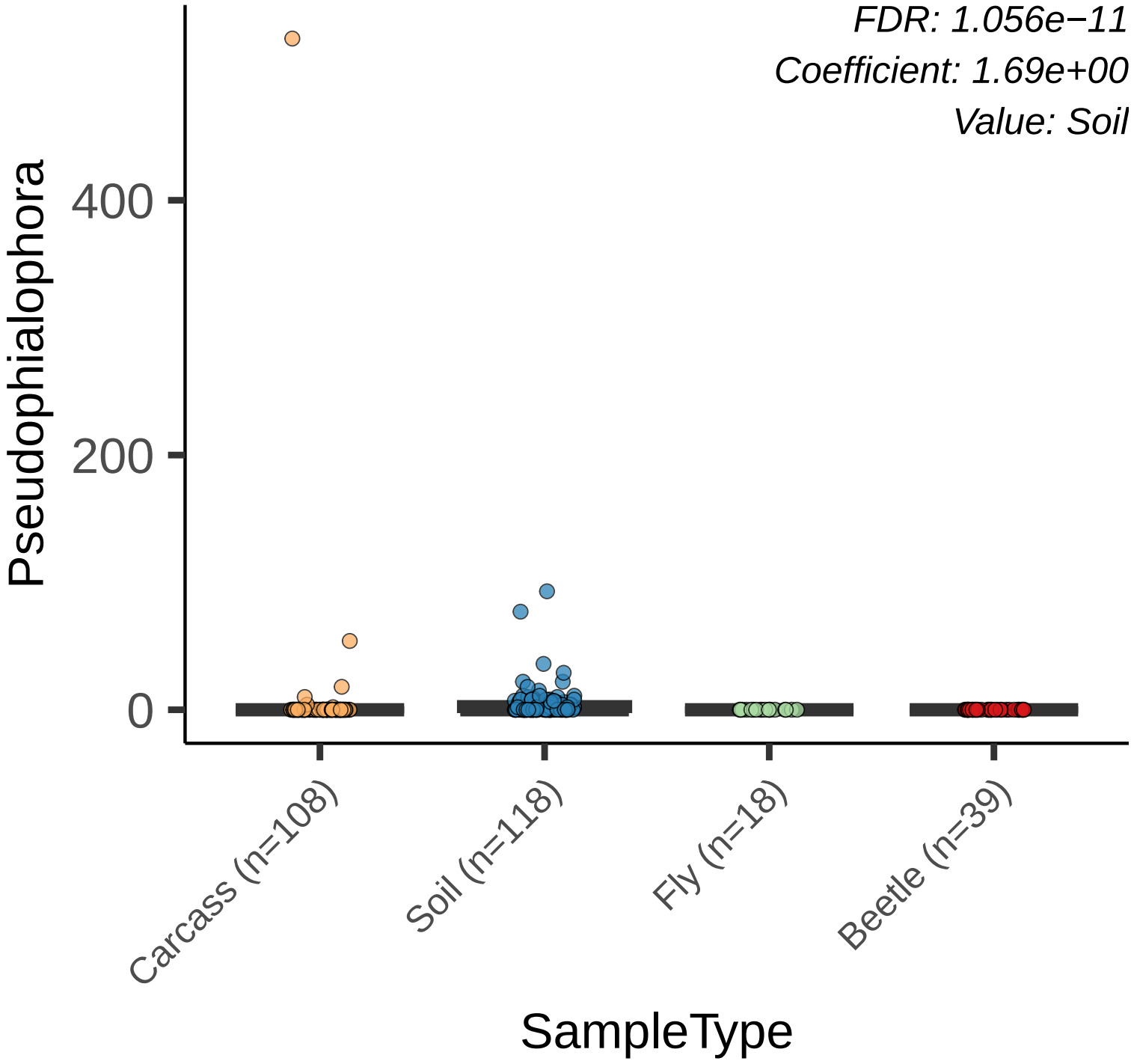

FDR: 3.082e−12
Coefficient: −3.72e+00
Value: Beetle
Westerdykella
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

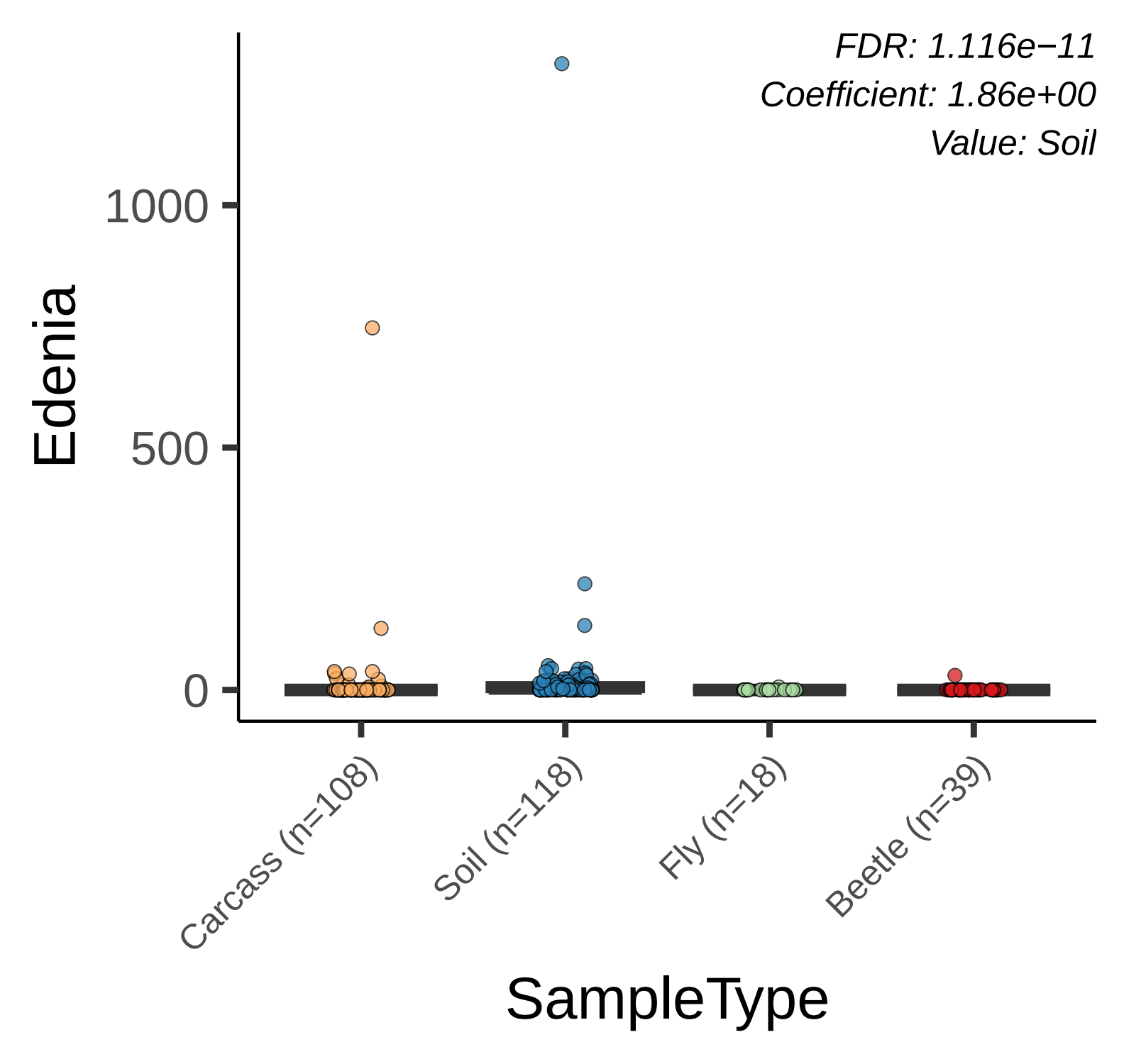

FDR: 4.302e−12
Coefficient: −2.76e+00
Value: Soil
Selenophoma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

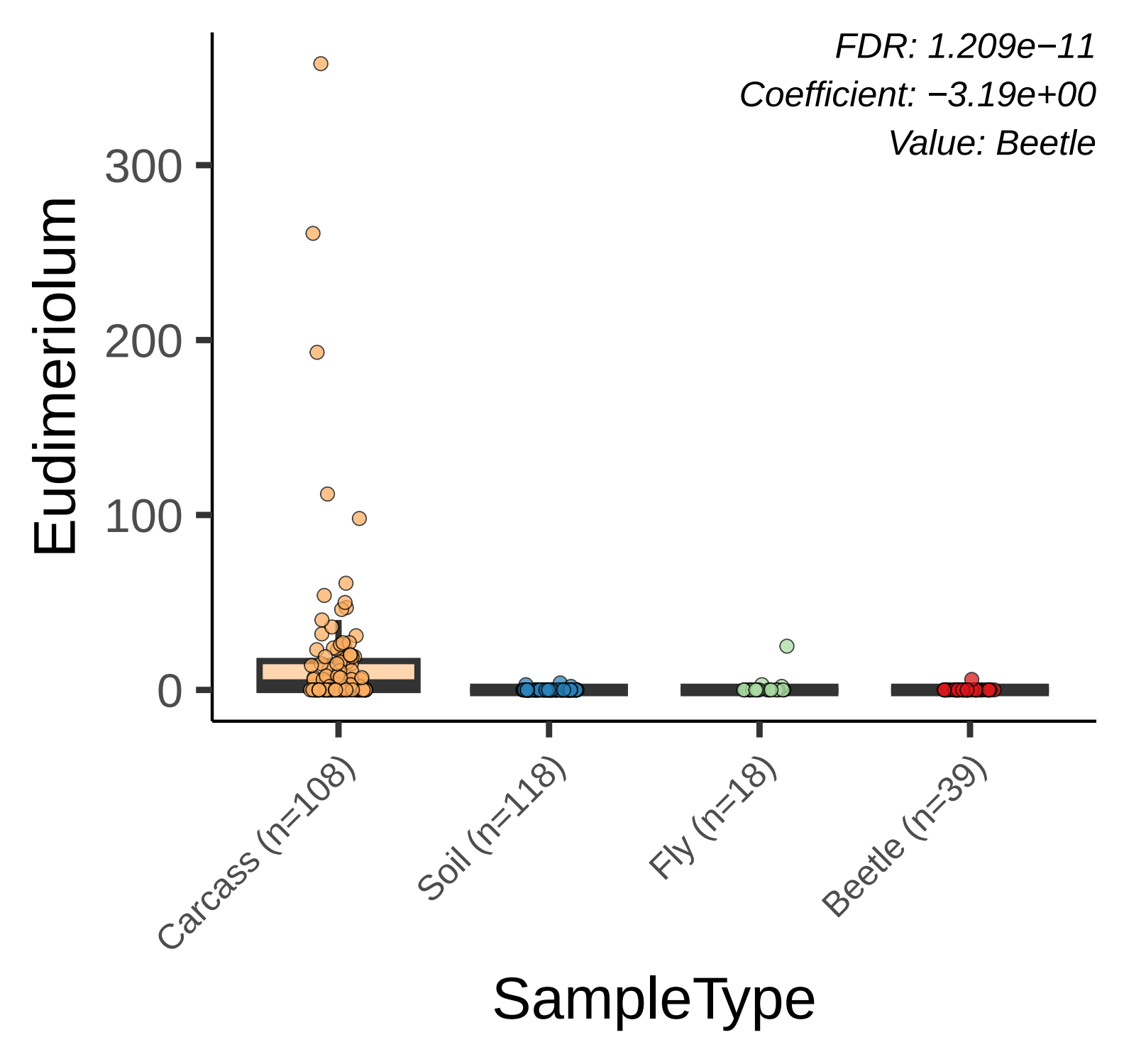

FDR: 5.259e−12
Coefficient: 2.38e+00
Value: Soil
Aliquandostipitaceae_gen_Incertae_sedis
90
60
30
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

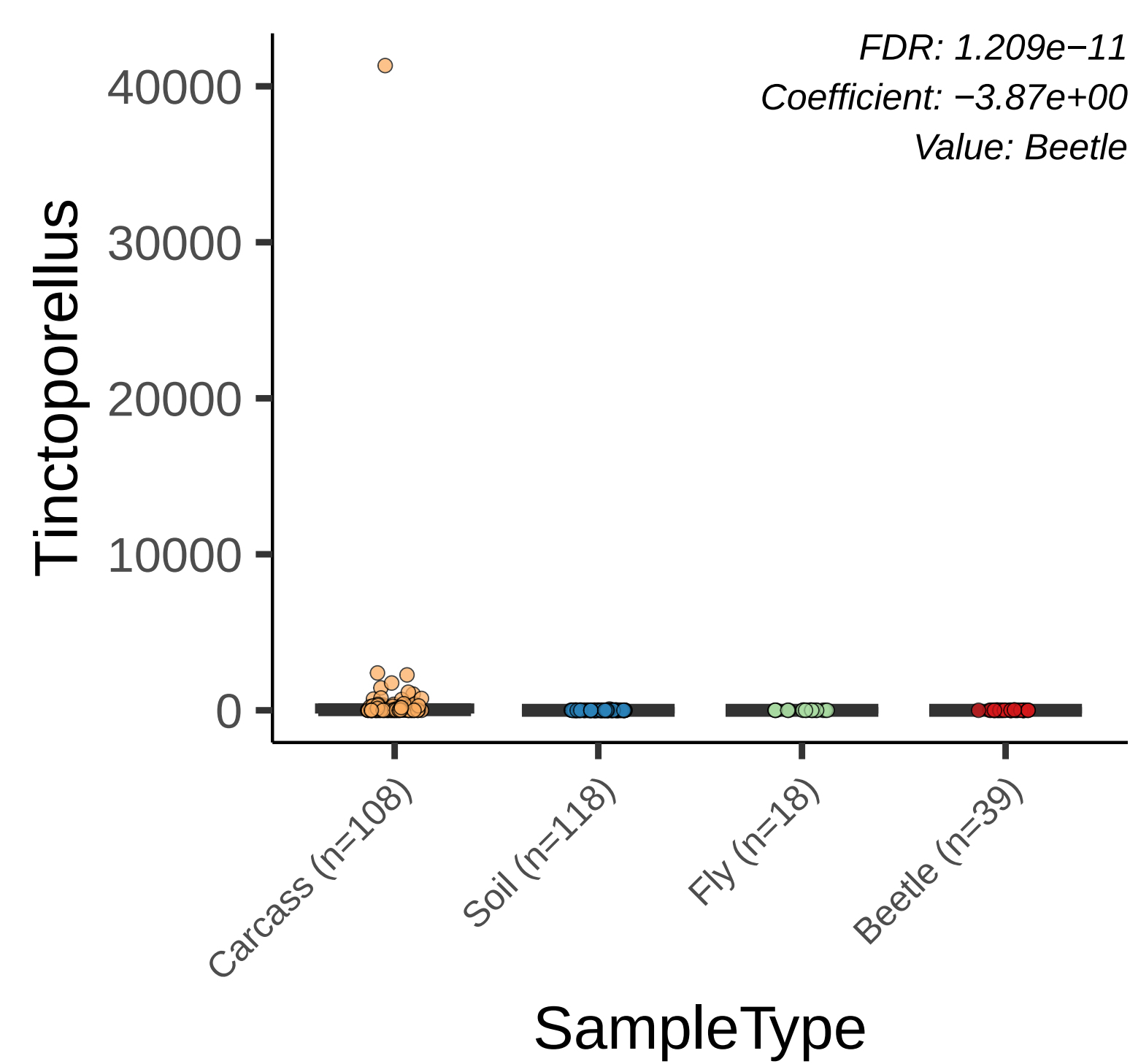

FDR: 5.632e−12
Coefficient: −3.25e+00
Value: Beetle
Elmerina
5000
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

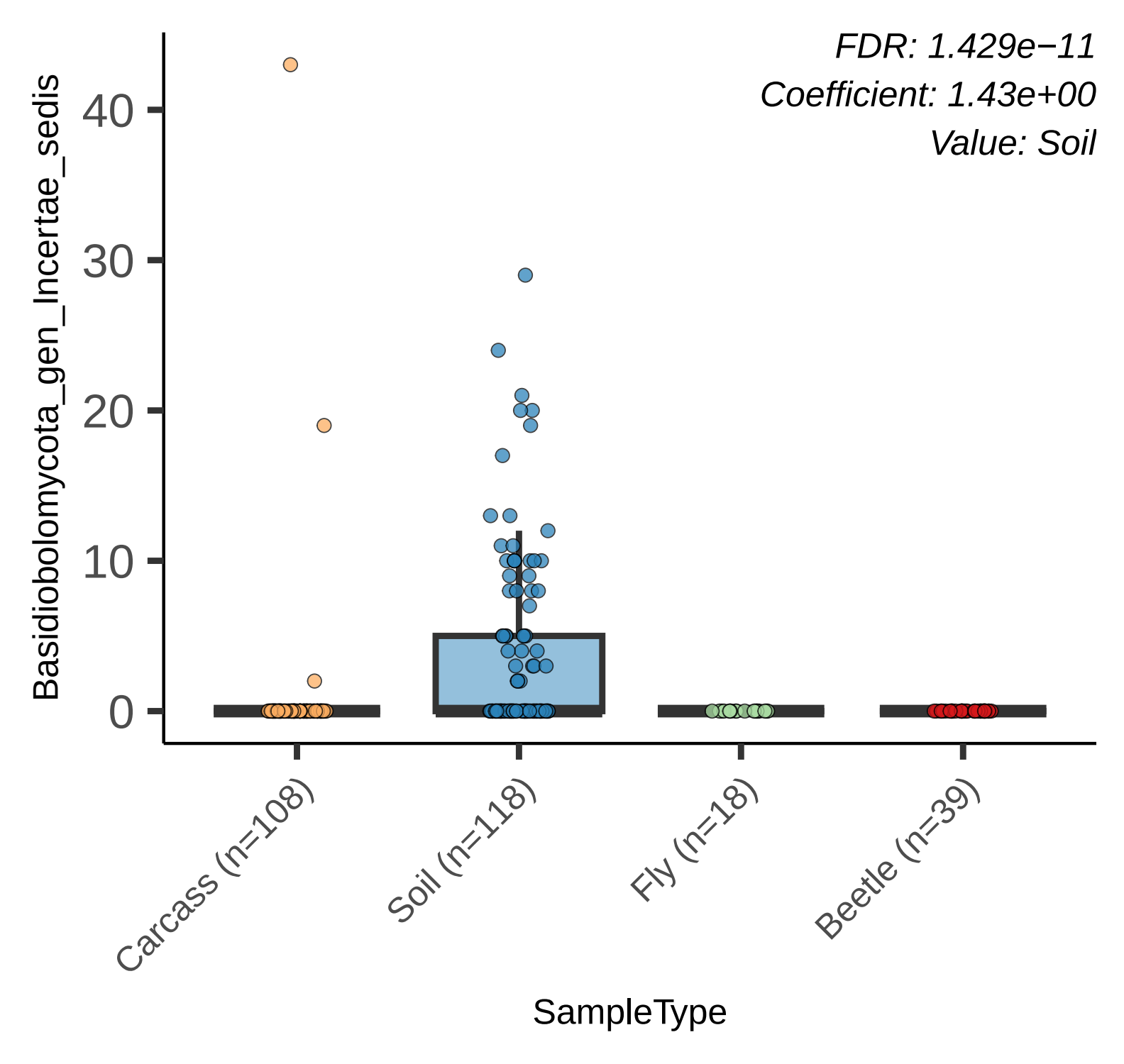

FDR: 8.657e−12
Coefficient: 1.39e+00
Value: Soil
Kickxellales_gen_Incertae_sedis
50
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

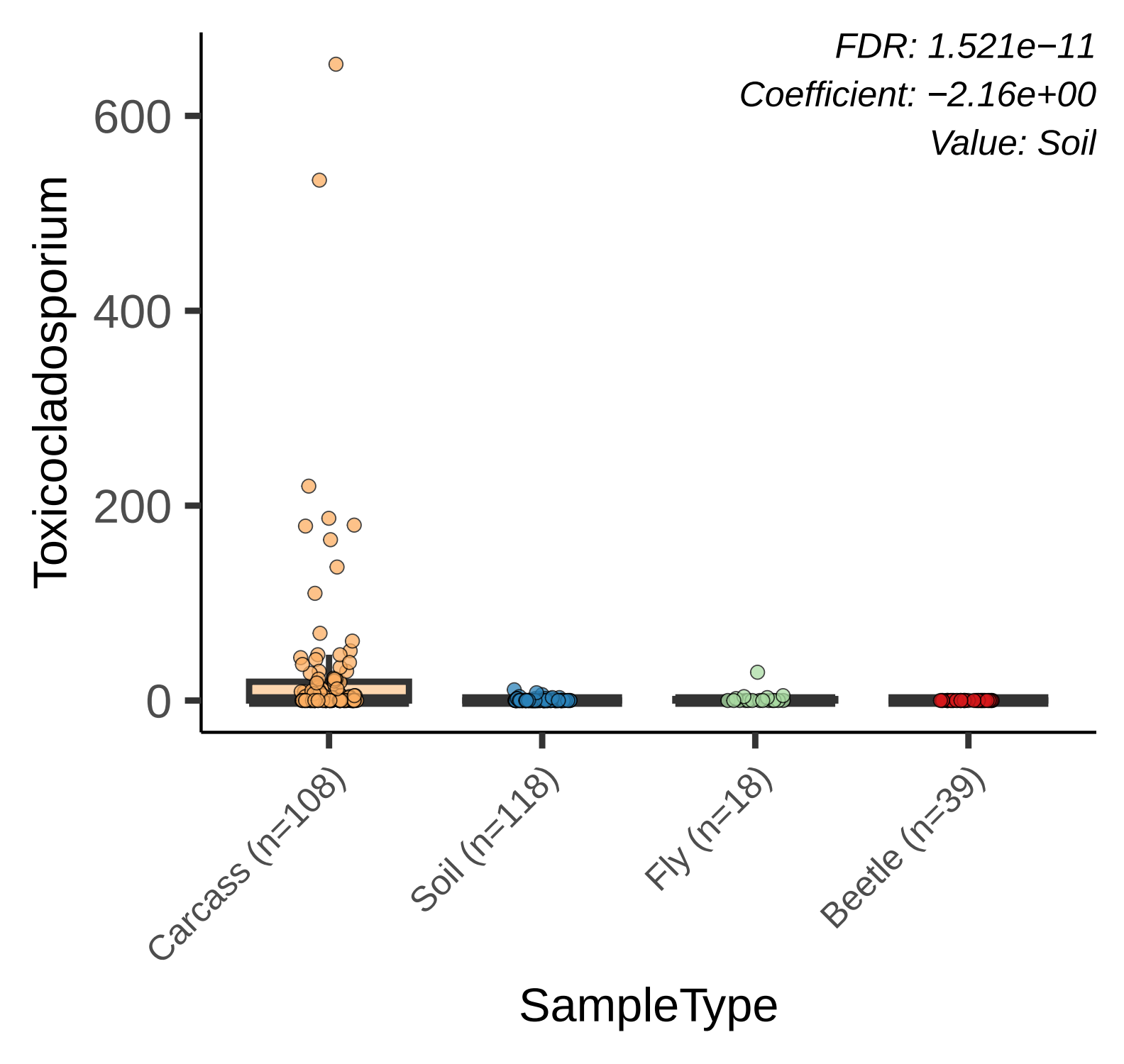

FDR: 1.056e−11
Coefficient: 1.69e+00
Value: Soil
Pseudophialophora
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

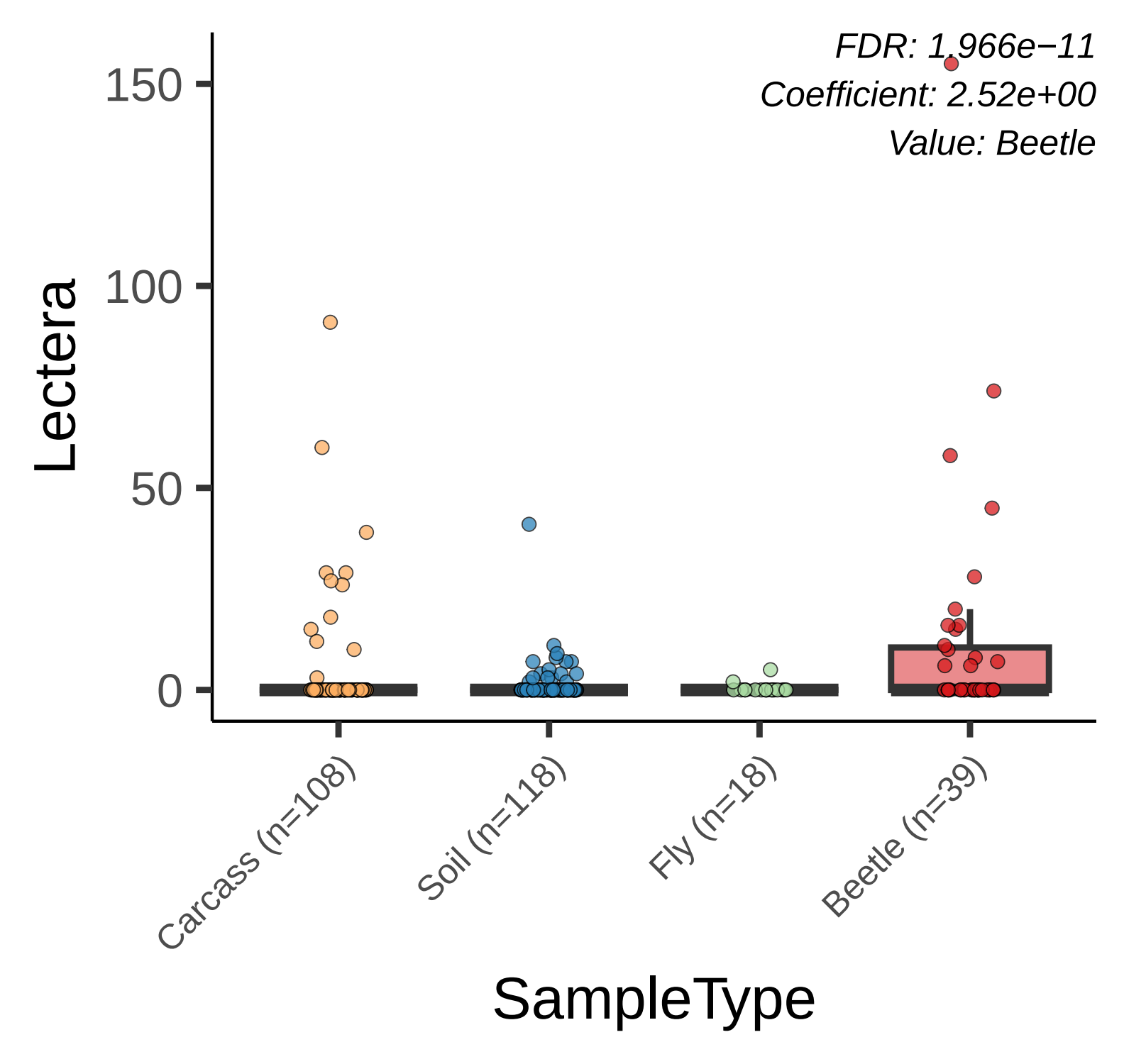

FDR: 1.116e−11
Coefficient: 1.86e+00
Value: Soil
Edenia
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

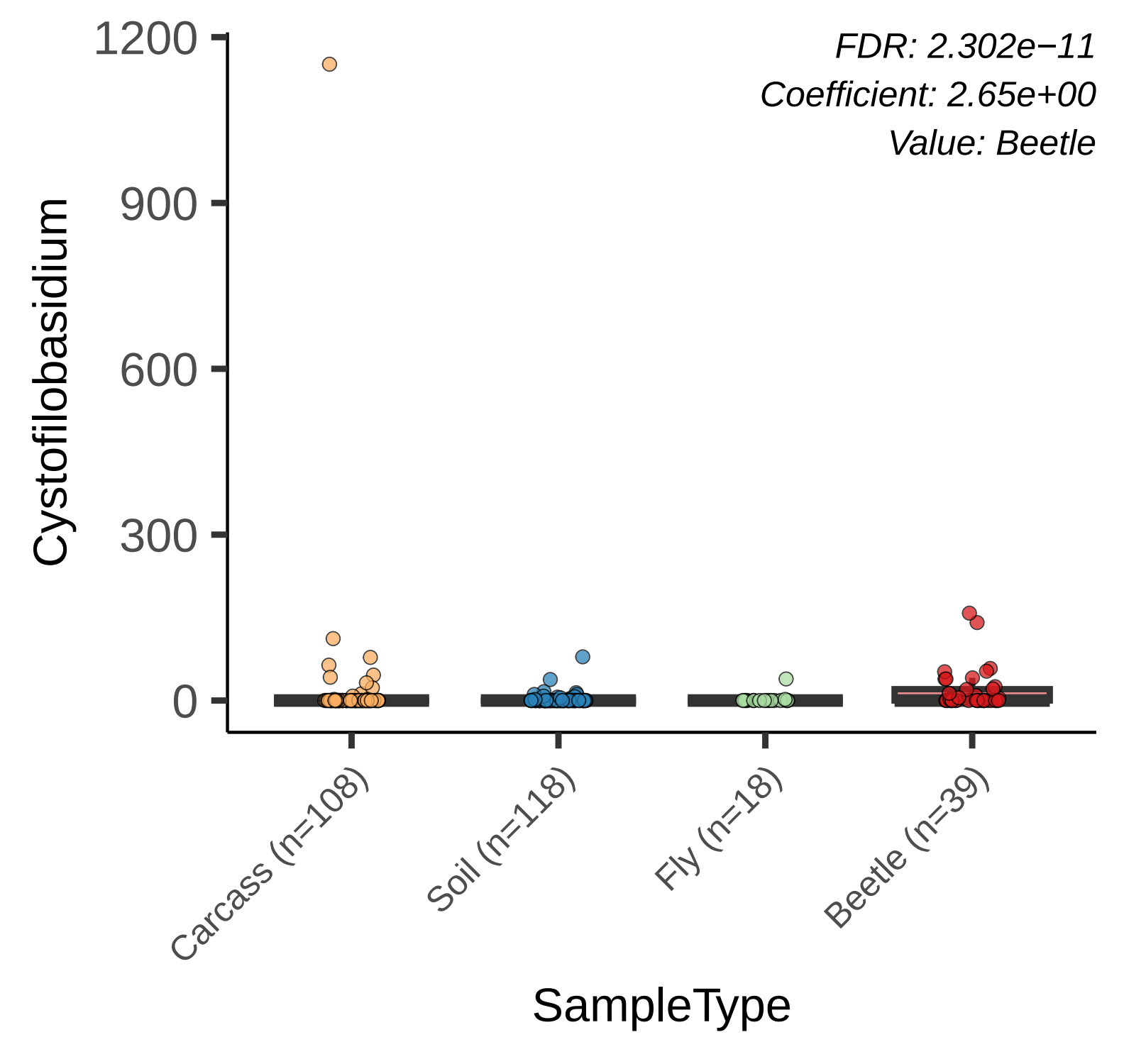

FDR: 1.209e−11
Coefficient: −3.19e+00
Value: Beetle
Eudimeriolum
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

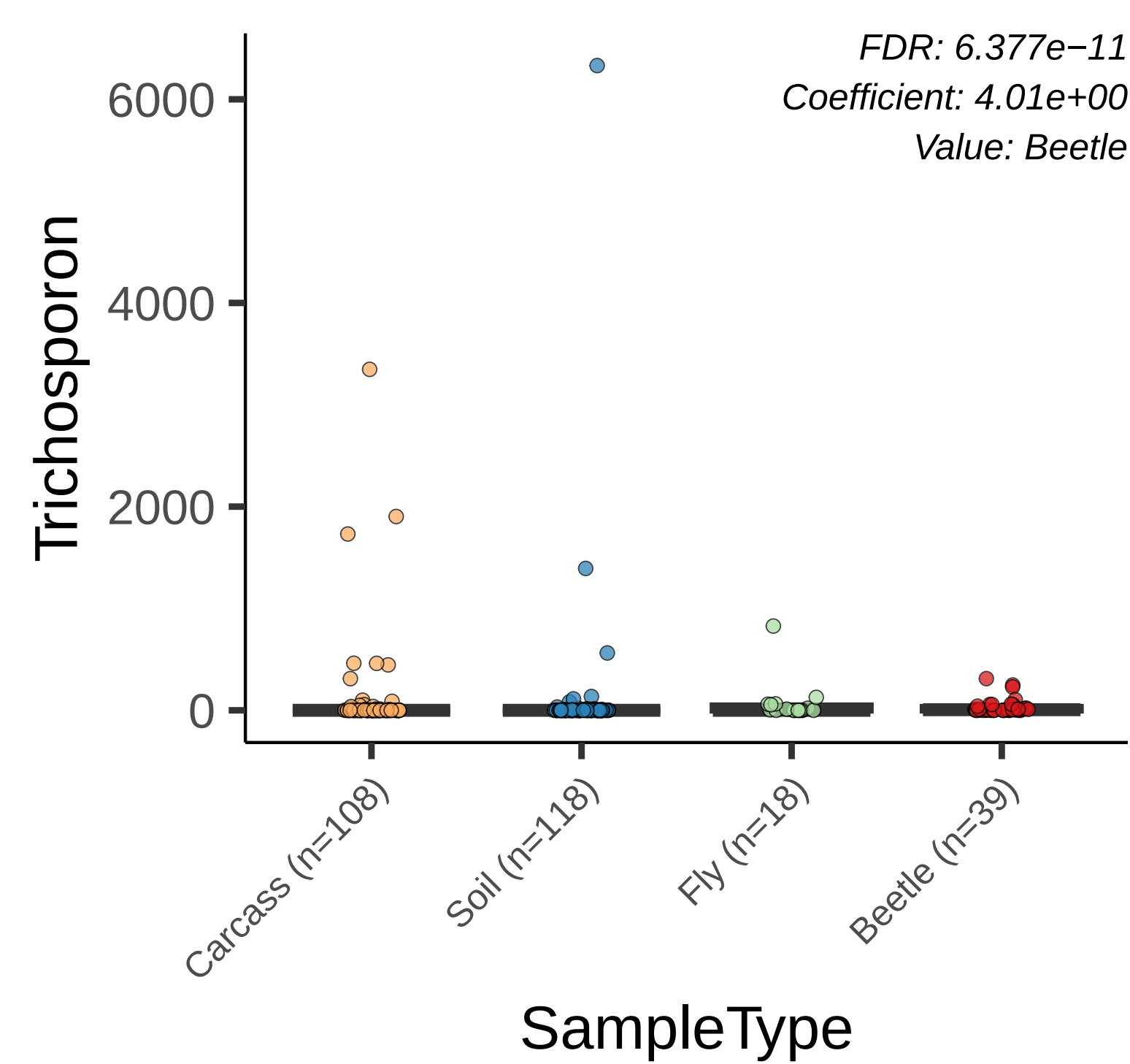

FDR: 1.209e−11
Coefficient: −3.87e+00
Value: Beetle
Tinctoporellus
40000
30000
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

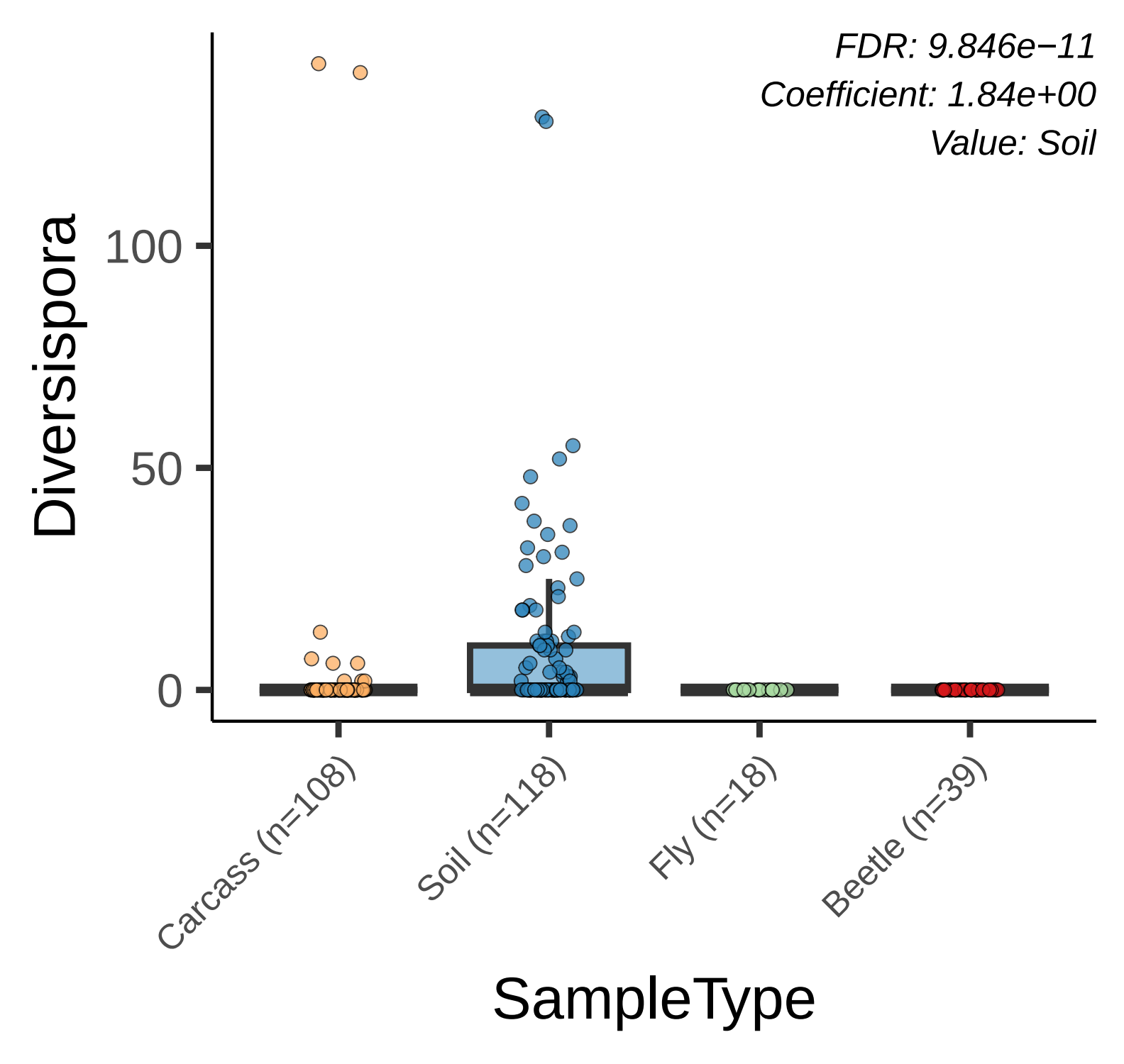

FDR: 1.429e−11
Coefficient: 1.43e+00
Value: Soil
Basidiobolomycota_gen_Incertae_sedis
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

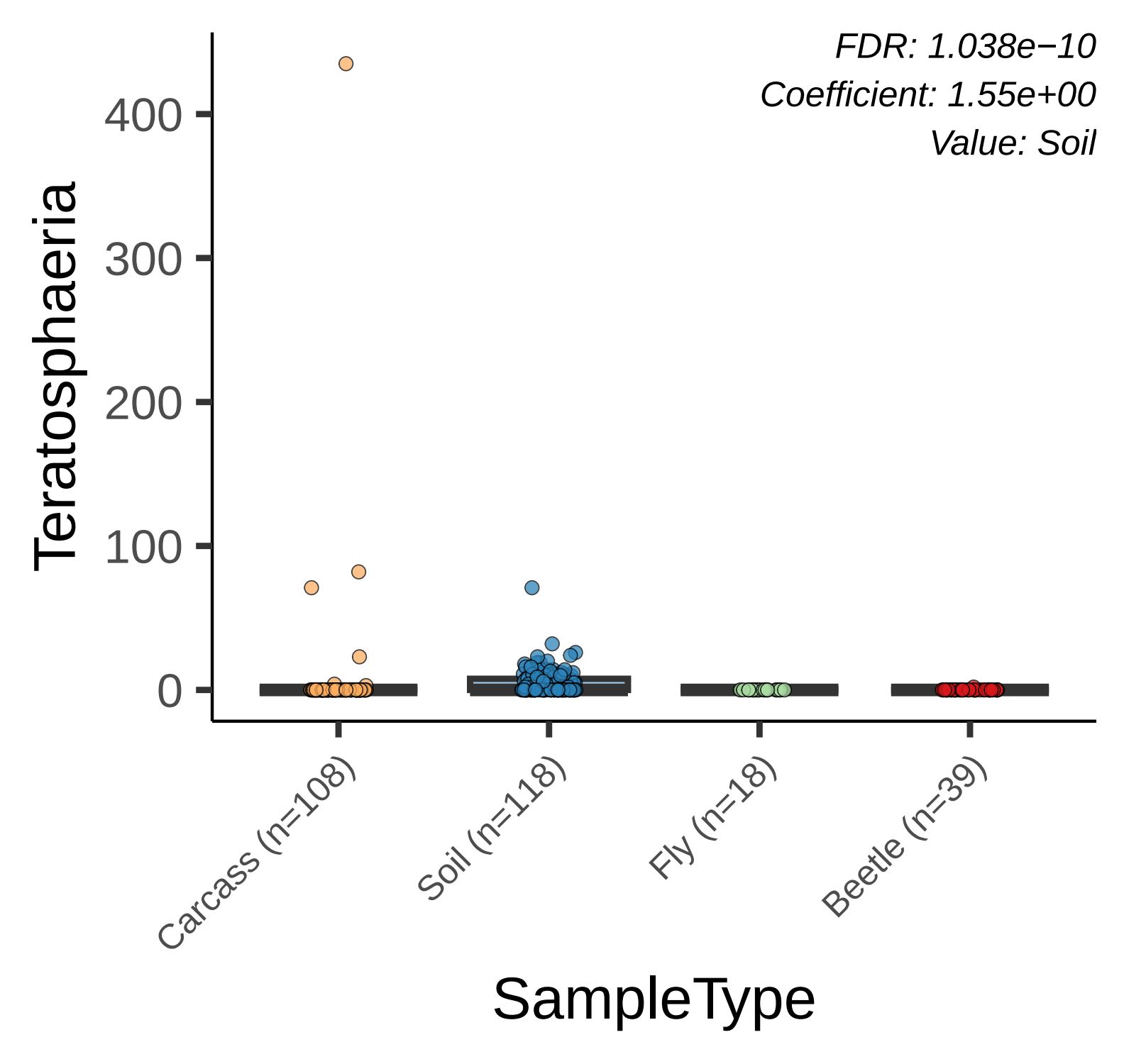

FDR: 1.521e−11
Coefficient: −2.16e+00
Value: Soil
Toxicocladosporium
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

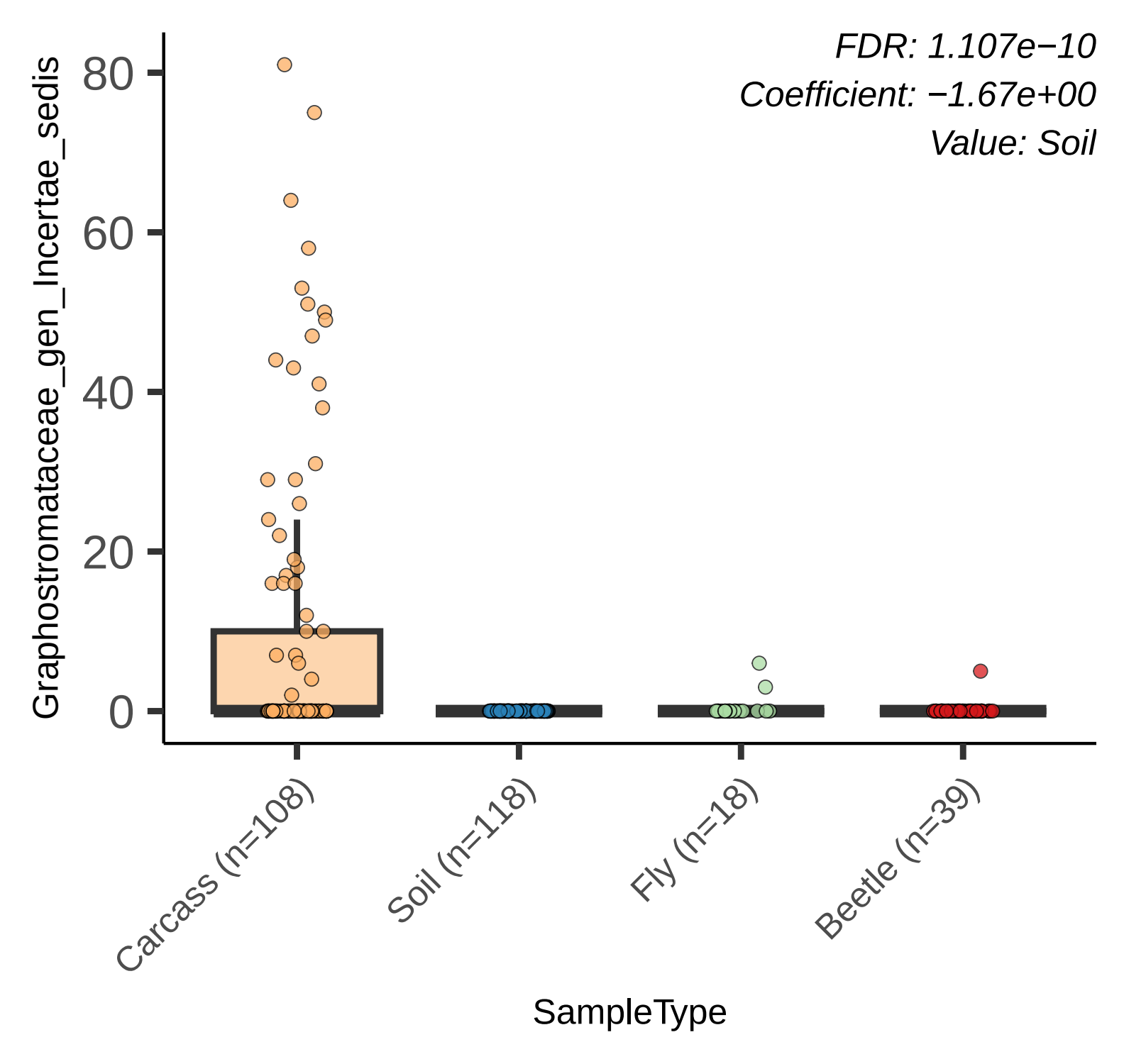

FDR: 1.966e−11
Coefficient: 2.52e+00
Value: Beetle
Lectera
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

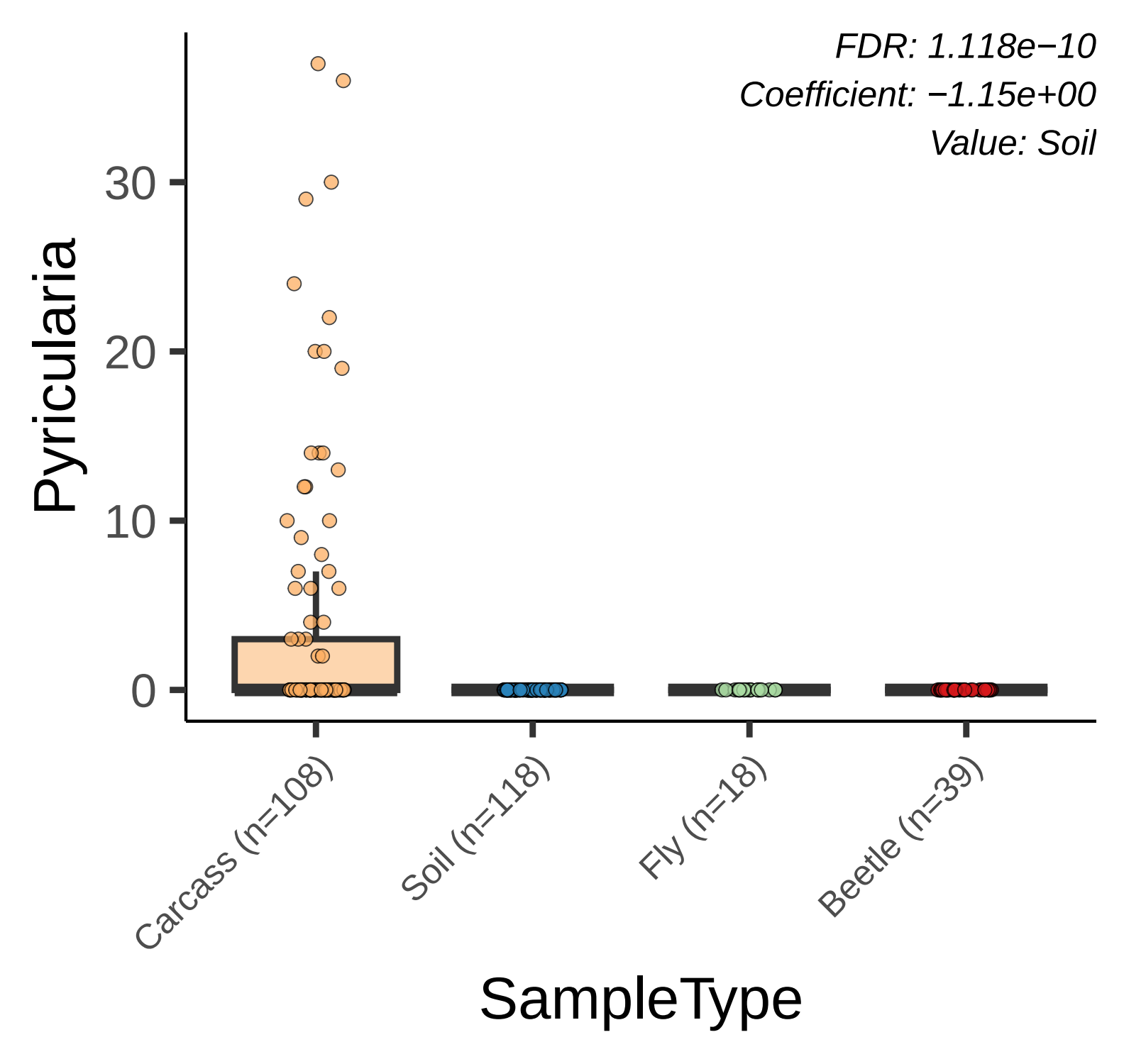

FDR: 2.302e−11
Coefficient: 2.65e+00
Value: Beetle
Cystofilobasidium
1200
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

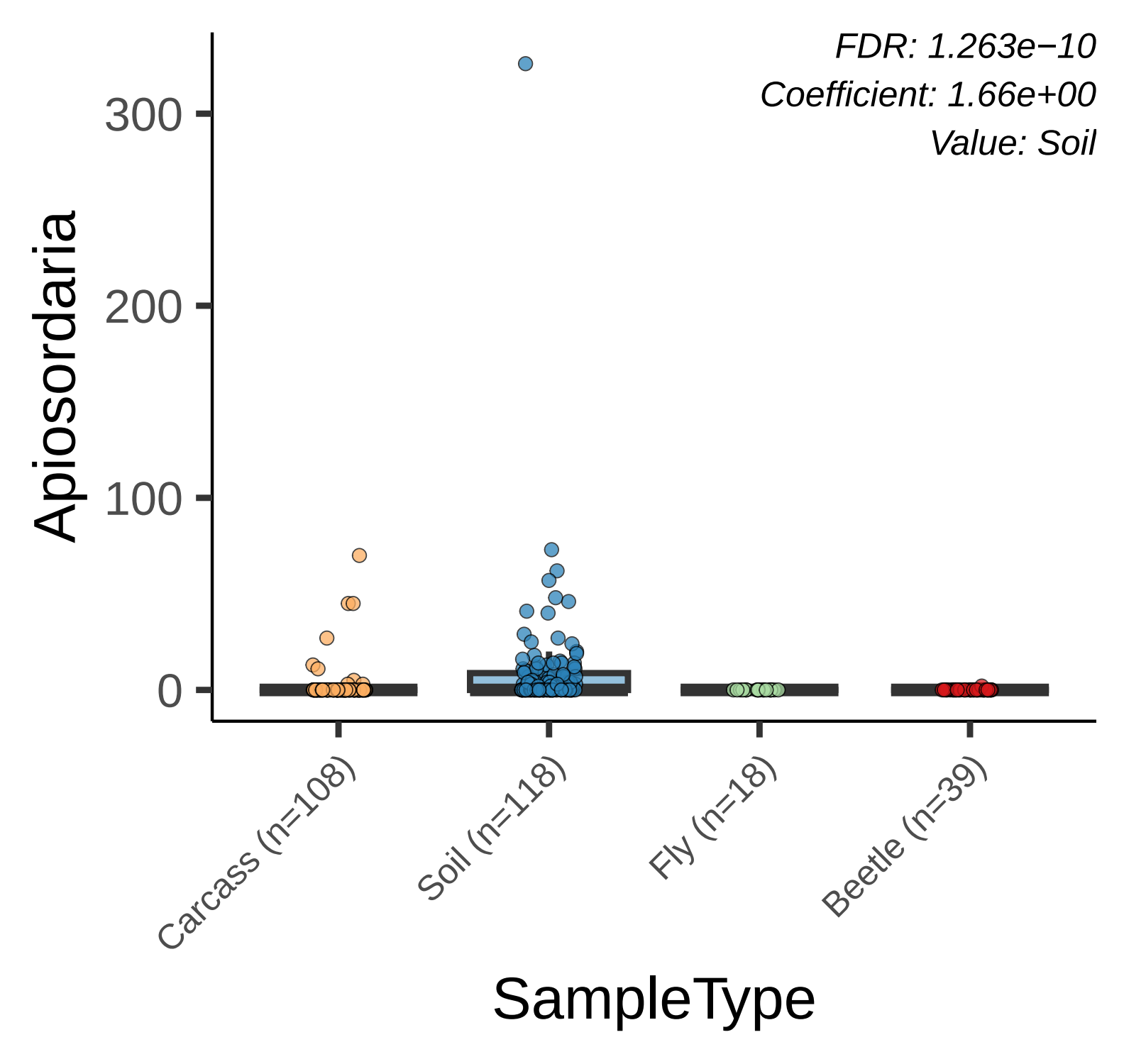

FDR: 6.377e−11
Coefficient: 4.01e+00
Value: Beetle
Trichosporon
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

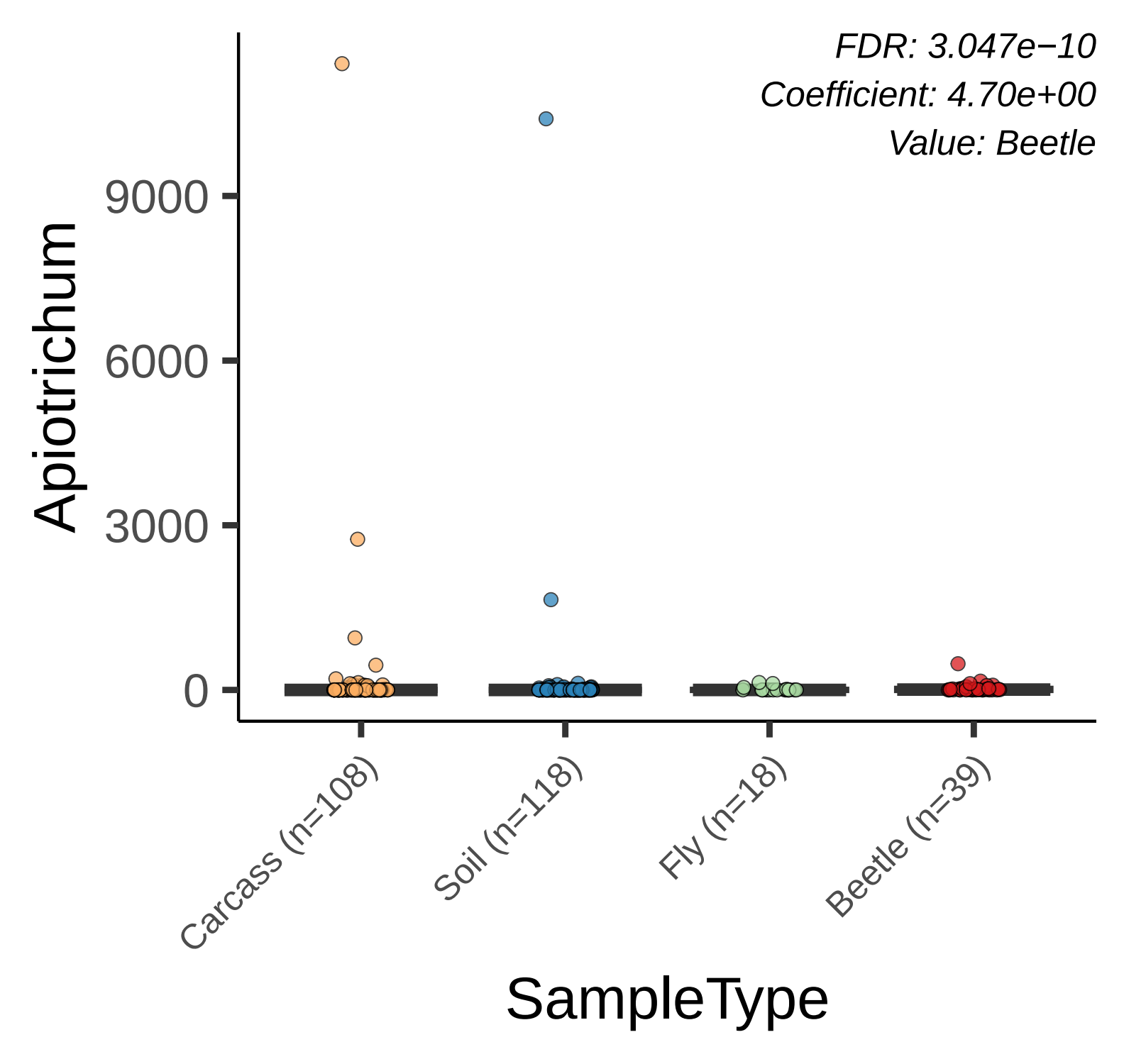

FDR: 9.846e−11
Coefficient: 1.84e+00
Value: Soil
Diversispora
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

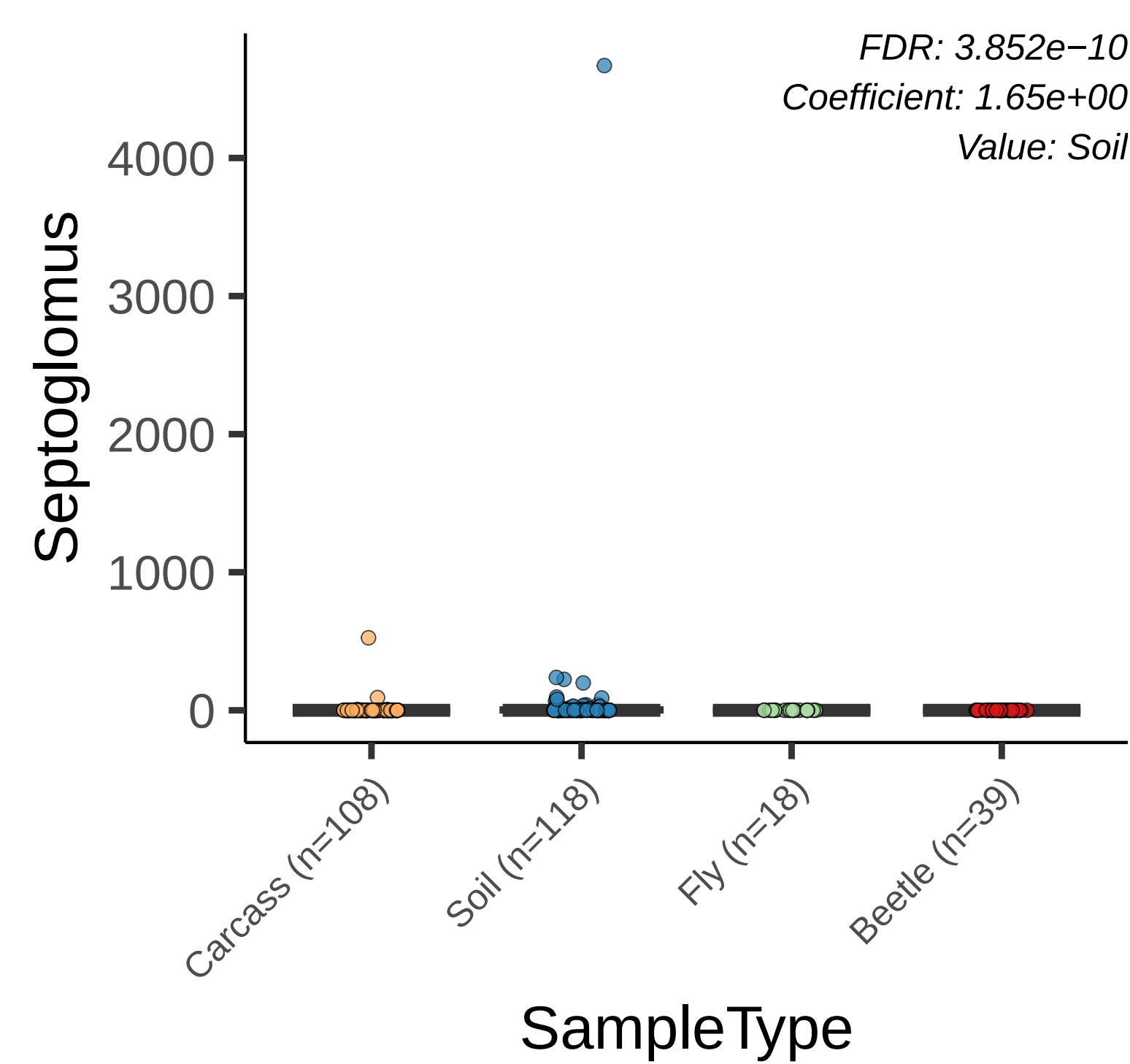

FDR: 1.038e−10
Coefficient: 1.55e+00
Value: Soil
Teratosphaeria
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

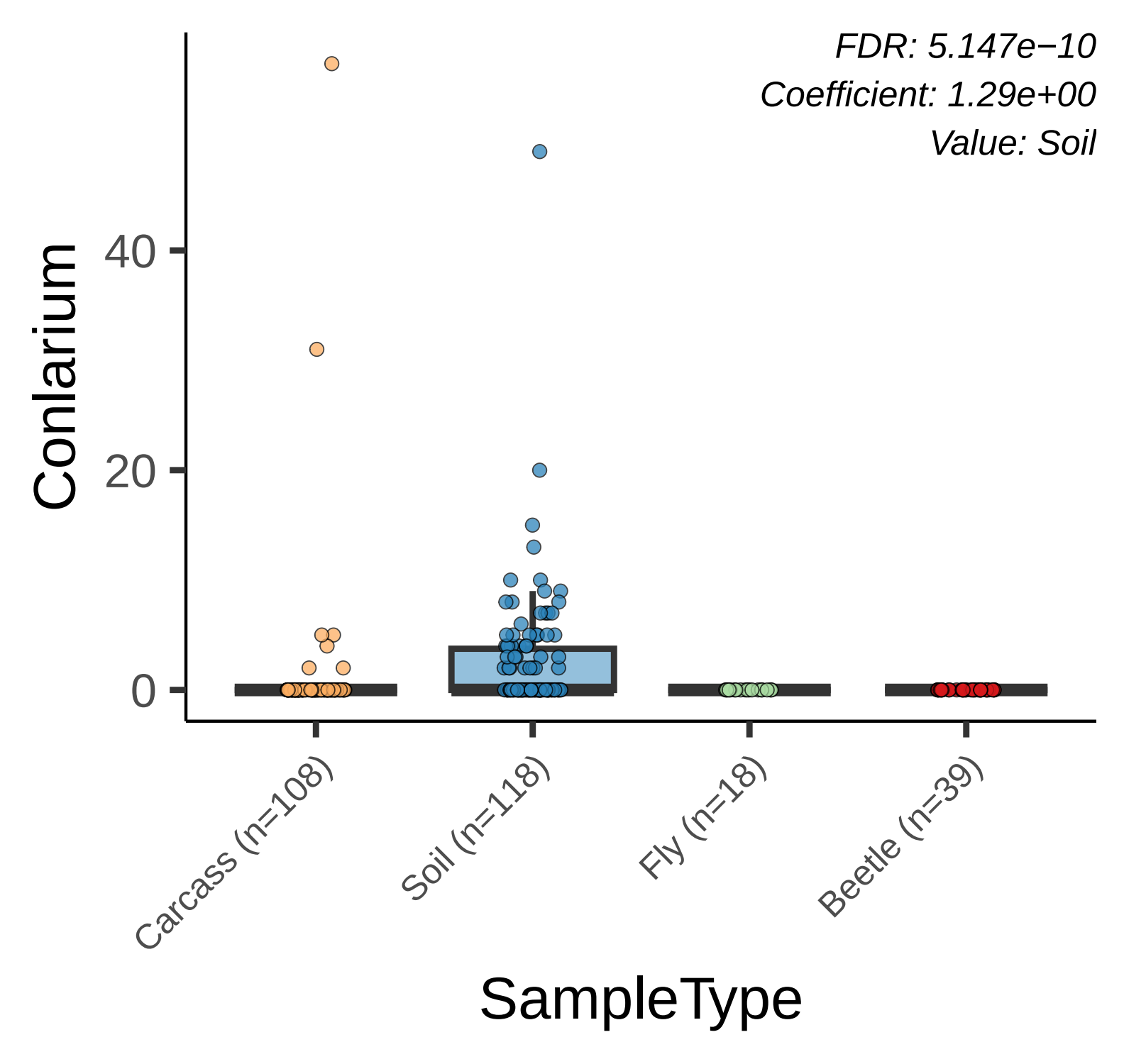

FDR: 1.107e−10
Coefficient: −1.67e+00
Value: Soil
Graphostromataceae_gen_Incertae_sedis
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

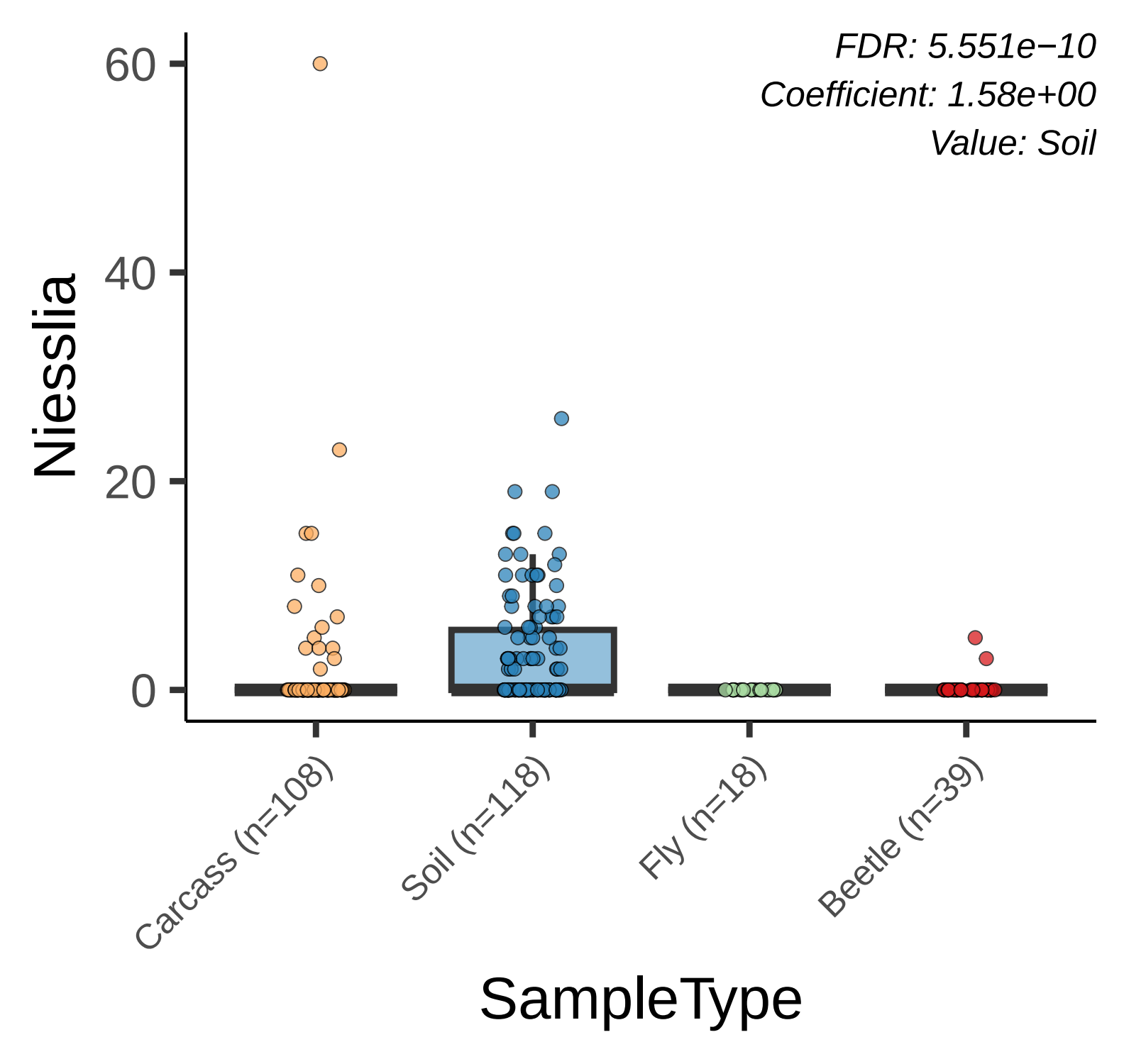

FDR: 1.118e−10
Coefficient: −1.15e+00
Value: Soil
Pyricularia
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

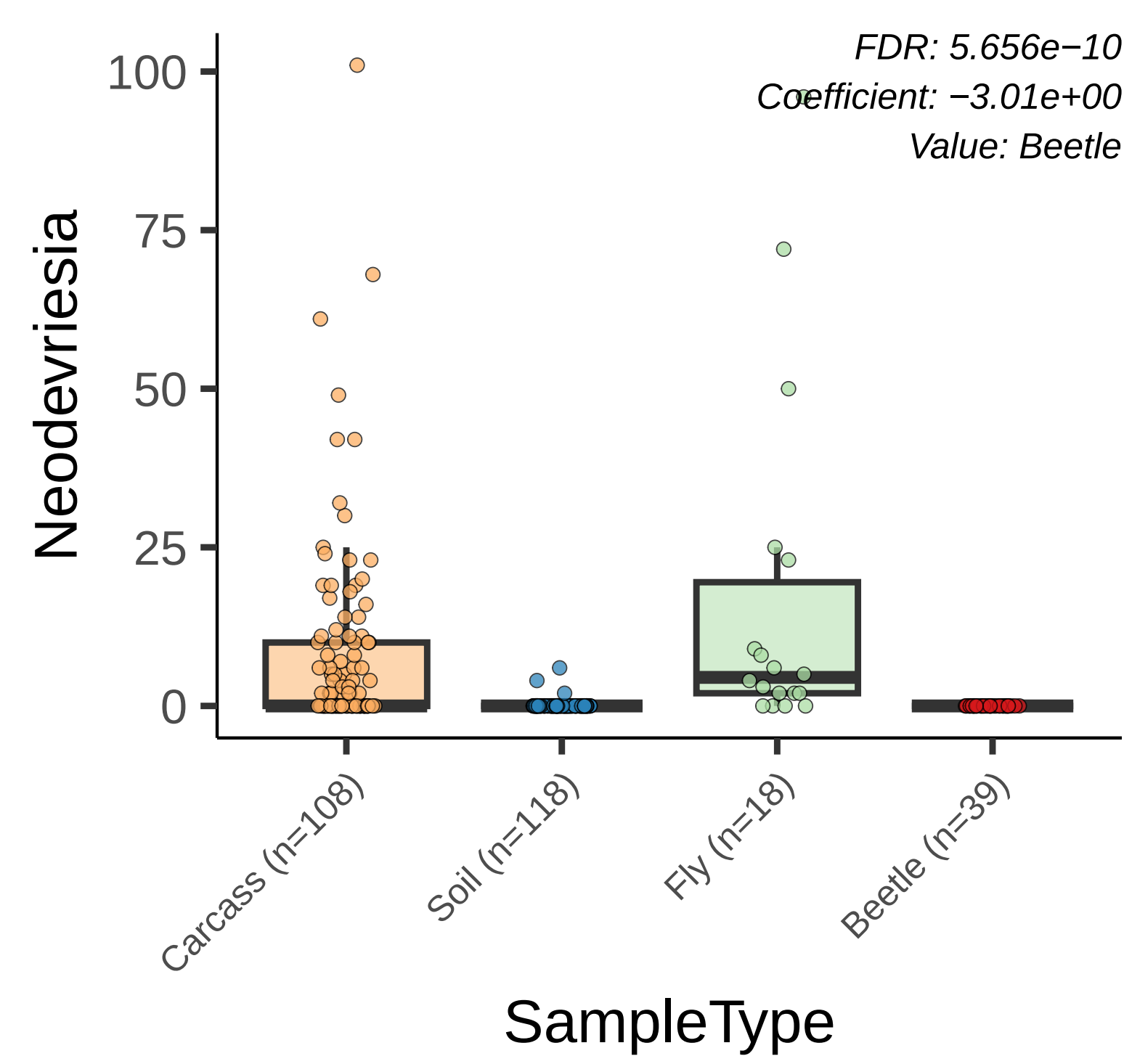

FDR: 1.263e−10
Coefficient: 1.66e+00
Value: Soil
Apiosordaria
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

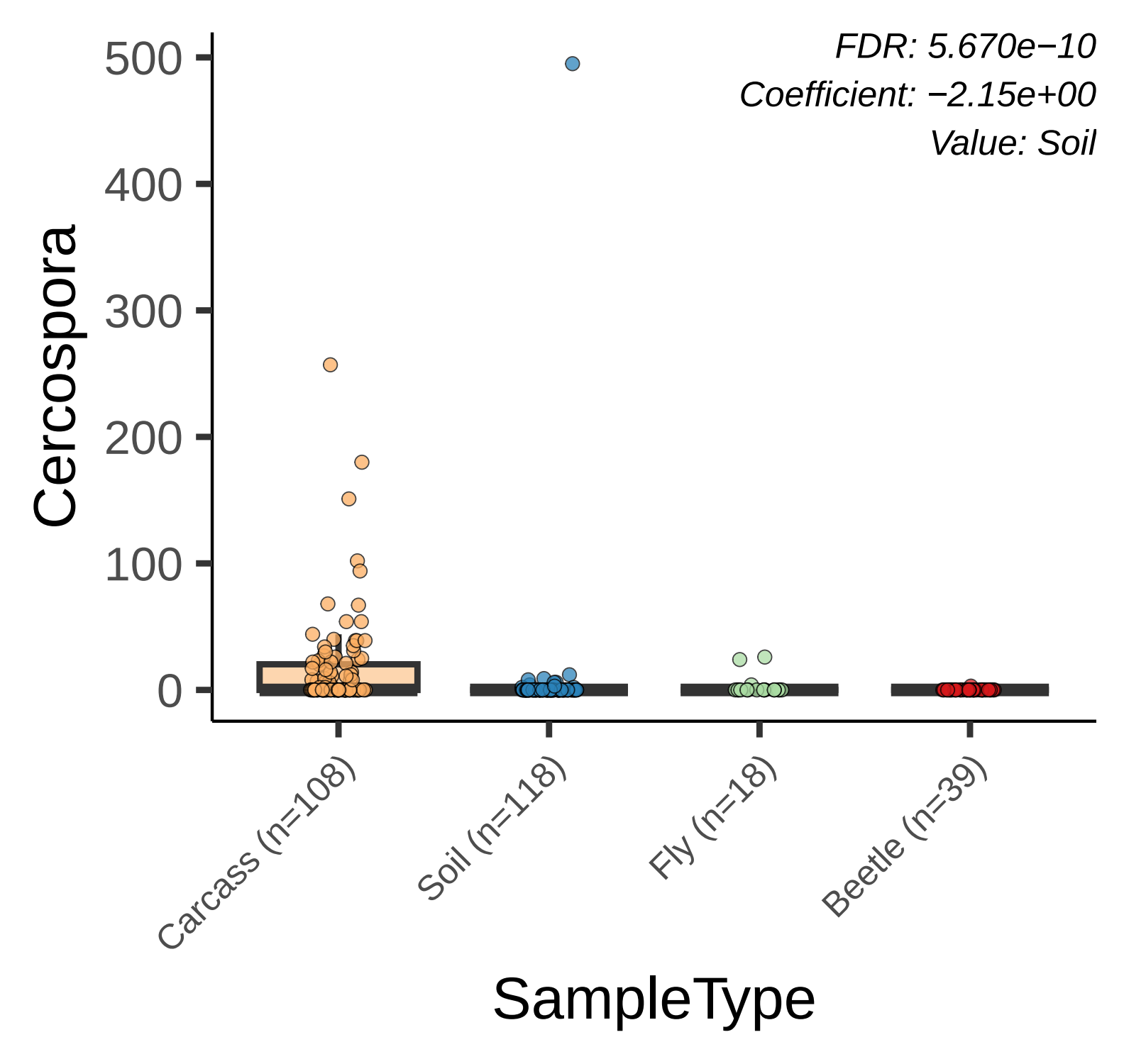

FDR: 3.047e−10
Coefficient: 4.70e+00
Value: Beetle
Apiotrichum
9000
6000
3000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

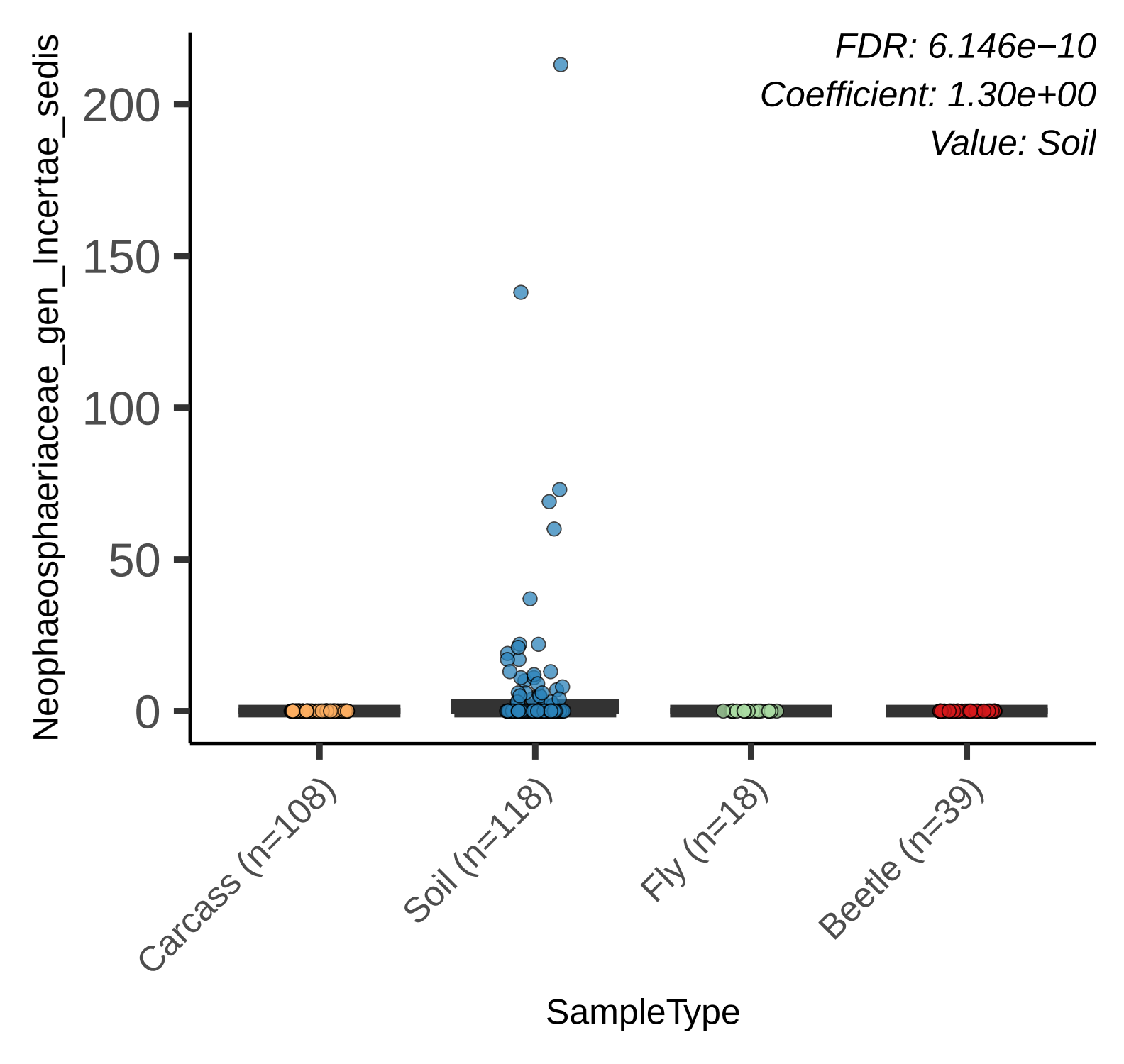

FDR: 3.852e−10
Coefficient: 1.65e+00
Value: Soil
Septoglomus
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

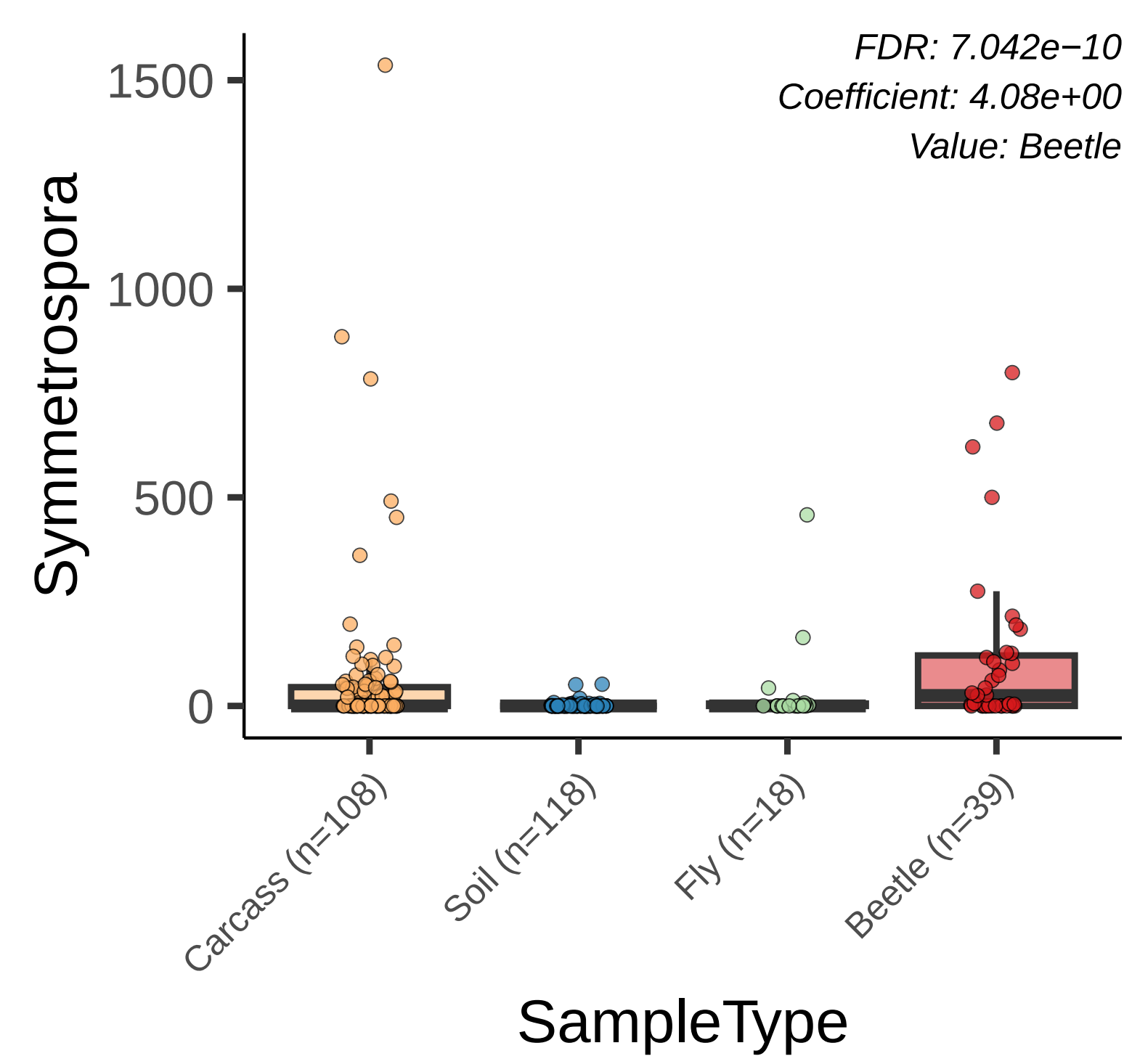

FDR: 5.147e−10
Coefficient: 1.29e+00
Value: Soil
Conlarium
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

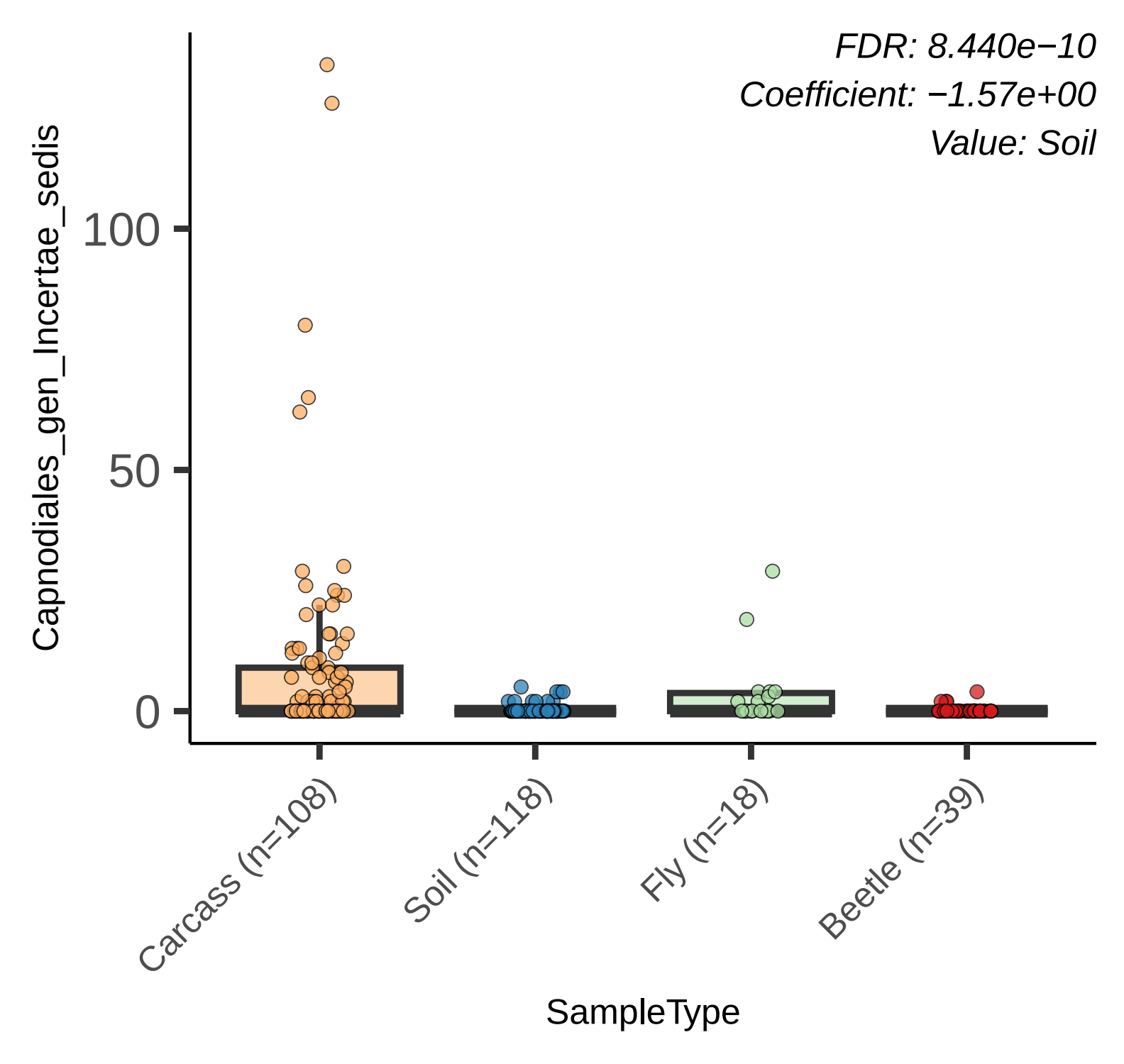

FDR: 5.551e−10
Coefficient: 1.58e+00
Value: Soil
Niesslia
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

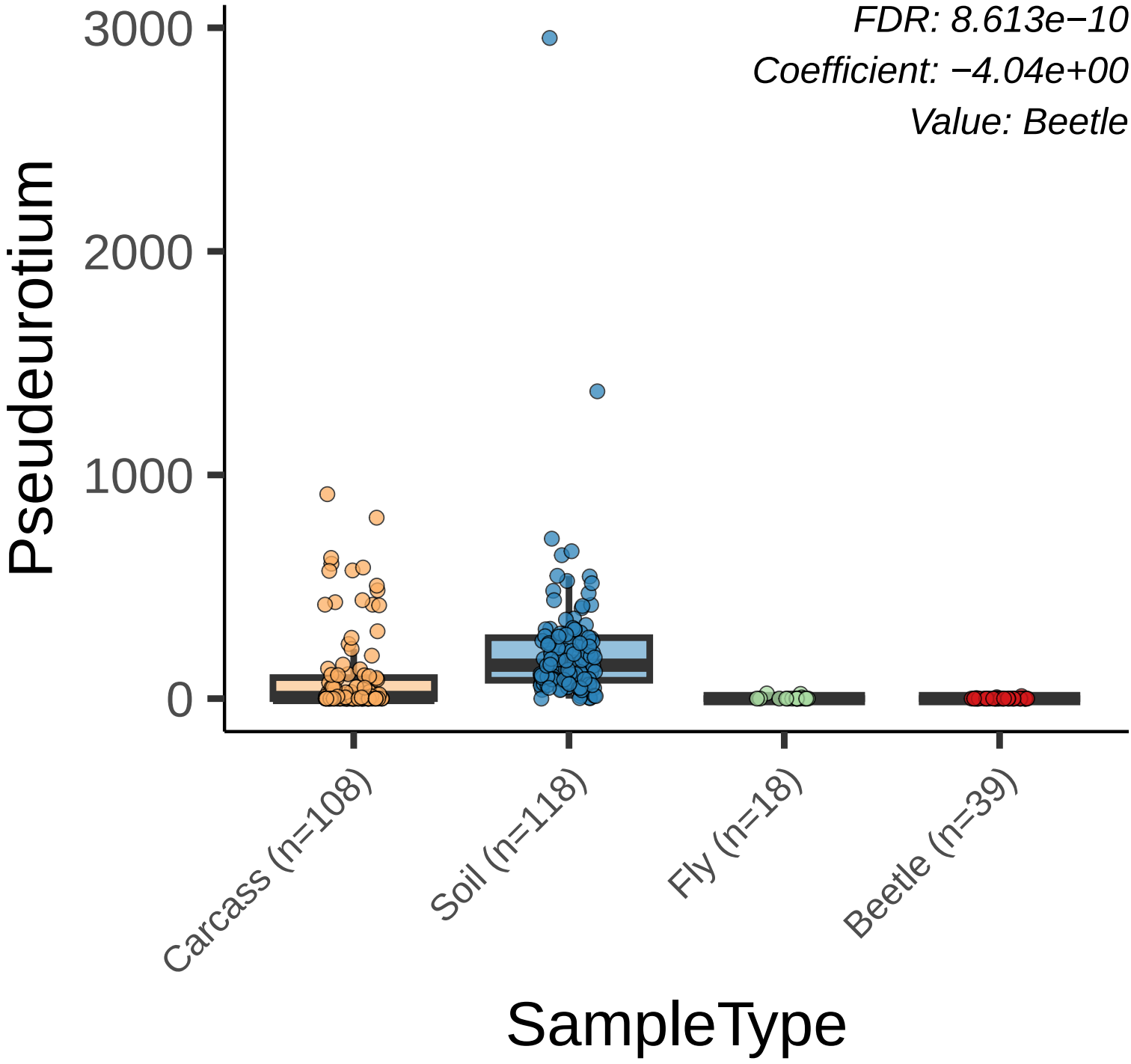

FDR: 5.656e−10
Coefficient: −3.01e+00
Value: Beetle
Neodevriesia
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

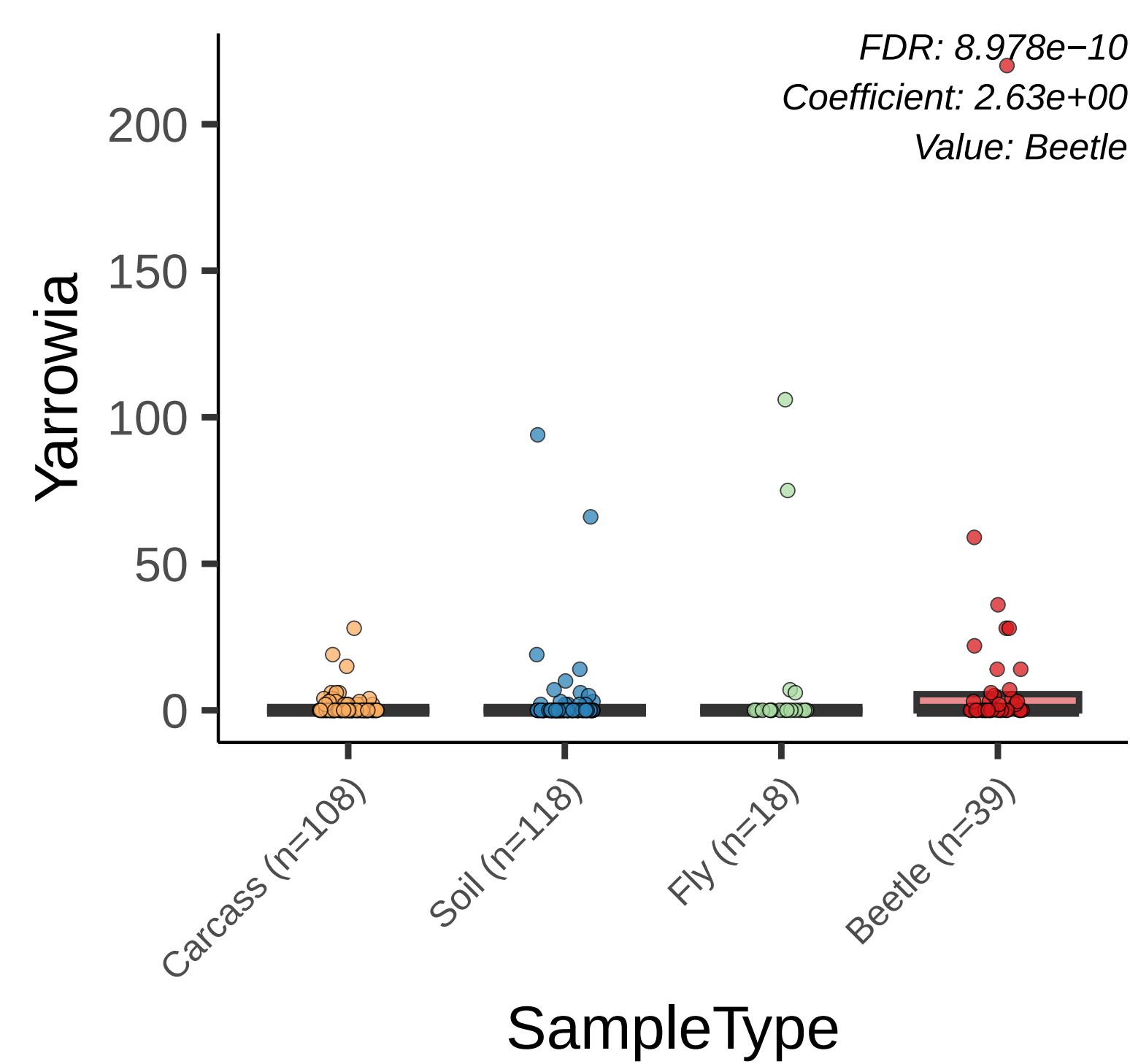

FDR: 5.670e−10
Coefficient: −2.15e+00
Value: Soil
Cercospora
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

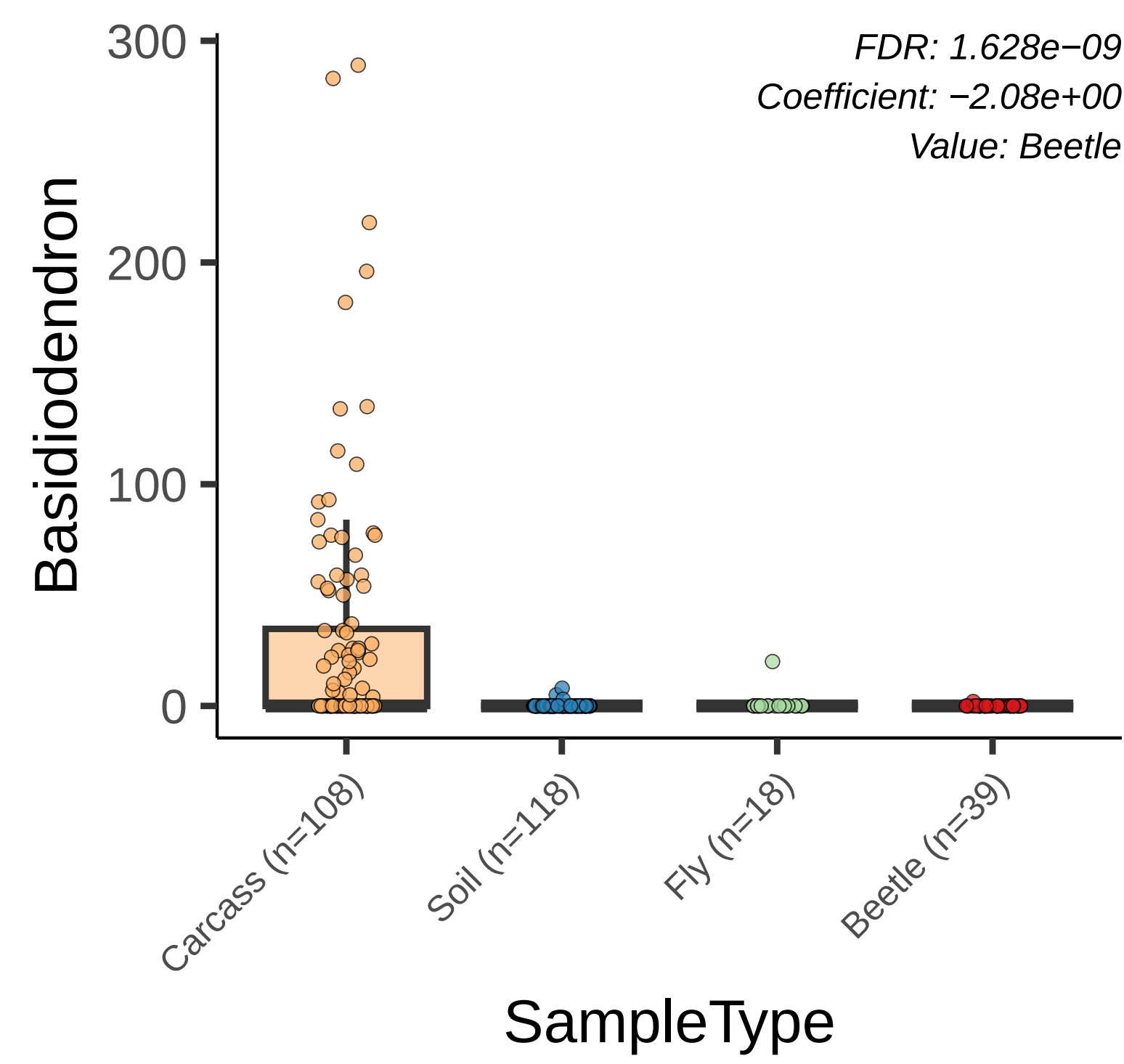

FDR: 6.146e−10
Coefficient: 1.30e+00
Value: Soil
Neophaeosphaeriaceae_gen_Incertae_sedis
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

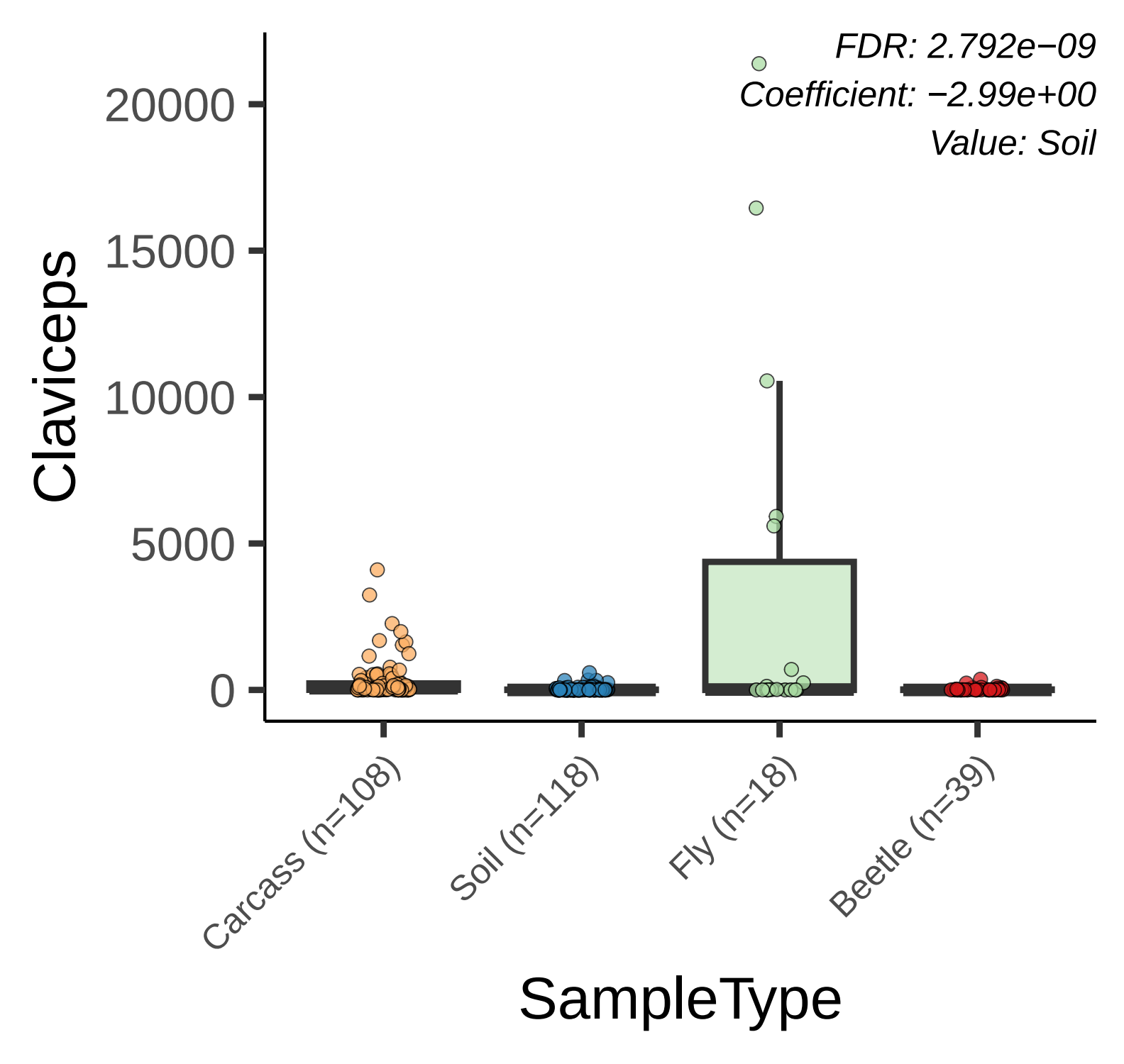

FDR: 7.042e−10
Coefficient: 4.08e+00
Value: Beetle
Symmetrospora
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

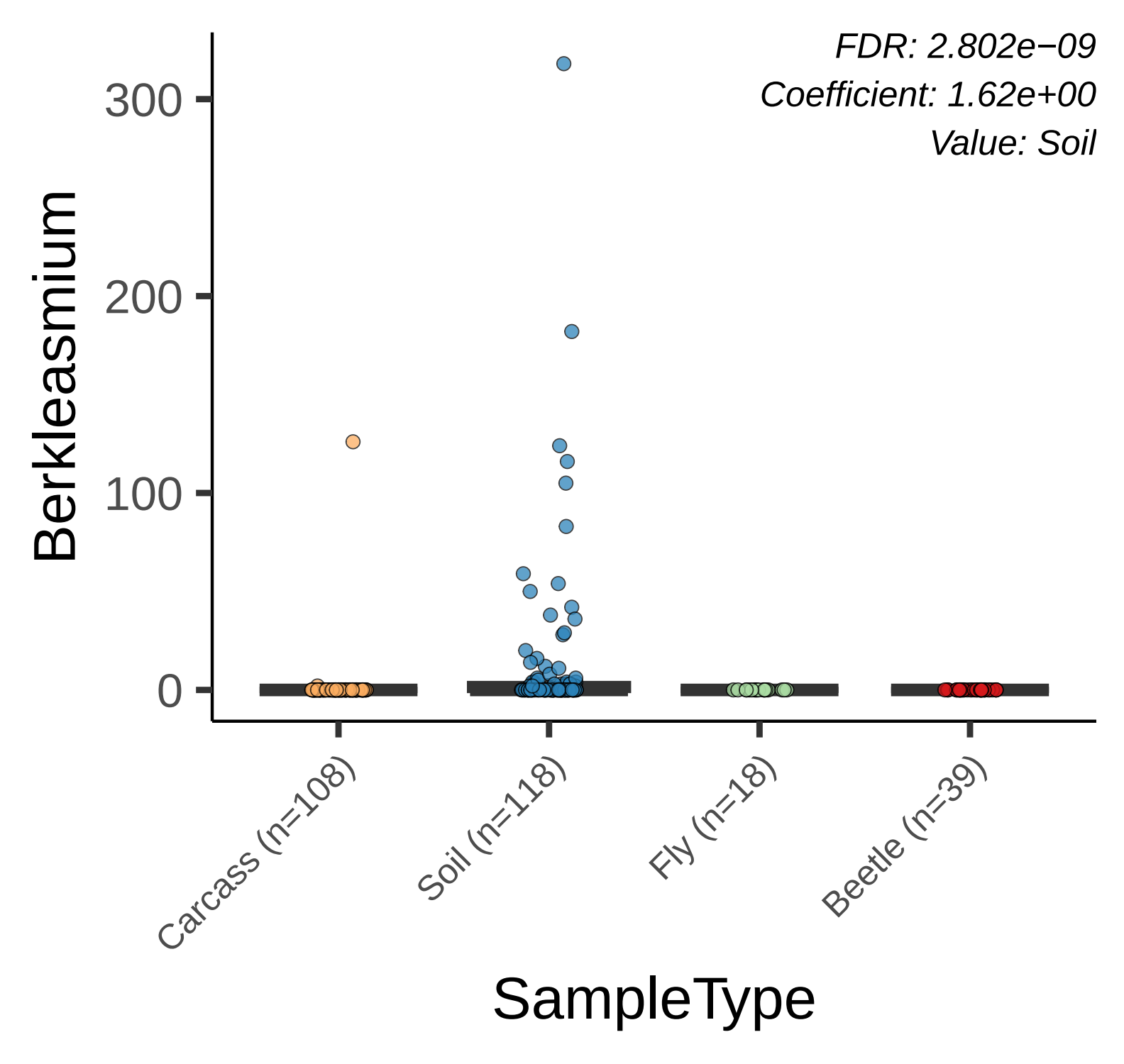

FDR: 8.440e−10
Coefficient: −1.57e+00
Value: Soil
Capnodiales_gen_Incertae_sedis
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

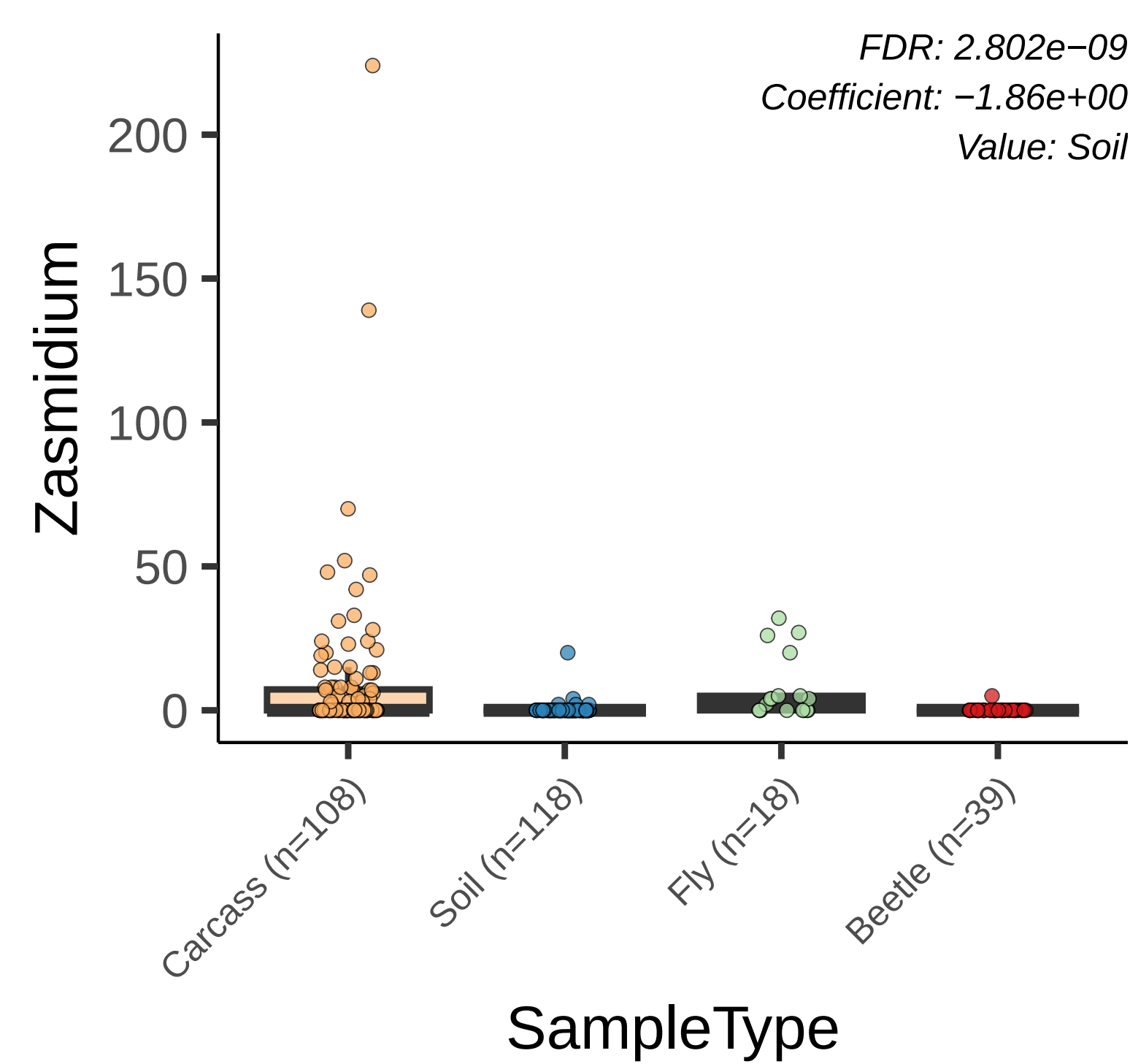

FDR: 8.613e−10
Coefficient: −4.04e+00
Value: Beetle
Pseudeurotium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

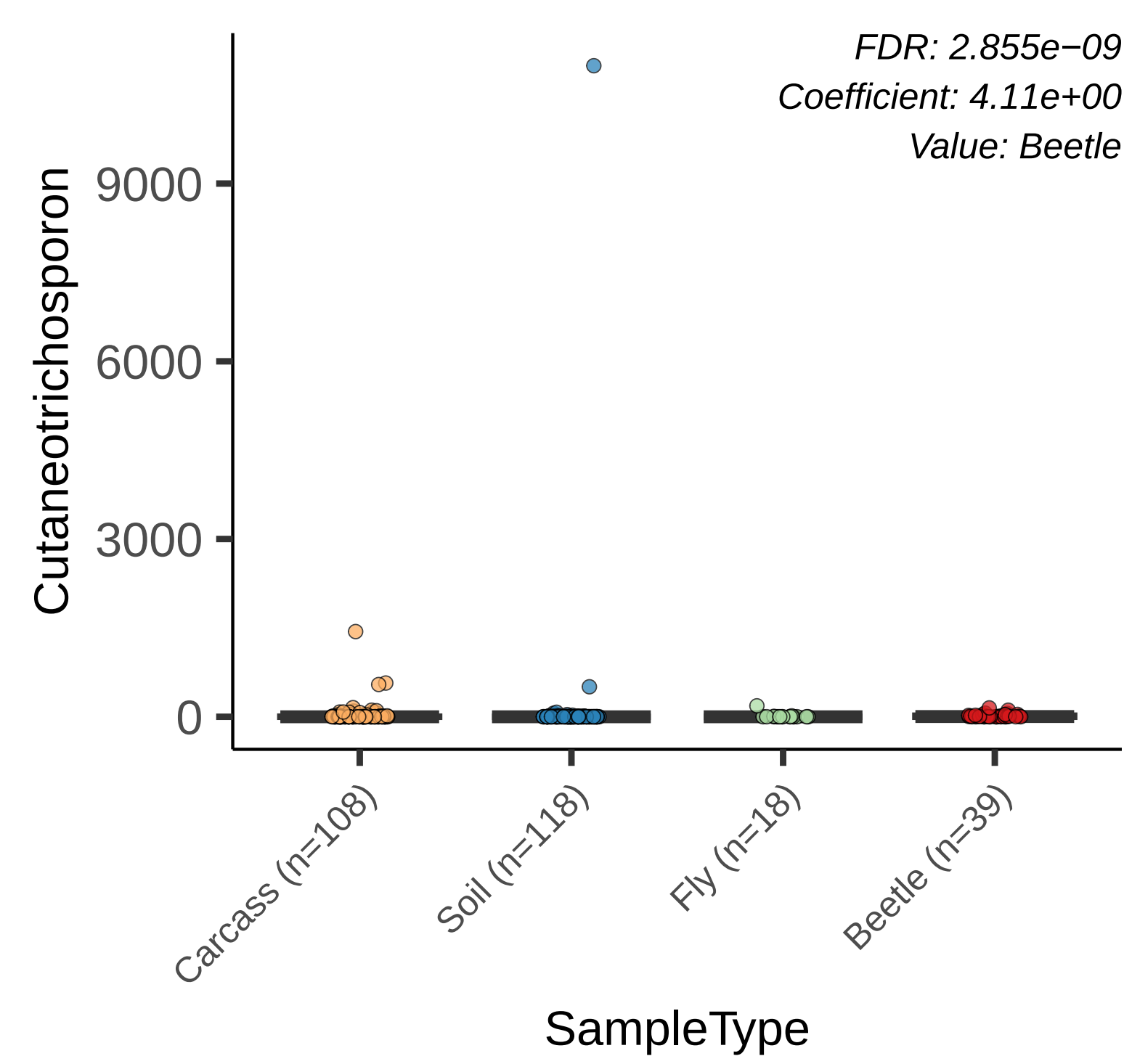

FDR: 8.978e−10
Coefficient: 2.63e+00
Value: Beetle
Yarrowia
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

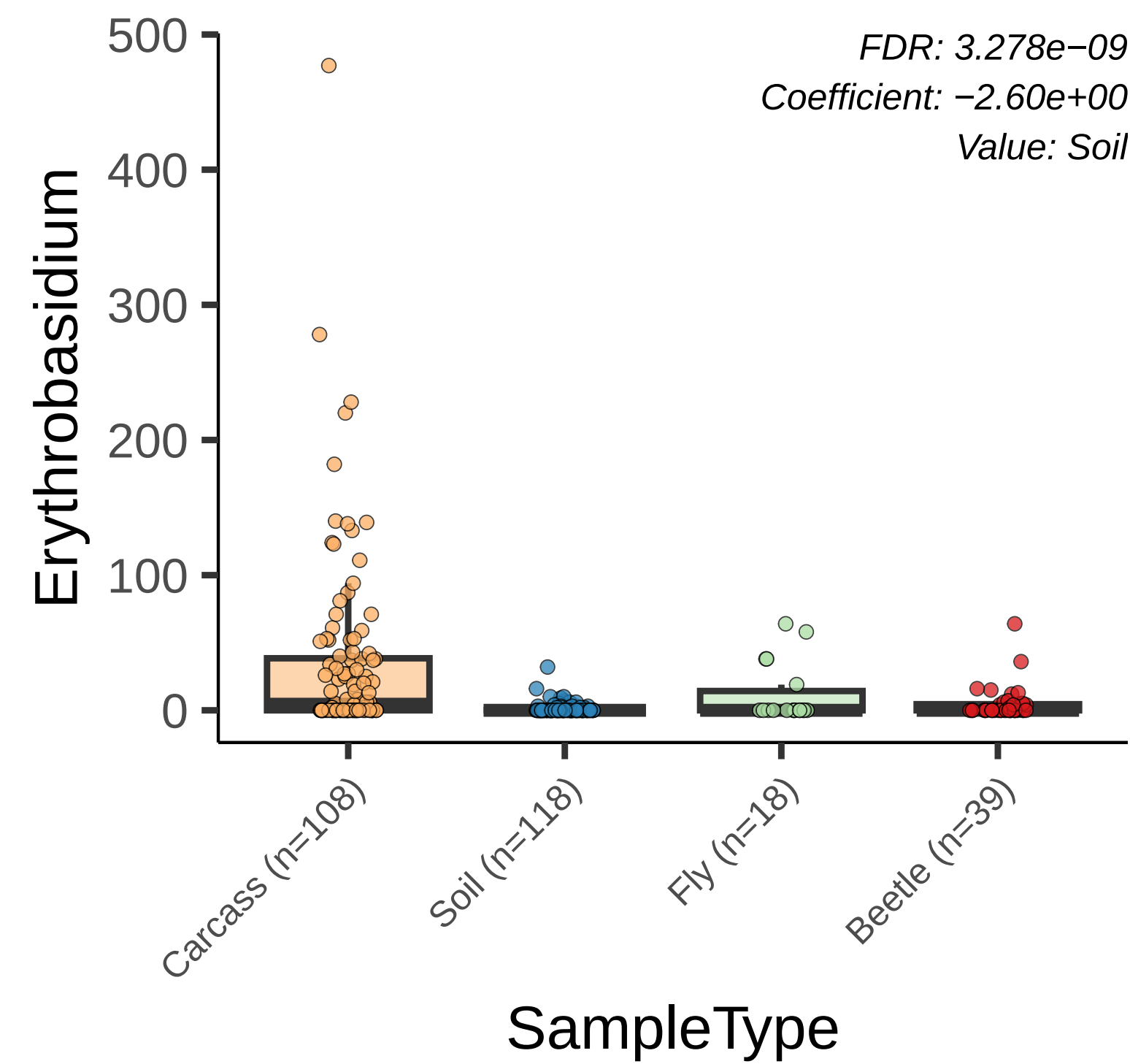

FDR: 1.628e−09
Coefficient: −2.08e+00
Value: Beetle
Basidiodendron
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

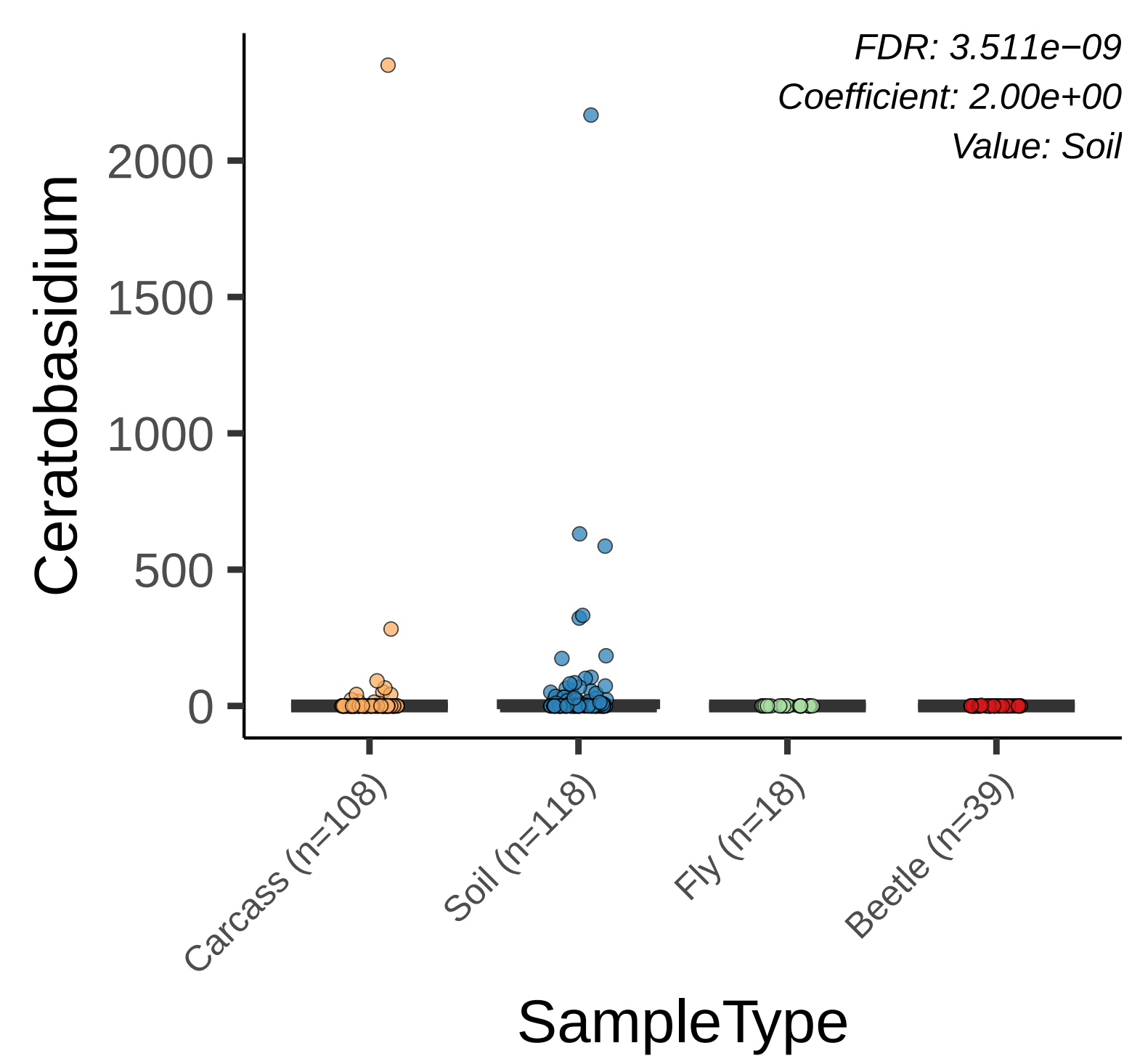

FDR: 2.792e−09
Coefficient: −2.99e+00
Value: Soil
Claviceps
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

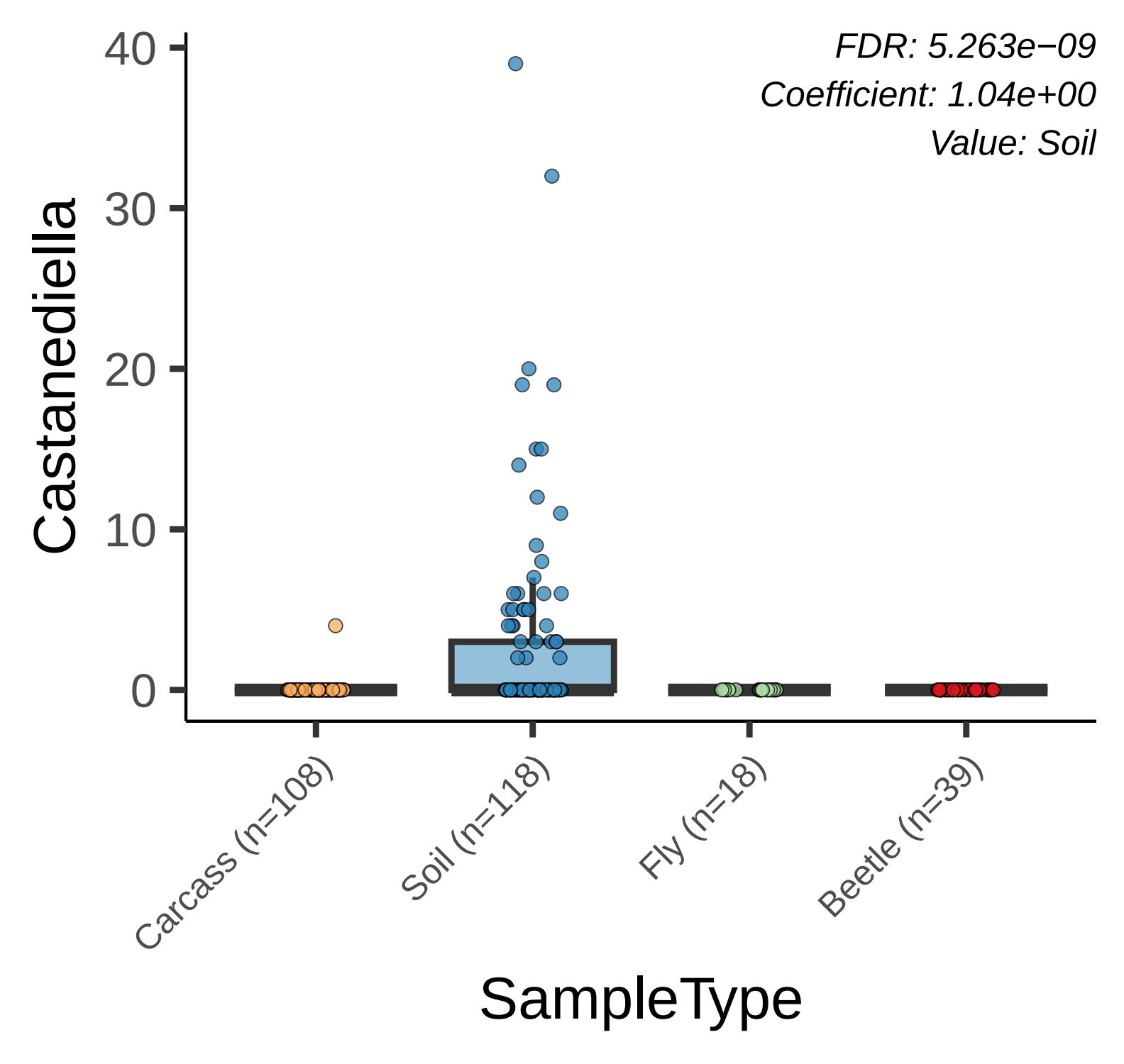

FDR: 2.802e−09
Coefficient: 1.62e+00
Value: Soil
Berkleasmium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

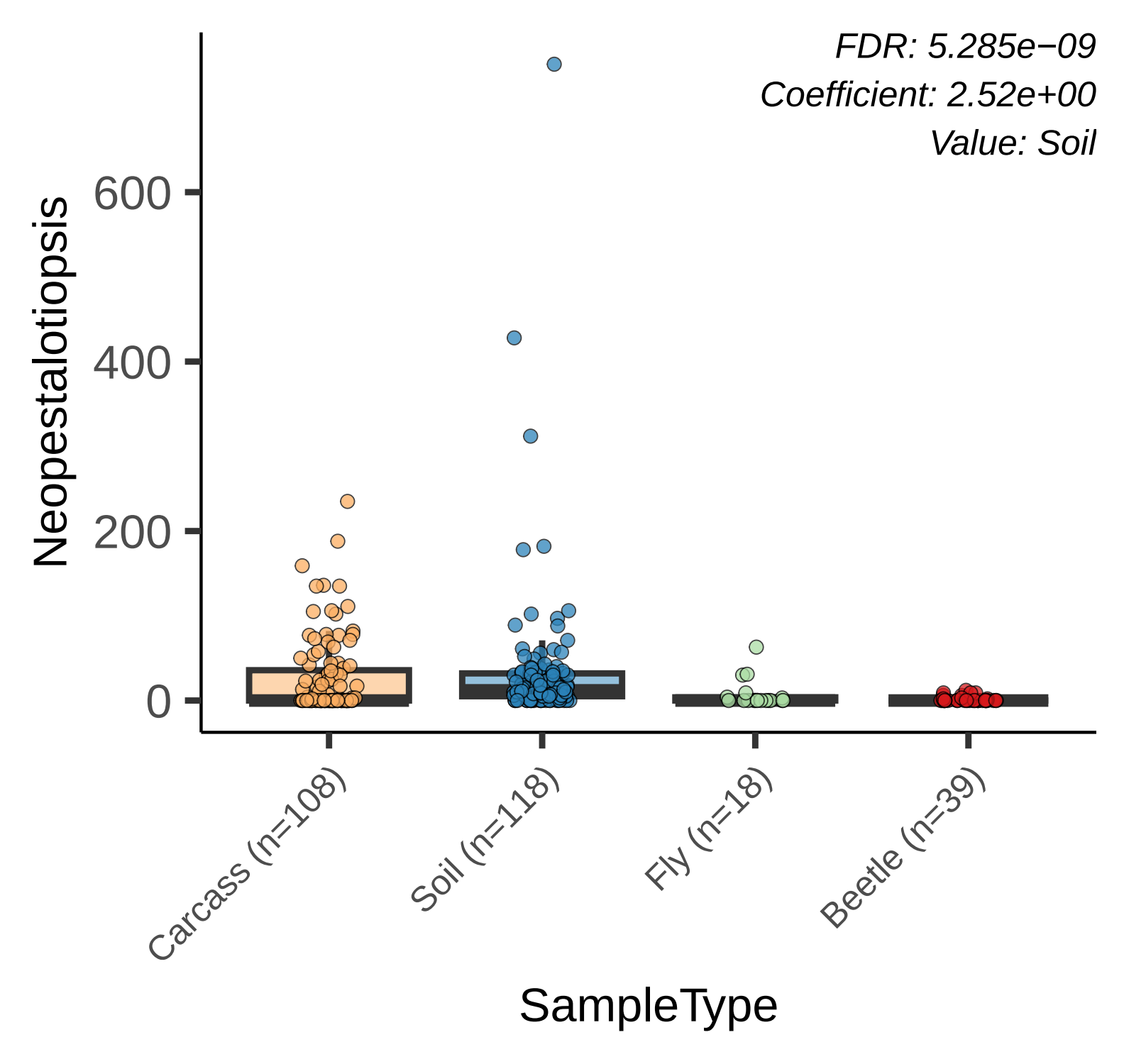

FDR: 2.802e−09
Coefficient: −1.86e+00
Value: Soil
Zasmidium
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

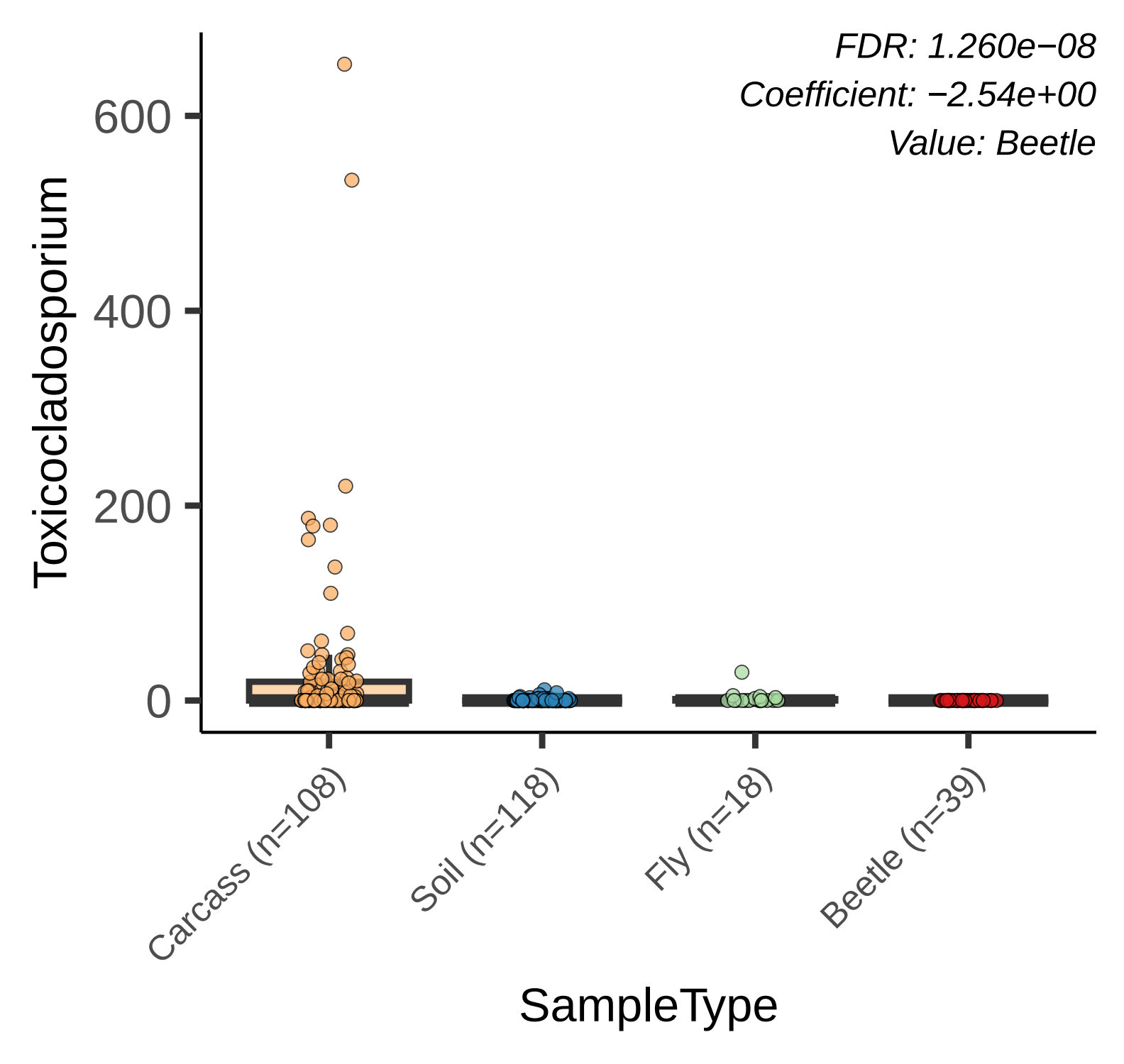

FDR: 2.855e−09
Coefficient: 4.11e+00
Value: Beetle
Cutaneotrichosporon
9000
6000
3000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

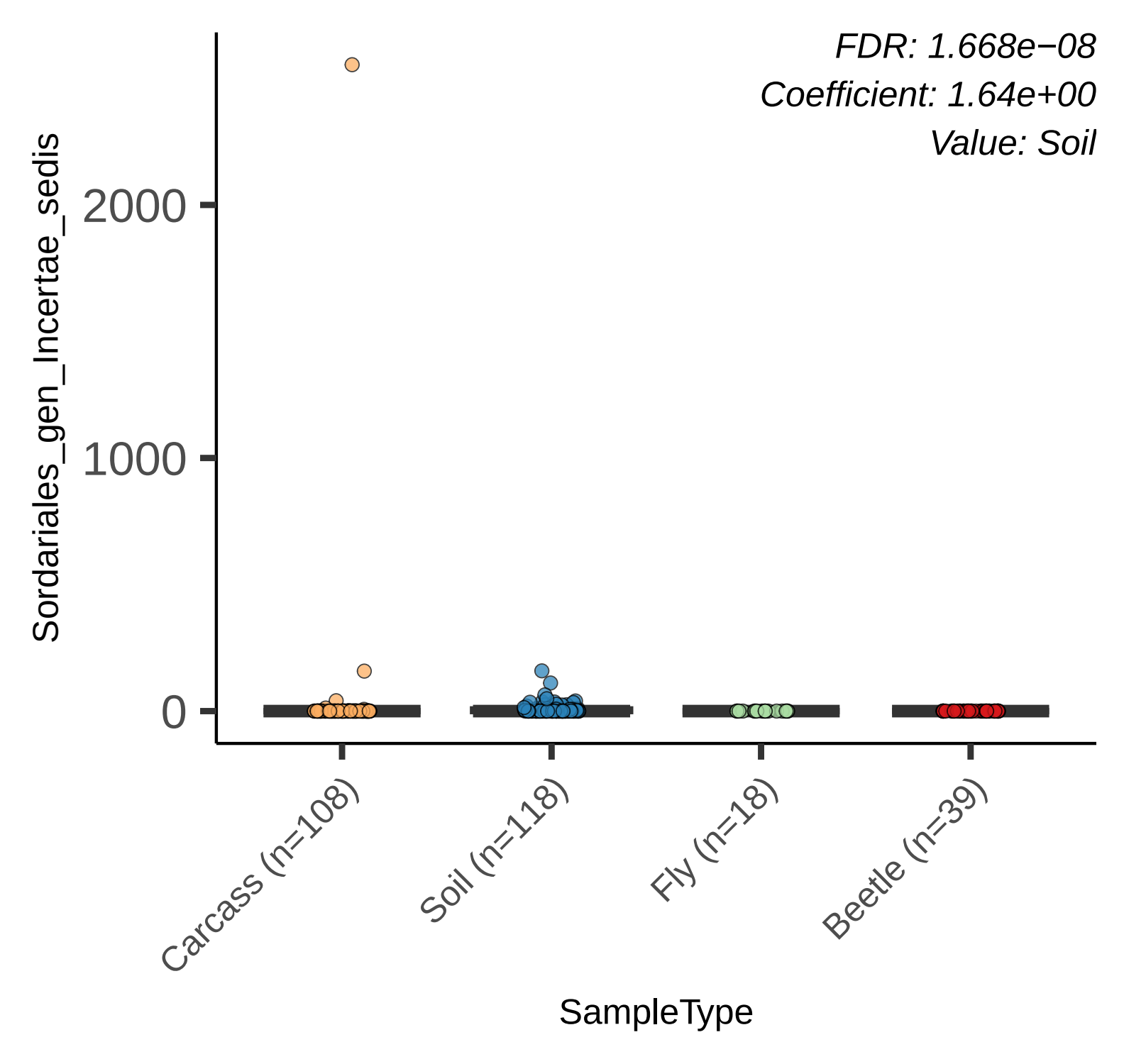

FDR: 3.278e−09
Coefficient: −2.60e+00
Value: Soil
Erythrobasidium
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

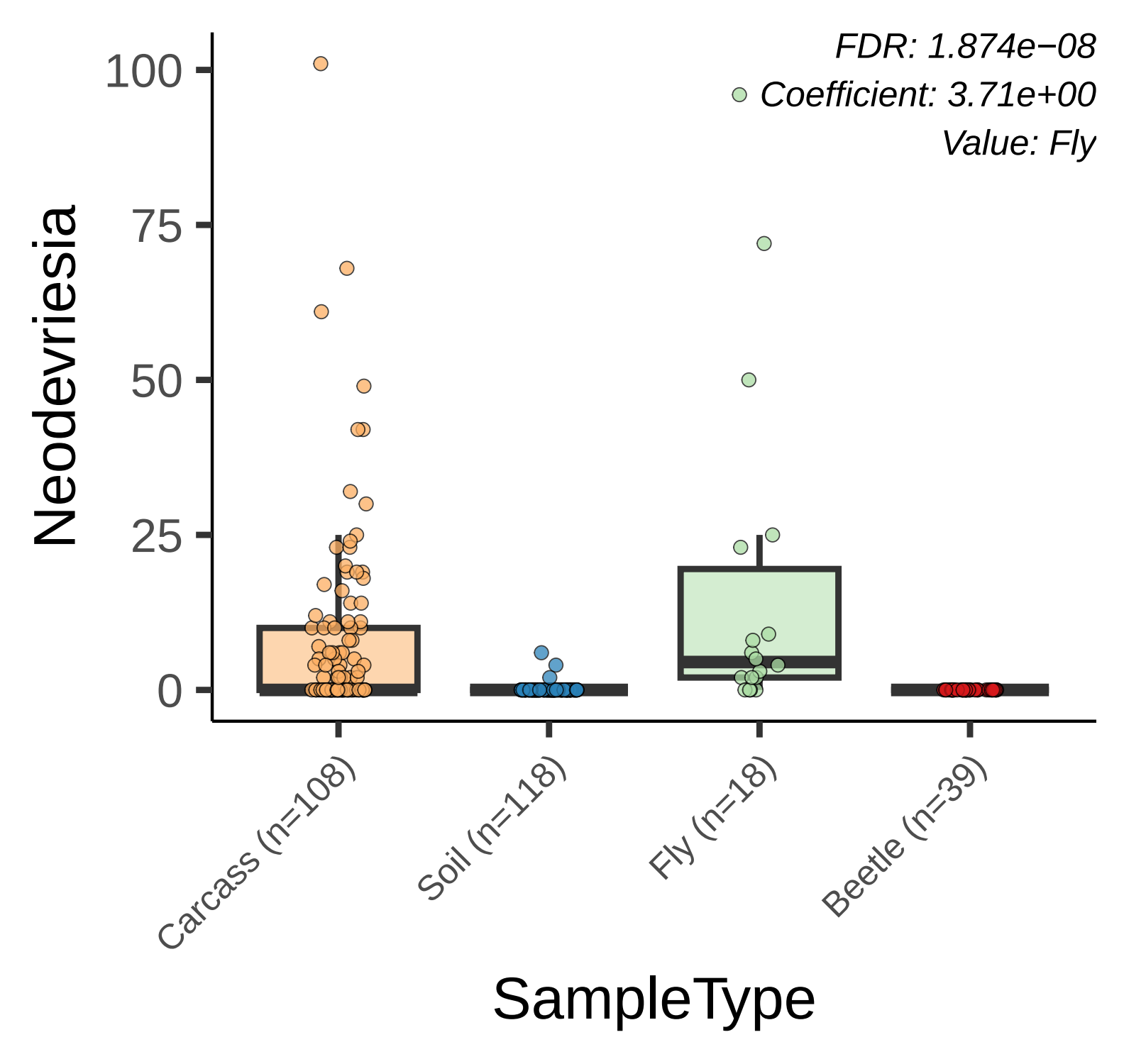

FDR: 3.511e−09
Coefficient: 2.00e+00
Value: Soil
Ceratobasidium
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

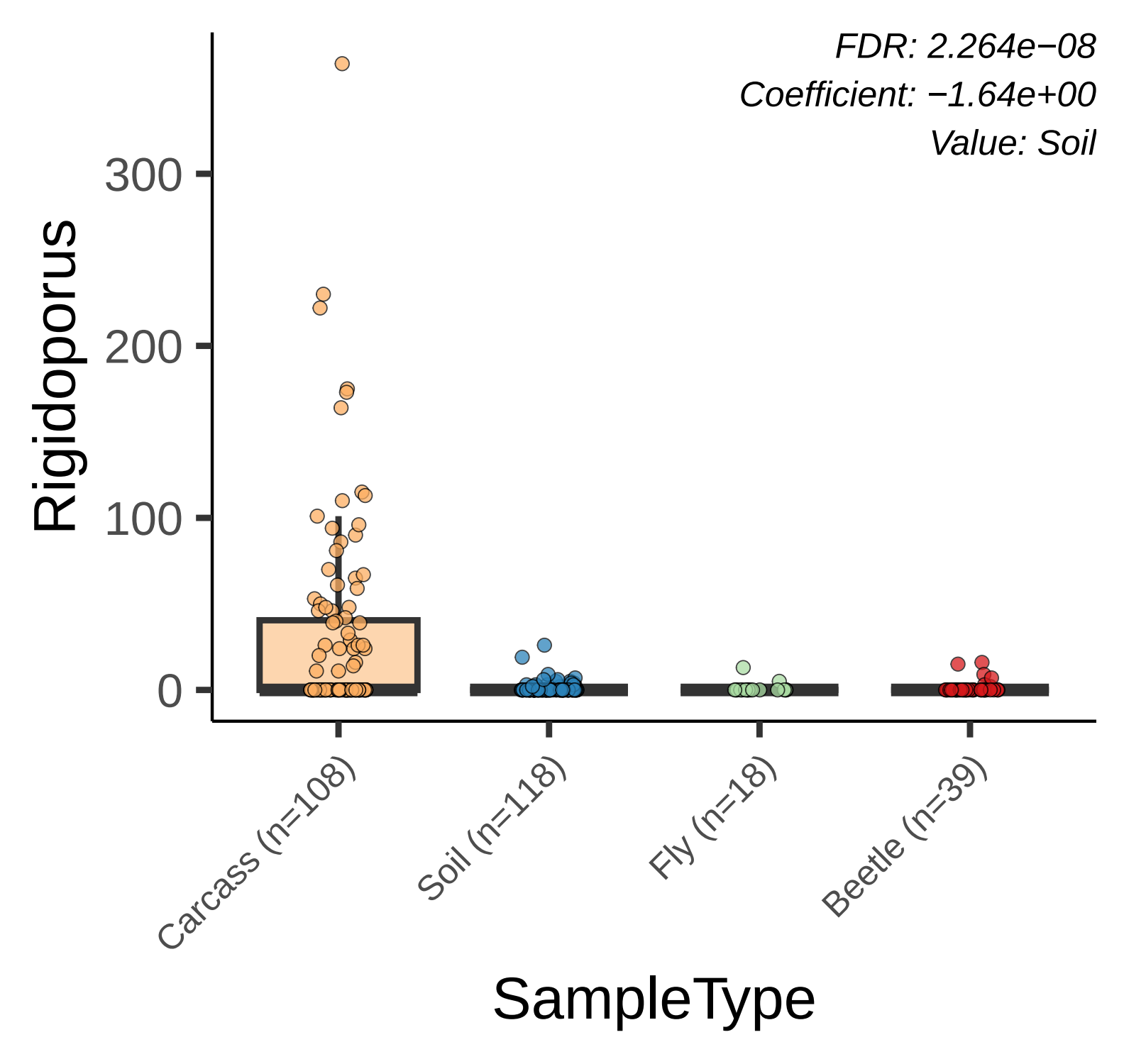

FDR: 5.263e−09
Coefficient: 1.04e+00
Value: Soil
Castanediella
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

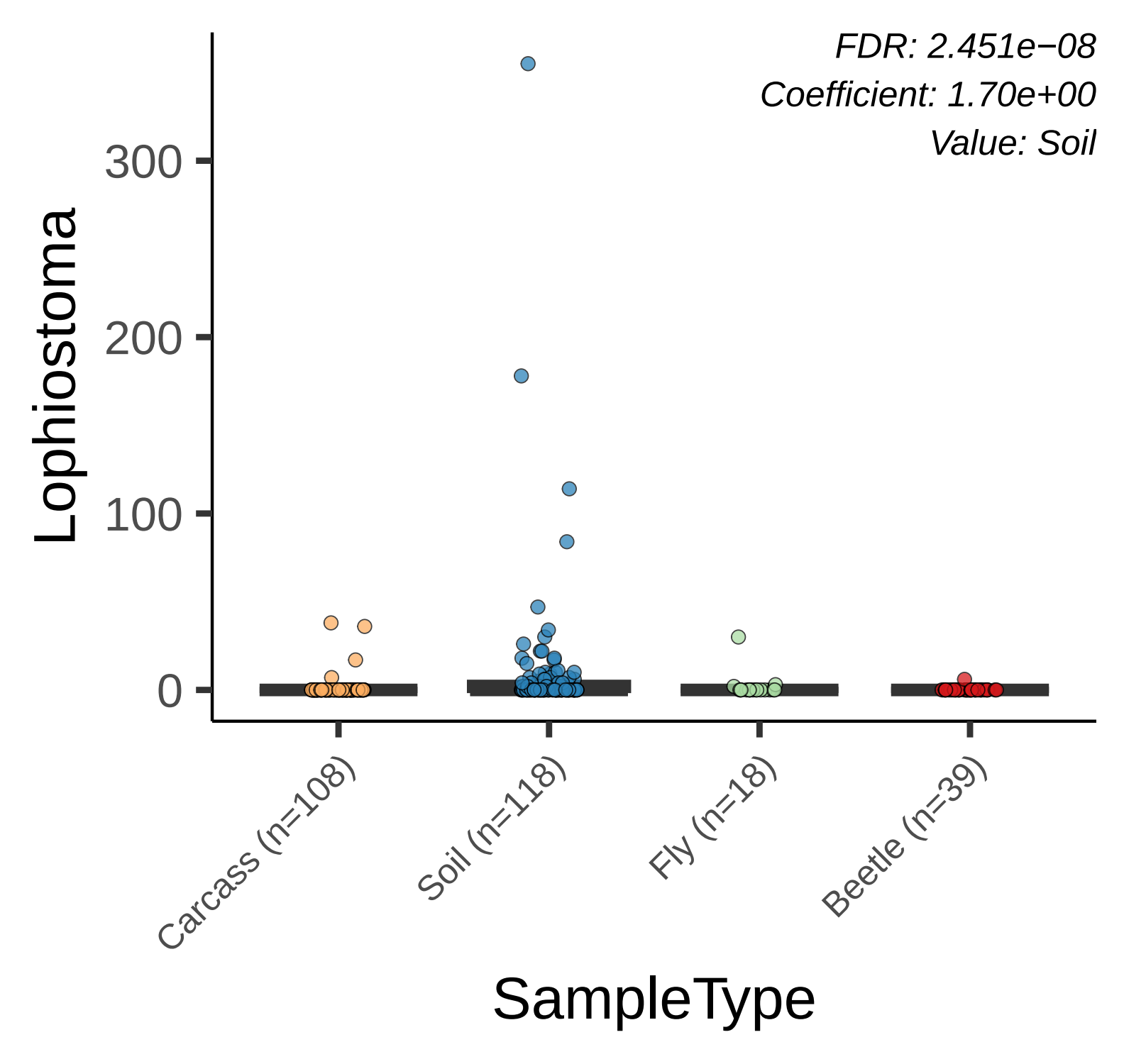

FDR: 5.285e−09
Coefficient: 2.52e+00
Value: Soil
Neopestalotiopsis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

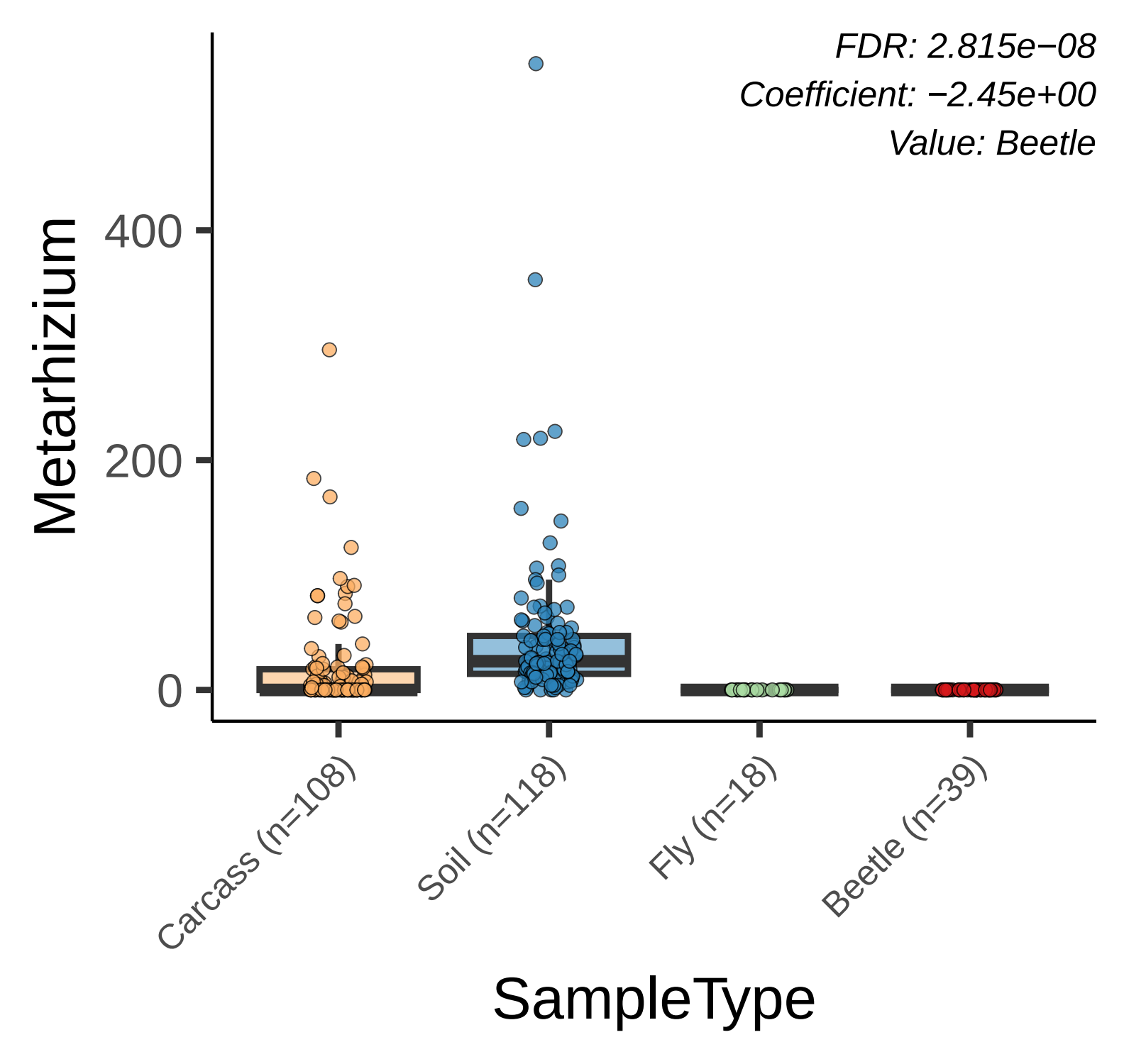

FDR: 1.260e−08
Coefficient: −2.54e+00
Value: Beetle
Toxicocladosporium
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

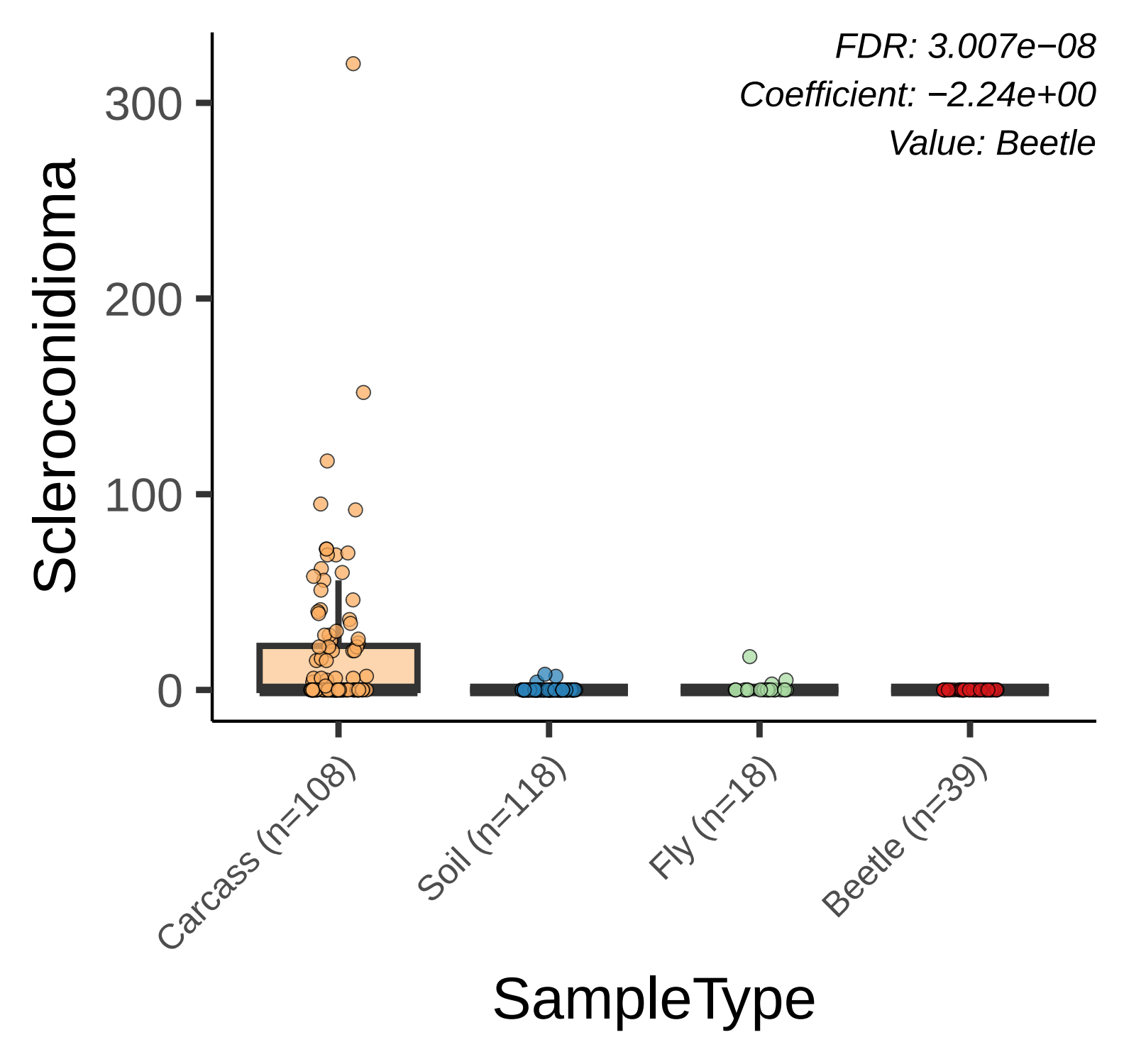

FDR: 1.668e−08
Coefficient: 1.64e+00
Value: Soil
Sordariales_gen_Incertae_sedis
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

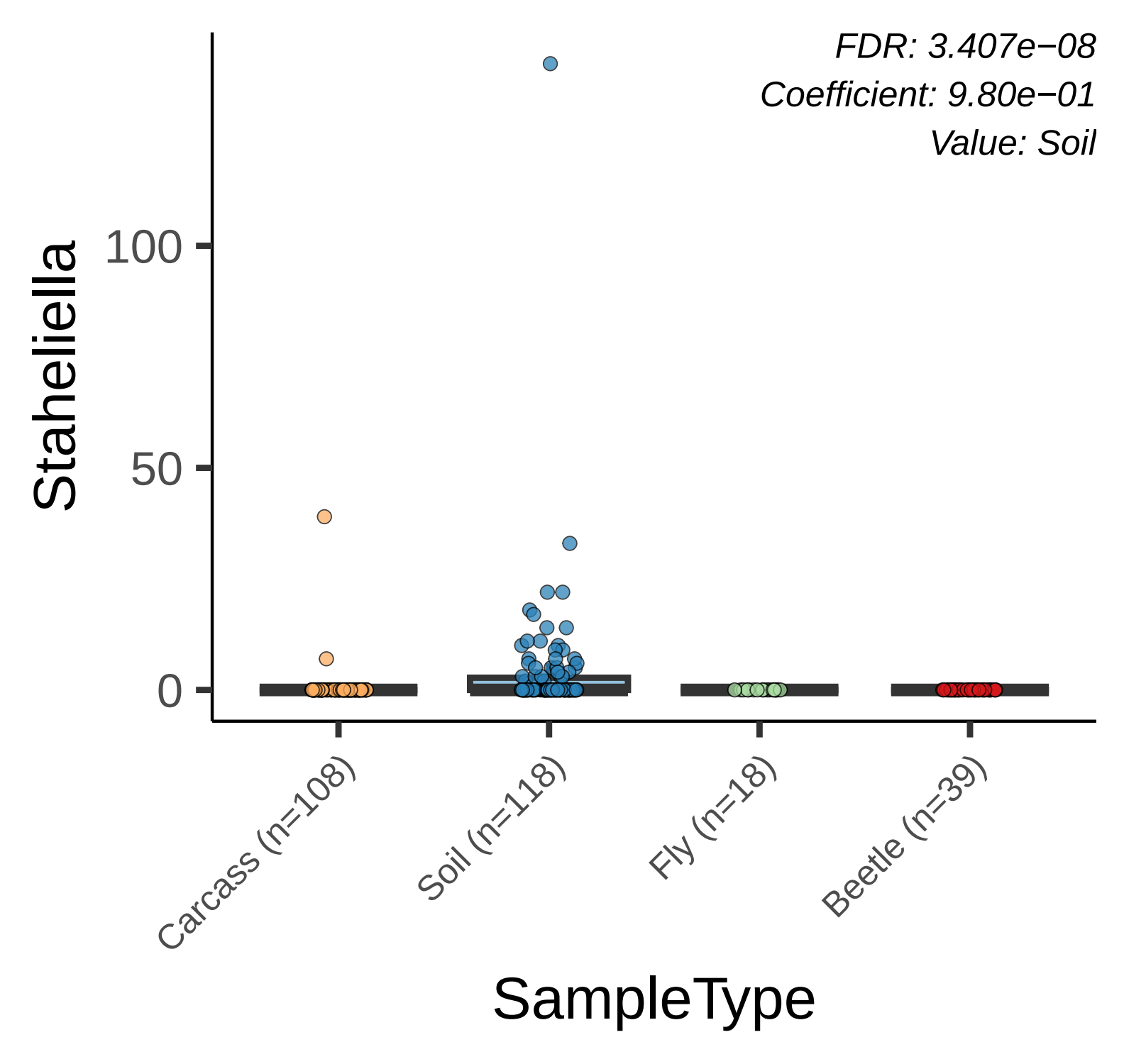

FDR: 1.874e−08
Coefficient: 3.71e+00
Value: Fly
Neodevriesia
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

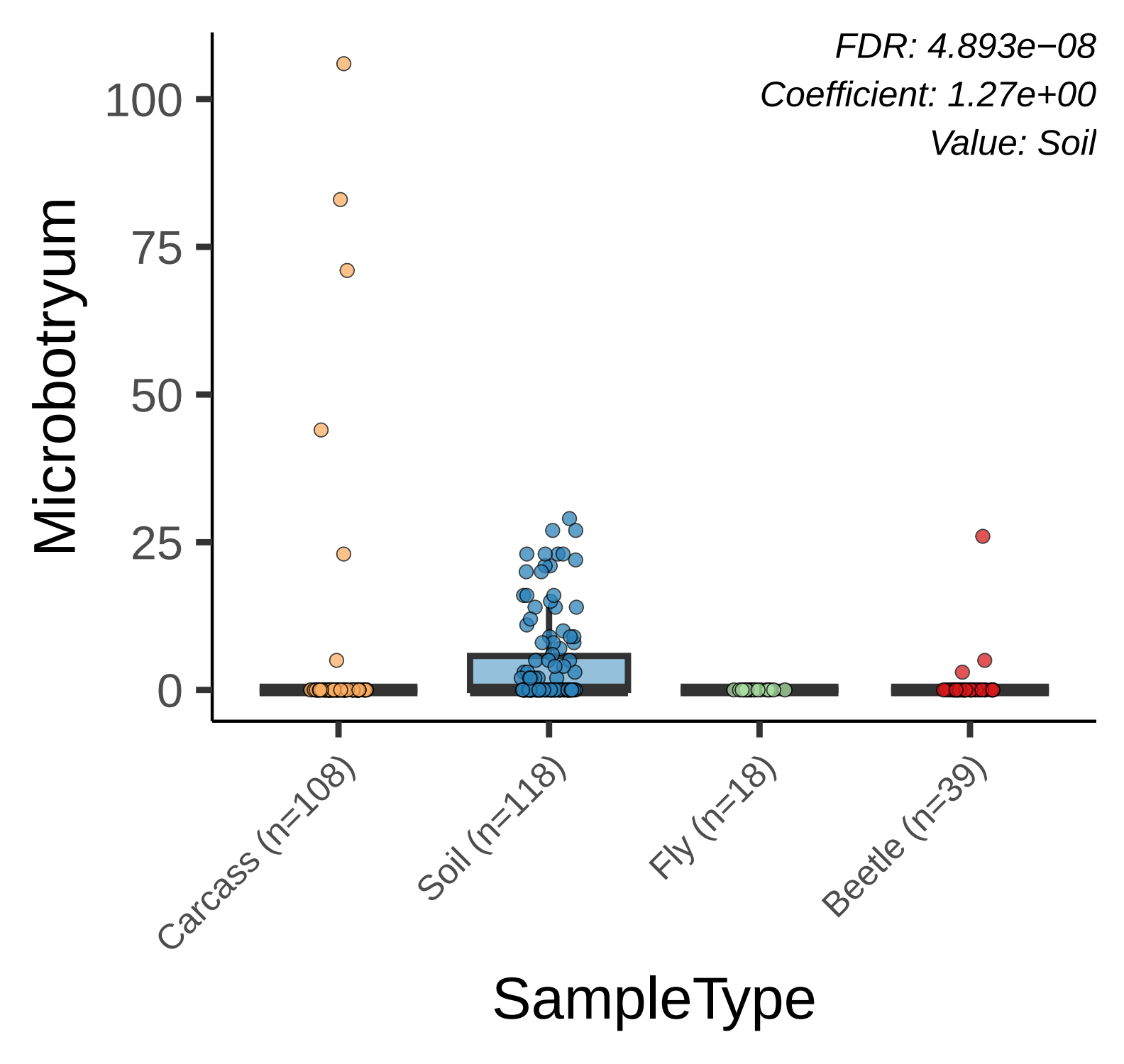

FDR: 2.264e−08
Coefficient: −1.64e+00
Value: Soil
Rigidoporus
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

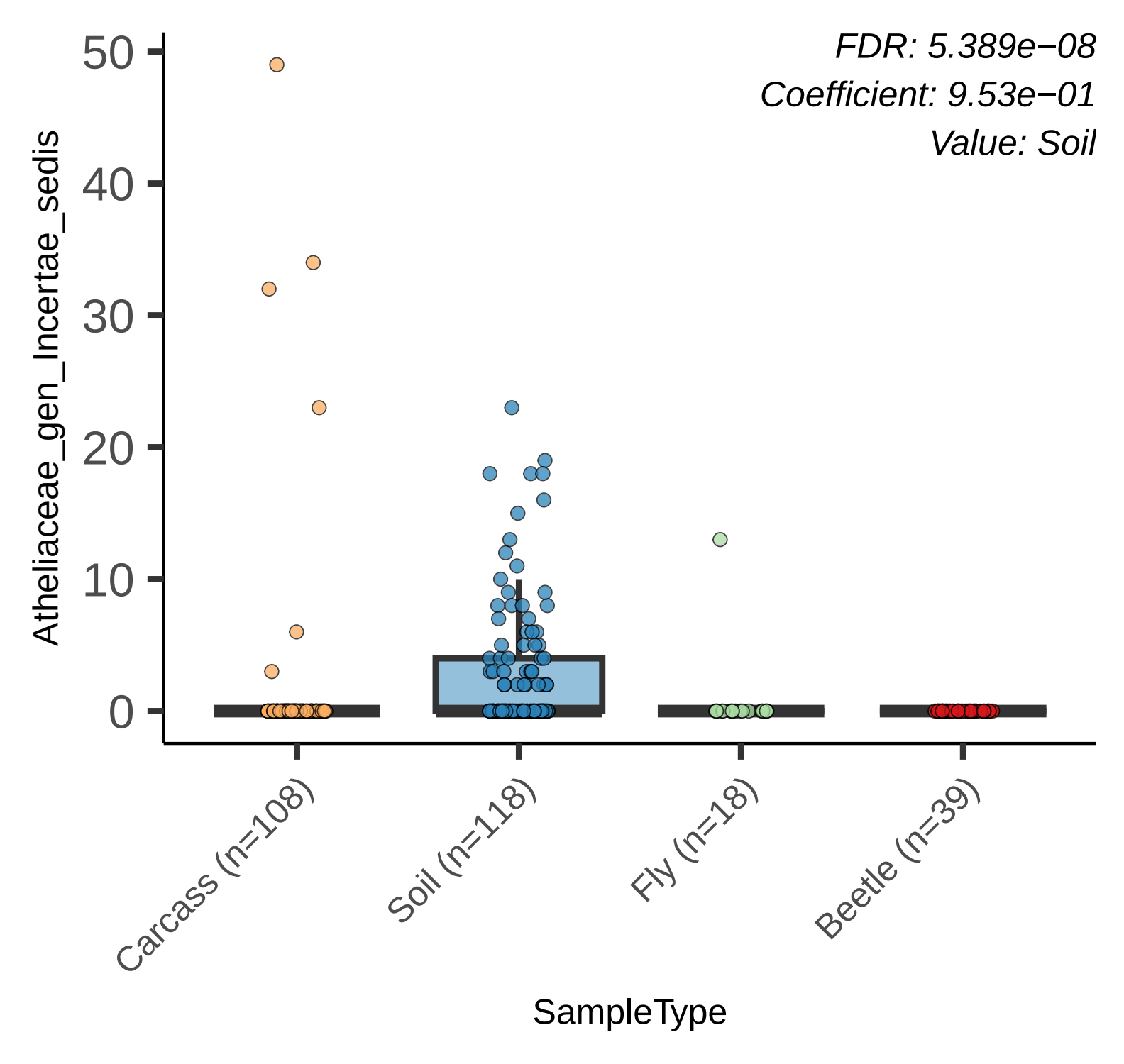

FDR: 2.451e−08
Coefficient: 1.70e+00
Value: Soil
Lophiostoma
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

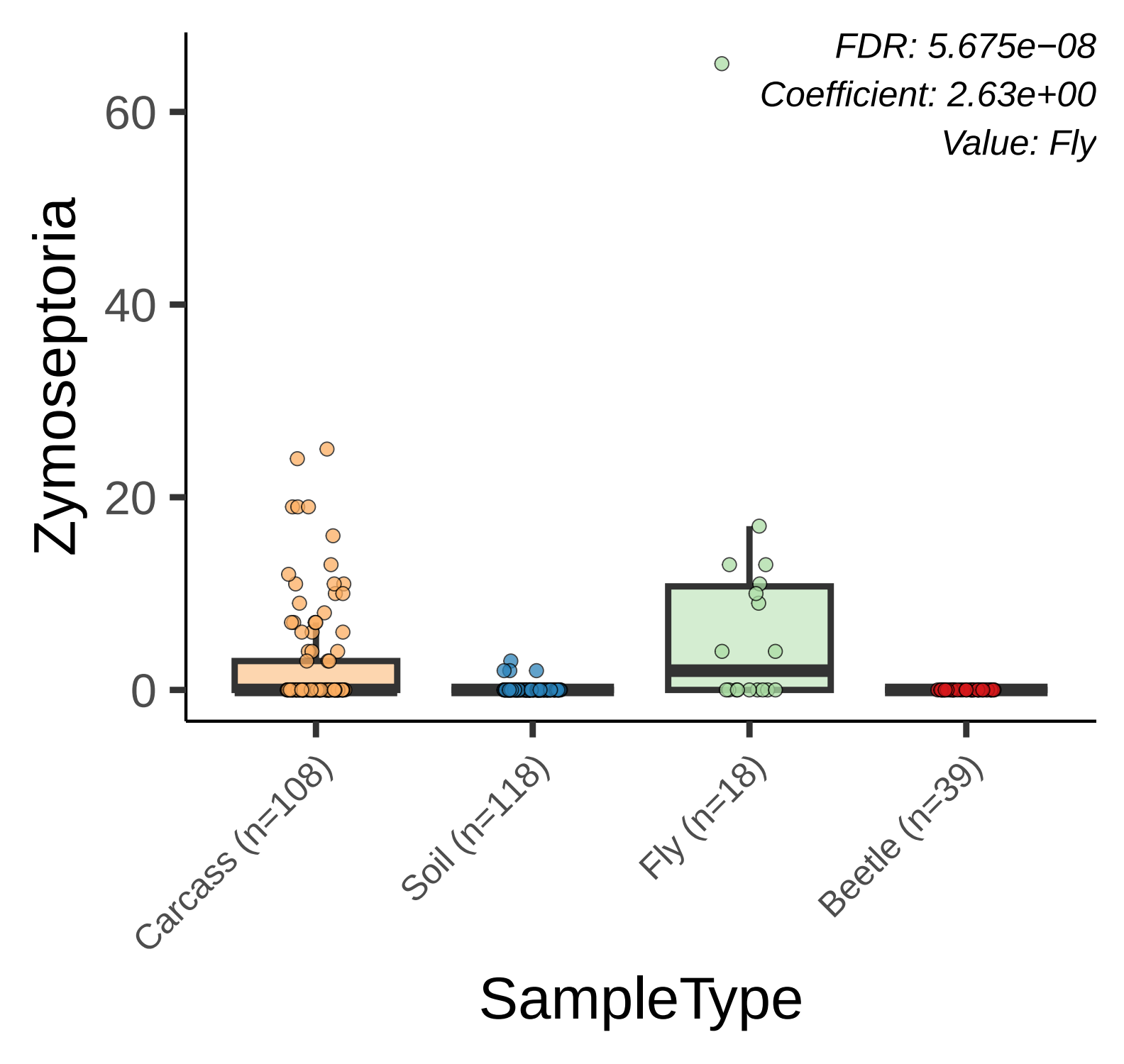

FDR: 2.815e−08
Coefficient: −2.45e+00
Value: Beetle
Metarhizium
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

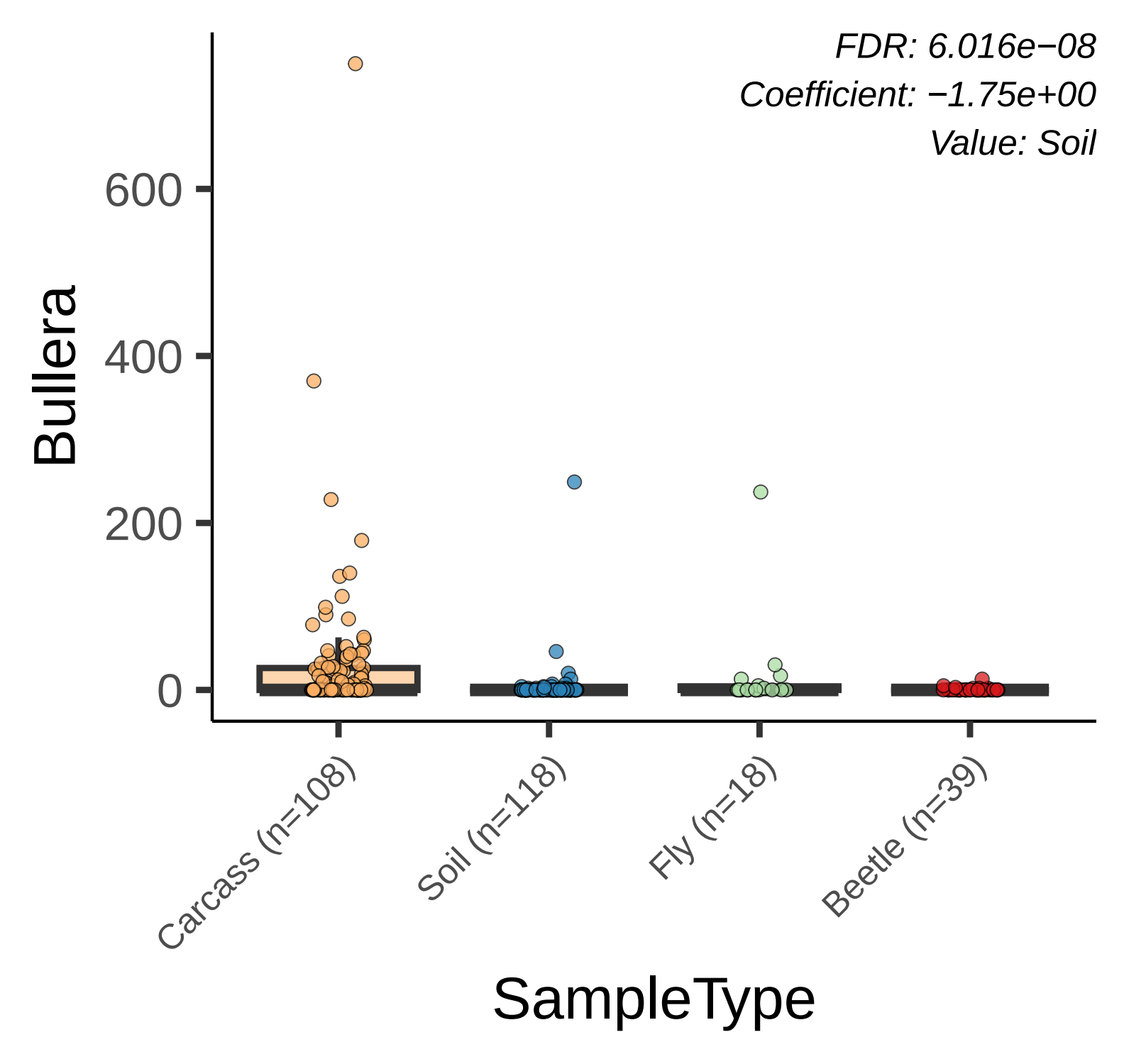

FDR: 3.007e−08
Coefficient: −2.24e+00
Value: Beetle
Scleroconidioma
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

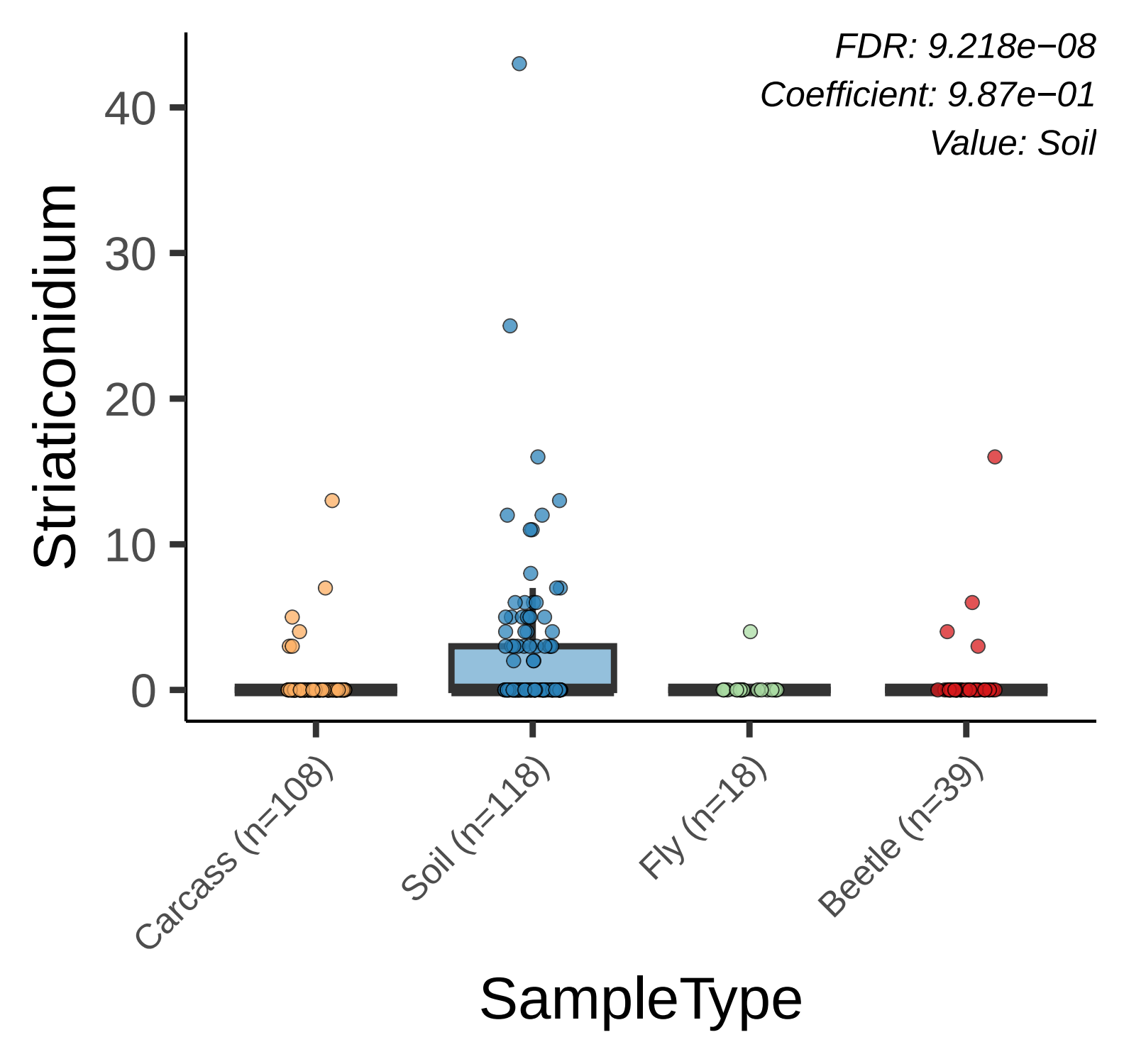

FDR: 3.407e−08
Coefficient: 9.80e−01
Value: Soil
Staheliella
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

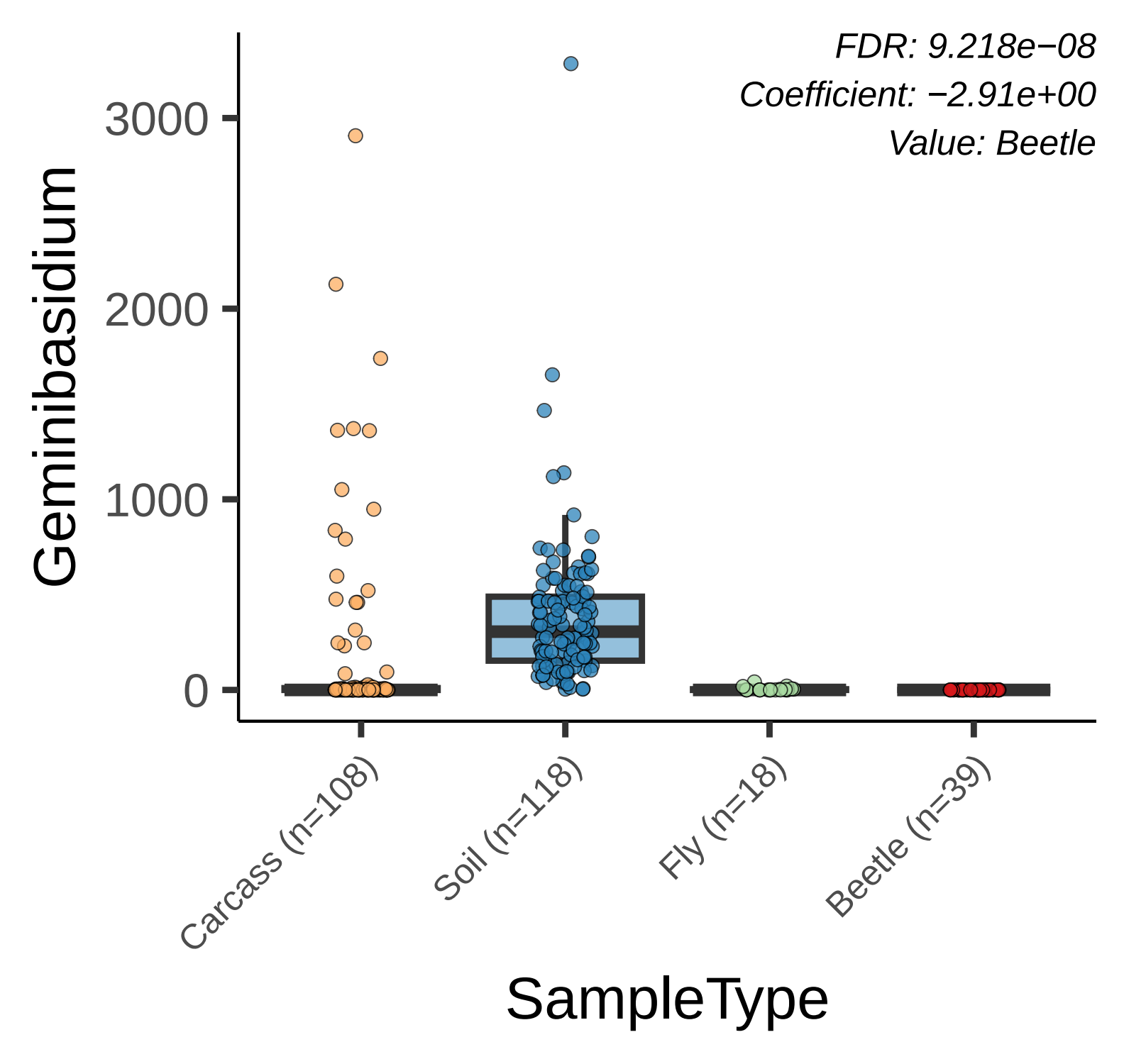

FDR: 4.893e−08
Coefficient: 1.27e+00
Value: Soil
Microbotryum
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

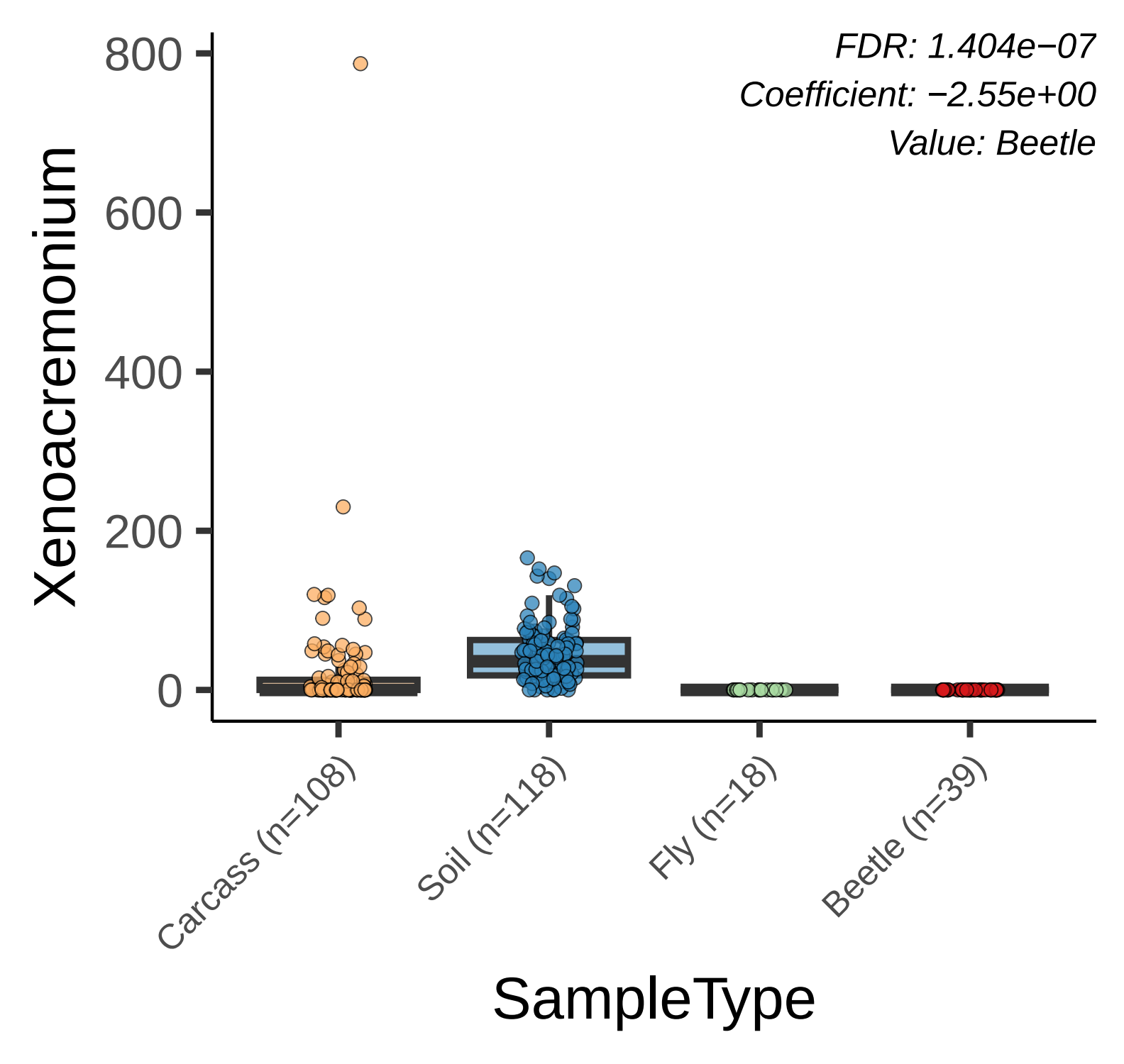

FDR: 5.389e−08
Coefficient: 9.53e−01
Value: Soil
Atheliaceae_gen_Incertae_sedis
50
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

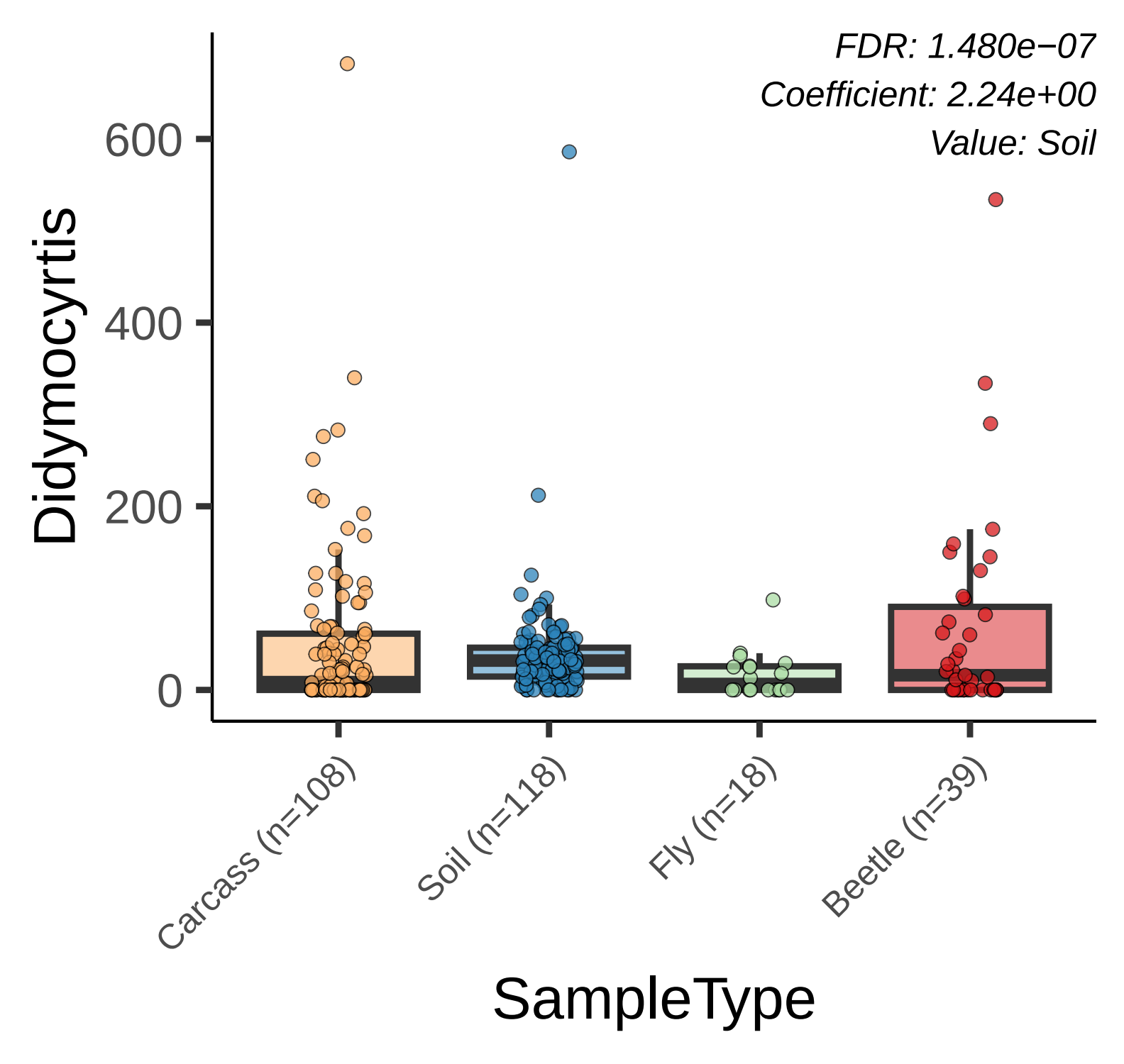

FDR: 5.675e−08
Coefficient: 2.63e+00
Value: Fly
Zymoseptoria
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

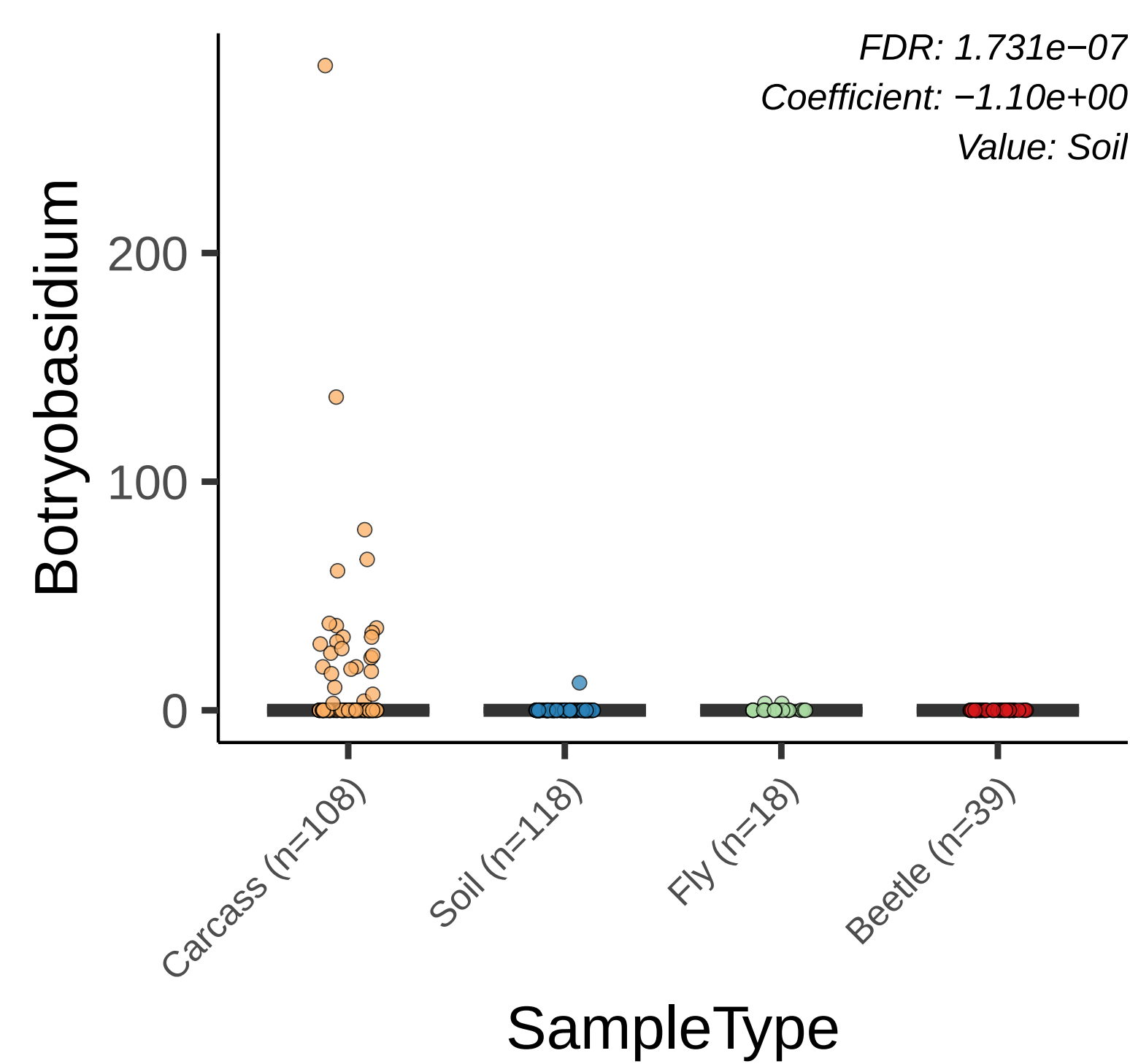

FDR: 6.016e−08
Coefficient: −1.75e+00
Value: Soil
Bullera
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

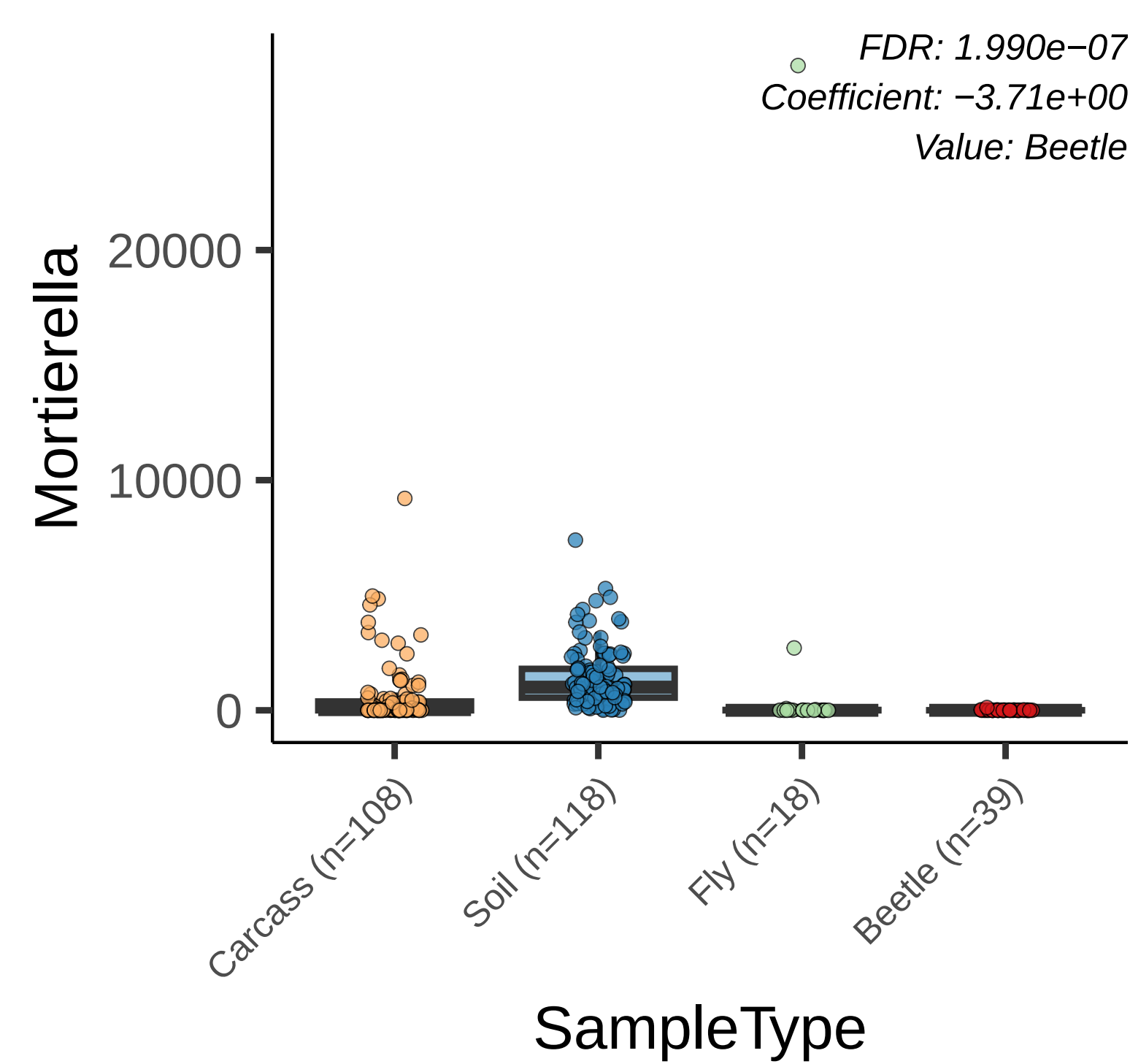

FDR: 9.218e−08
Coefficient: 9.87e−01
Value: Soil
Striaticonidium
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

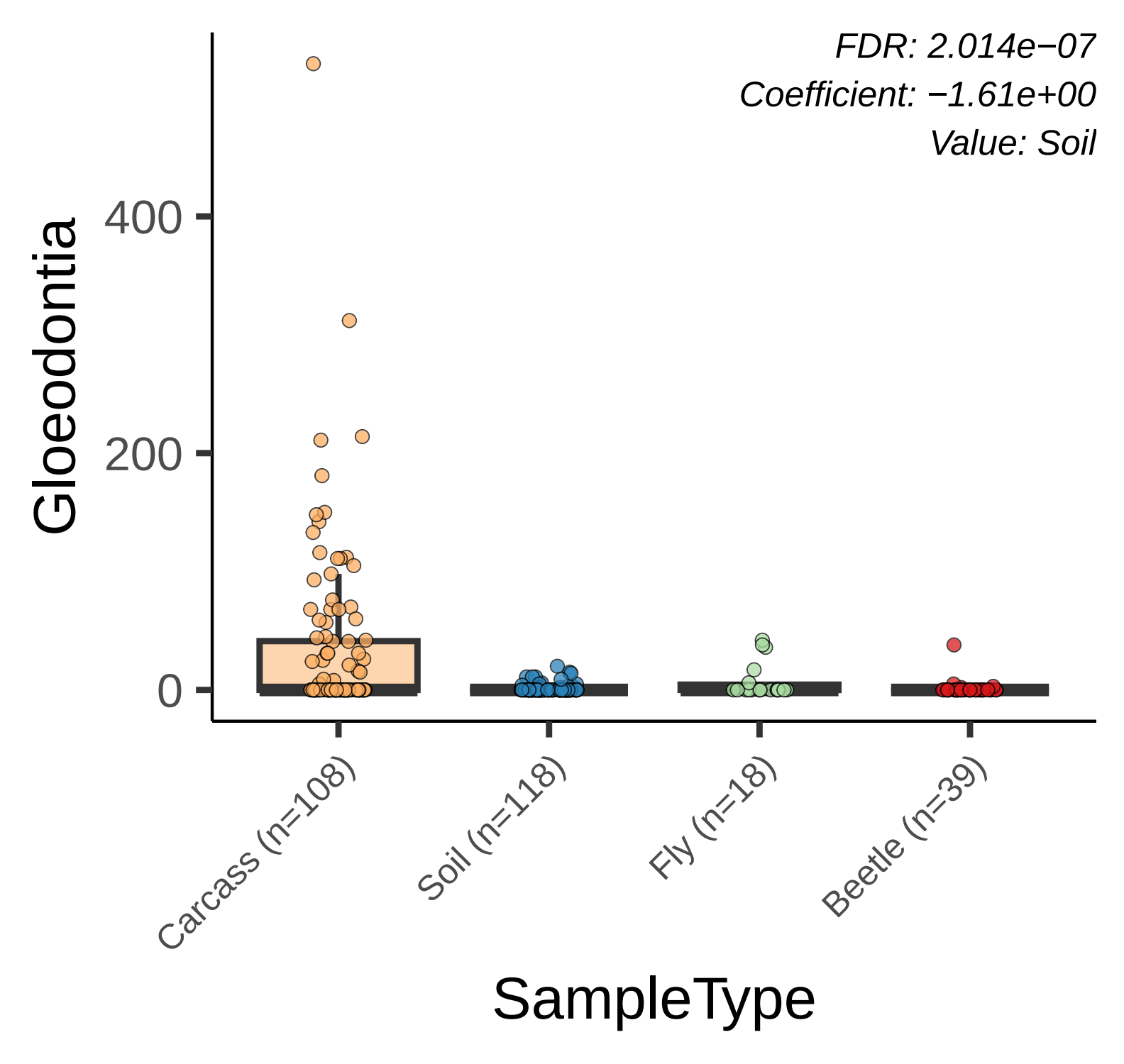

FDR: 9.218e−08
Coefficient: −2.91e+00
Value: Beetle
Geminibasidium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

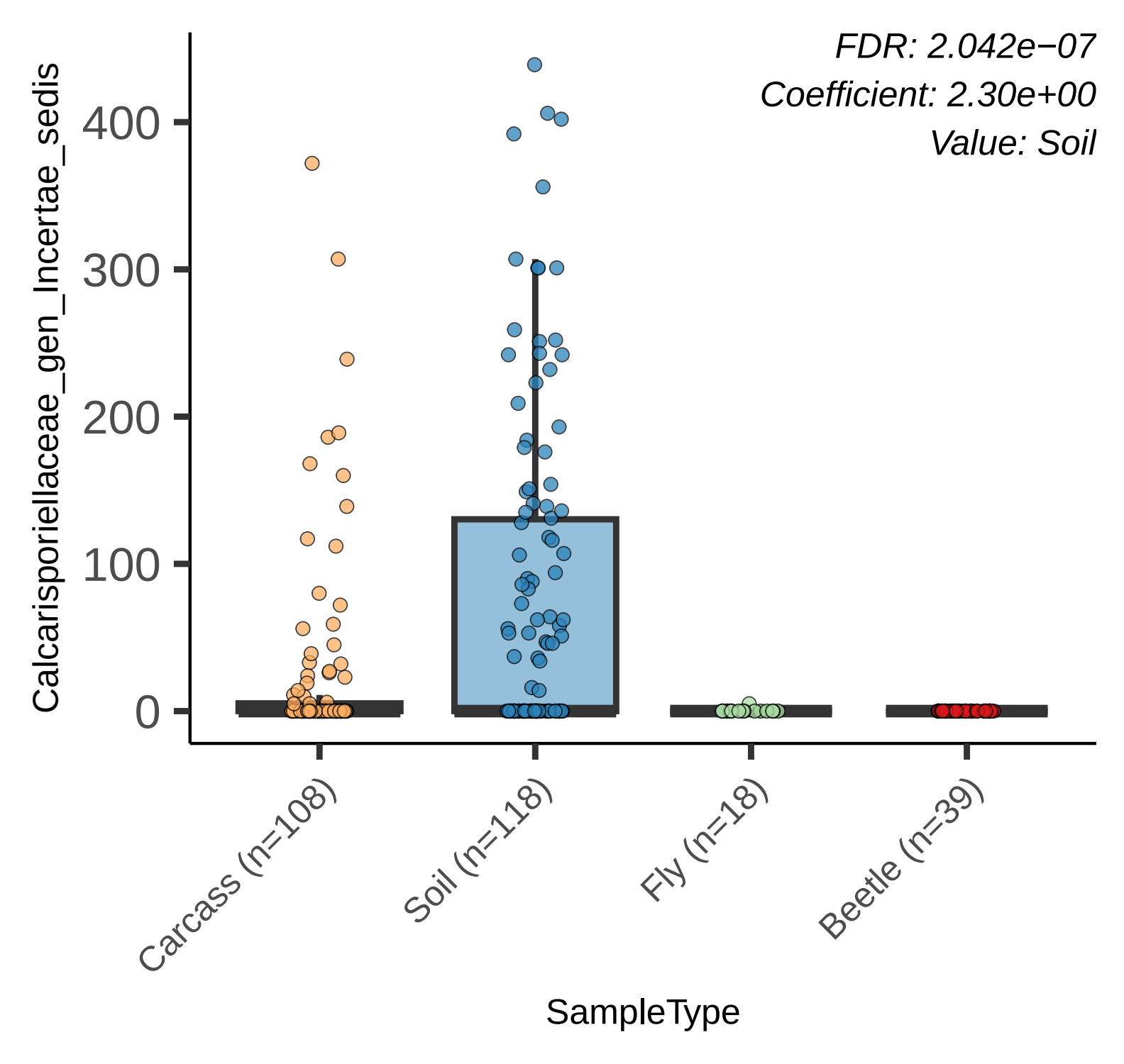

FDR: 1.404e−07
Coefficient: −2.55e+00
Value: Beetle
Xenoacremonium
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

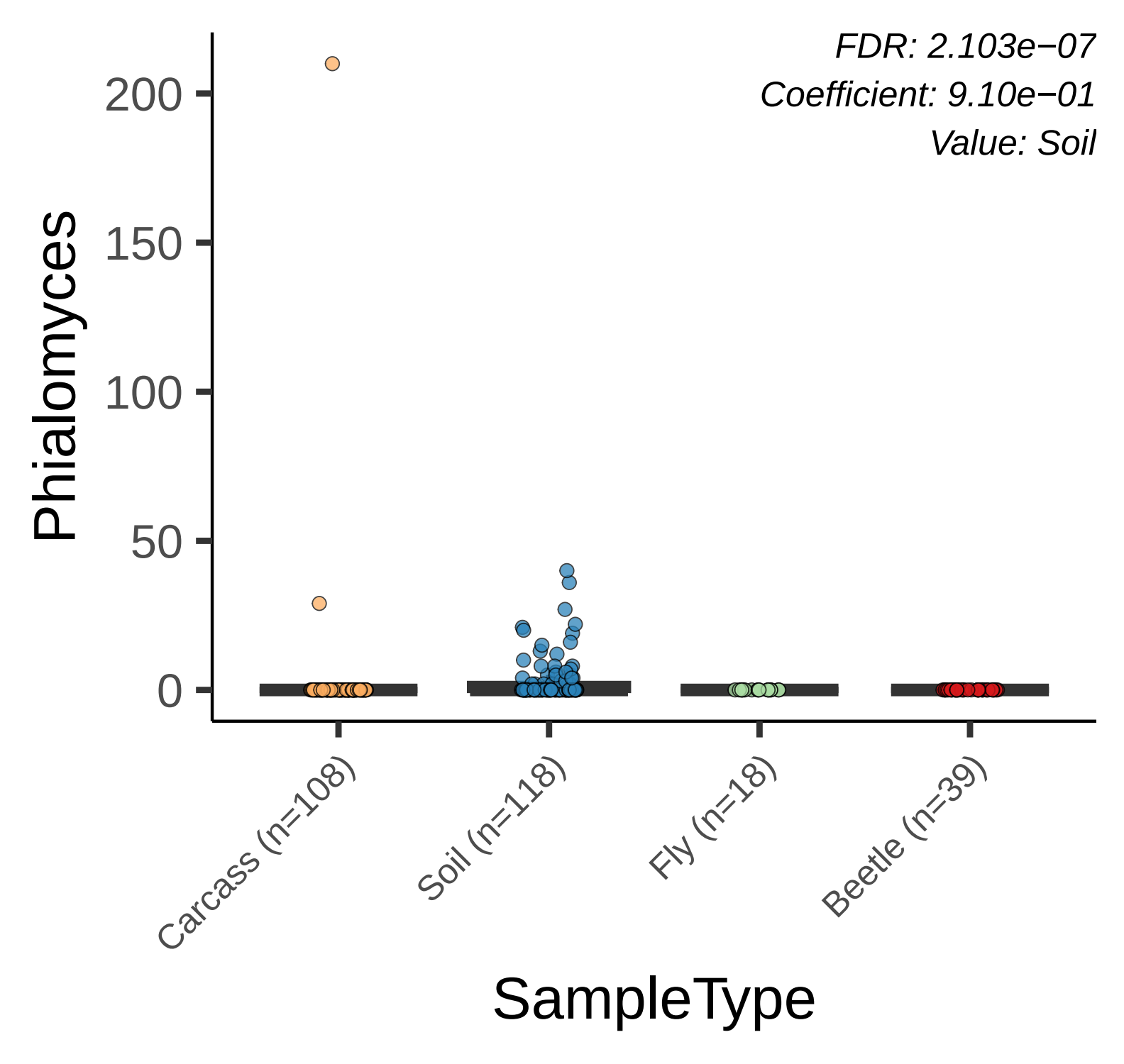

FDR: 1.480e−07
Coefficient: 2.24e+00
Value: Soil
Didymocyrtis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

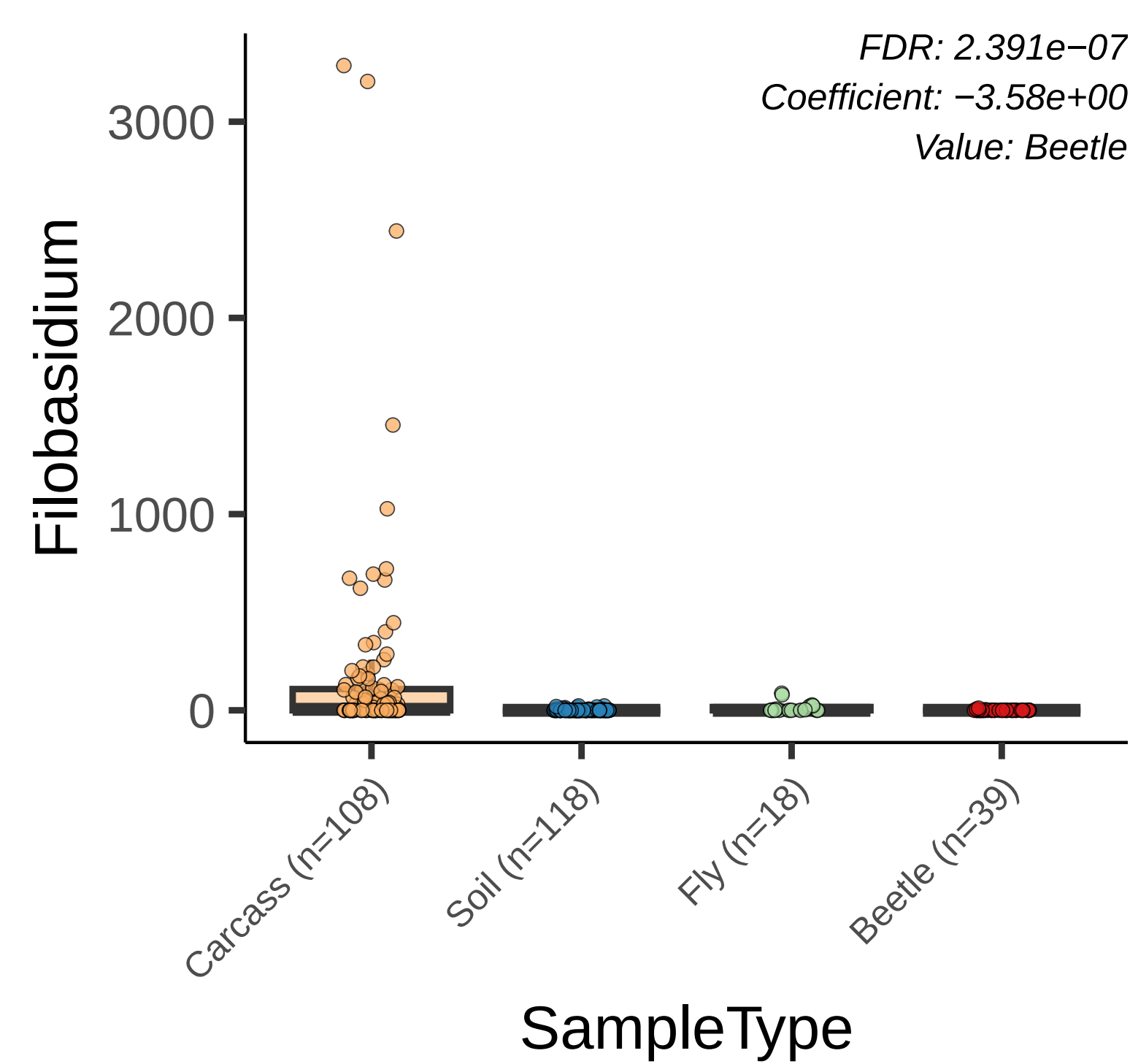

FDR: 1.731e−07
Coefficient: −1.10e+00
Value: Soil
Botryobasidium
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

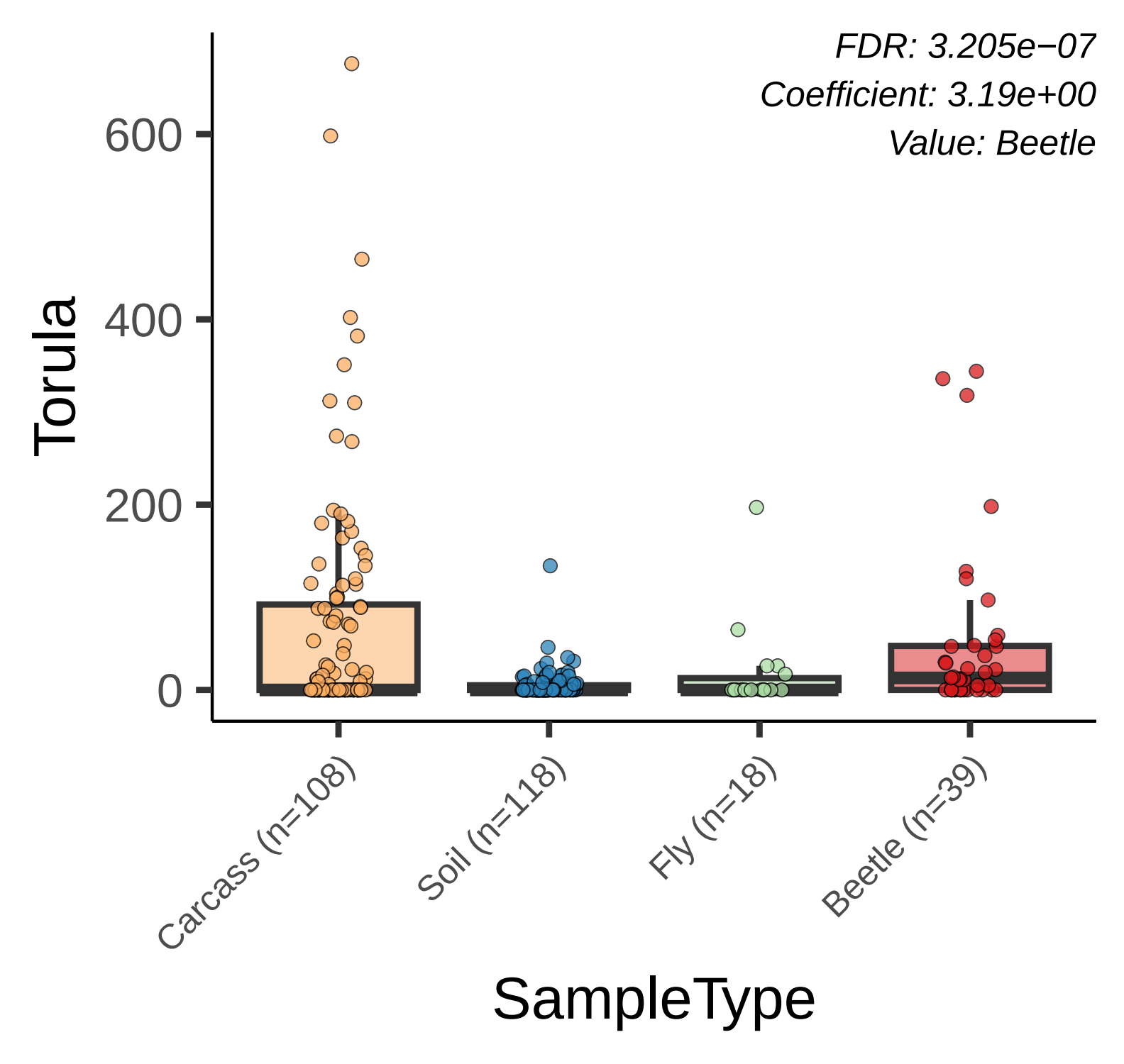

FDR: 1.990e−07
Coefficient: −3.71e+00
Value: Beetle
Mortierella
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

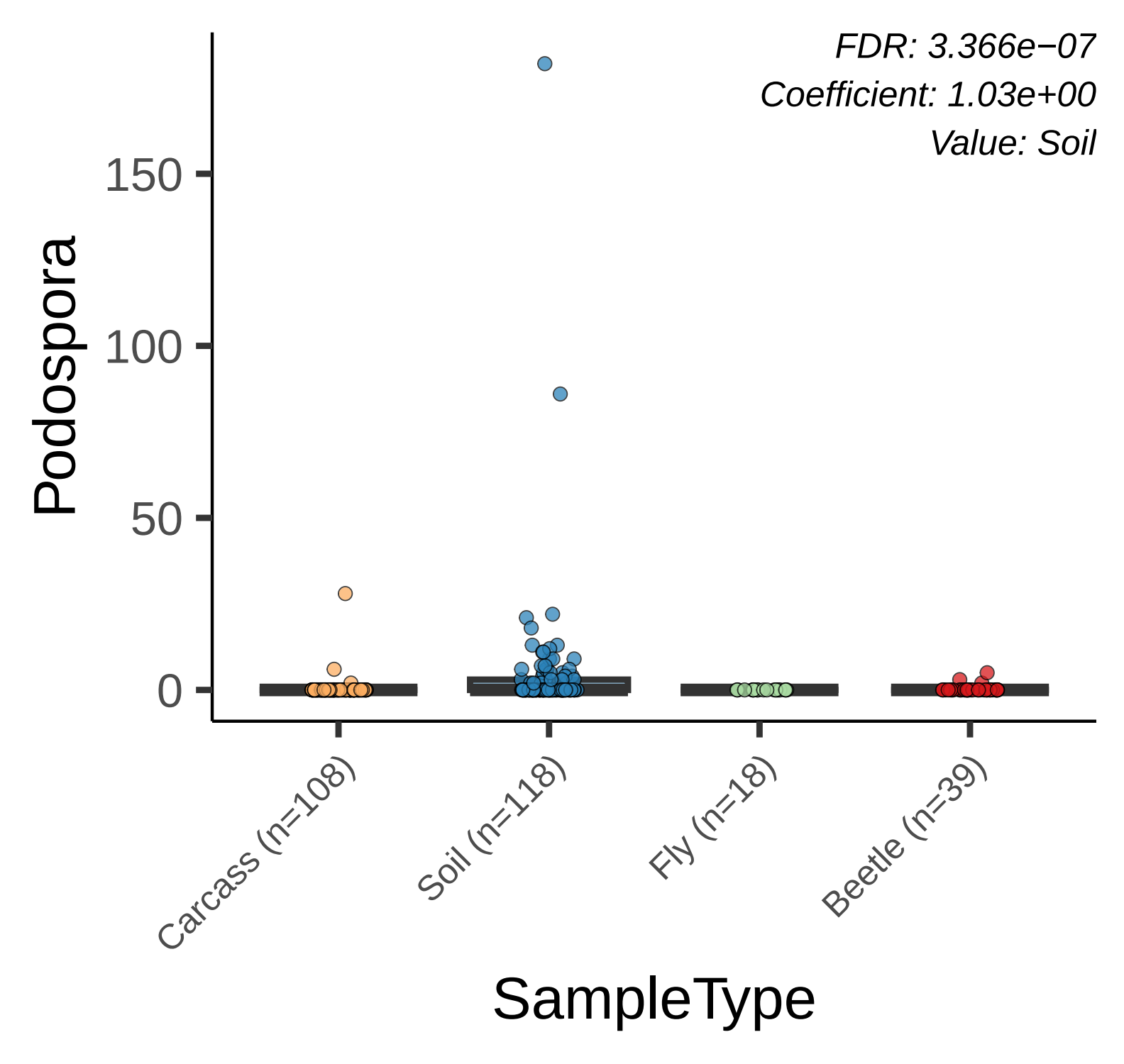

FDR: 2.014e−07
Coefficient: −1.61e+00
Value: Soil
Gloeodontia
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

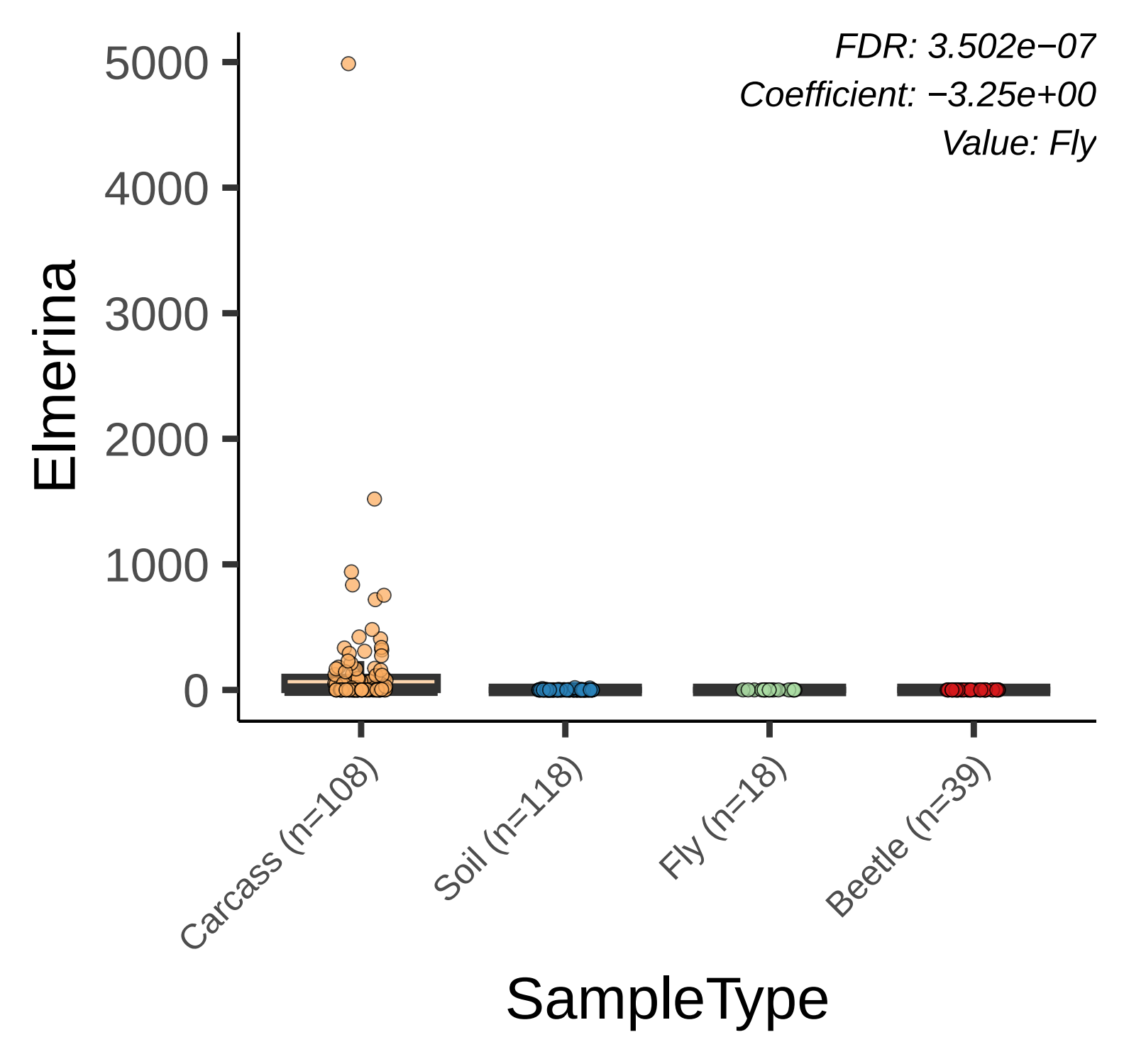

FDR: 2.042e−07
Coefficient: 2.30e+00
Value: Soil
Calcarisporiellaceae_gen_Incertae_sedis
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

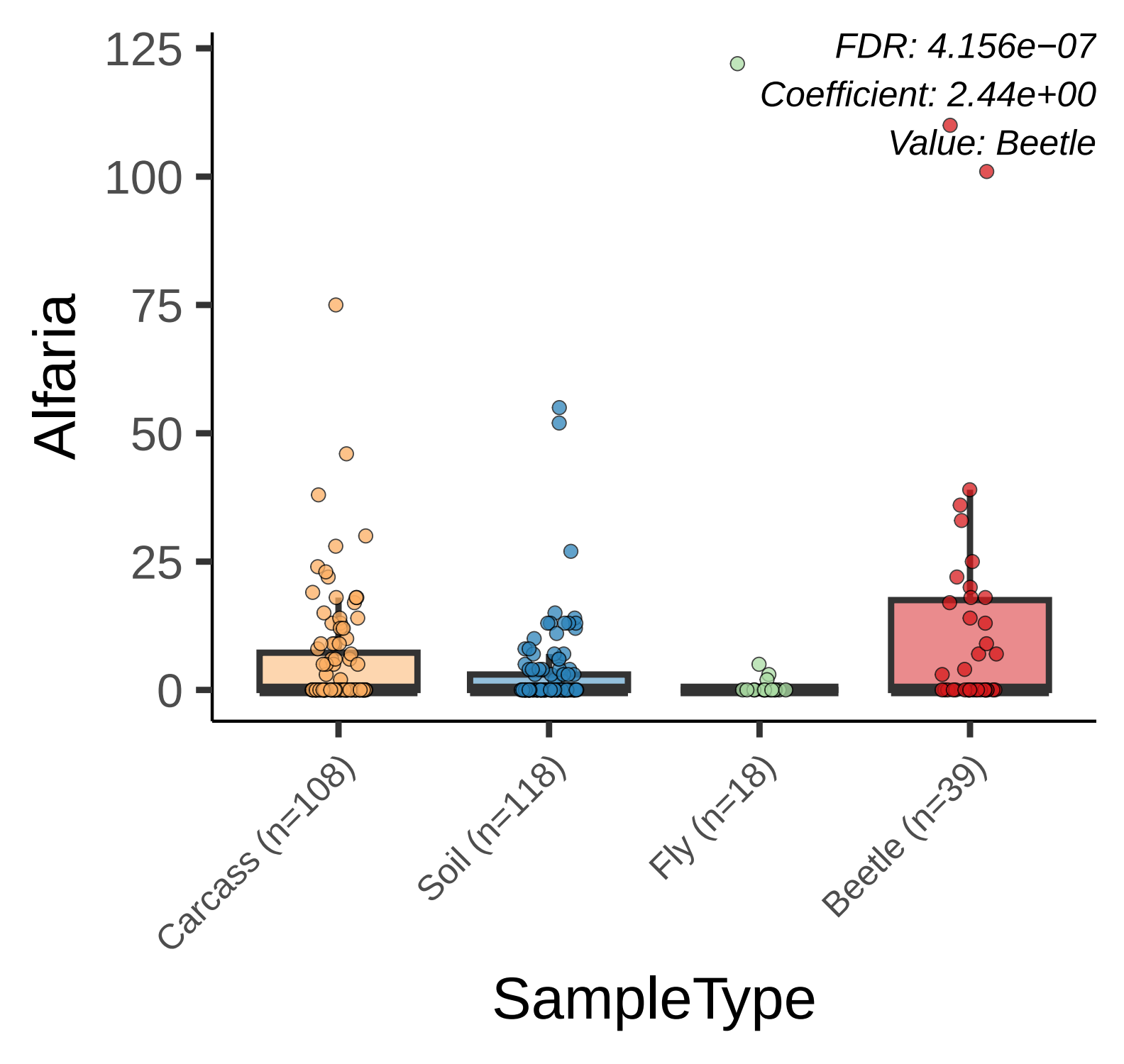

FDR: 2.103e−07
Coefficient: 9.10e−01
Value: Soil
Phialomyces
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

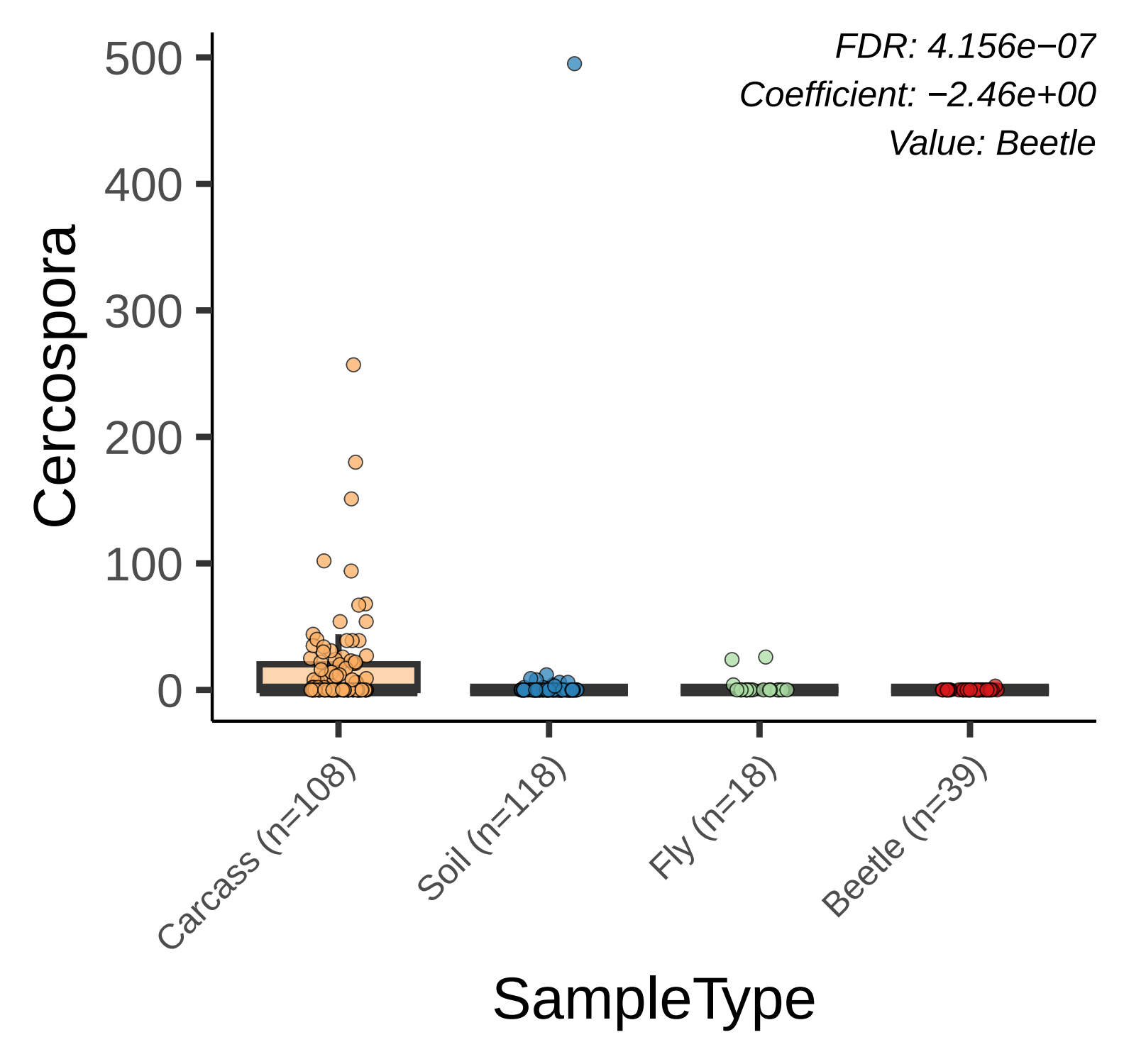

FDR: 2.391e−07
Coefficient: −3.58e+00
Value: Beetle
Filobasidium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

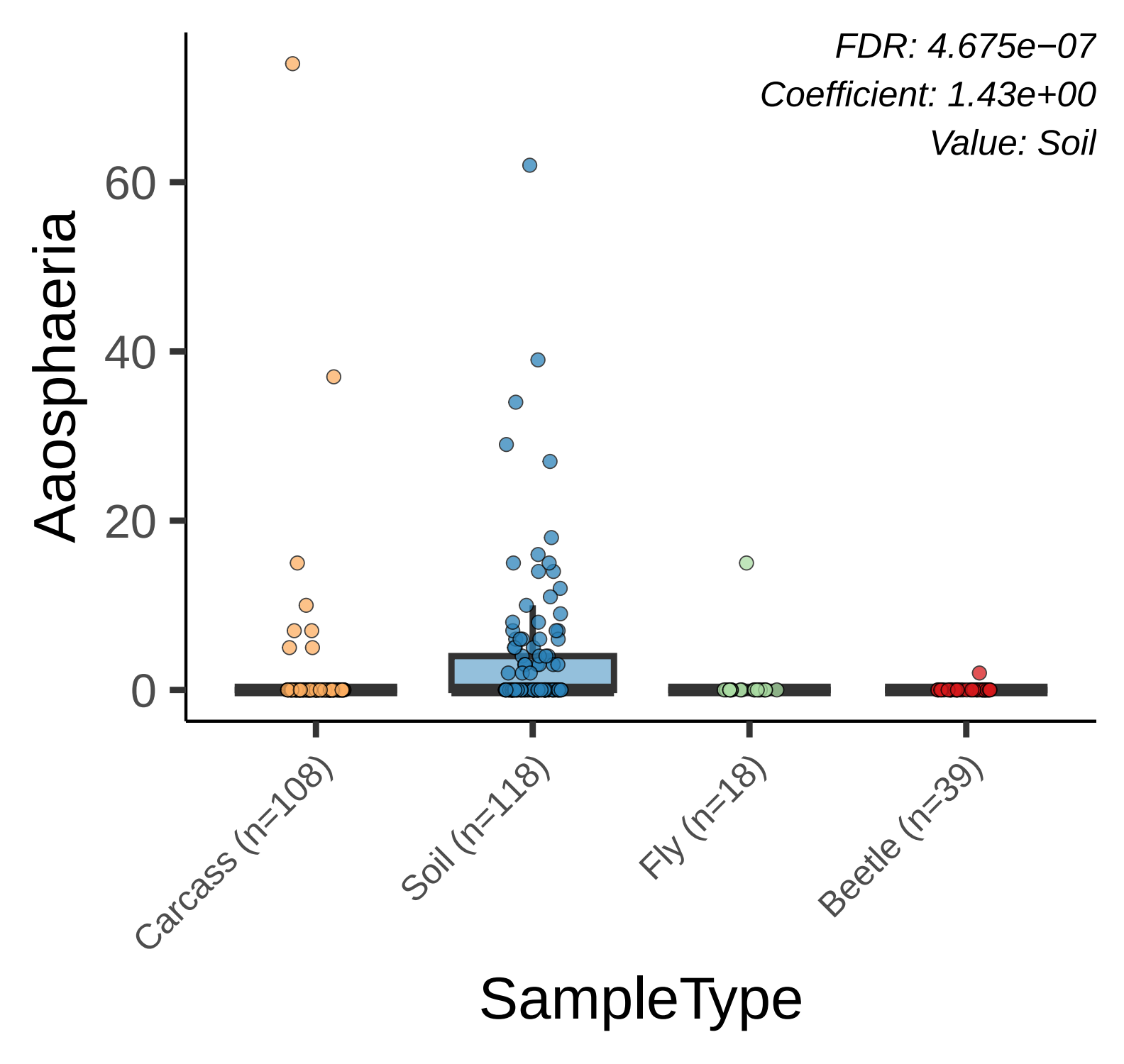

FDR: 3.205e−07
Coefficient: 3.19e+00
Value: Beetle
Torula
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

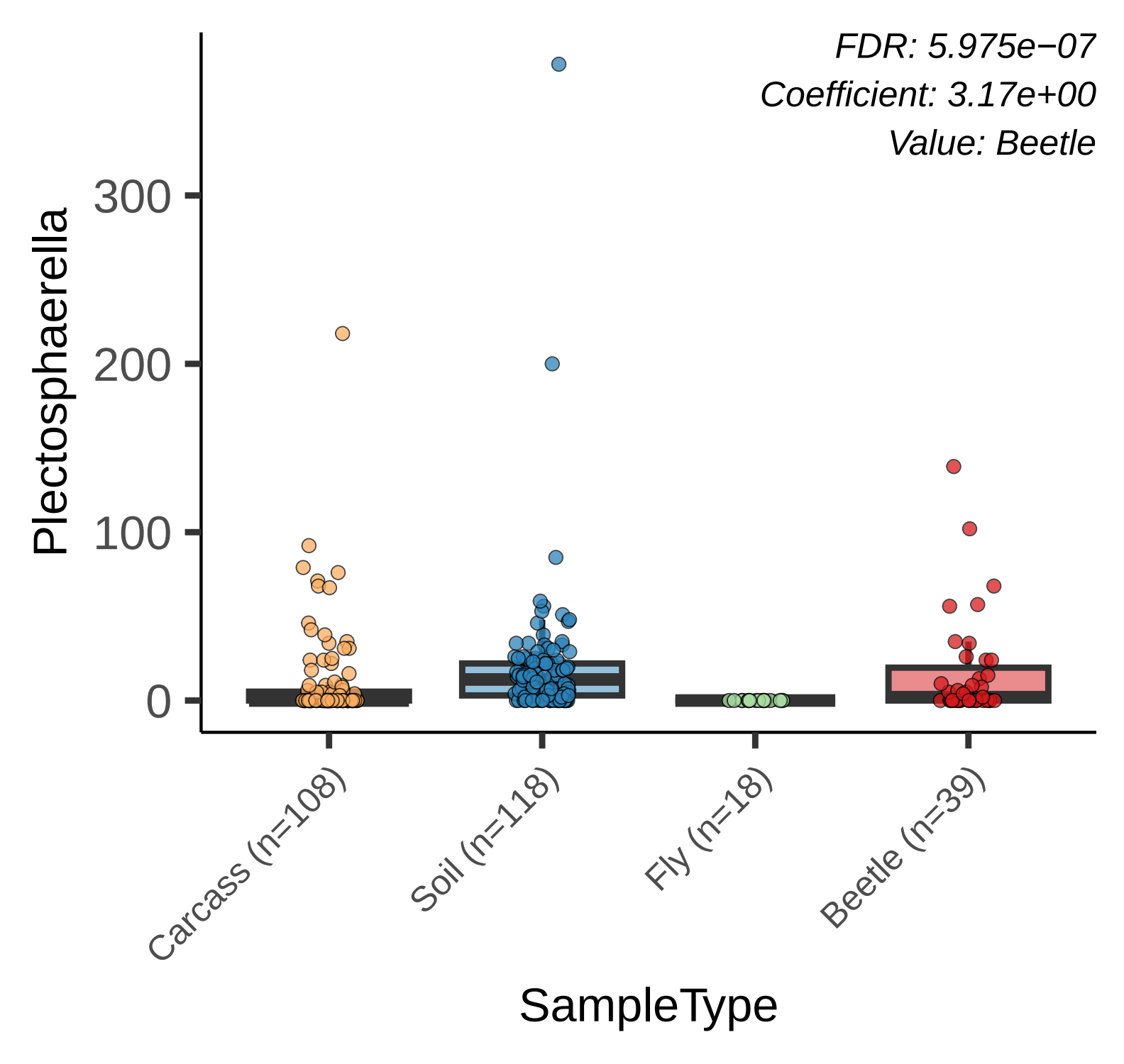

FDR: 3.366e−07
Coefficient: 1.03e+00
Value: Soil
Podospora
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

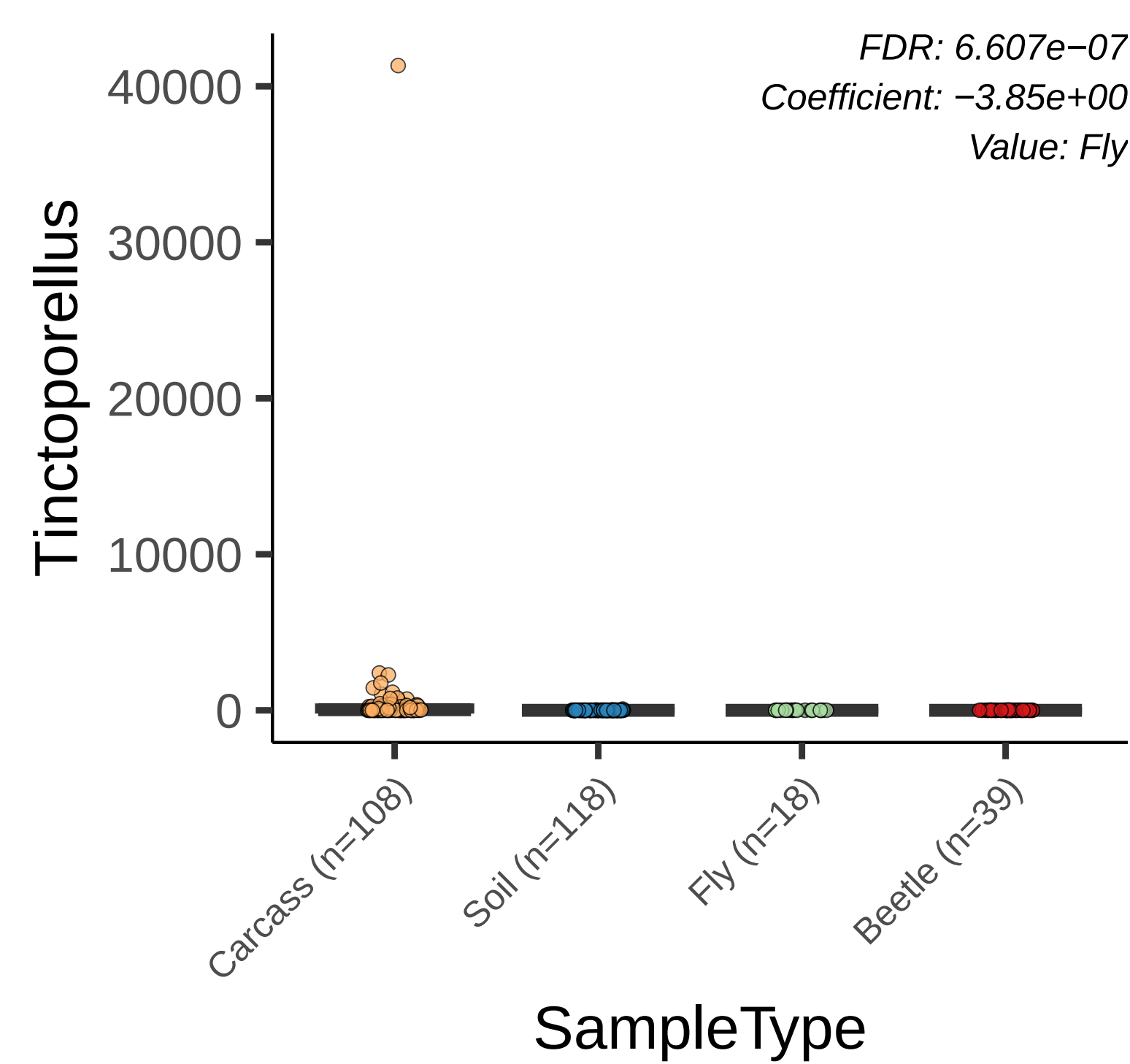

FDR: 3.502e−07
Coefficient: −3.25e+00
Value: Fly
Elmerina
5000
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

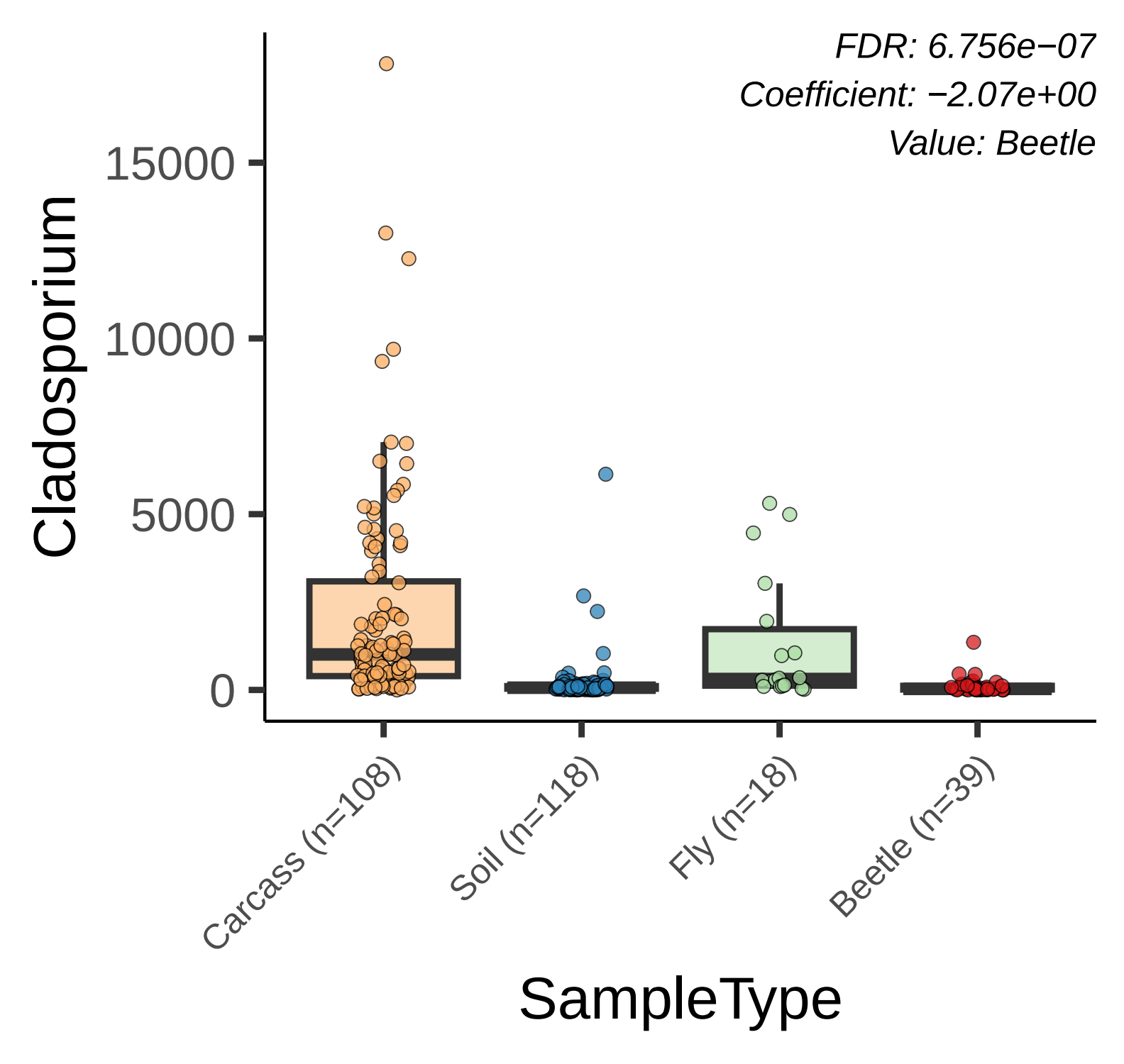

FDR: 4.156e−07
Coefficient: 2.44e+00
Value: Beetle
Alfaria
125
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

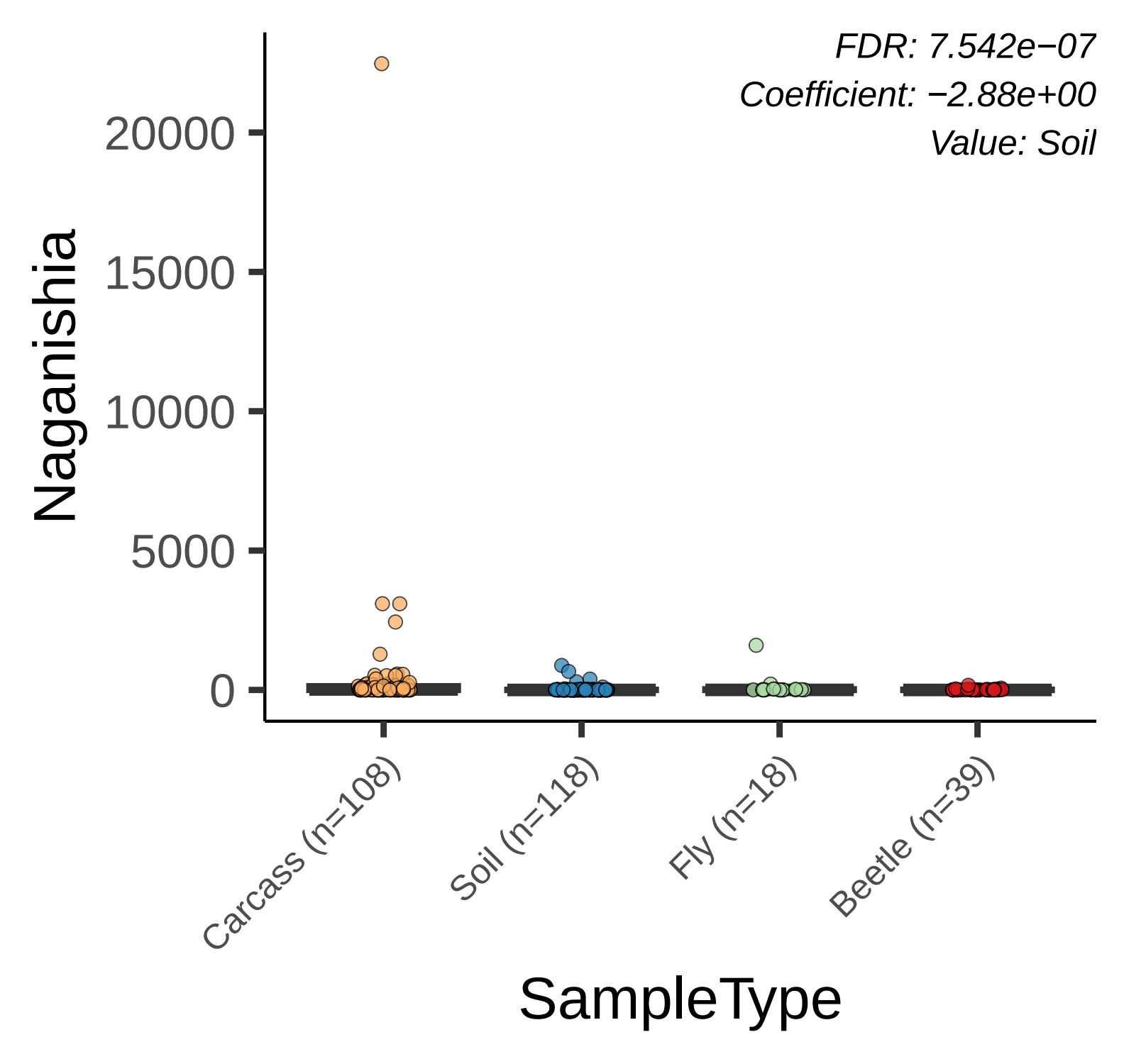

FDR: 4.156e−07
Coefficient: −2.46e+00
Value: Beetle
Cercospora
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

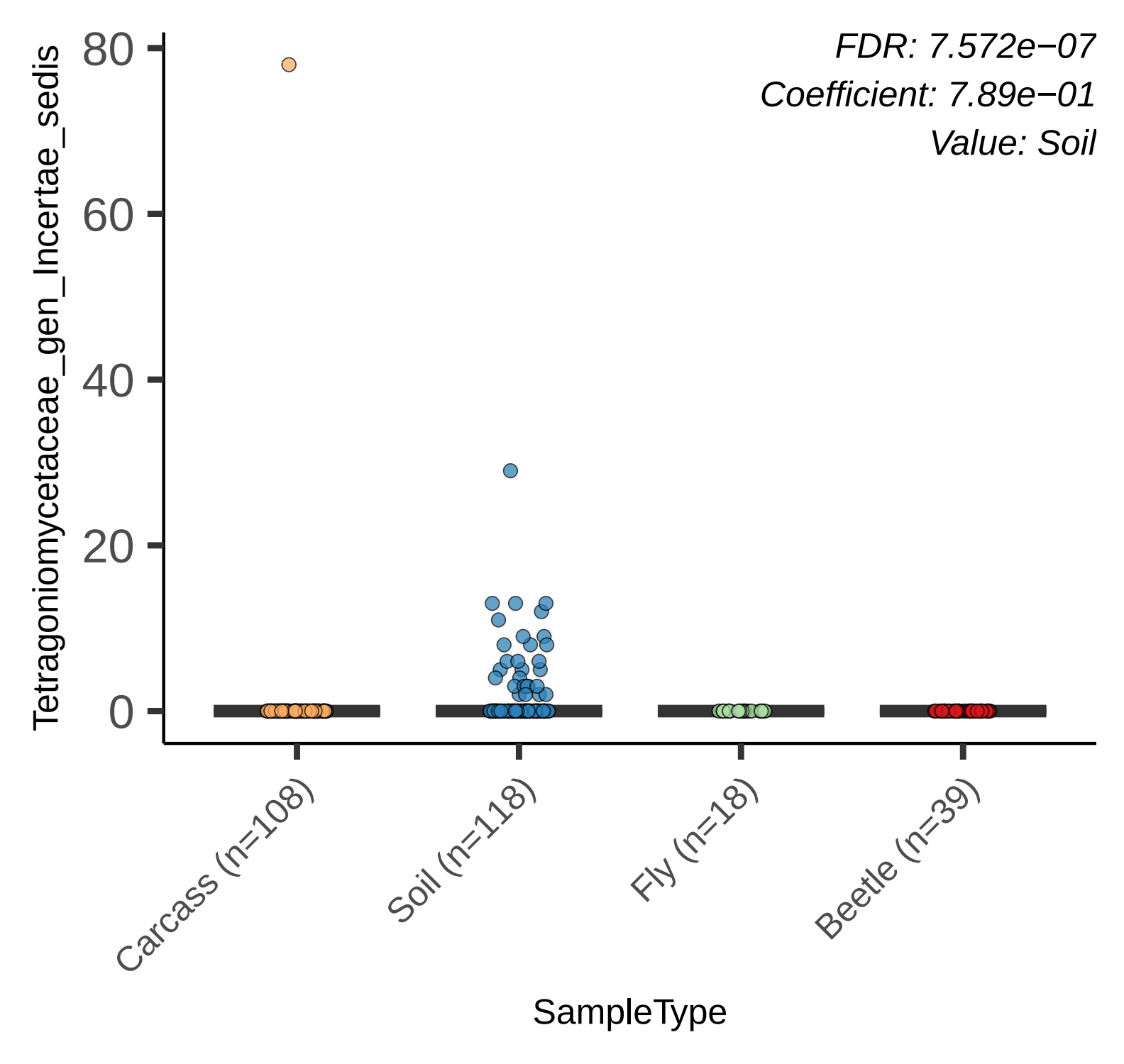

FDR: 4.675e−07
Coefficient: 1.43e+00
Value: Soil
Aaosphaeria
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

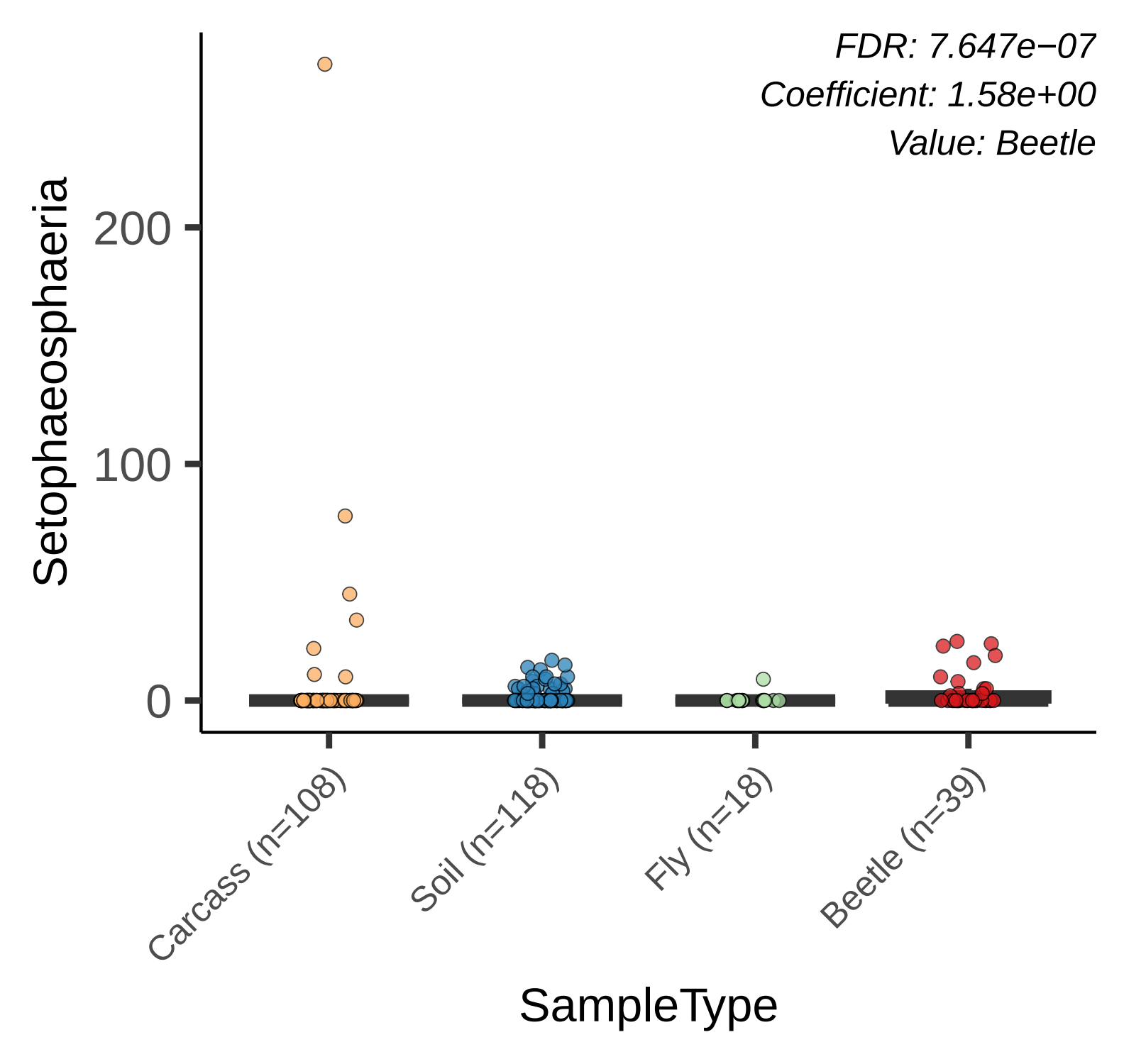

FDR: 5.975e−07
Coefficient: 3.17e+00
Value: Beetle
Plectosphaerella
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

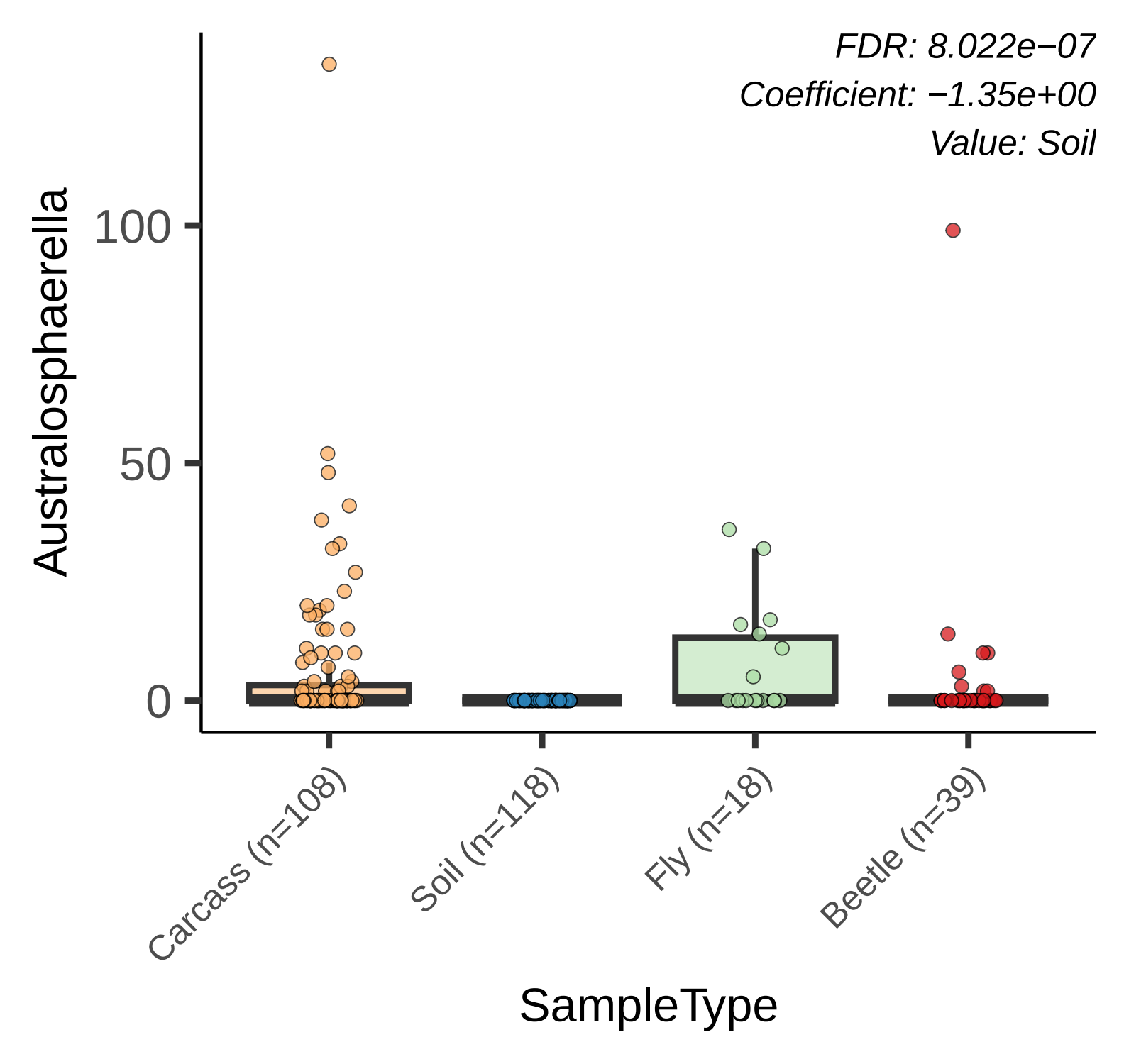

FDR: 6.607e−07
Coefficient: −3.85e+00
Value: Fly
Tinctoporellus
40000
30000
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

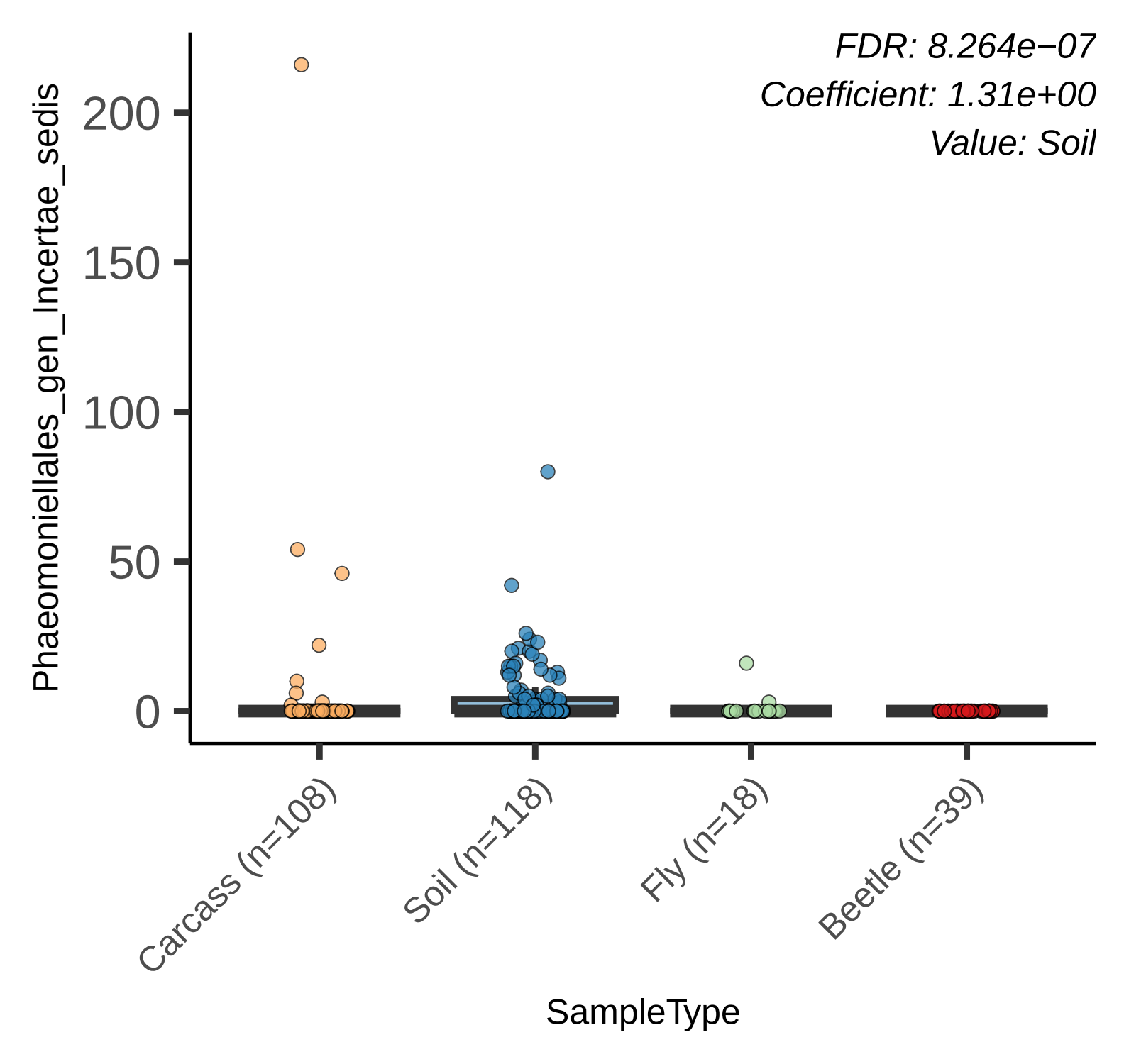

FDR: 6.756e−07
Coefficient: −2.07e+00
Value: Beetle
Cladosporium
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

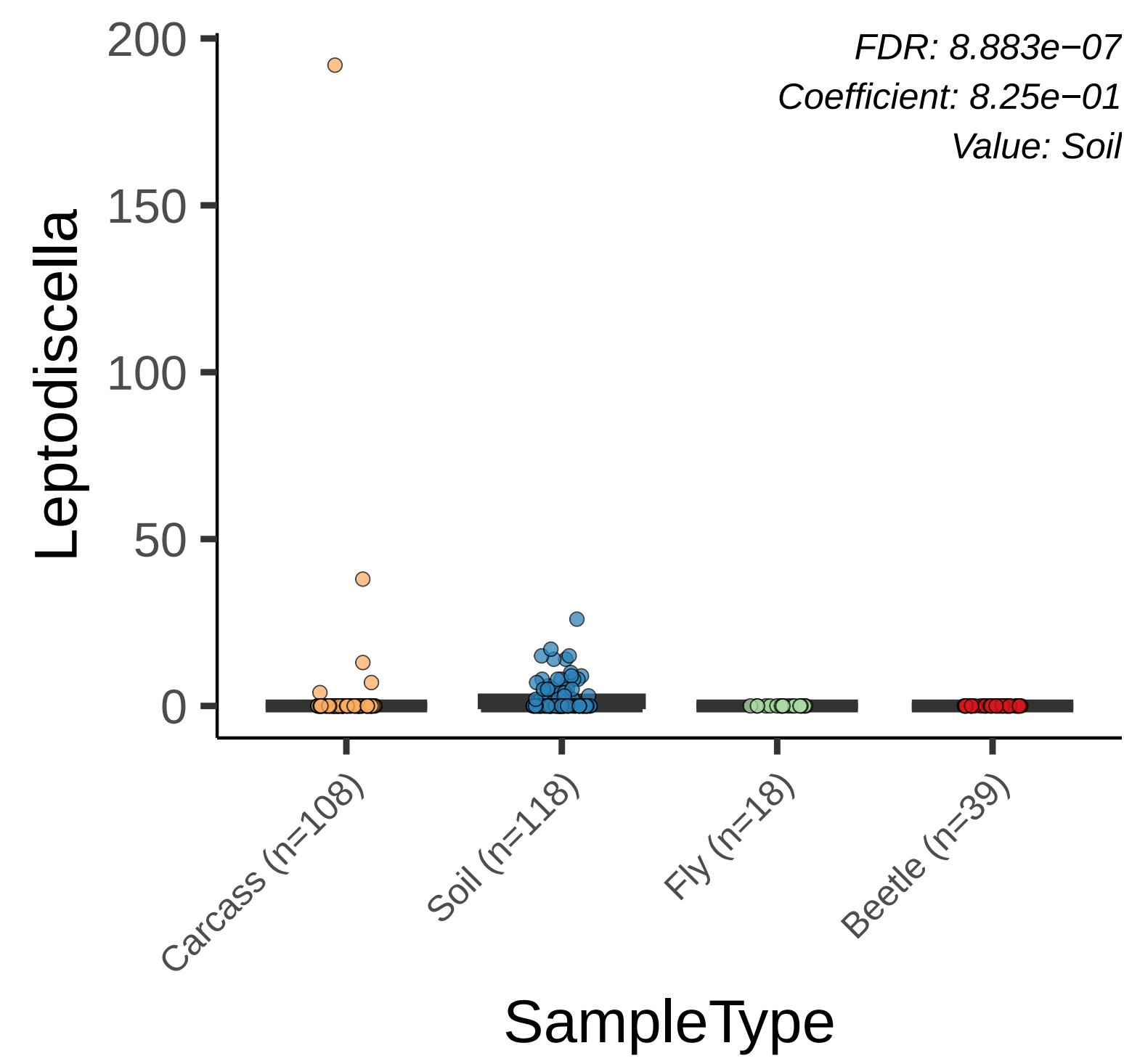

FDR: 7.542e−07
Coefficient: −2.88e+00
Value: Soil
Naganishia
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

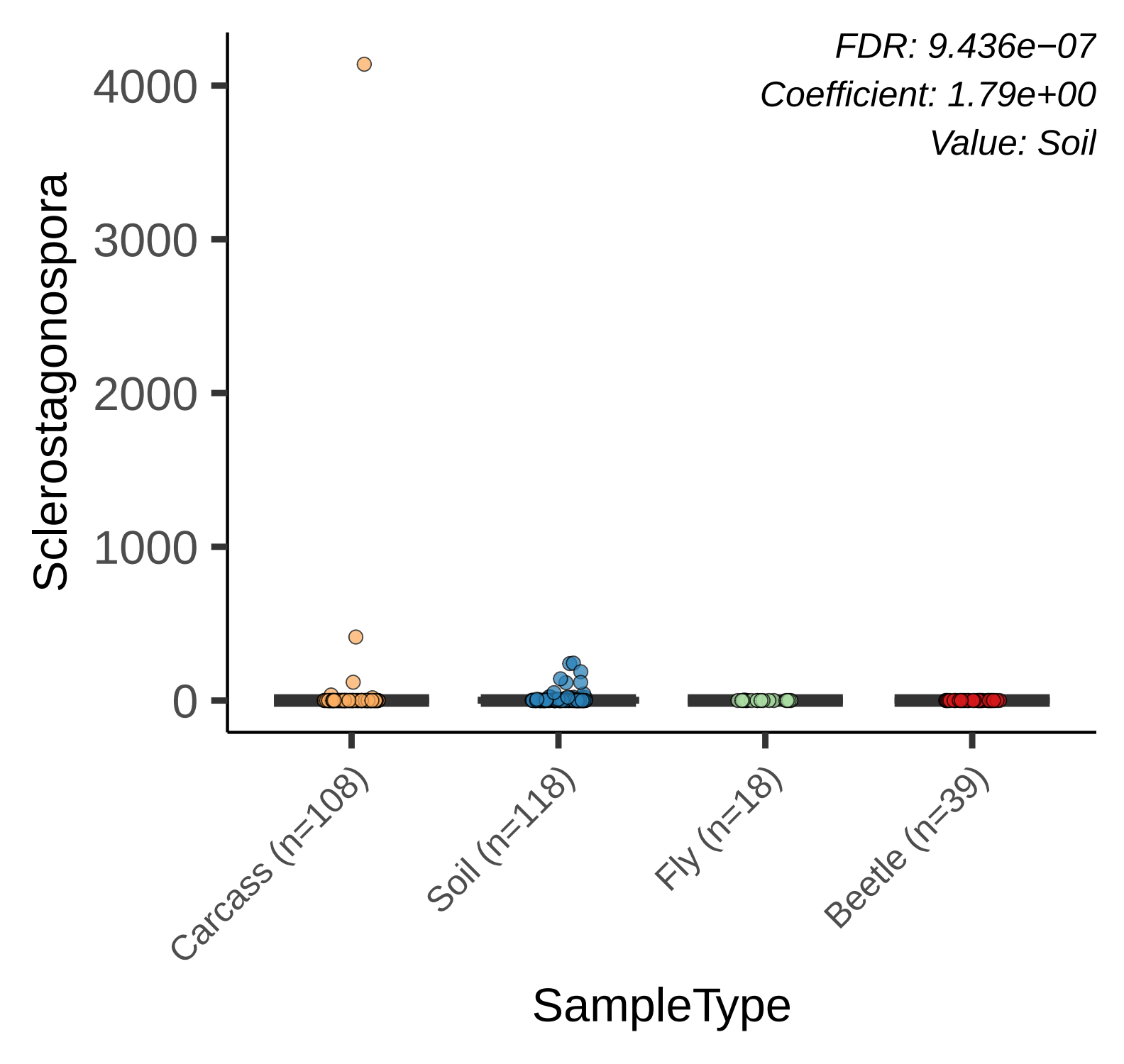

FDR: 7.572e−07
Coefficient: 7.89e−01
Value: Soil
Tetragoniomycetaceae_gen_Incertae_sedis
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

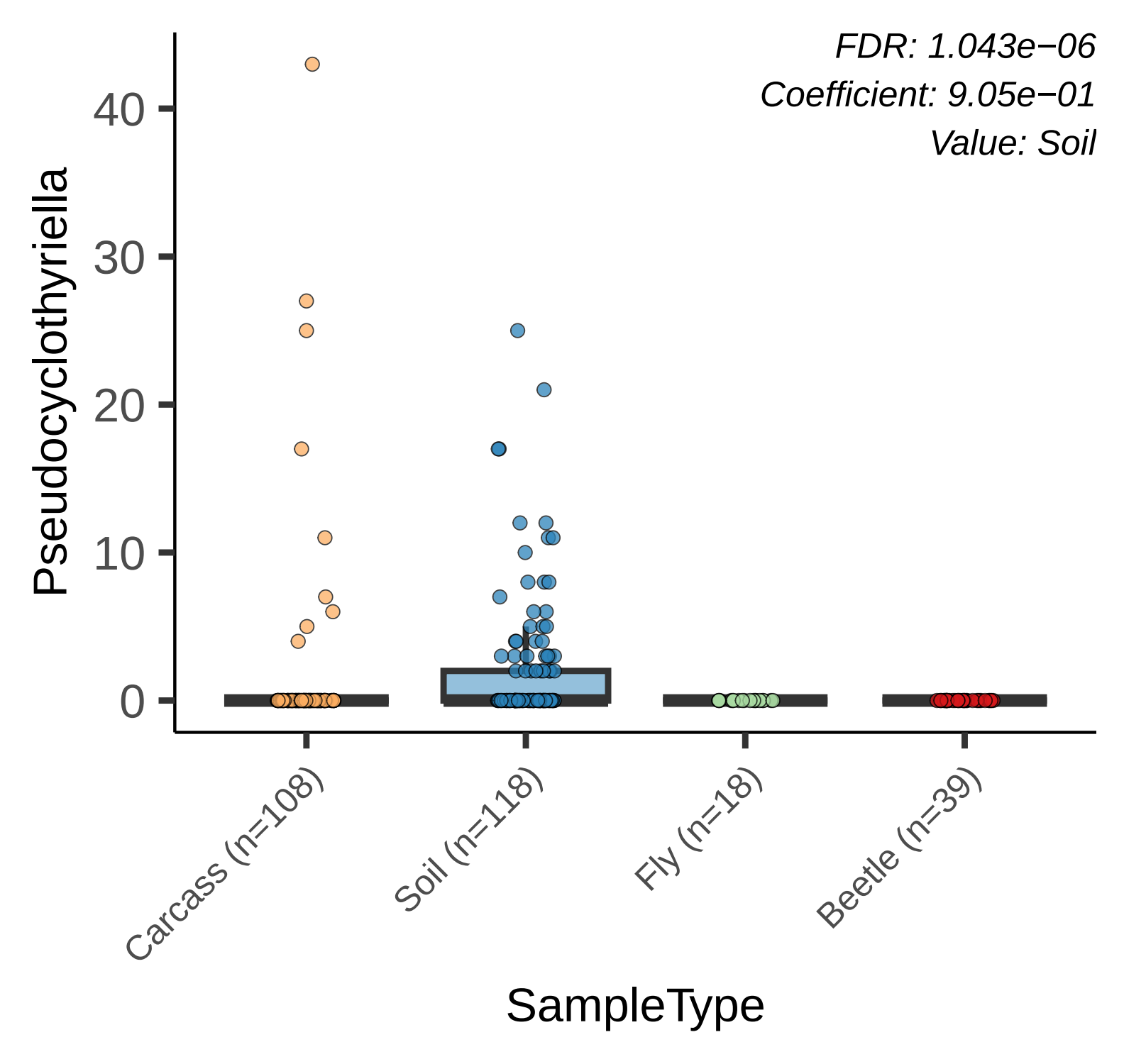

FDR: 7.647e−07
Coefficient: 1.58e+00
Value: Beetle
Setophaeosphaeria
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

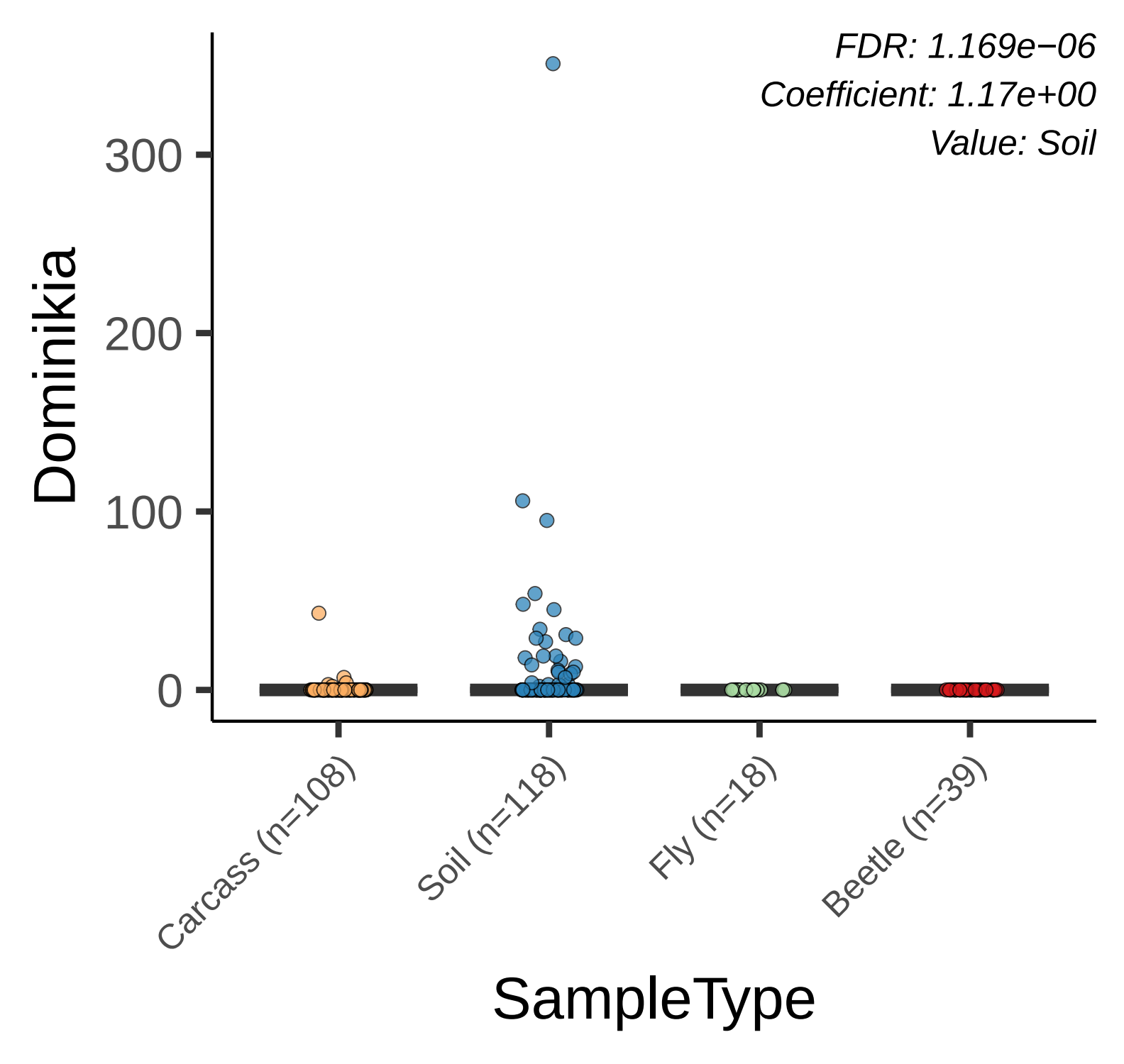

FDR: 8.022e−07
Coefficient: −1.35e+00
Value: Soil
Australosphaerella
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

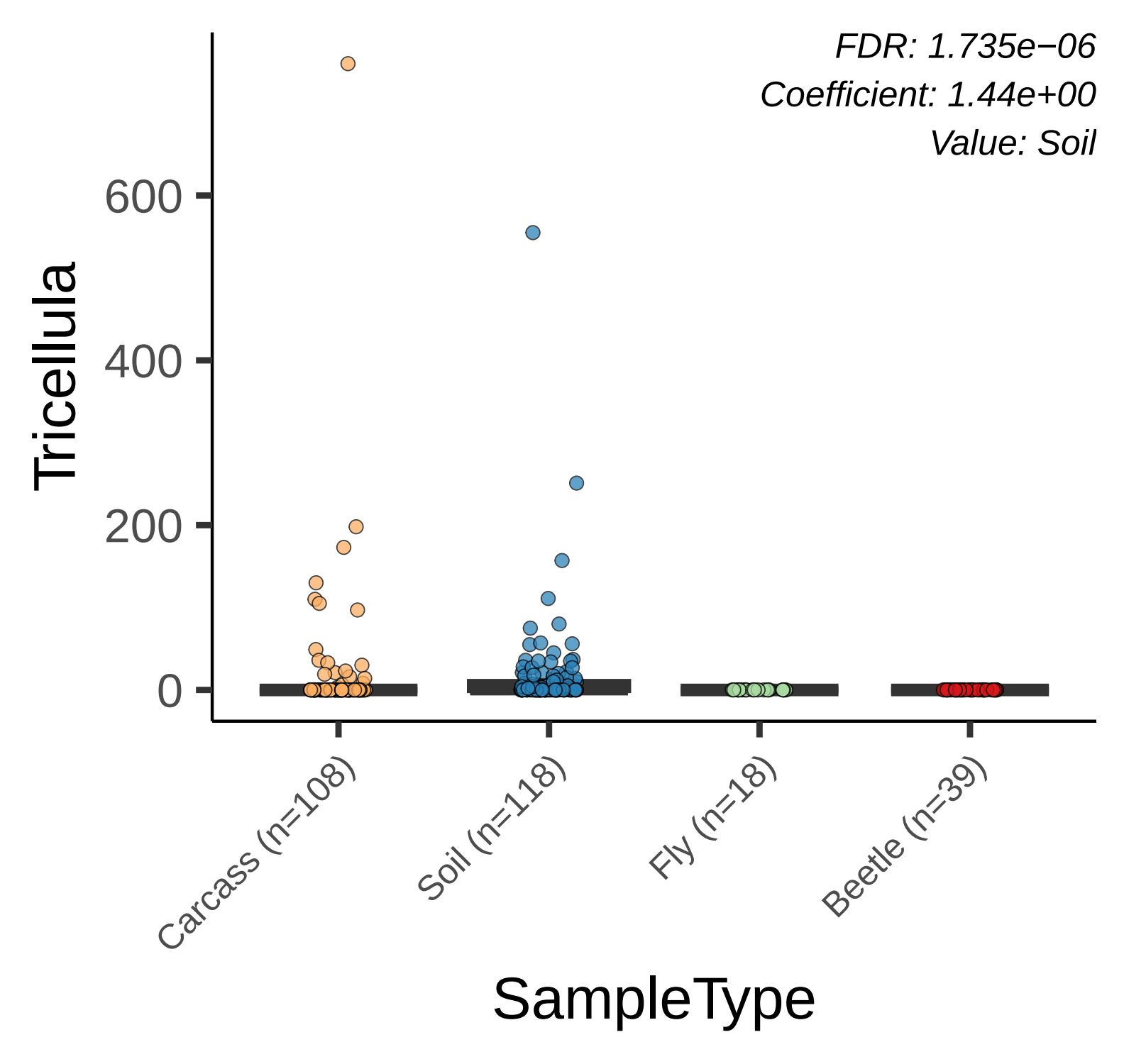

FDR: 8.264e−07
Coefficient: 1.31e+00
Value: Soil
Phaeomoniellales_gen_Incertae_sedis
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

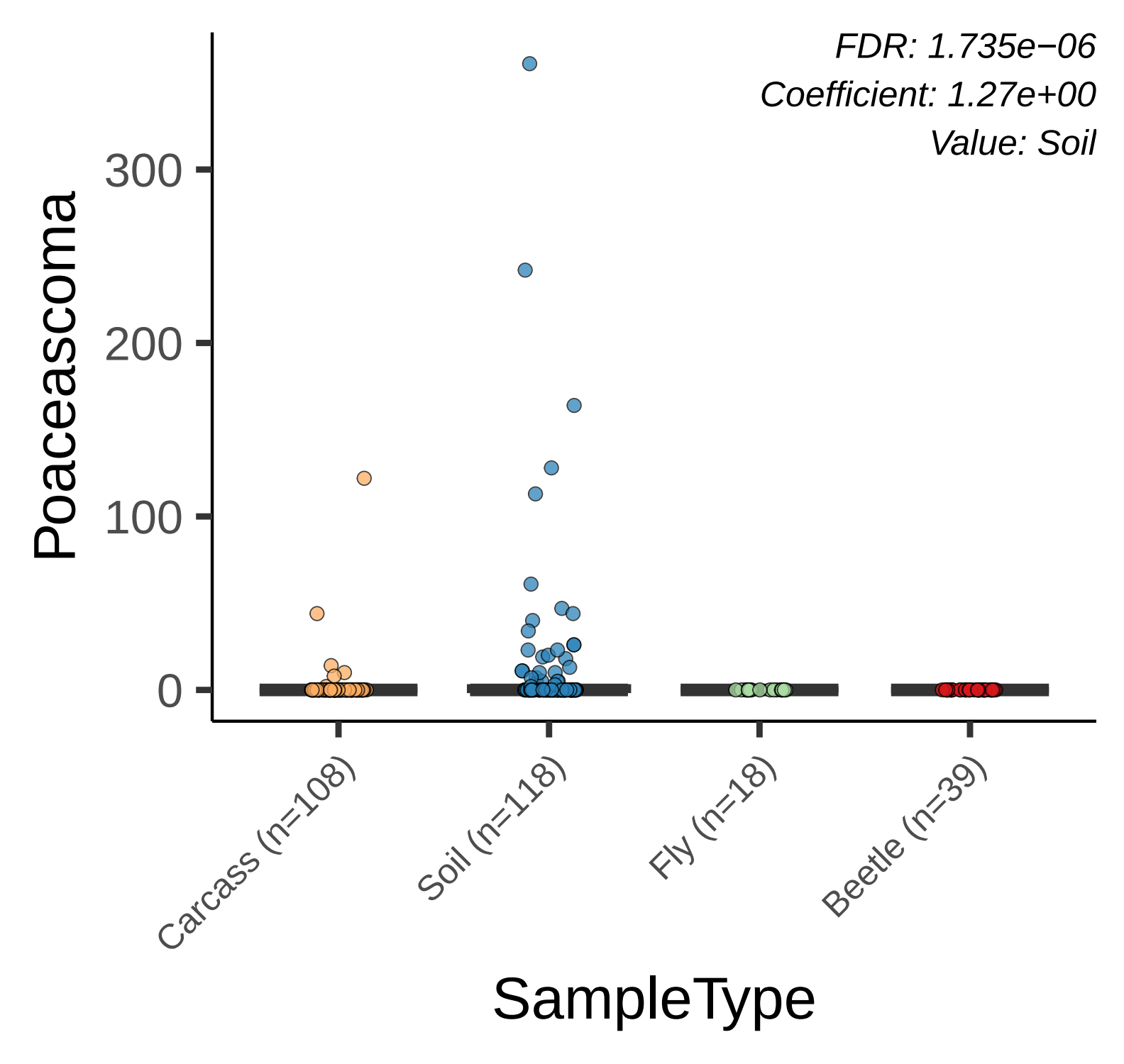

FDR: 8.883e−07
Coefficient: 8.25e−01
Value: Soil
Leptodiscella
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

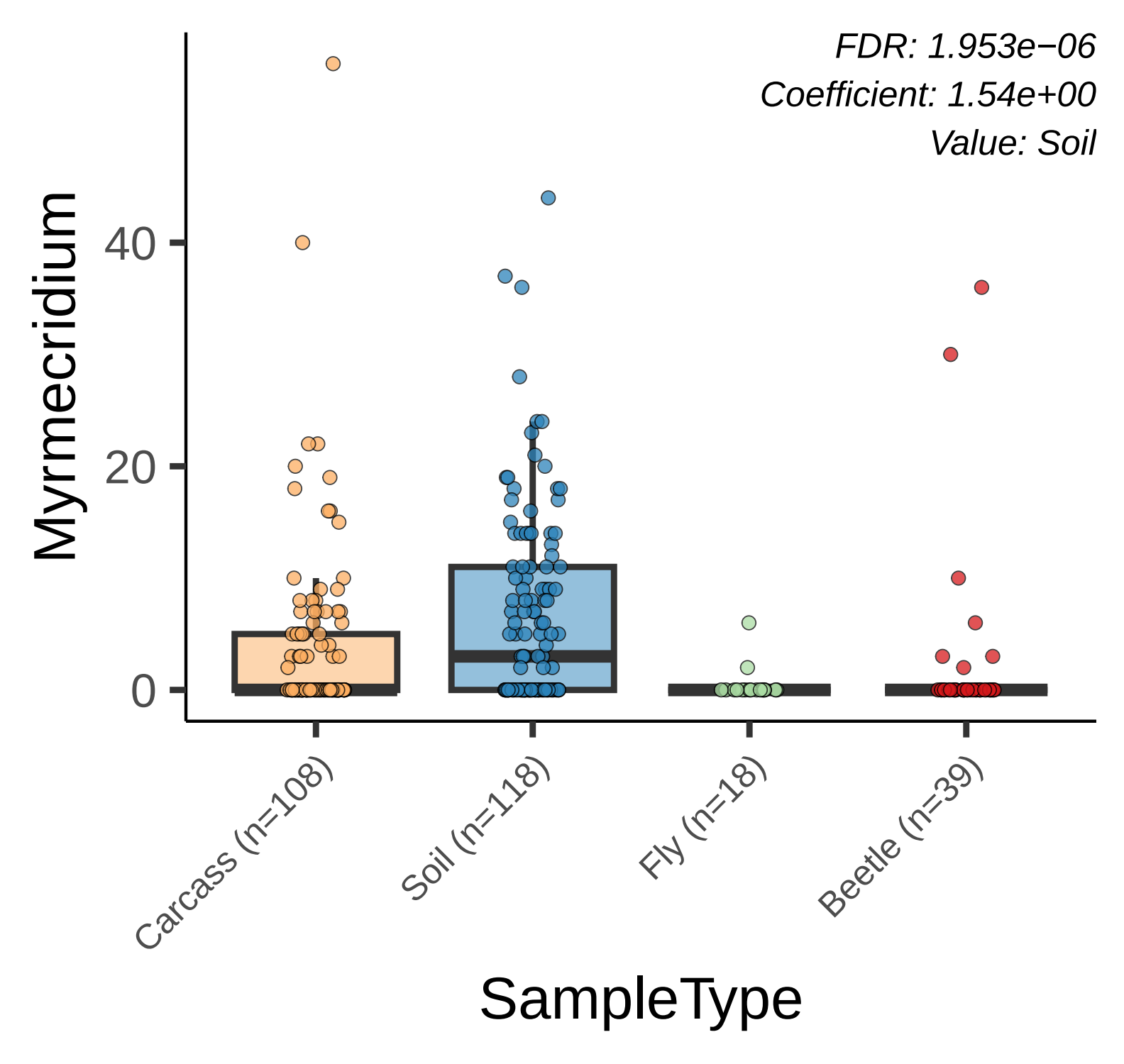

FDR: 9.436e−07
Coefficient: 1.79e+00
Value: Soil
Sclerostagonospora
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

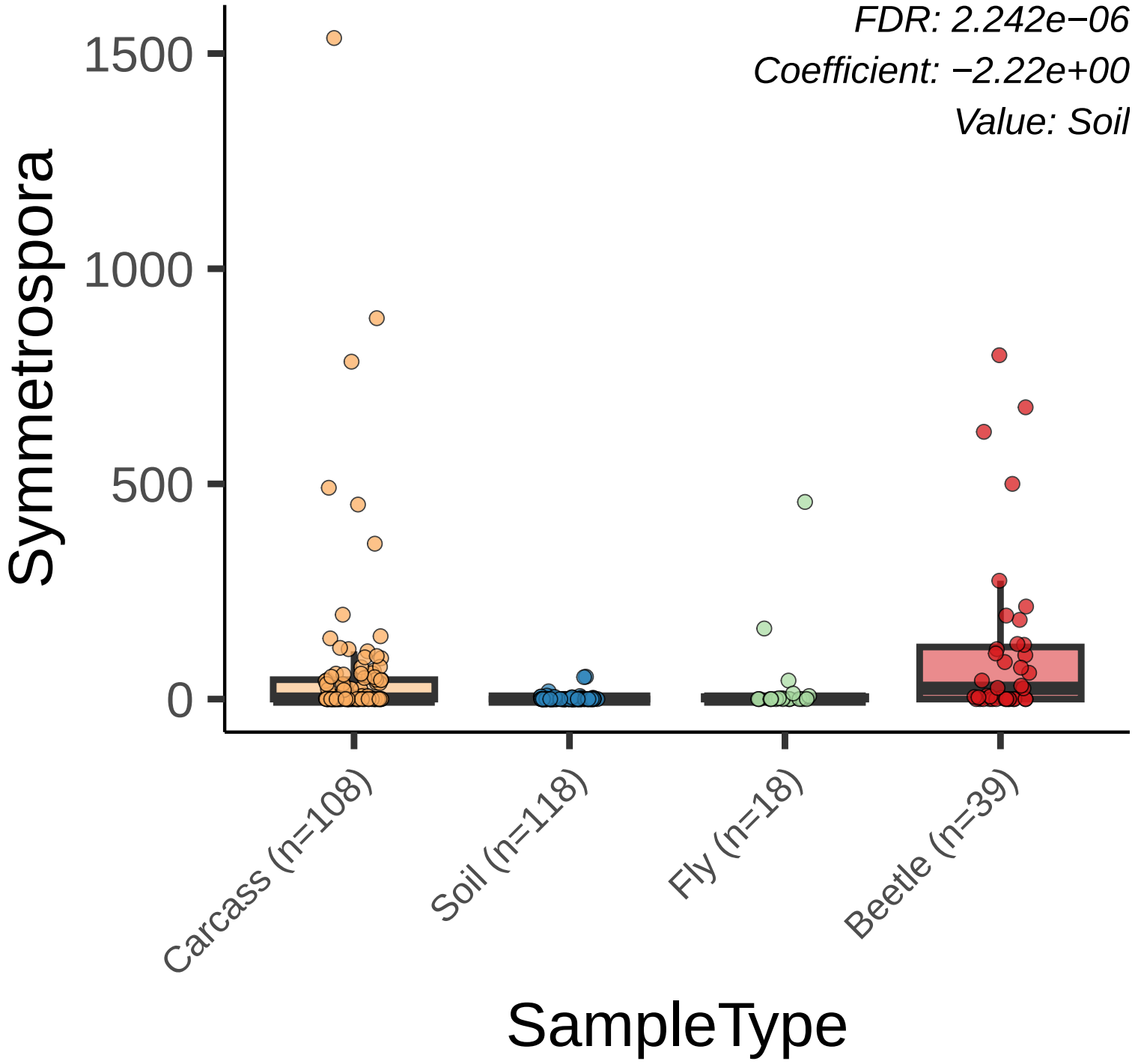

FDR: 1.043e−06
Coefficient: 9.05e−01
Value: Soil
Pseudocyclothyriella
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

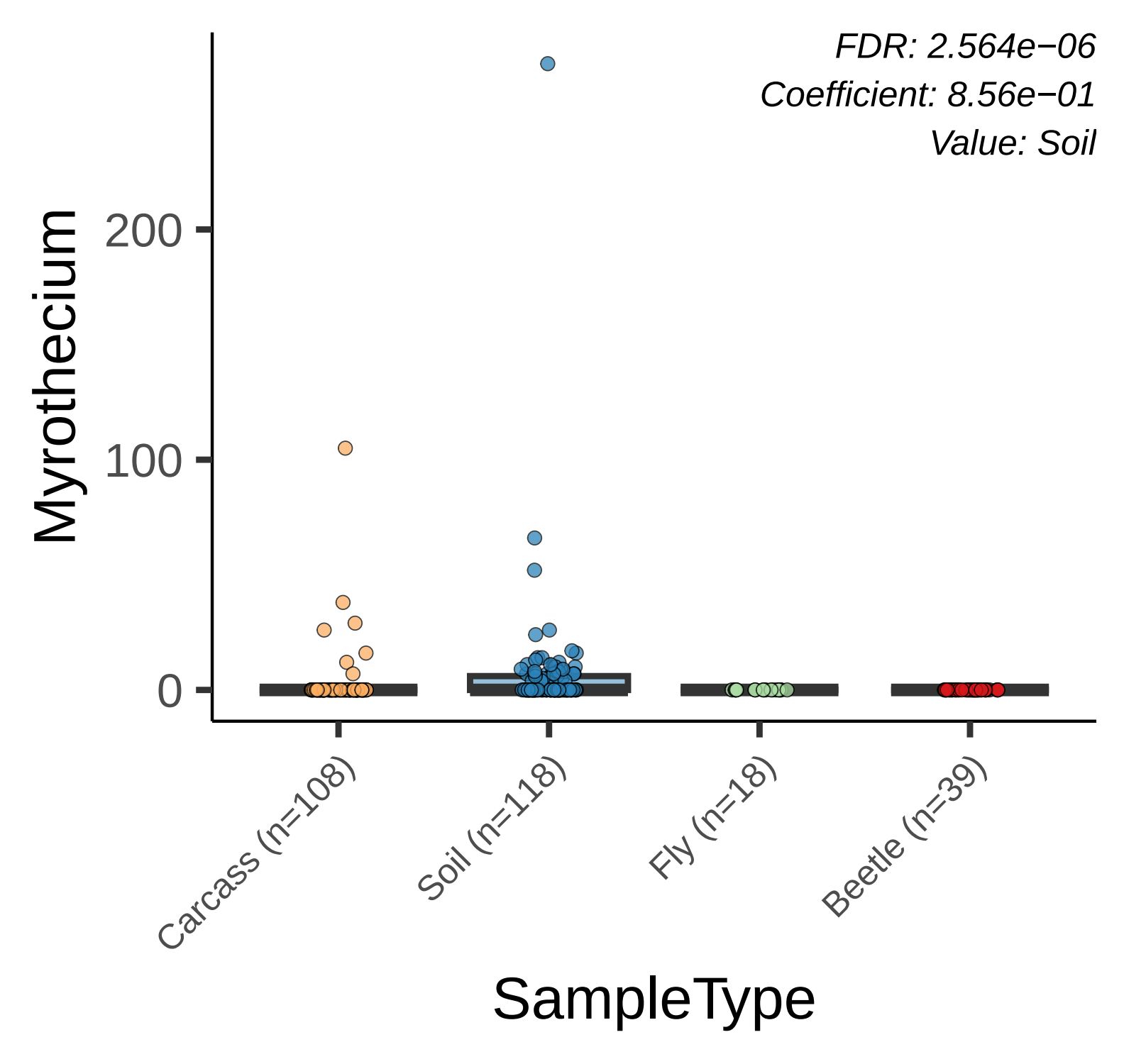

FDR: 1.169e−06
Coefficient: 1.17e+00
Value: Soil
Dominikia
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

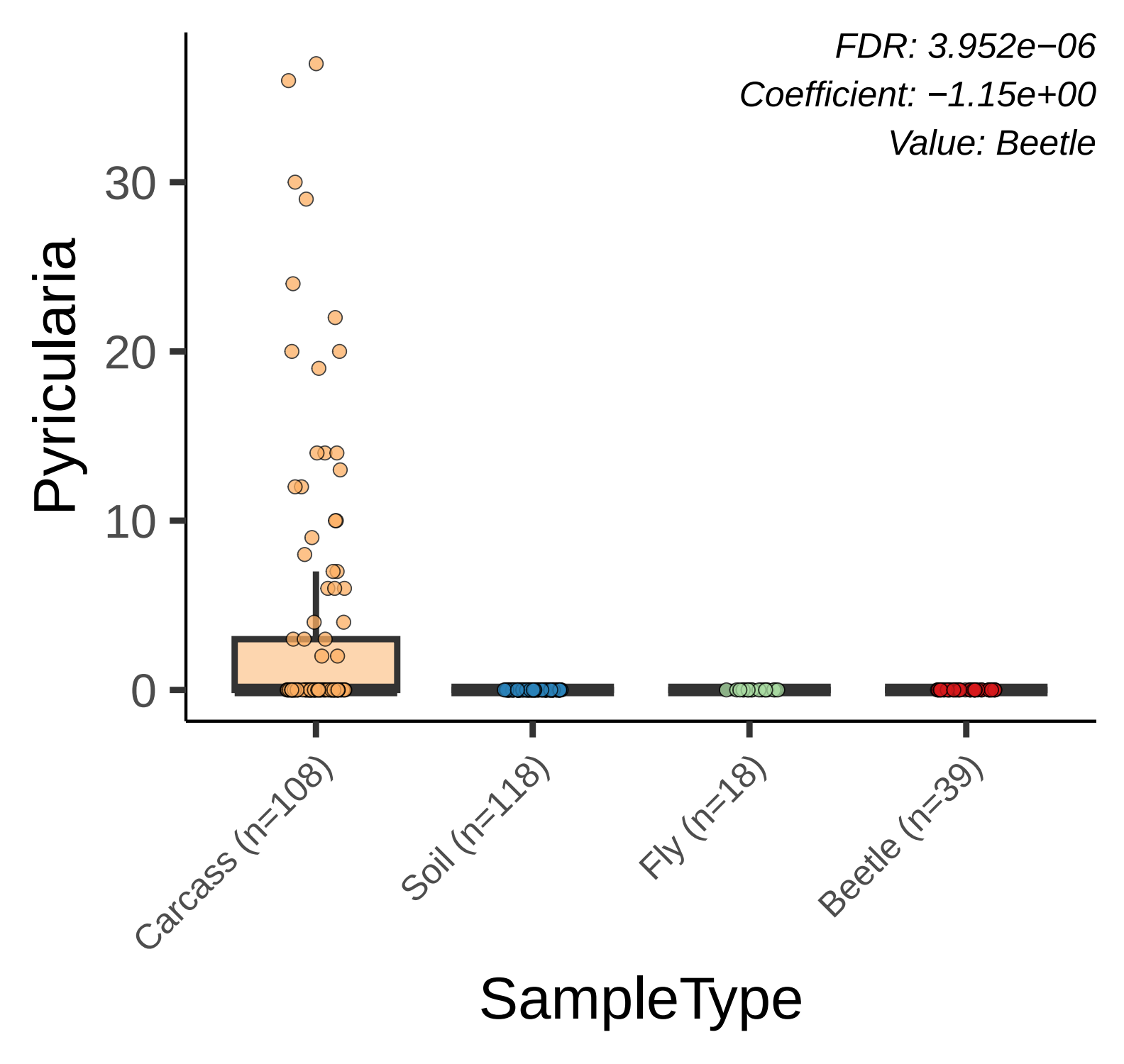

FDR: 1.735e−06
Coefficient: 1.44e+00
Value: Soil
Tricellula
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

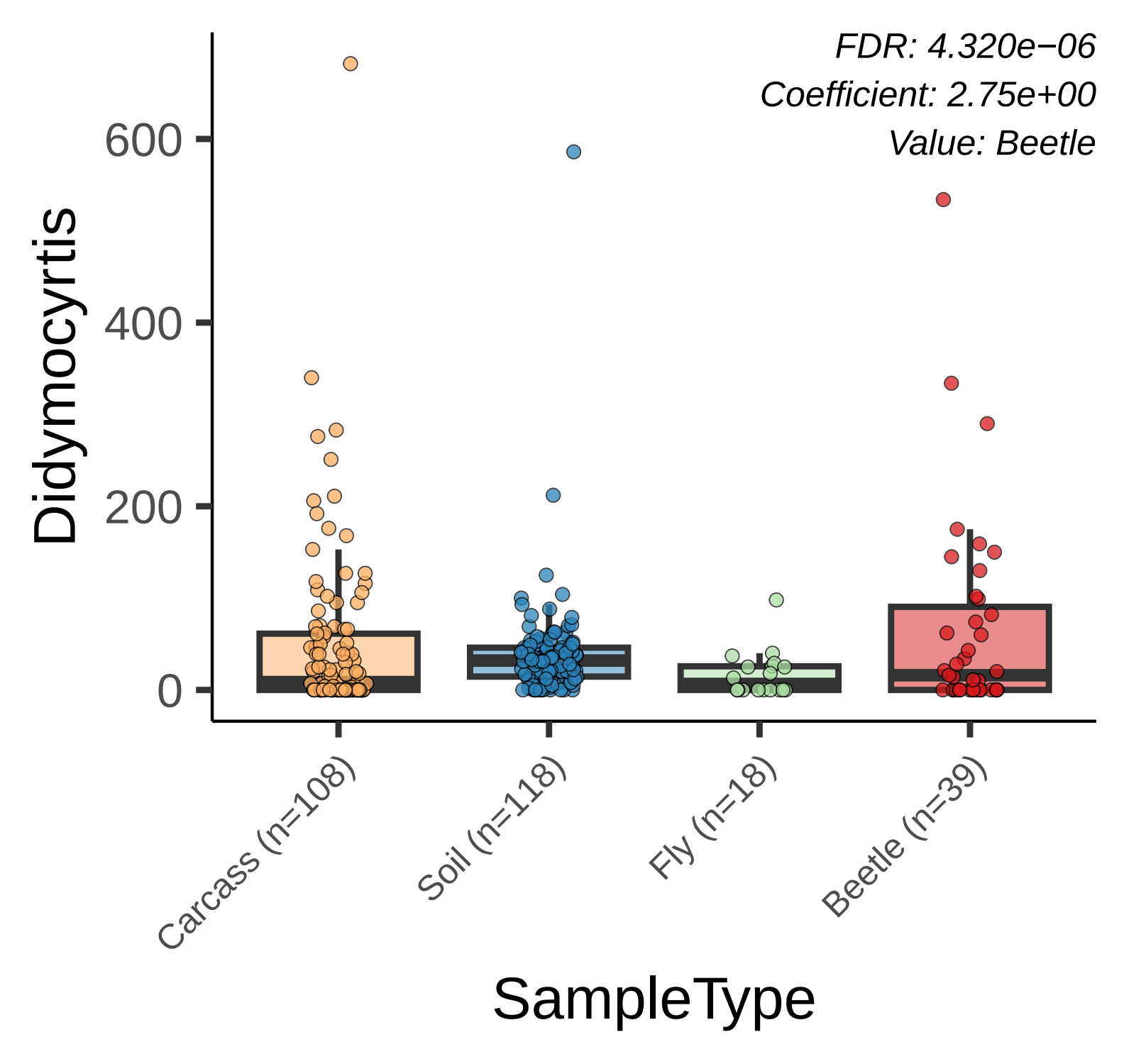

FDR: 1.735e−06
Coefficient: 1.27e+00
Value: Soil
Poaceascoma
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

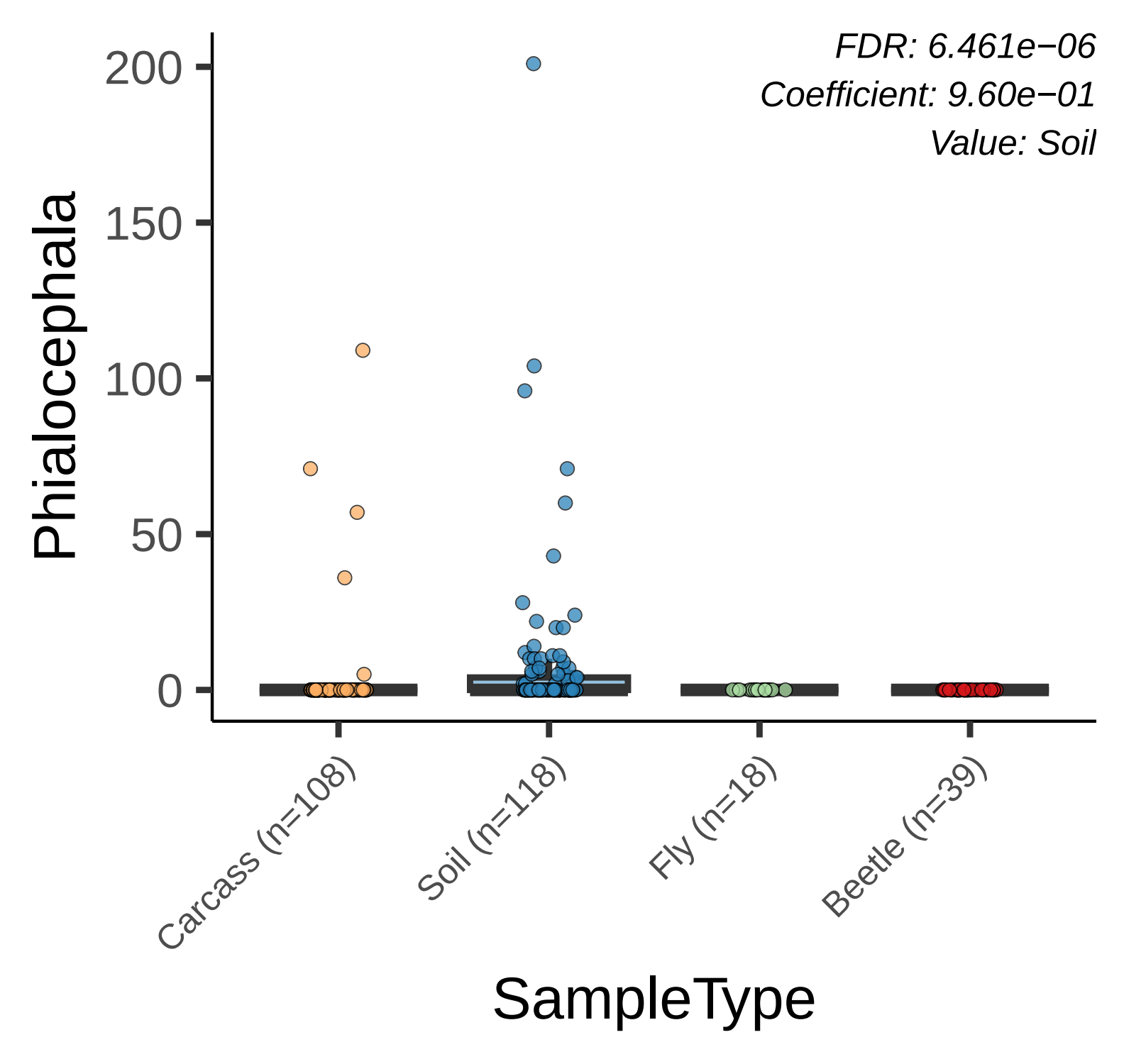

FDR: 1.953e−06
Coefficient: 1.54e+00
Value: Soil
Myrmecridium
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

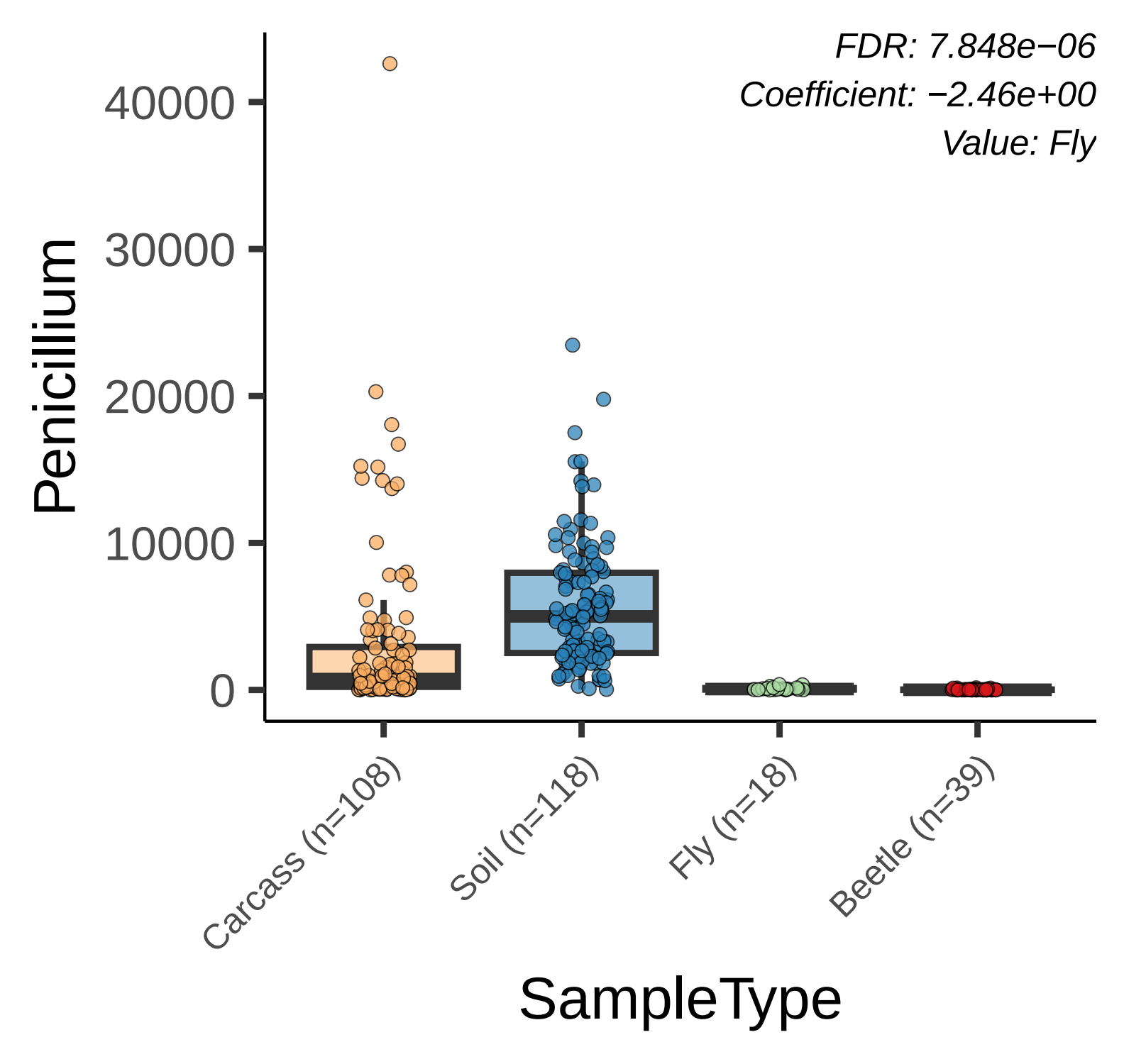

FDR: 2.242e−06
Coefficient: −2.22e+00
Value: Soil
Symmetrospora
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

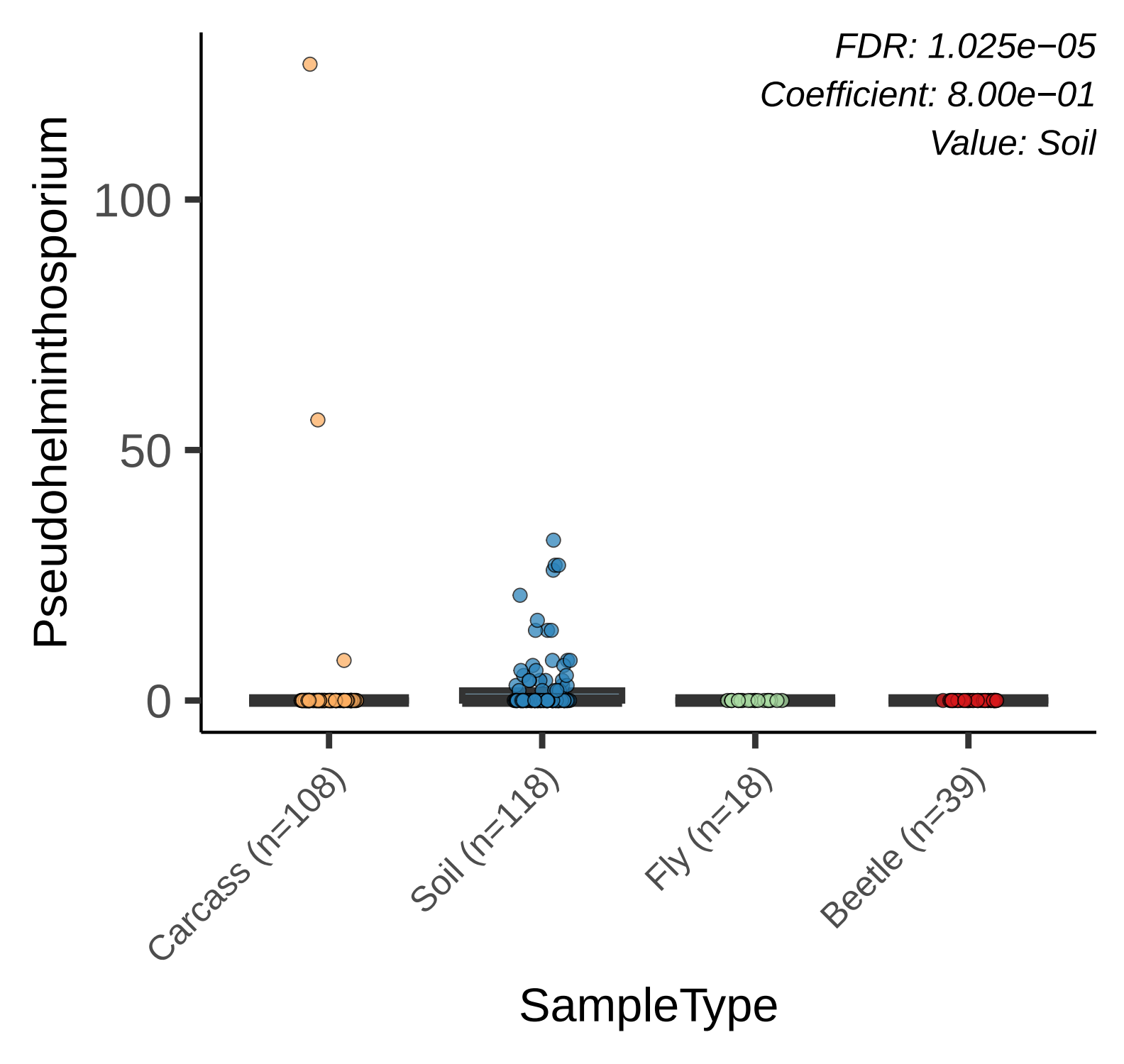

FDR: 2.564e−06
Coefficient: 8.56e−01
Value: Soil
Myrothecium
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

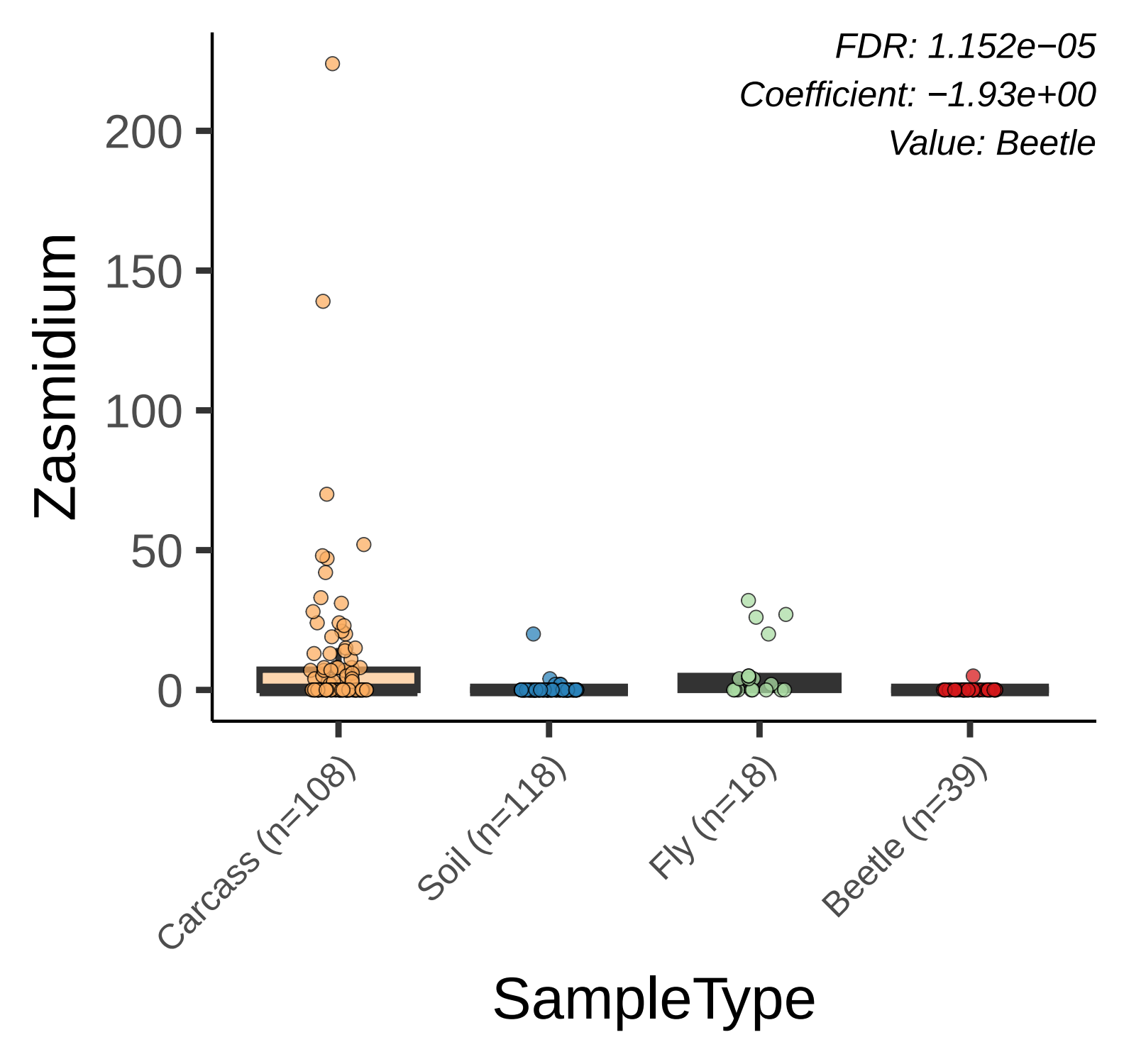

FDR: 3.952e−06
Coefficient: −1.15e+00
Value: Beetle
Pyricularia
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

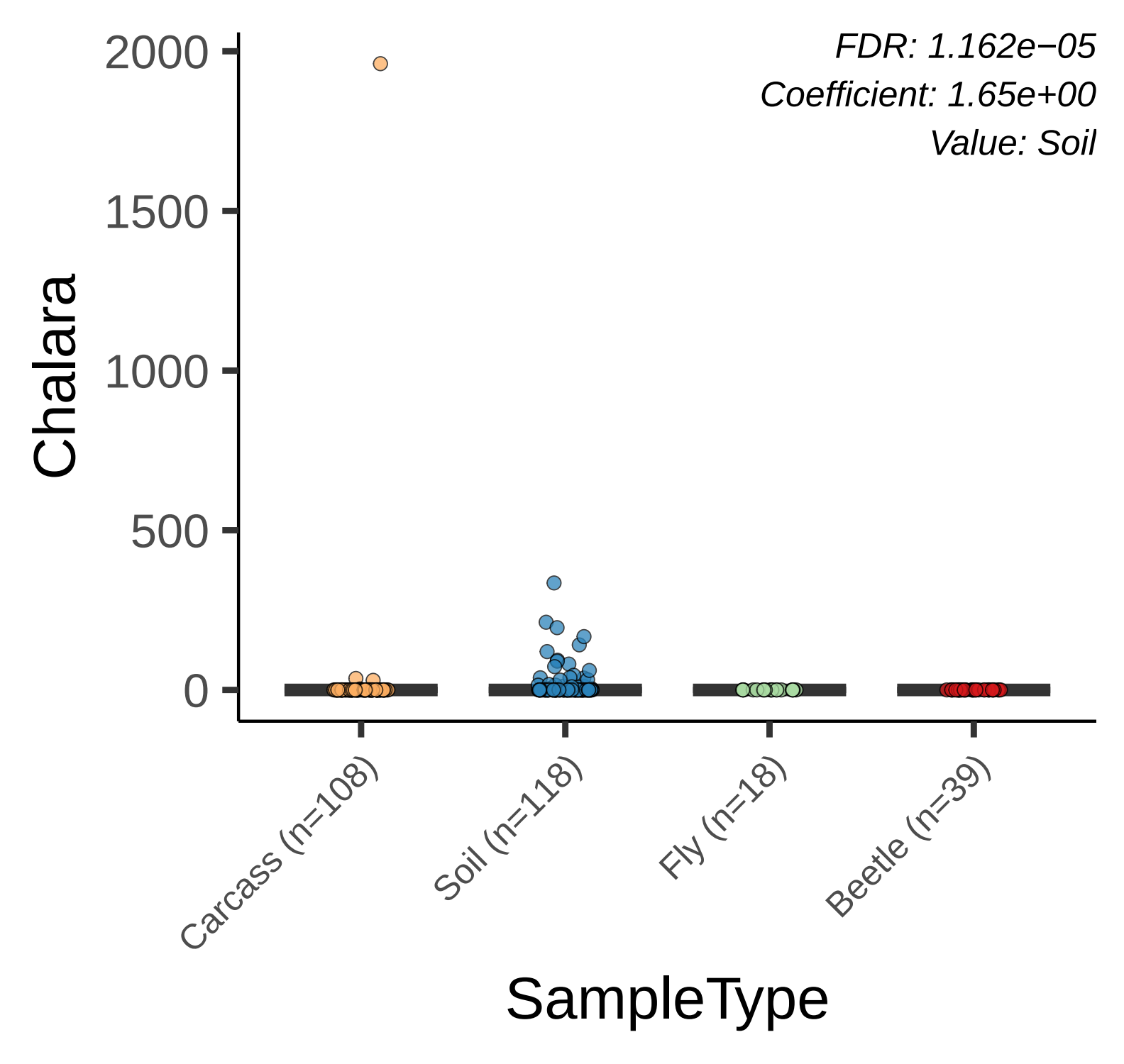

FDR: 4.320e−06
Coefficient: 2.75e+00
Value: Beetle
Didymocyrtis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

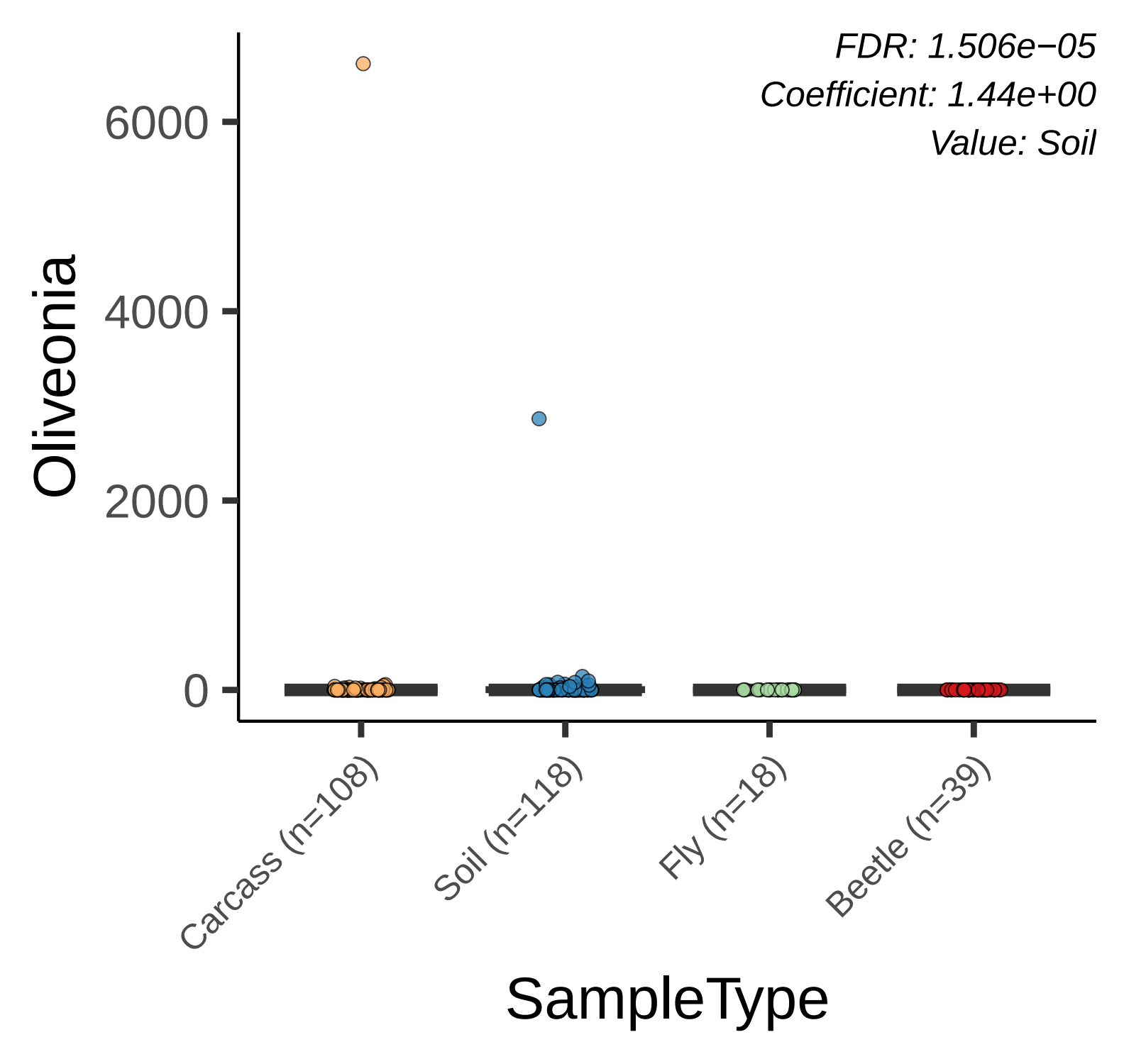

FDR: 6.461e−06
Coefficient: 9.60e−01
Value: Soil
Phialocephala
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

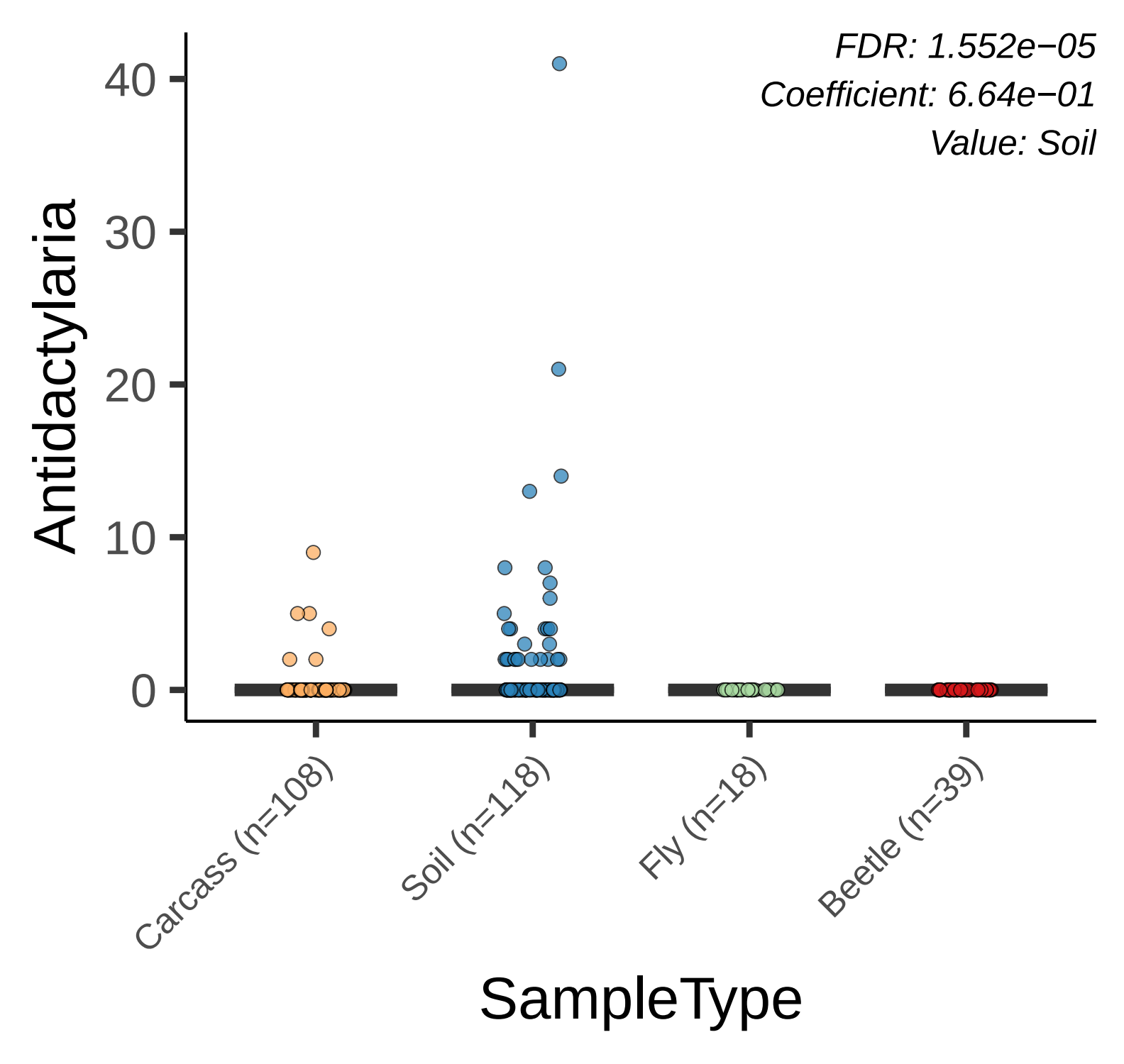

FDR: 7.848e−06
Coefficient: −2.46e+00
Value: Fly
Penicillium
40000
30000
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

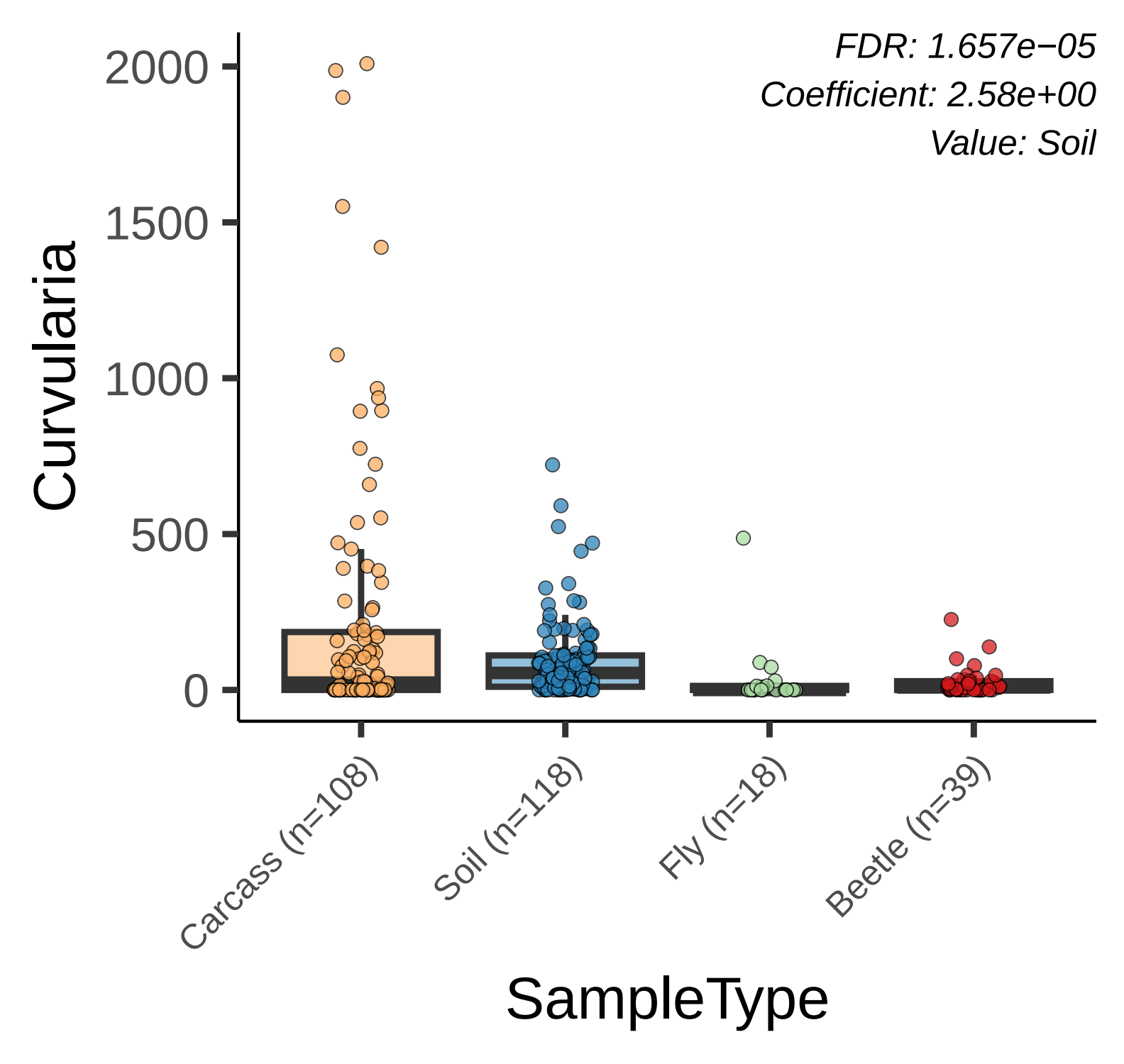

FDR: 1.025e−05
Coefficient: 8.00e−01
Value: Soil
Pseudohelminthosporium
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

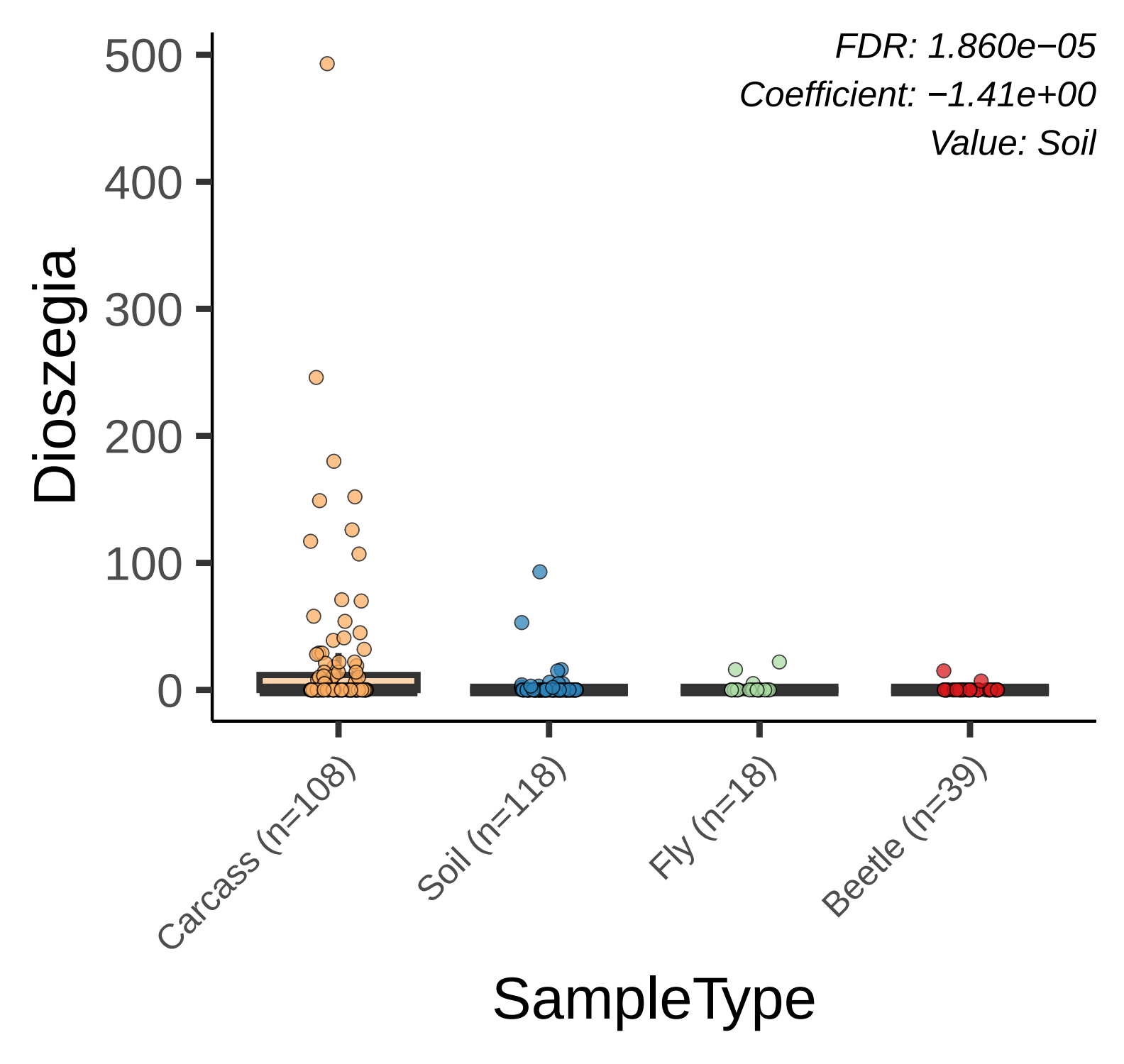

FDR: 1.152e−05
Coefficient: −1.93e+00
Value: Beetle
Zasmidium
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

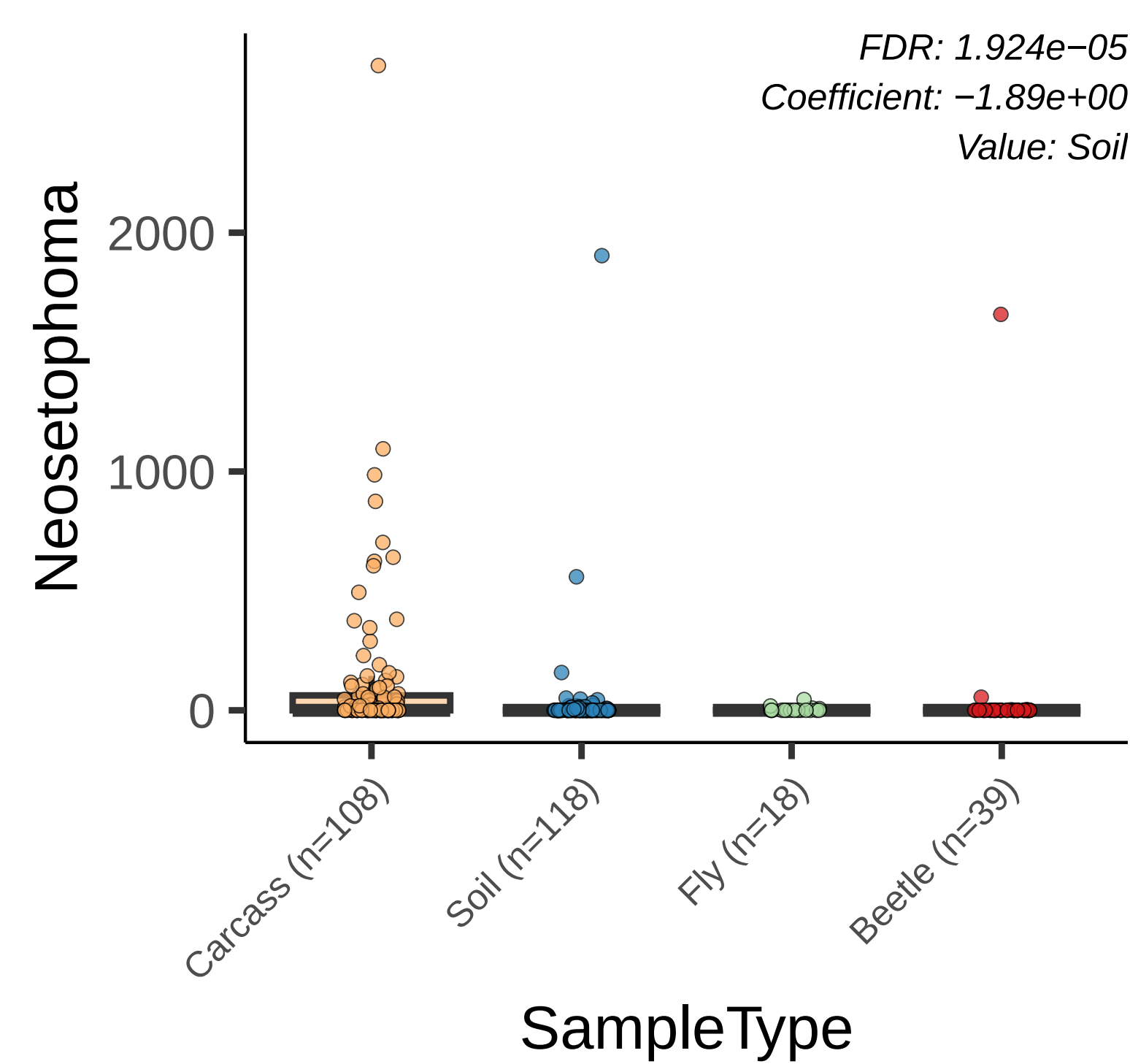

FDR: 1.162e−05
Coefficient: 1.65e+00
Value: Soil
Chalara
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

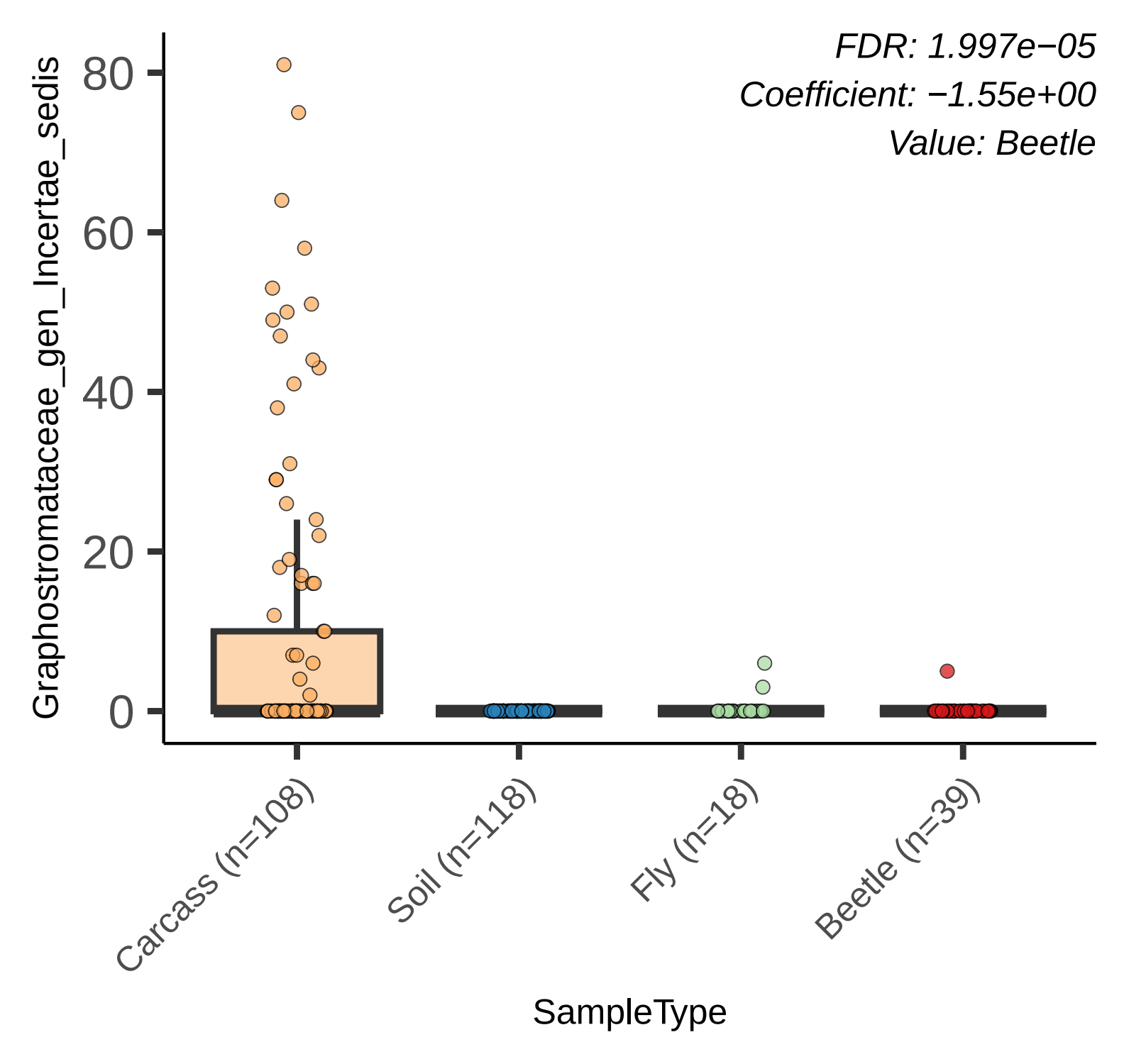

FDR: 1.506e−05
Coefficient: 1.44e+00
Value: Soil
Oliveonia
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

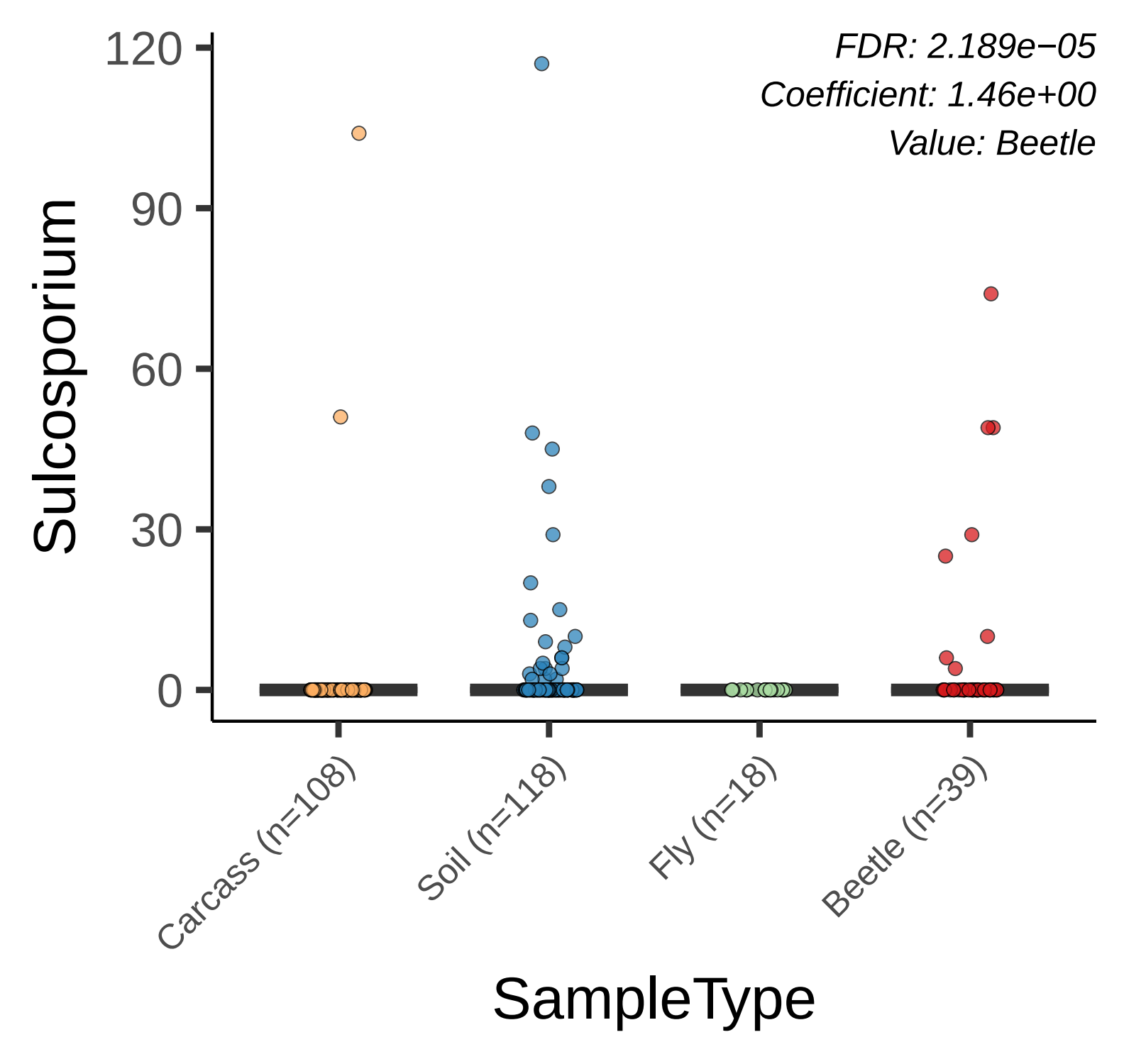

FDR: 1.552e−05
Coefficient: 6.64e−01
Value: Soil
Antidactylaria
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

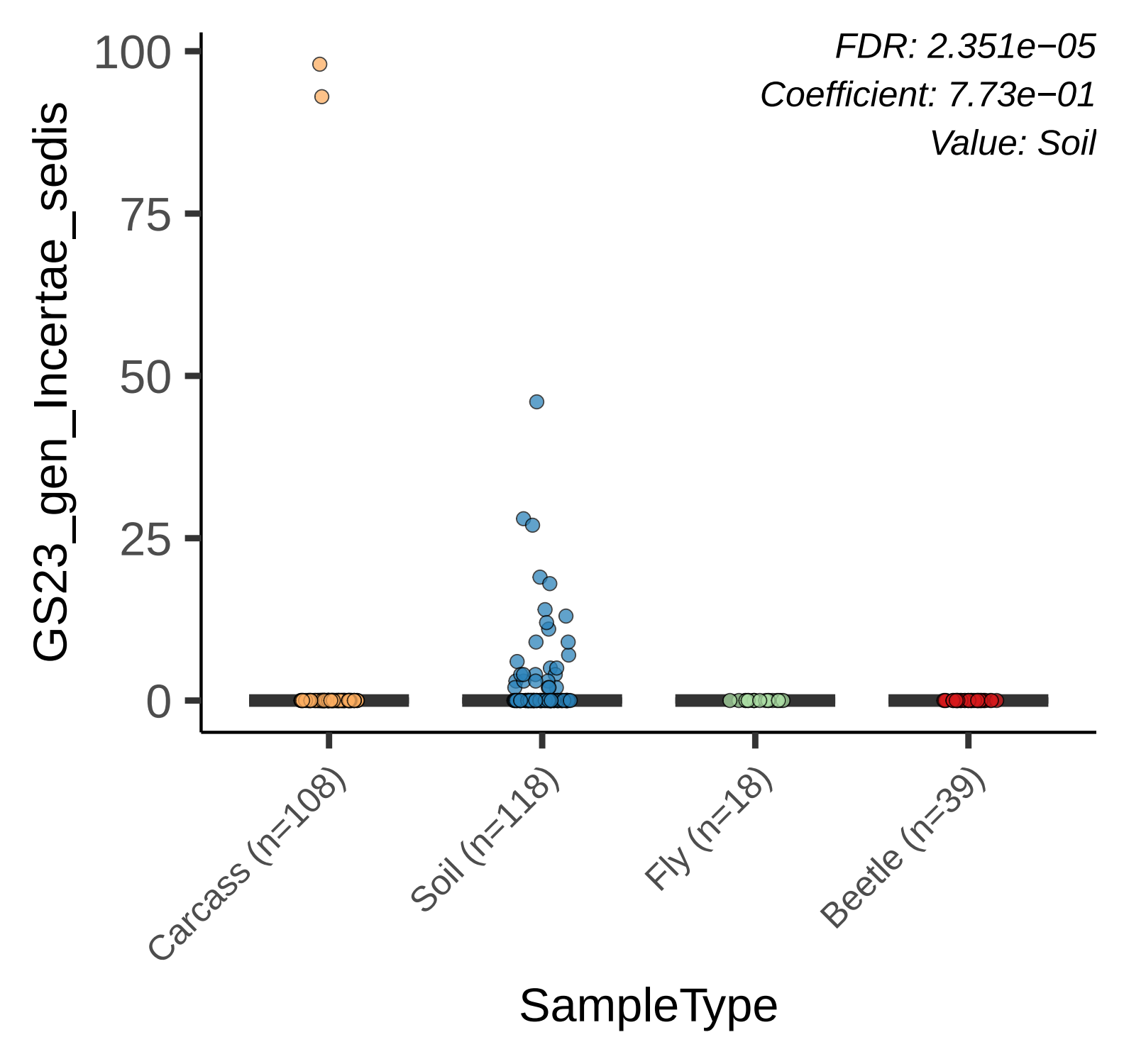

FDR: 1.657e−05
Coefficient: 2.58e+00
Value: Soil
Curvularia
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

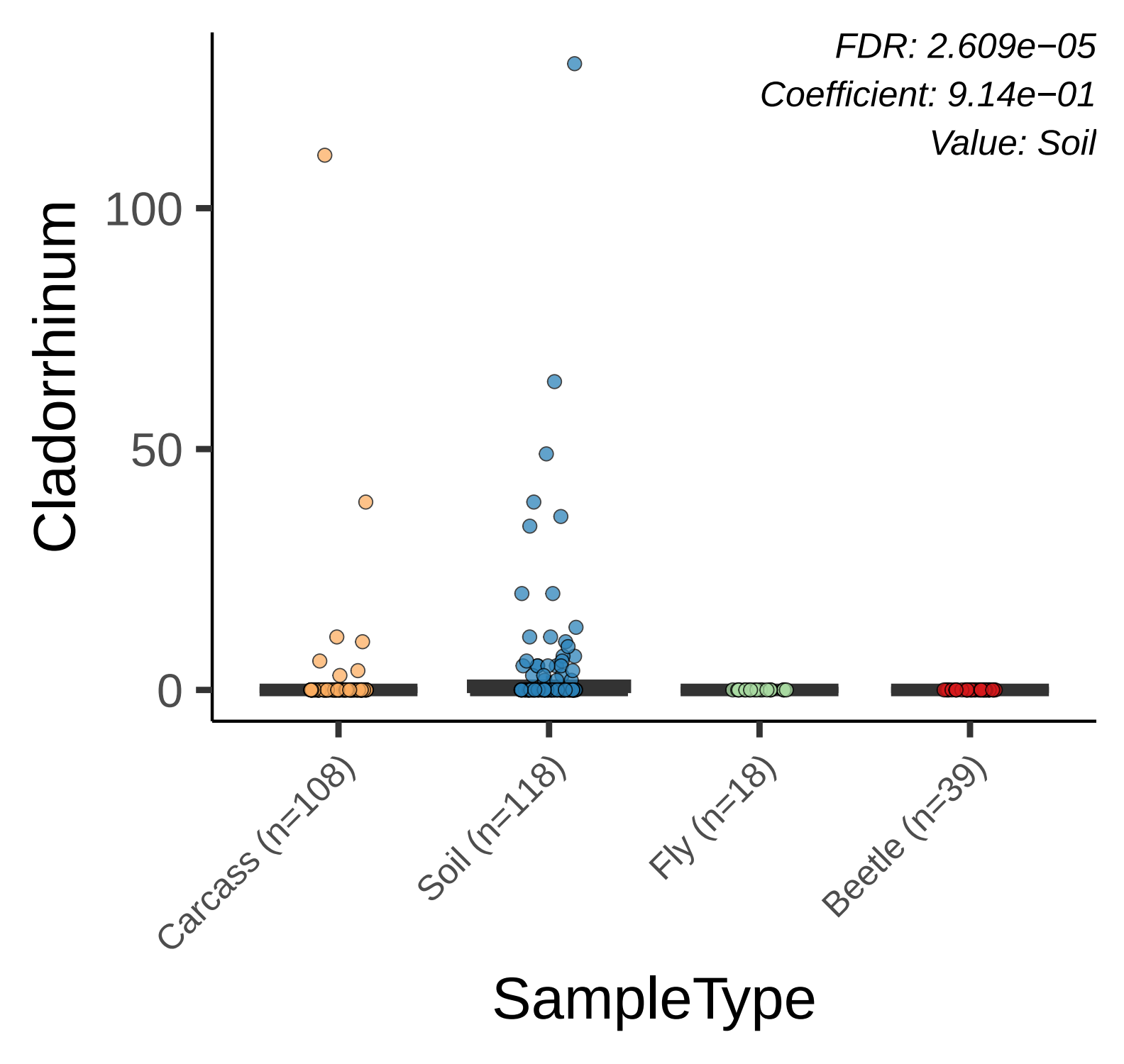

FDR: 1.860e−05
Coefficient: −1.41e+00
Value: Soil
Dioszegia
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

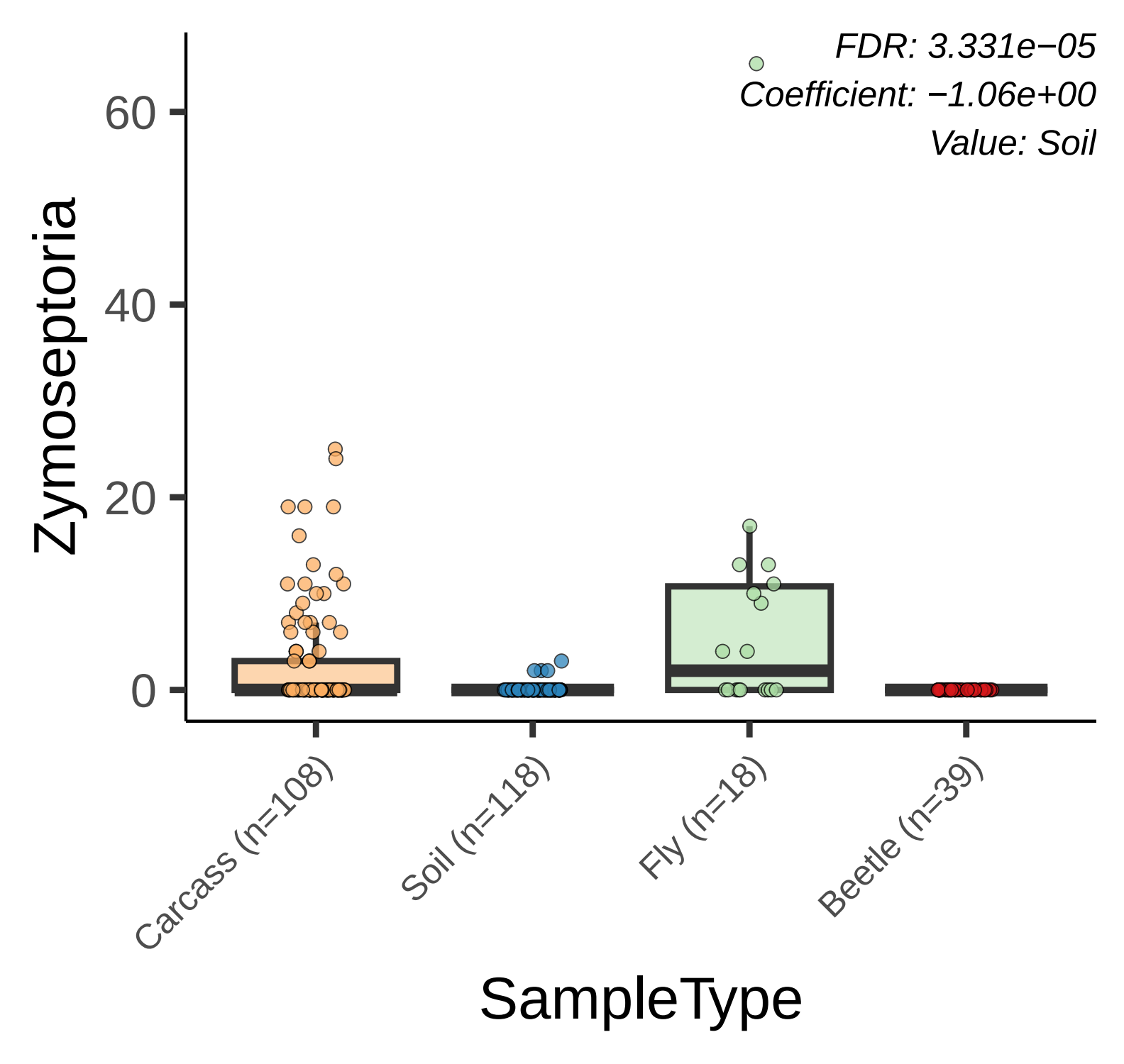

FDR: 1.924e−05
Coefficient: −1.89e+00
Value: Soil
Neosetophoma
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

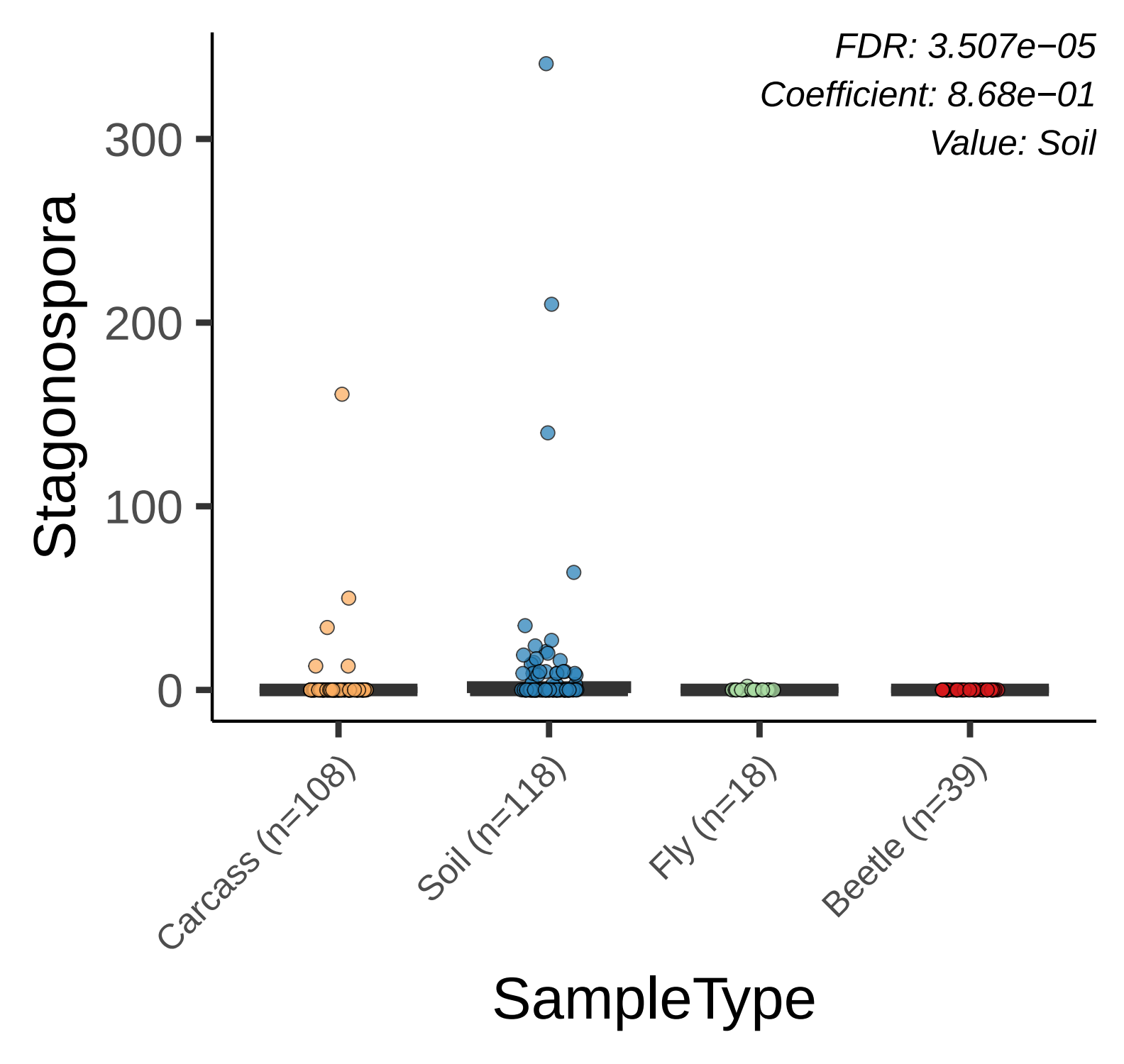

FDR: 1.997e−05
Coefficient: −1.55e+00
Value: Beetle
Graphostromataceae_gen_Incertae_sedis
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

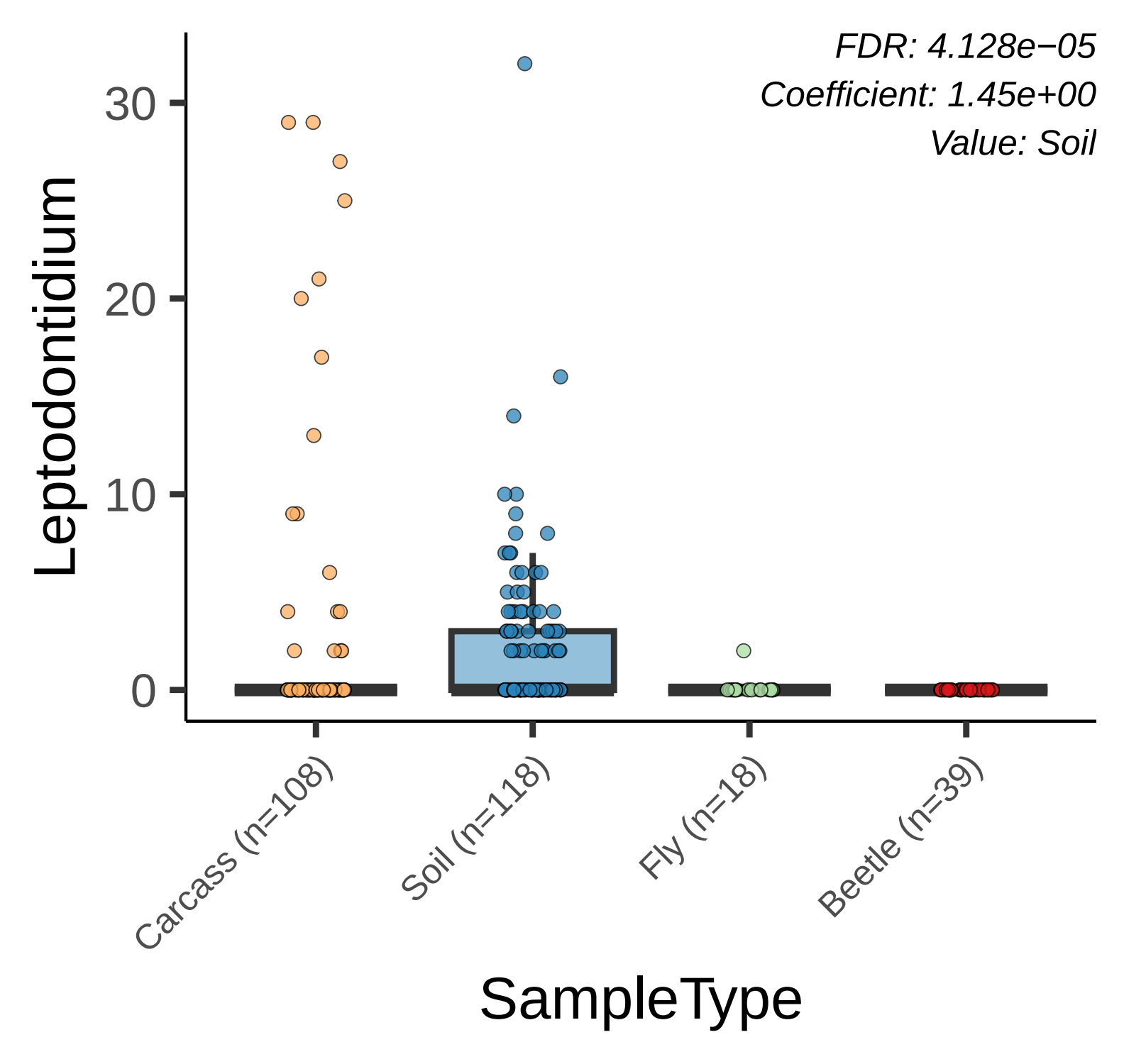

FDR: 2.189e−05
Coefficient: 1.46e+00
Value: Beetle
Sulcosporium
120
90
60
30
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

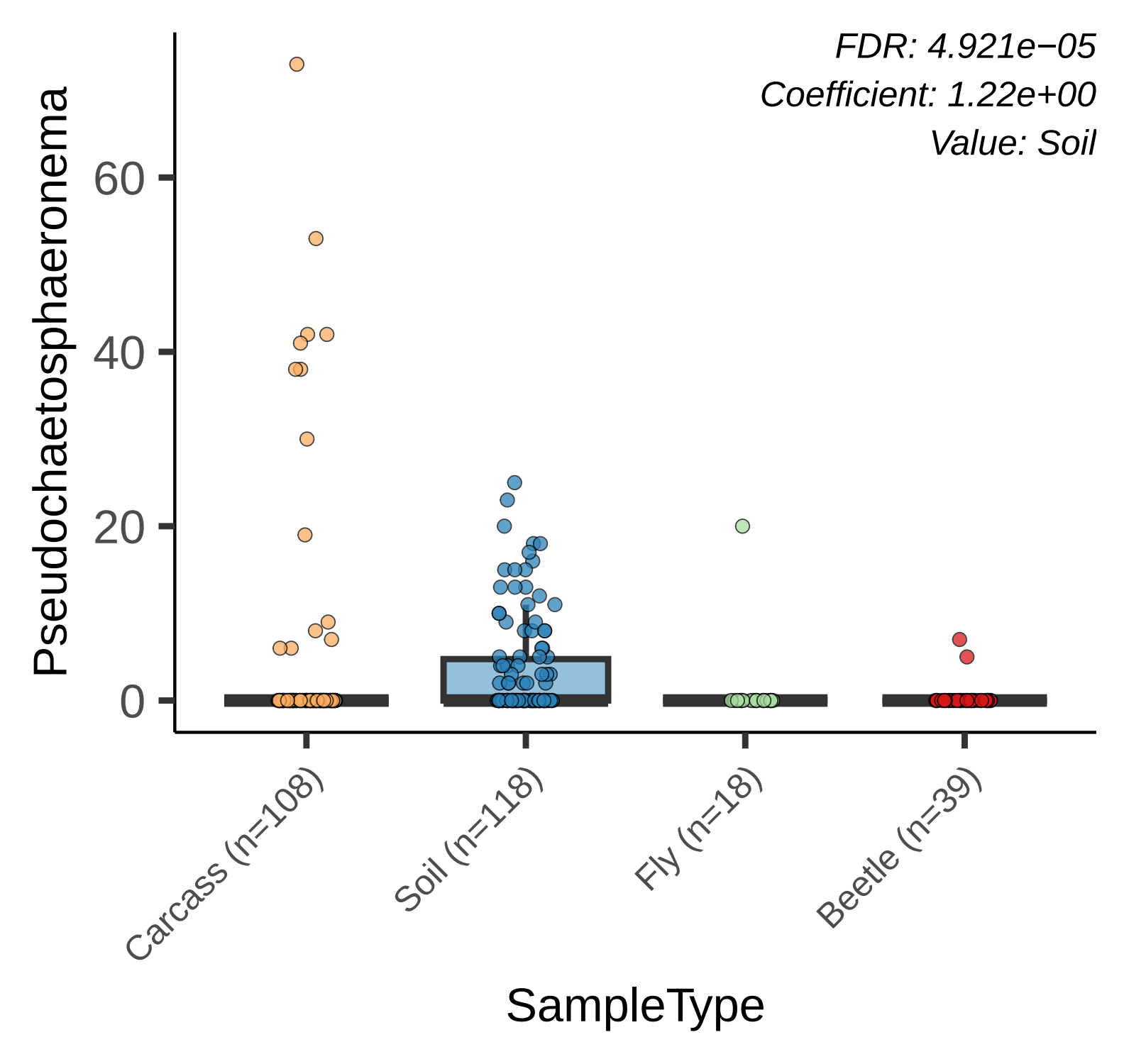

FDR: 2.351e−05
Coefficient: 7.73e−01
Value: Soil
GS23_gen_Incertae_sedis
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

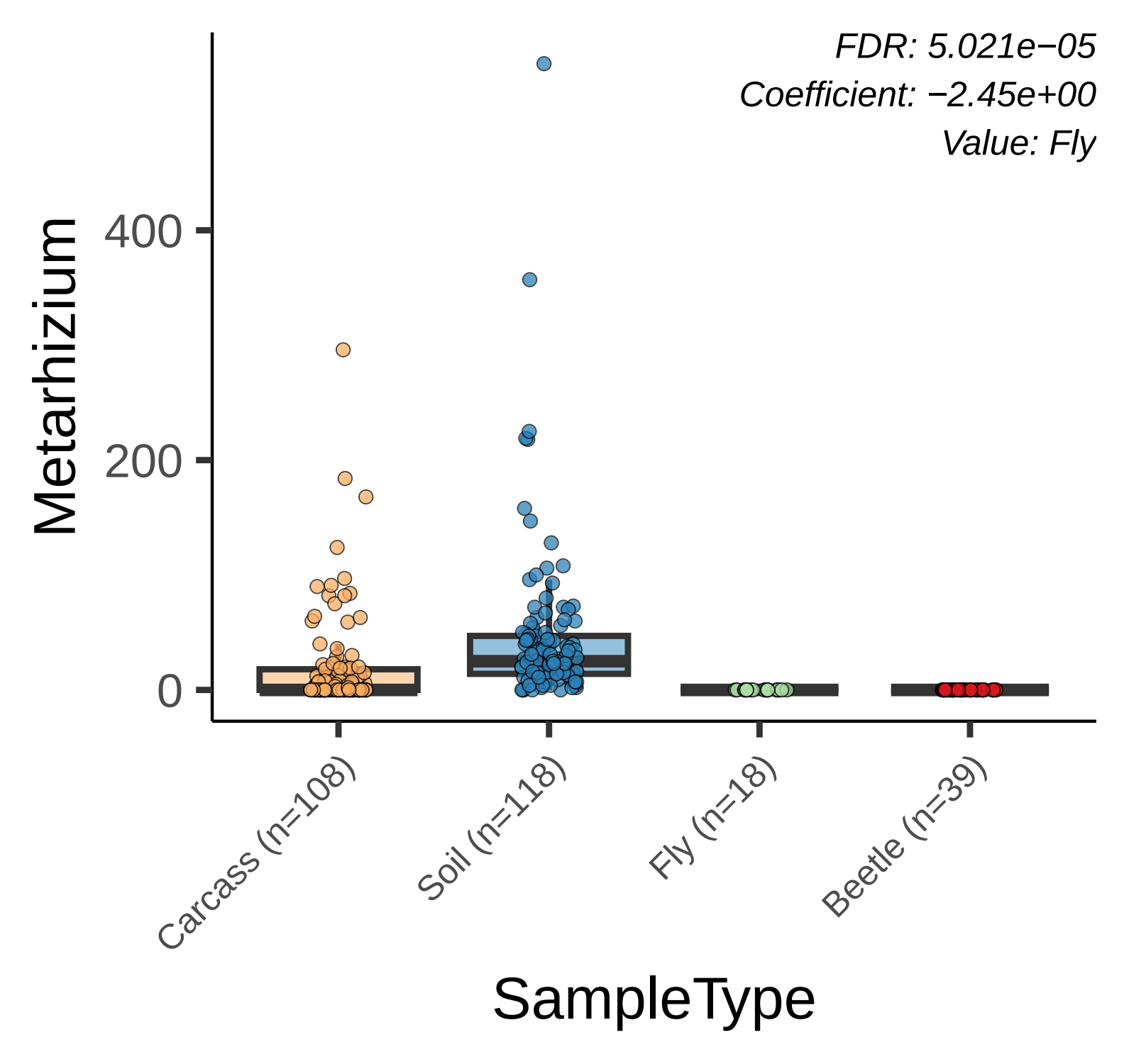

FDR: 2.609e−05
Coefficient: 9.14e−01
Value: Soil
Cladorrhinum
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

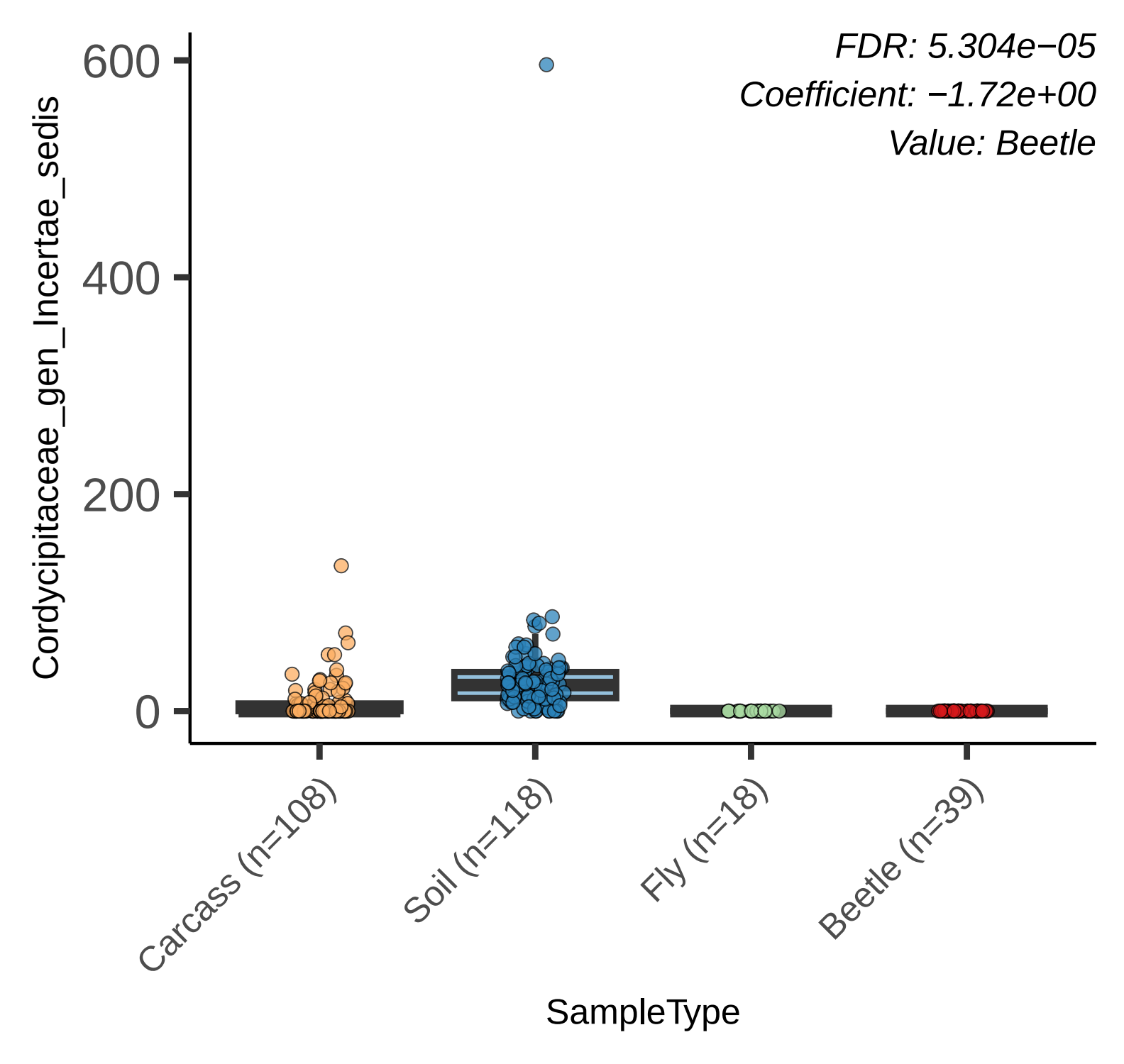

FDR: 3.331e−05
Coefficient: −1.06e+00
Value: Soil
Zymoseptoria
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

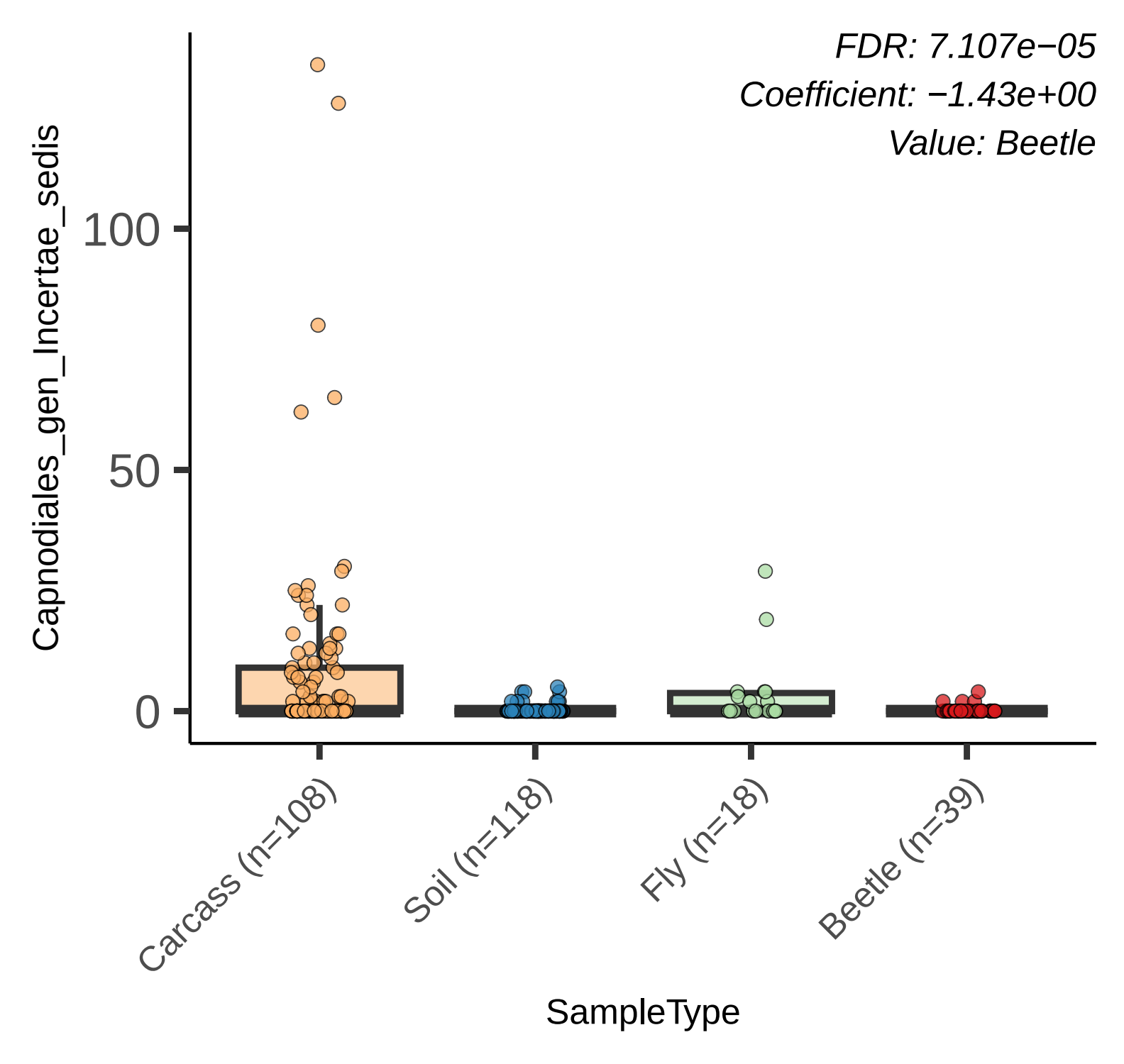

FDR: 3.507e−05
Coefficient: 8.68e−01
Value: Soil
Stagonospora
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

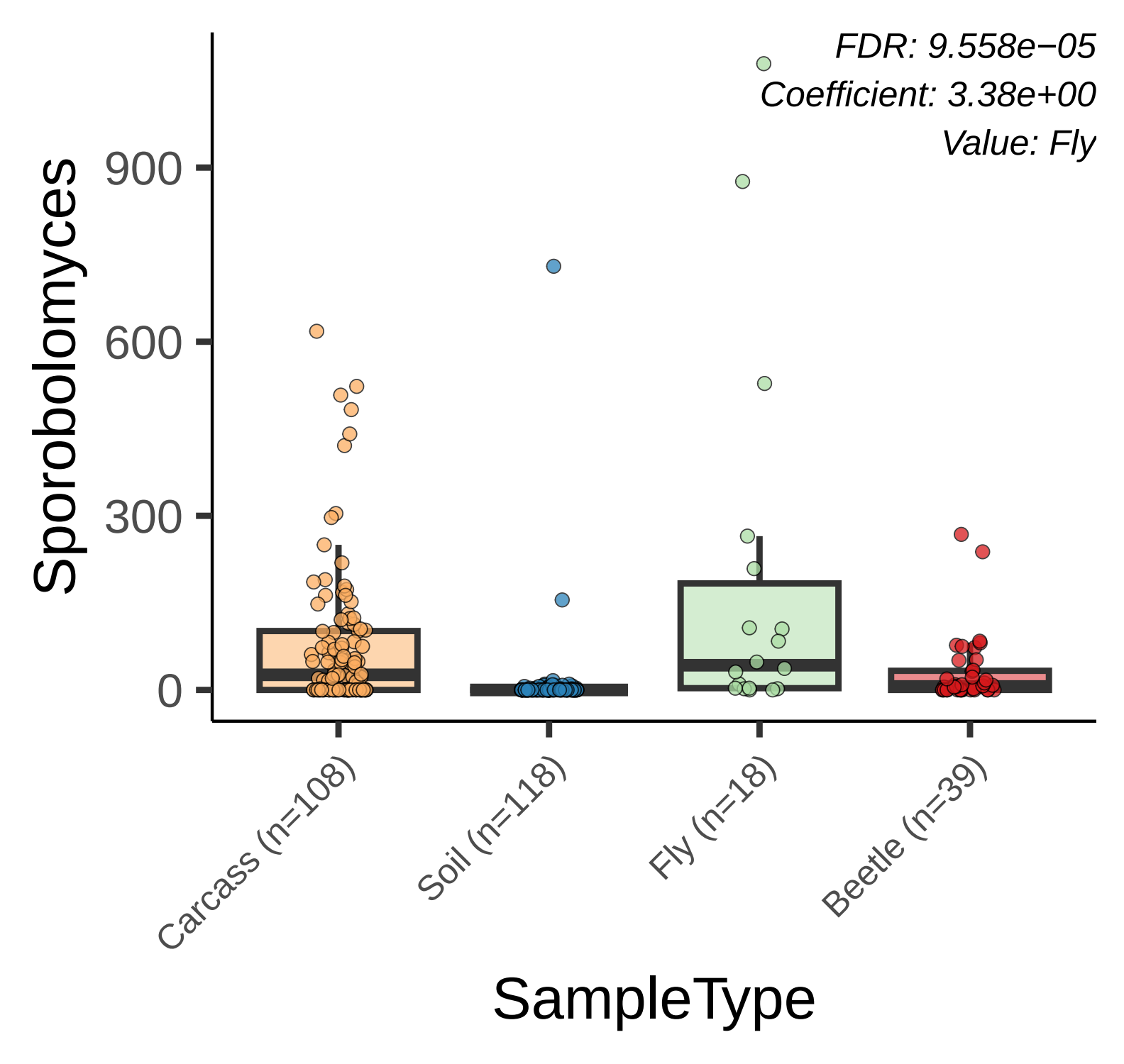

FDR: 4.128e−05
Coefficient: 1.45e+00
Value: Soil
Leptodontidium
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

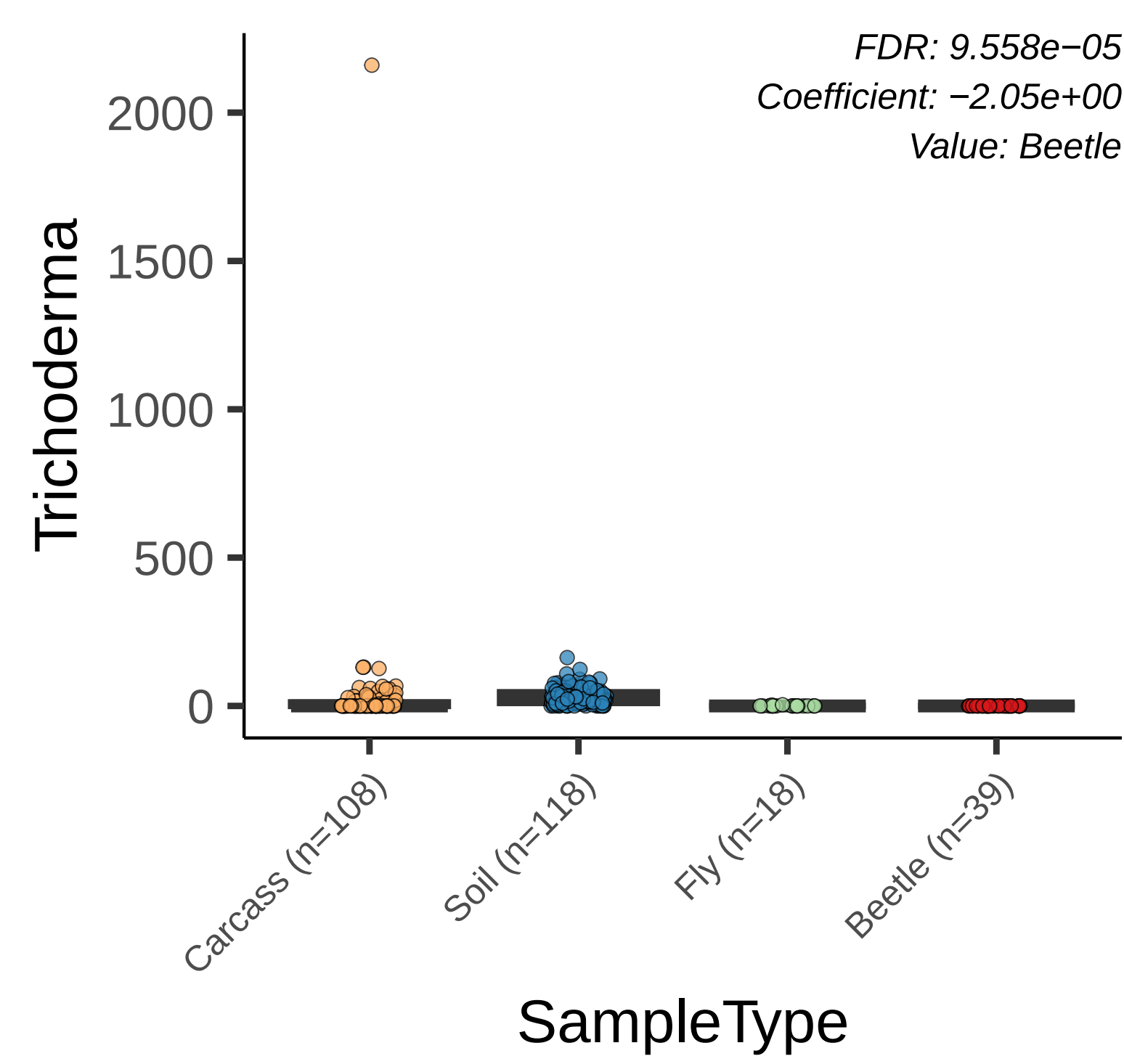

FDR: 4.921e−05
Coefficient: 1.22e+00
Value: Soil
Pseudochaetosphaeronema
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

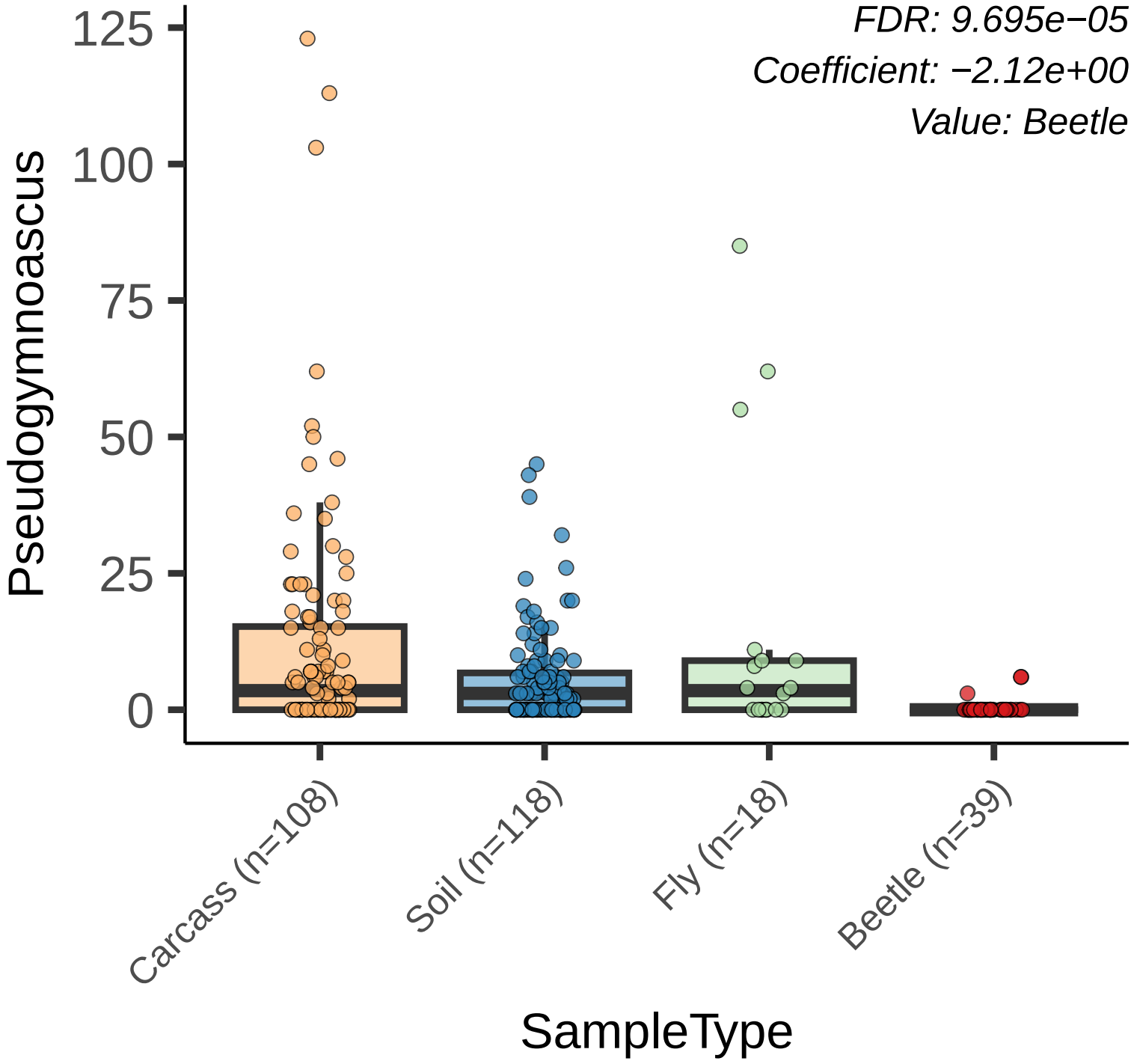

FDR: 5.021e−05
Coefficient: −2.45e+00
Value: Fly
Metarhizium
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

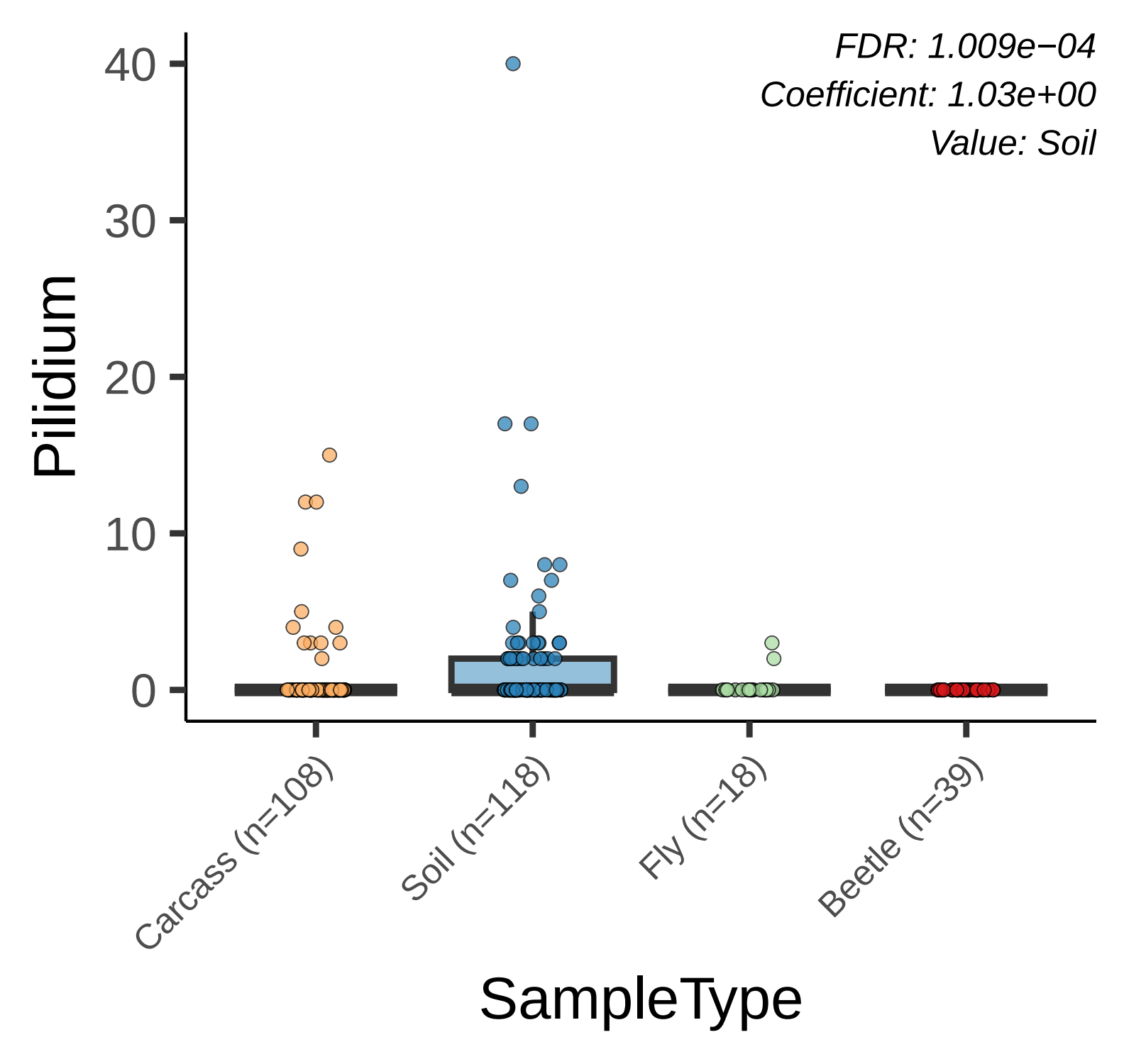

FDR: 5.304e−05
Coefficient: −1.72e+00
Value: Beetle
Cordycipitaceae_gen_Incertae_sedis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

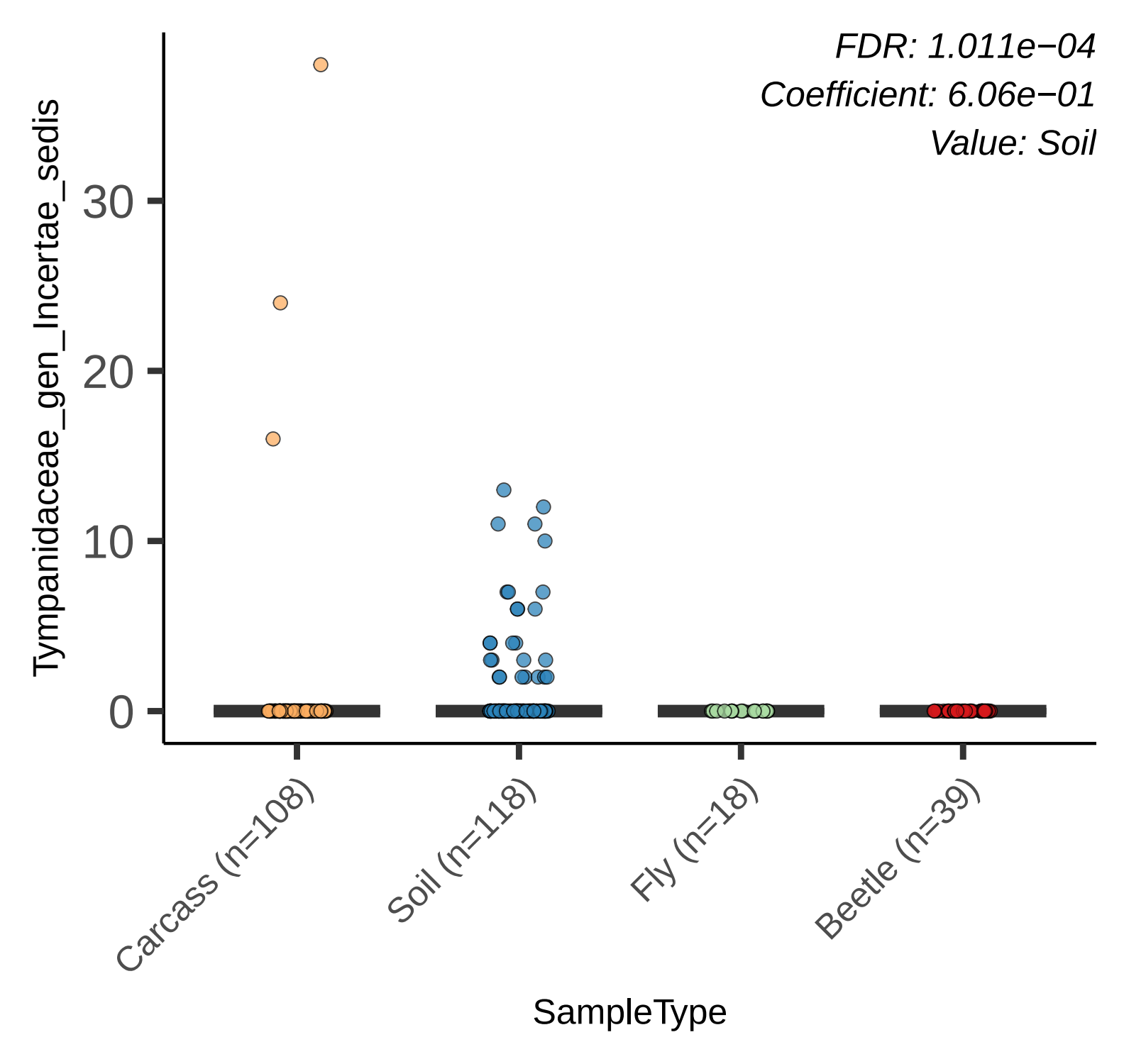

FDR: 7.107e−05
Coefficient: −1.43e+00
Value: Beetle
Capnodiales_gen_Incertae_sedis
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

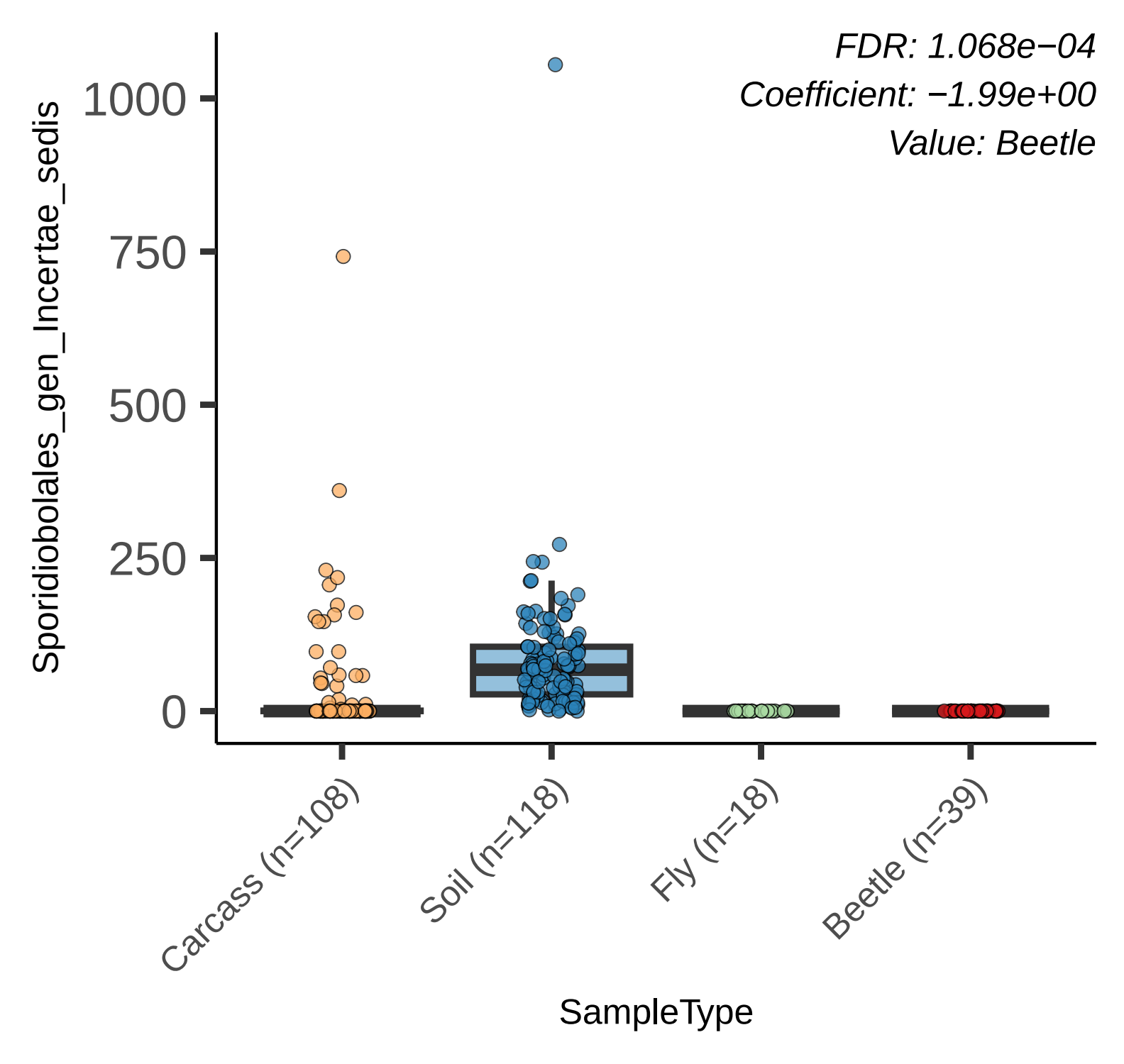

FDR: 9.558e−05
Coefficient: 3.38e+00
Value: Fly
Sporobolomyces
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

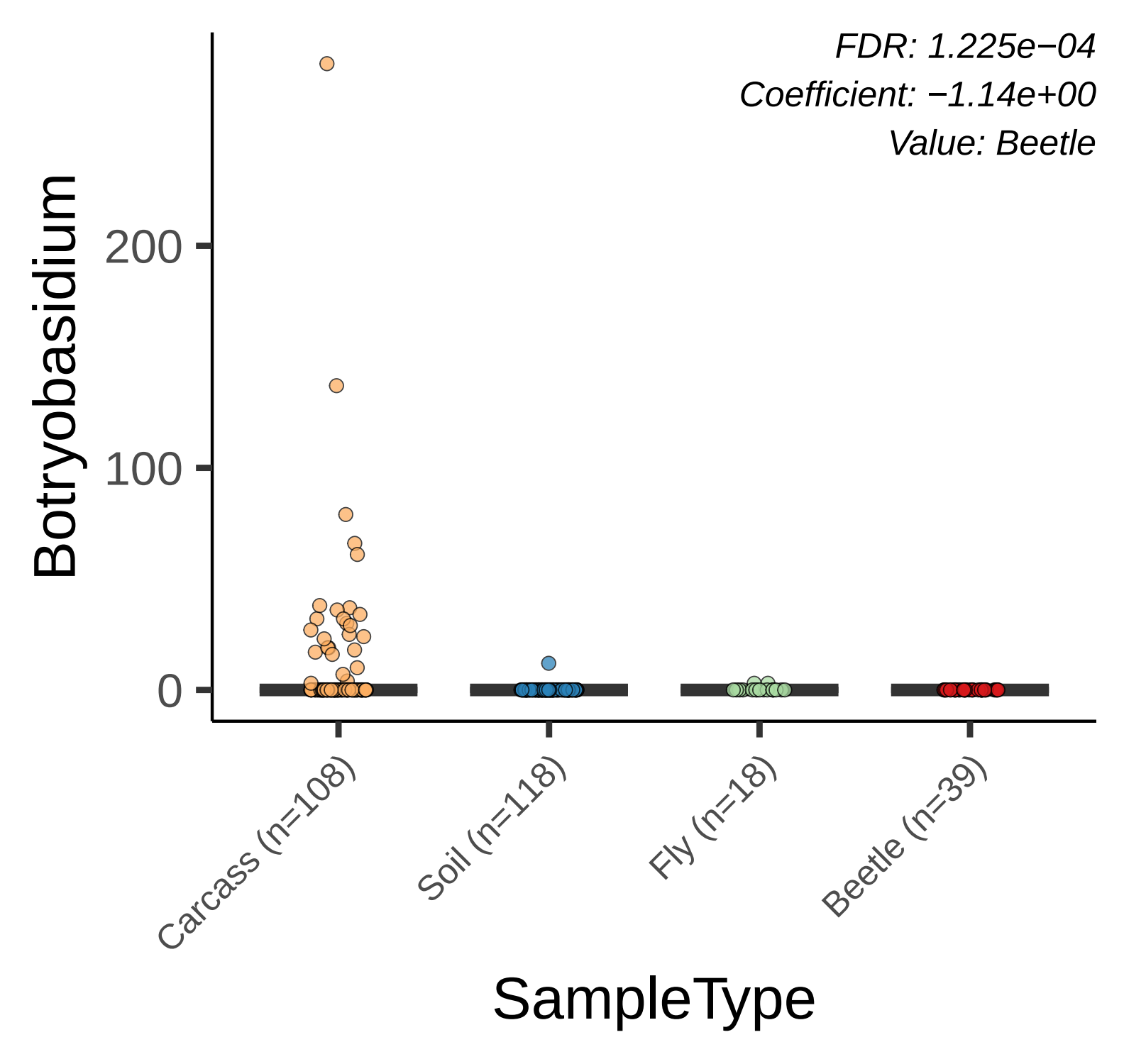

FDR: 9.558e−05
Coefficient: −2.05e+00
Value: Beetle
Trichoderma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

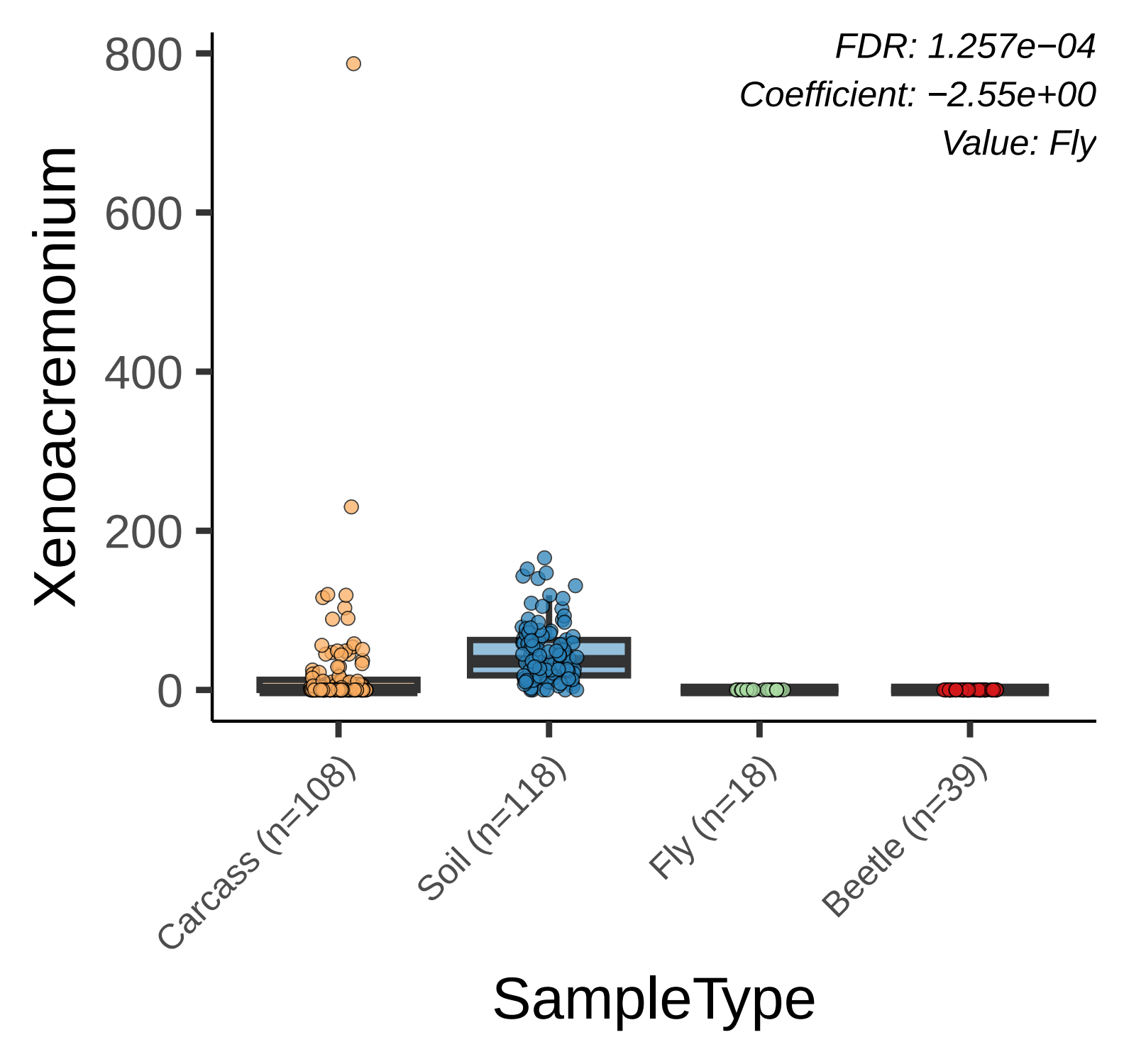

FDR: 9.695e−05
Coefficient: −2.12e+00
Value: Beetle
Pseudogymnoascus
125
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

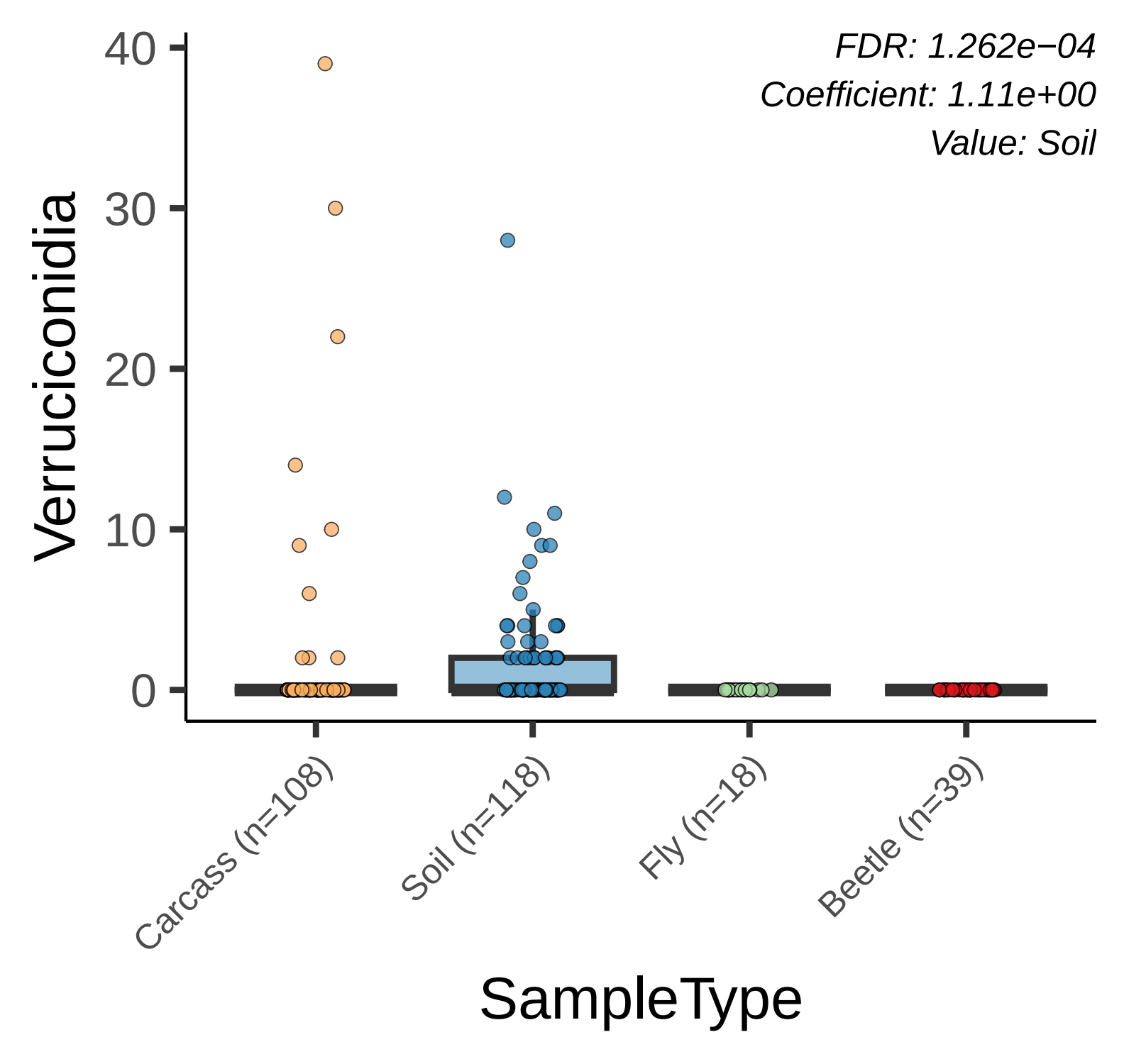

FDR: 1.009e−04
Coefficient: 1.03e+00
Value: Soil
Pilidium
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

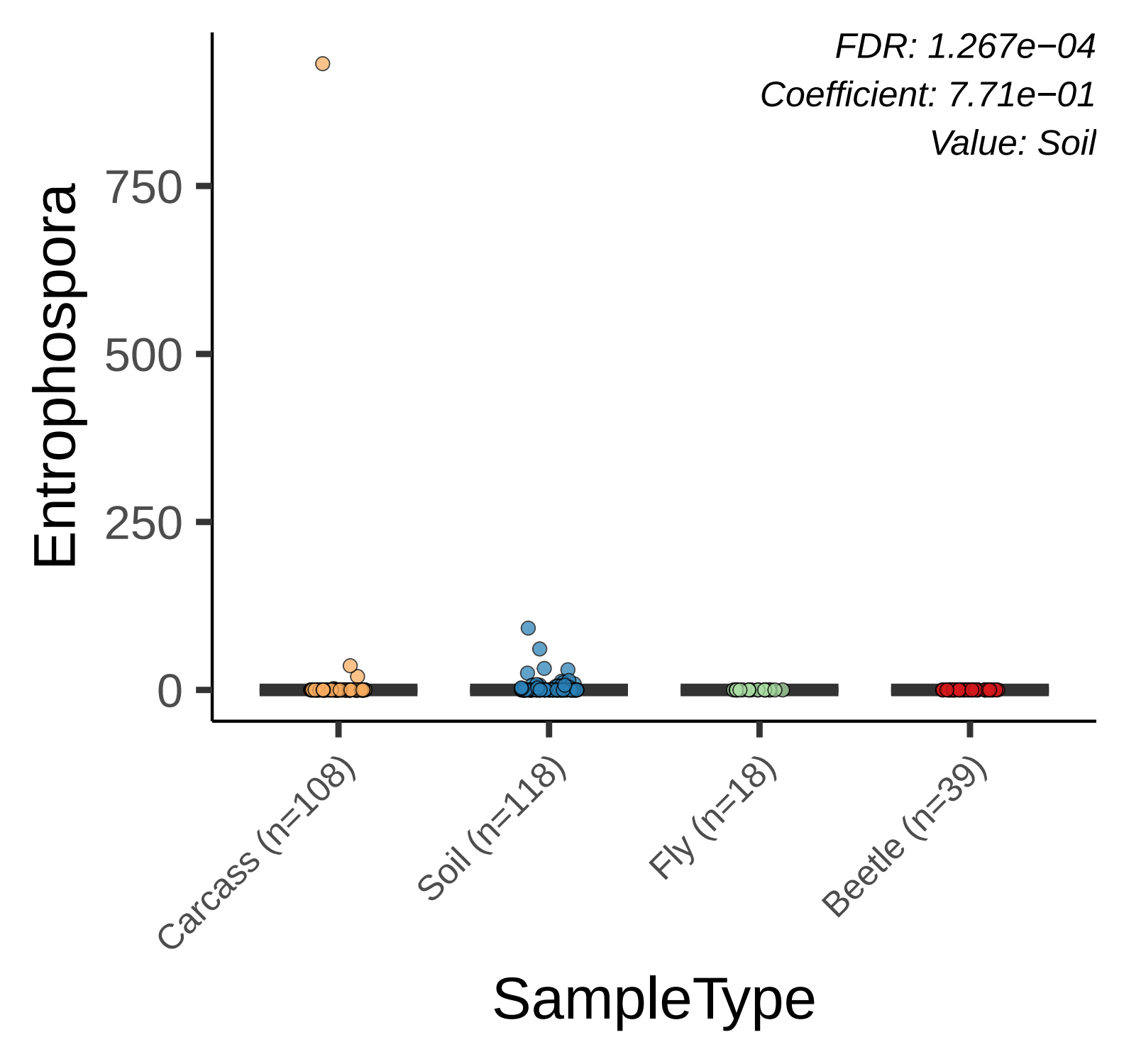

FDR: 1.011e−04
Coefficient: 6.06e−01
Value: Soil
Tympanidaceae_gen_Incertae_sedis
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

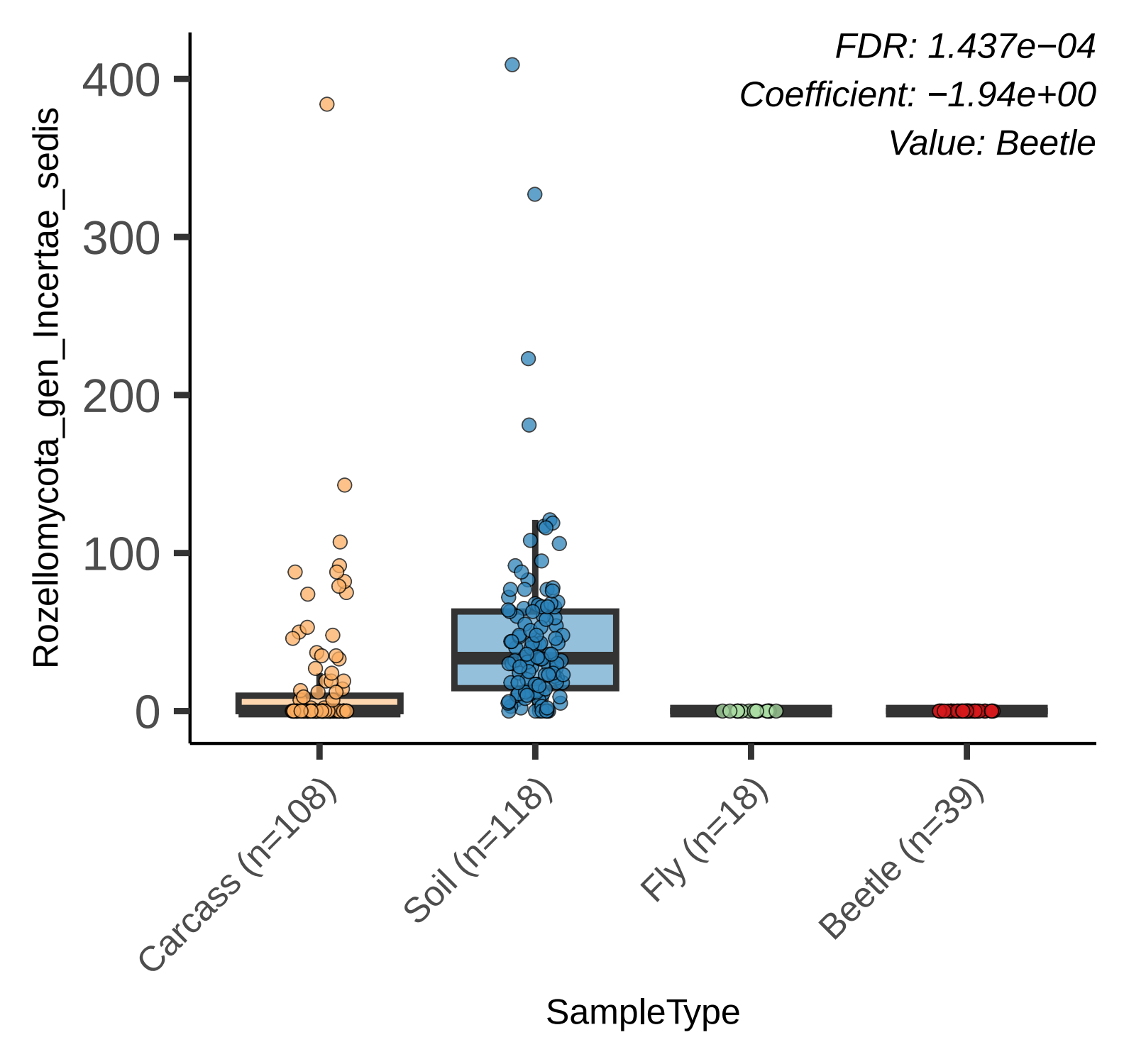

FDR: 1.068e−04
Coefficient: −1.99e+00
Value: Beetle
Sporidiobolales_gen_Incertae_sedis
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

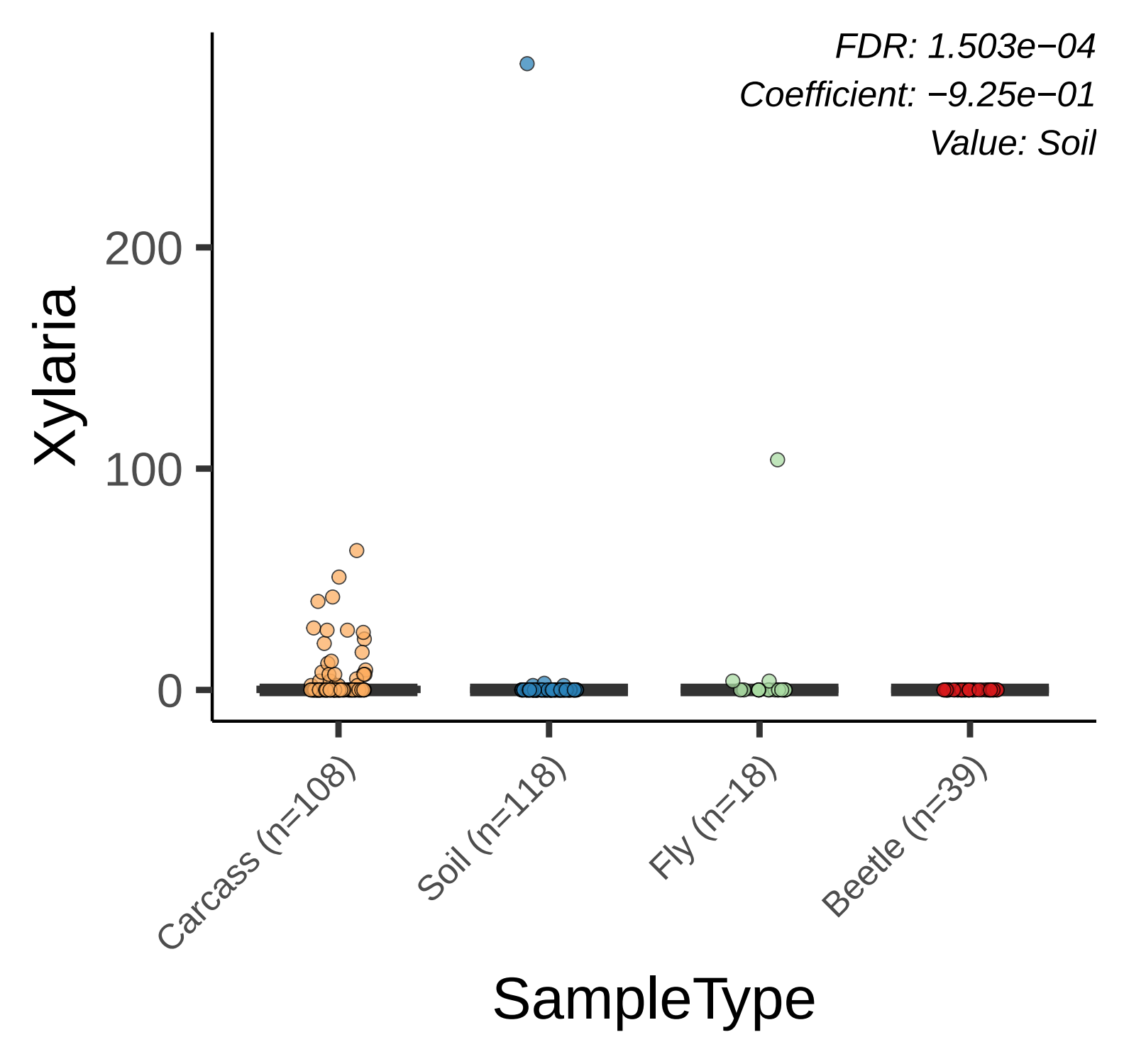

FDR: 1.225e−04
Coefficient: −1.14e+00
Value: Beetle
Botryobasidium
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

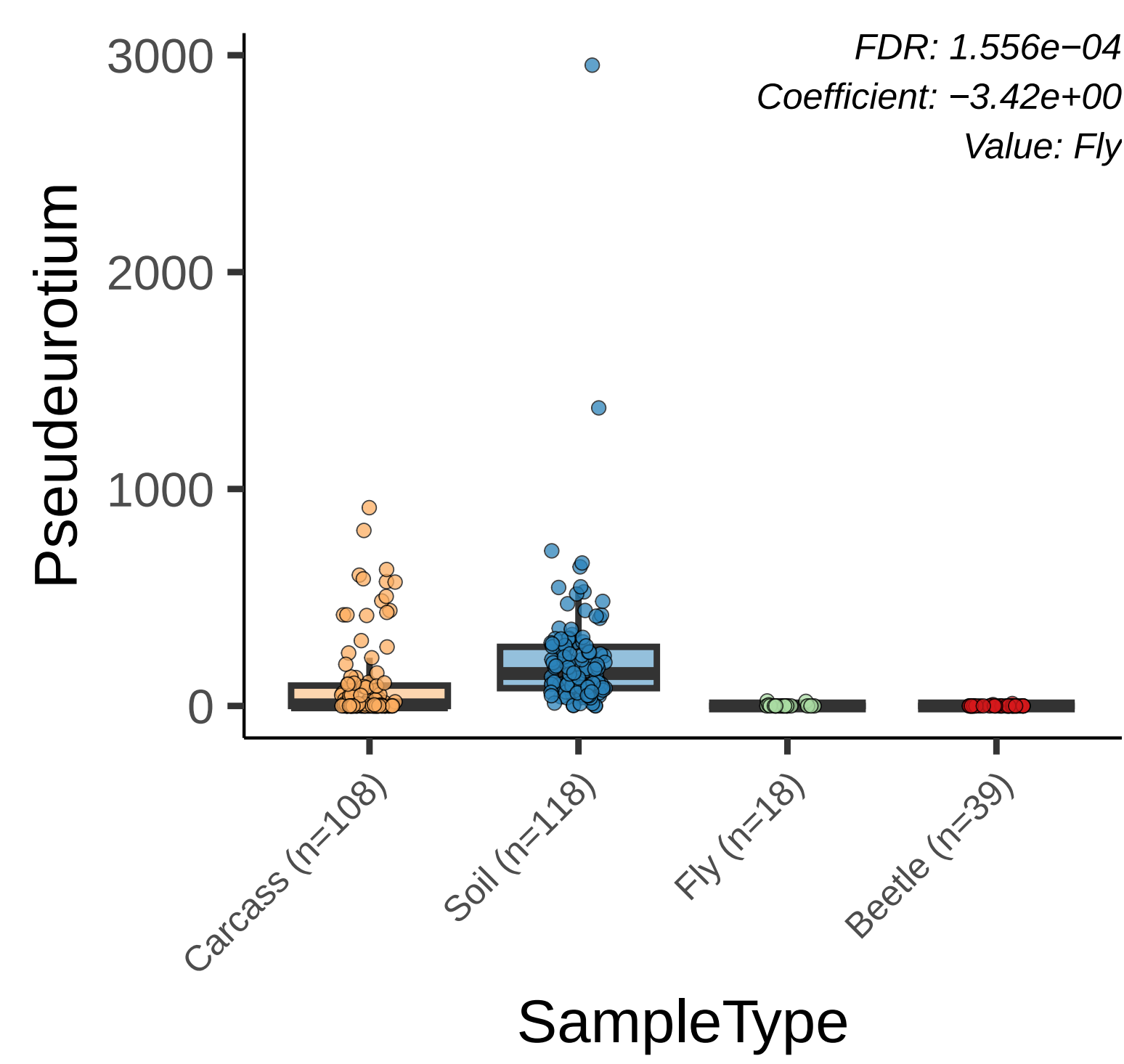

FDR: 1.257e−04
Coefficient: −2.55e+00
Value: Fly
Xenoacremonium
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

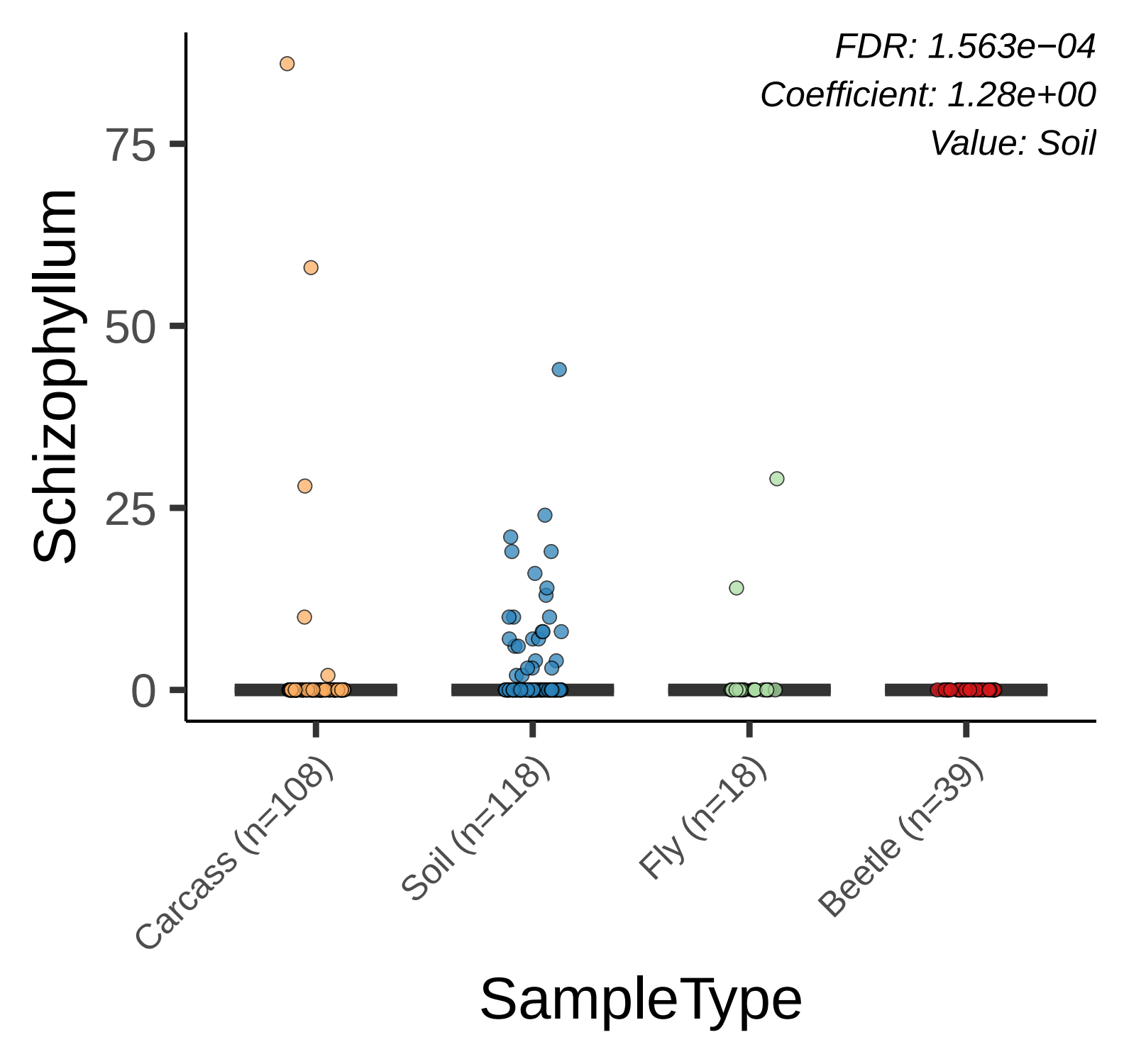

FDR: 1.262e−04
Coefficient: 1.11e+00
Value: Soil
Verruciconidia
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

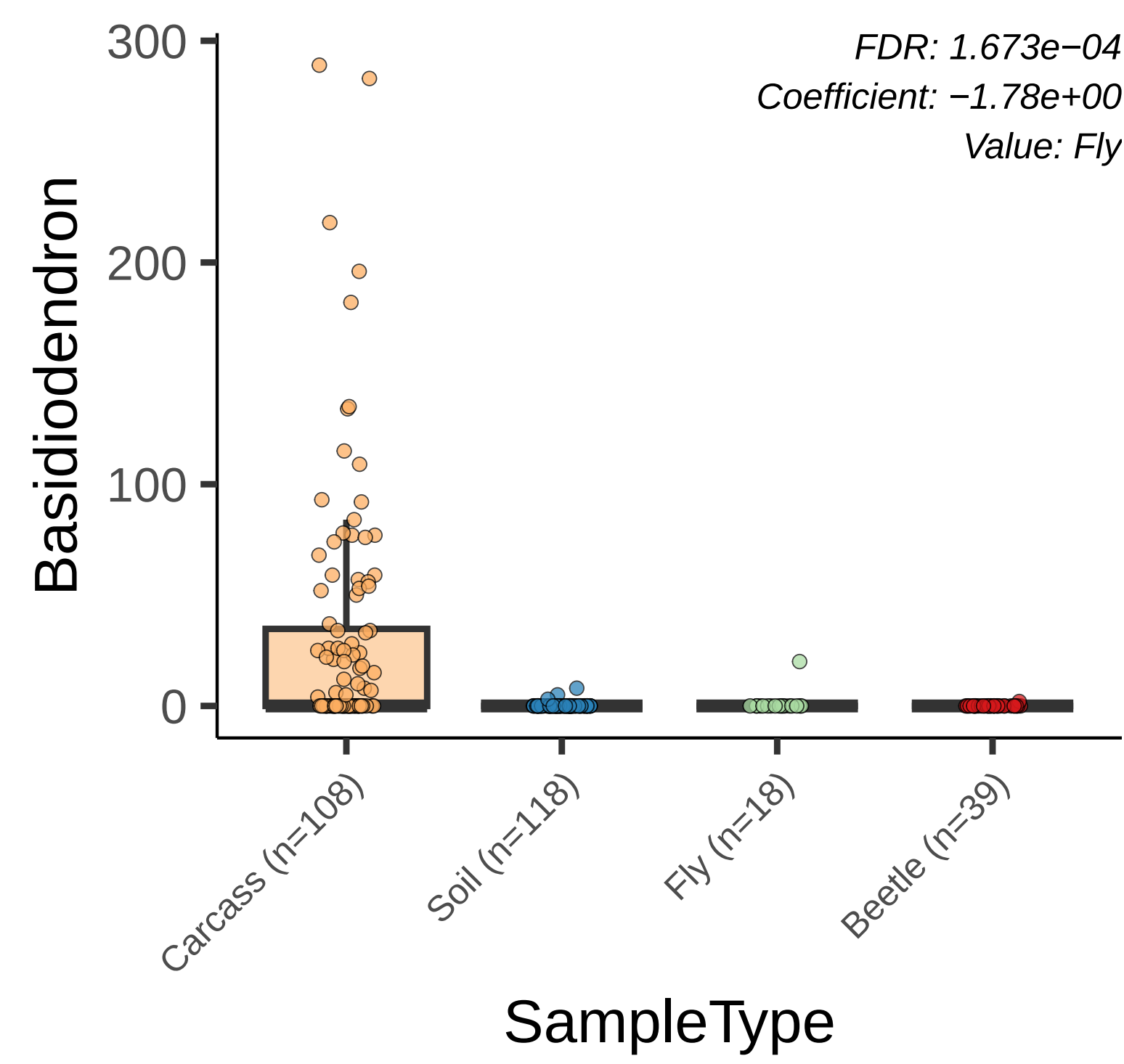

FDR: 1.267e−04
Coefficient: 7.71e−01
Value: Soil
Entrophospora
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

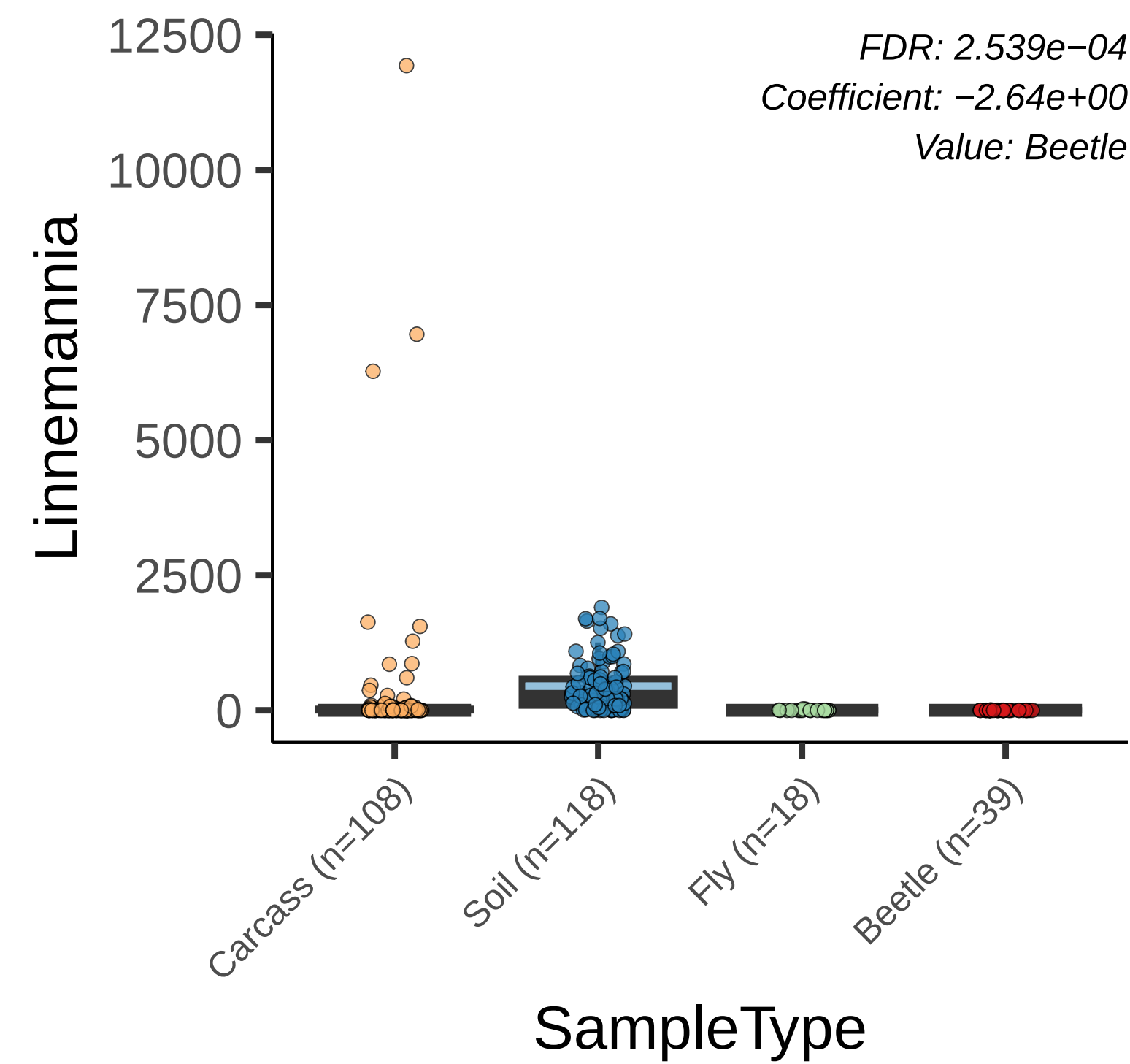

FDR: 1.437e−04
Coefficient: −1.94e+00
Value: Beetle
Rozellomycota_gen_Incertae_sedis
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

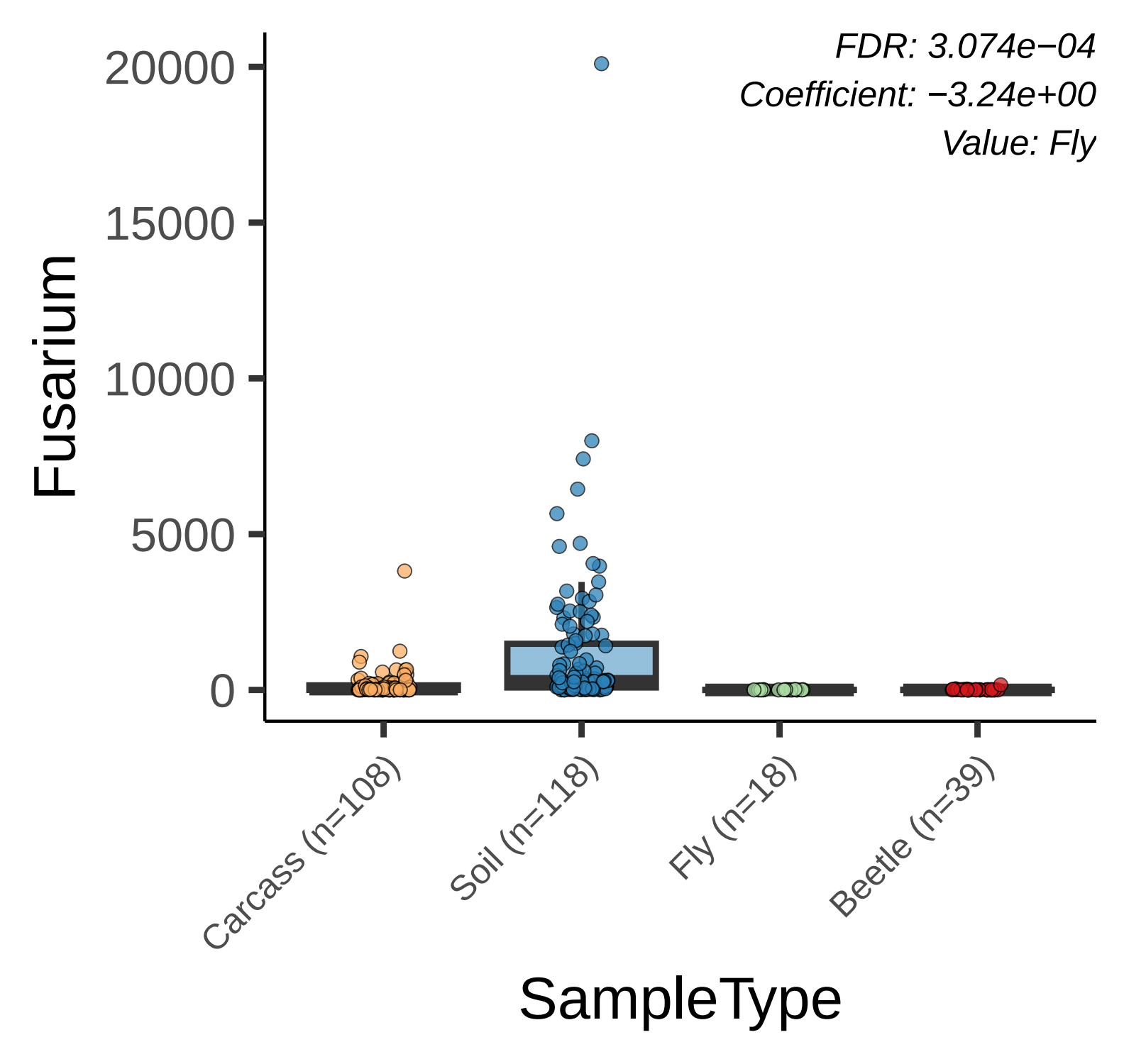

FDR: 1.503e−04
Coefficient: −9.25e−01
Value: Soil
Xylaria
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

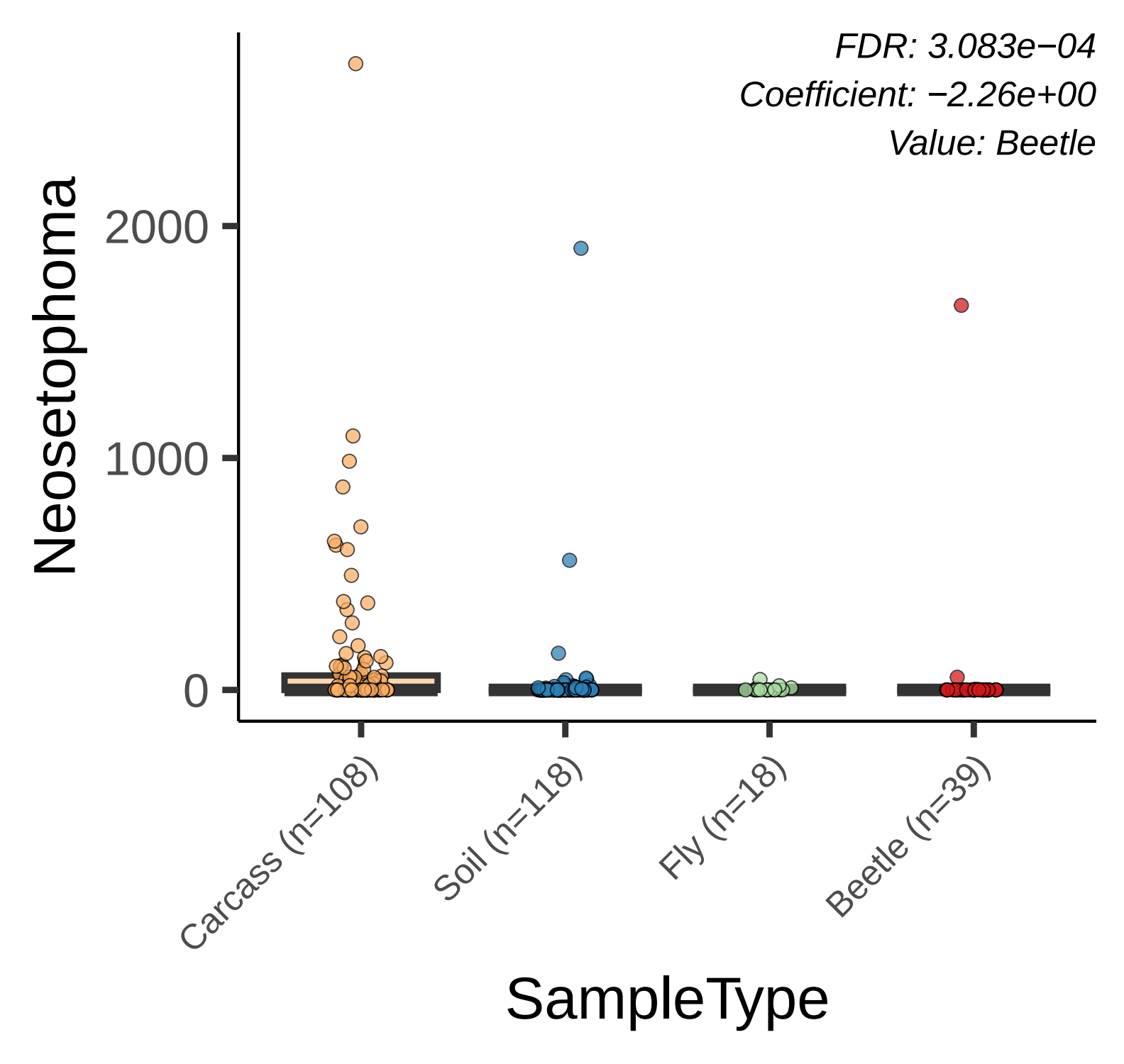

FDR: 1.556e−04
Coefficient: −3.42e+00
Value: Fly
Pseudeurotium
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

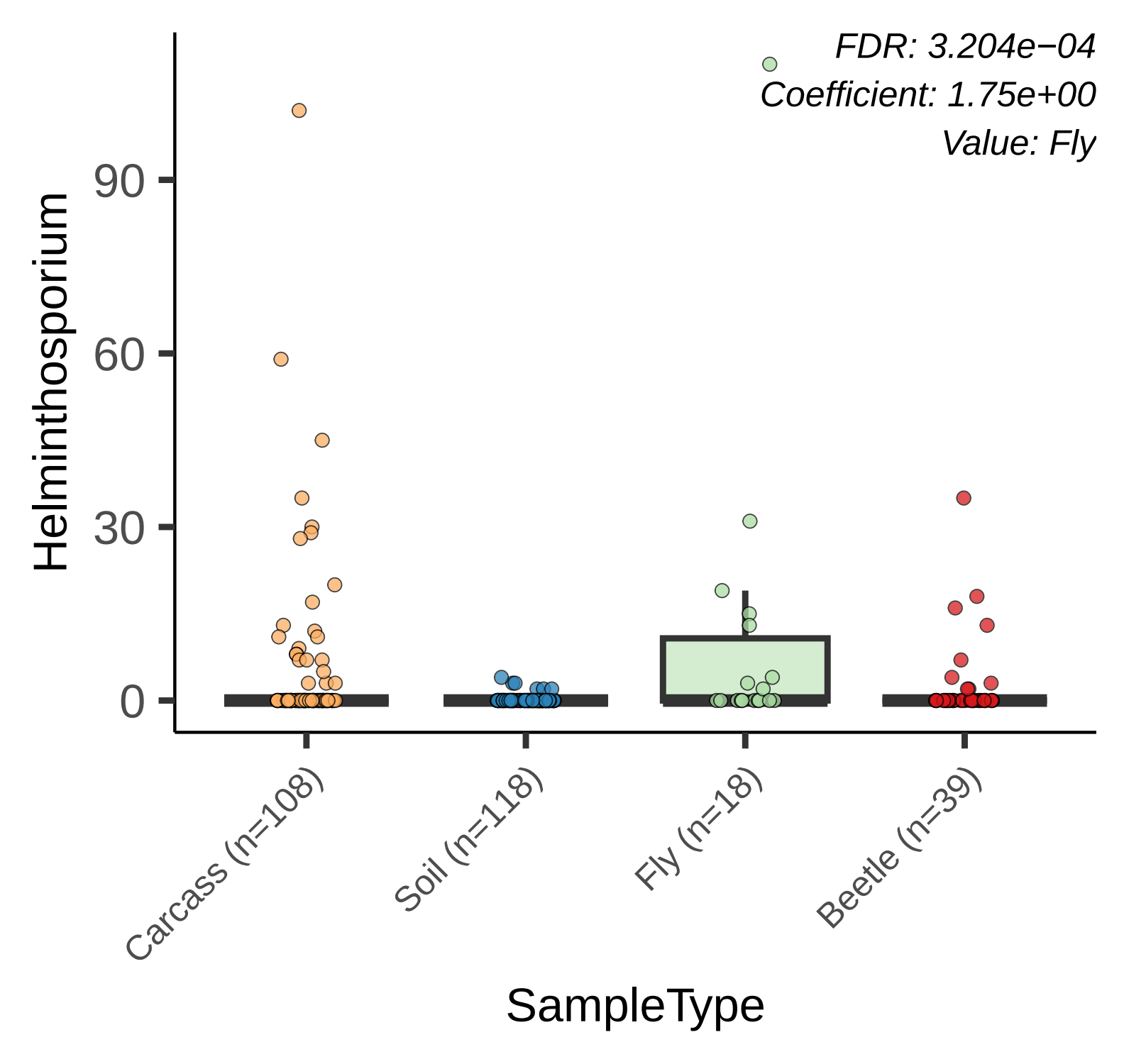

FDR: 1.563e−04
Coefficient: 1.28e+00
Value: Soil
Schizophyllum
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

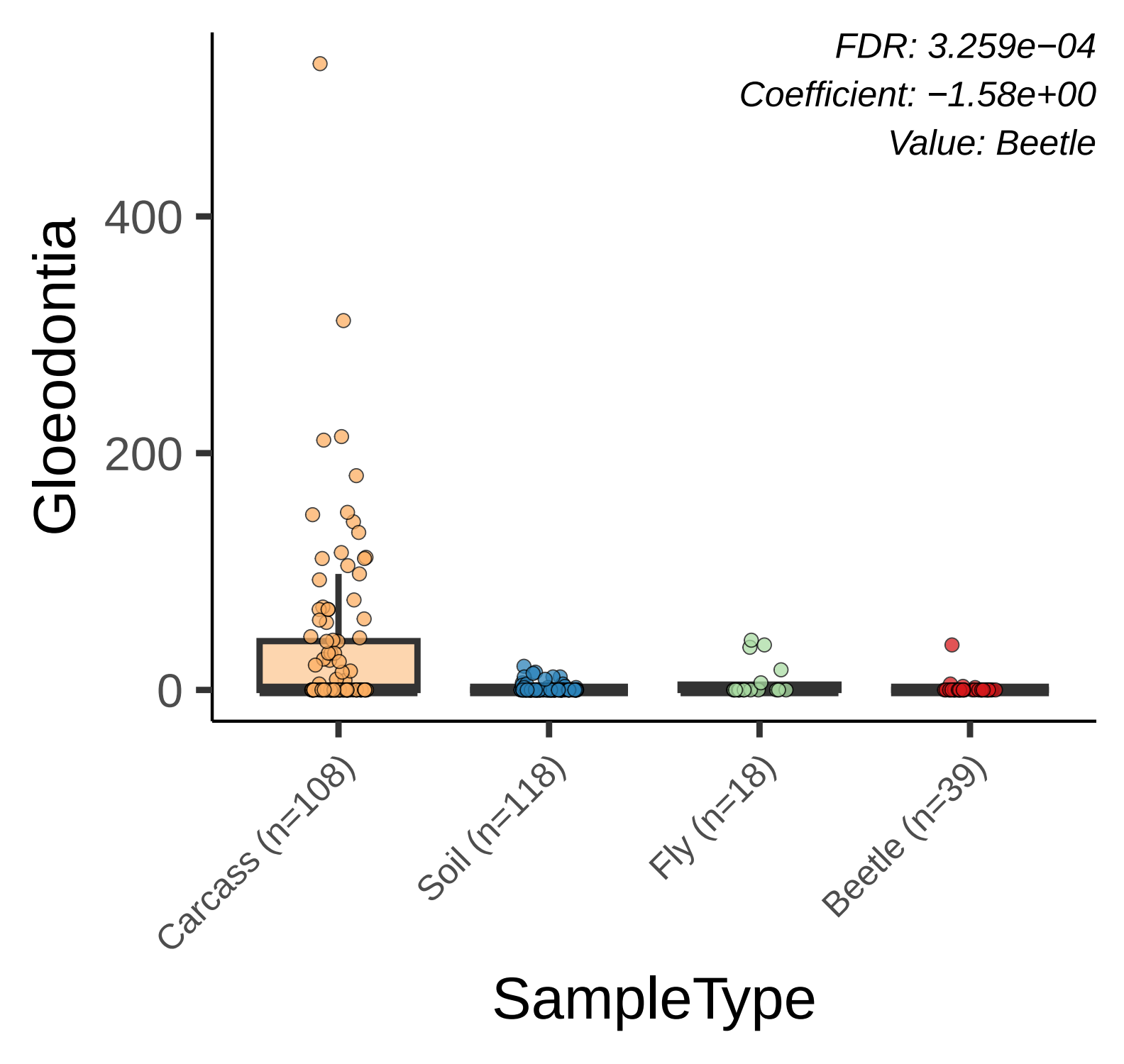

FDR: 1.673e−04
Coefficient: −1.78e+00
Value: Fly
Basidiodendron
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

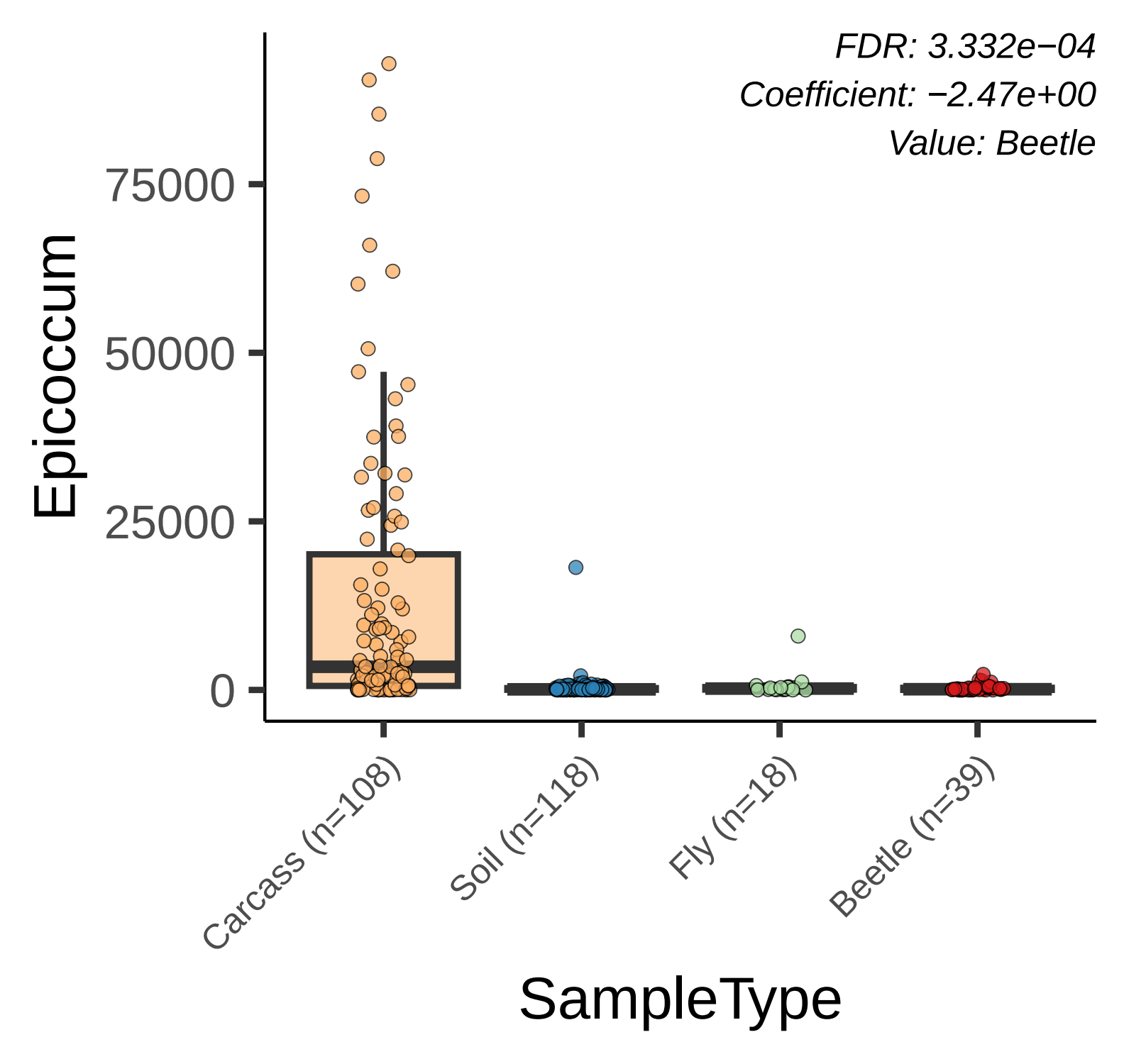

FDR: 2.539e−04
Coefficient: −2.64e+00
Value: Beetle
Linnemannia
12500
10000
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

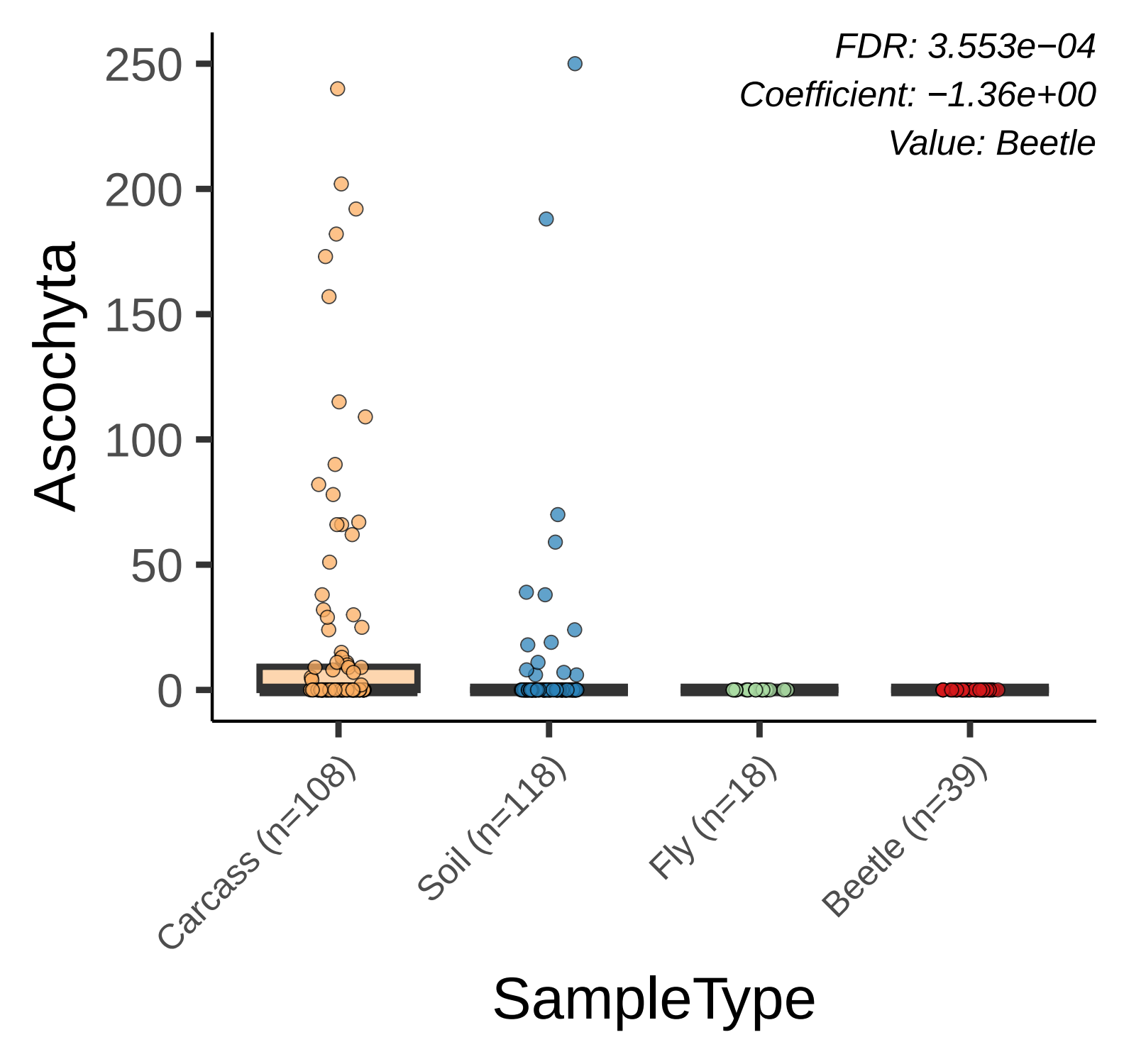

FDR: 3.074e−04
Coefficient: −3.24e+00
Value: Fly
Fusarium
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

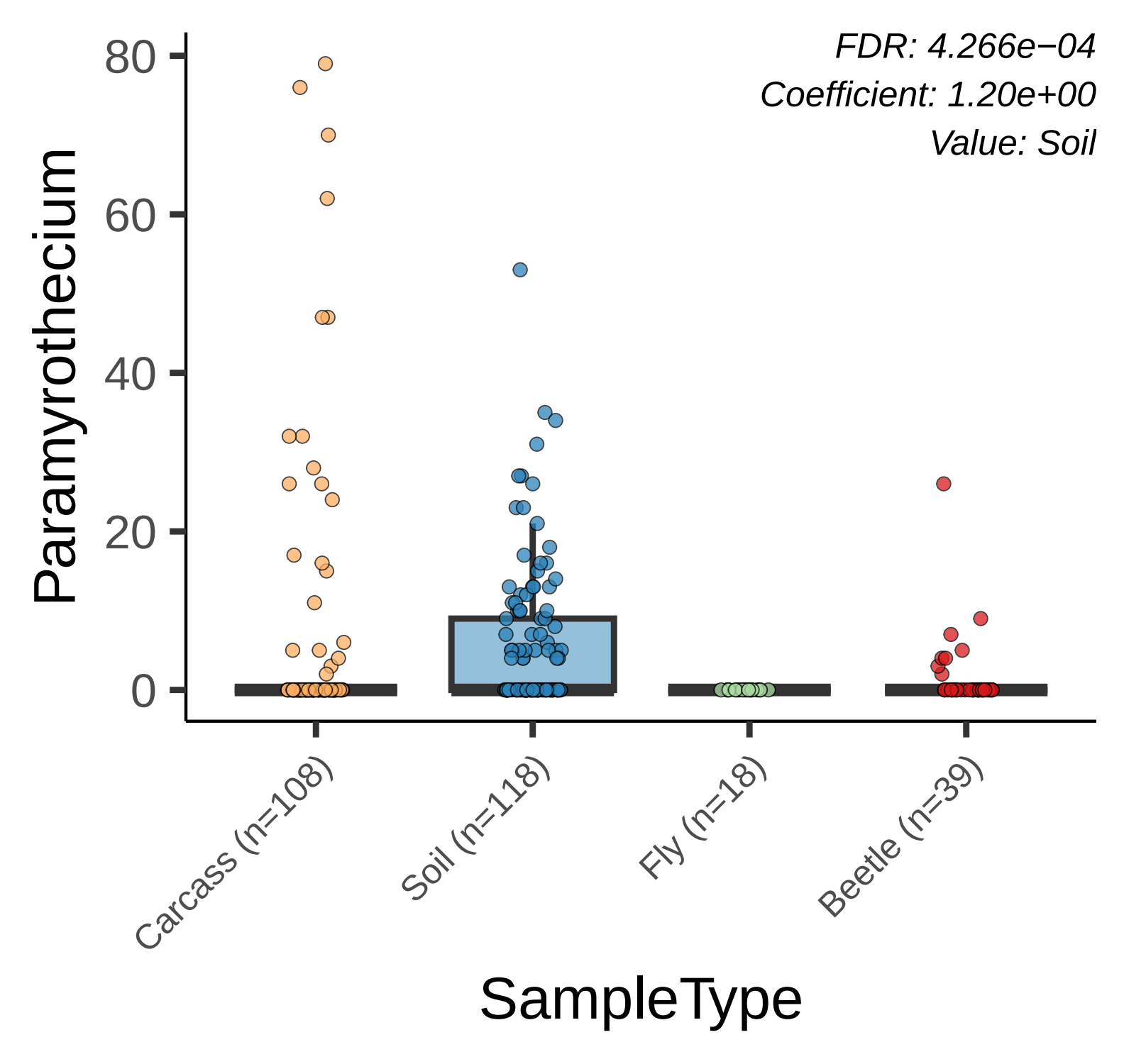

FDR: 3.083e−04
Coefficient: −2.26e+00
Value: Beetle
Neosetophoma
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

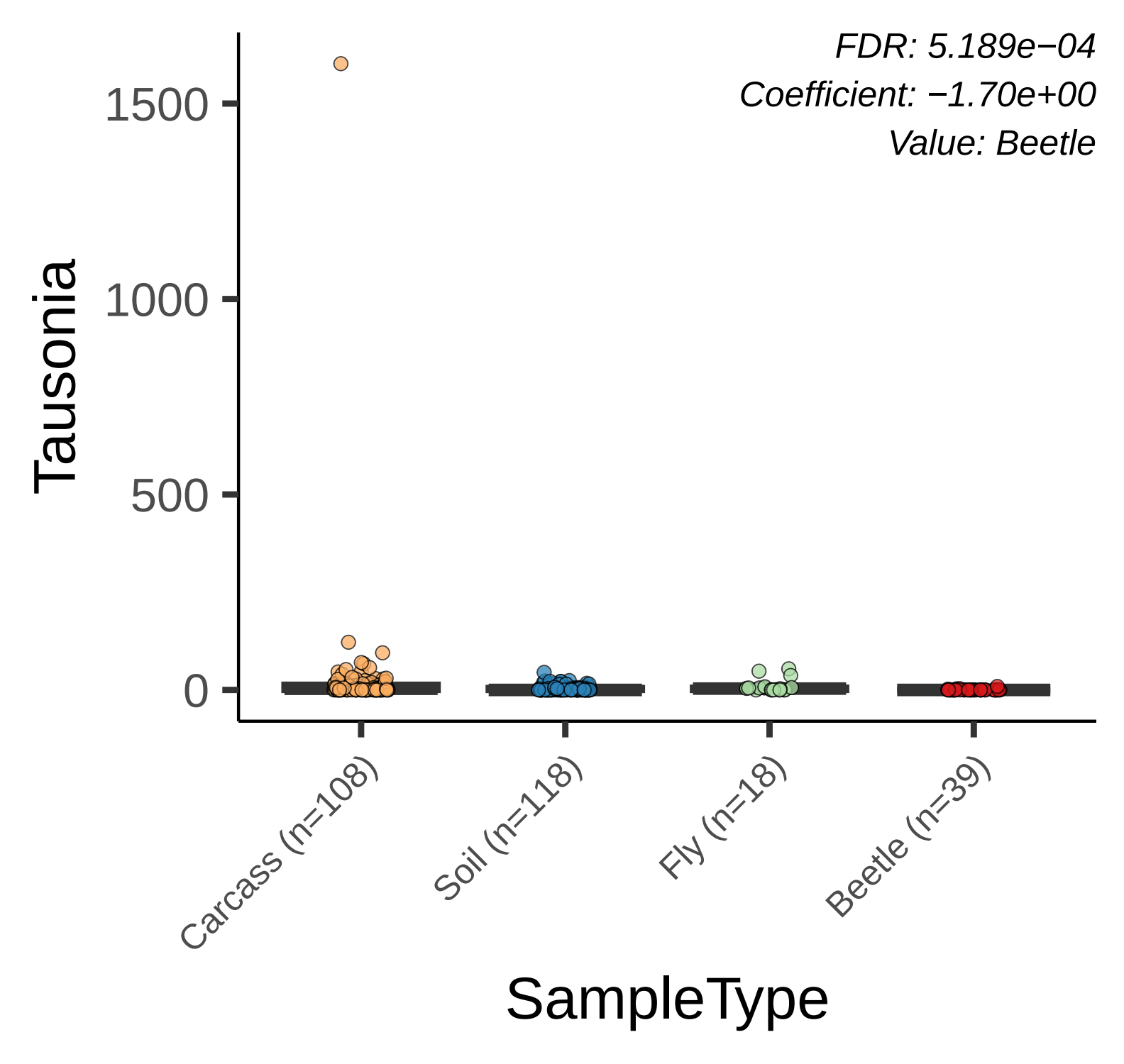

FDR: 3.204e−04
Coefficient: 1.75e+00
Value: Fly
Helminthosporium
90
60
30
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

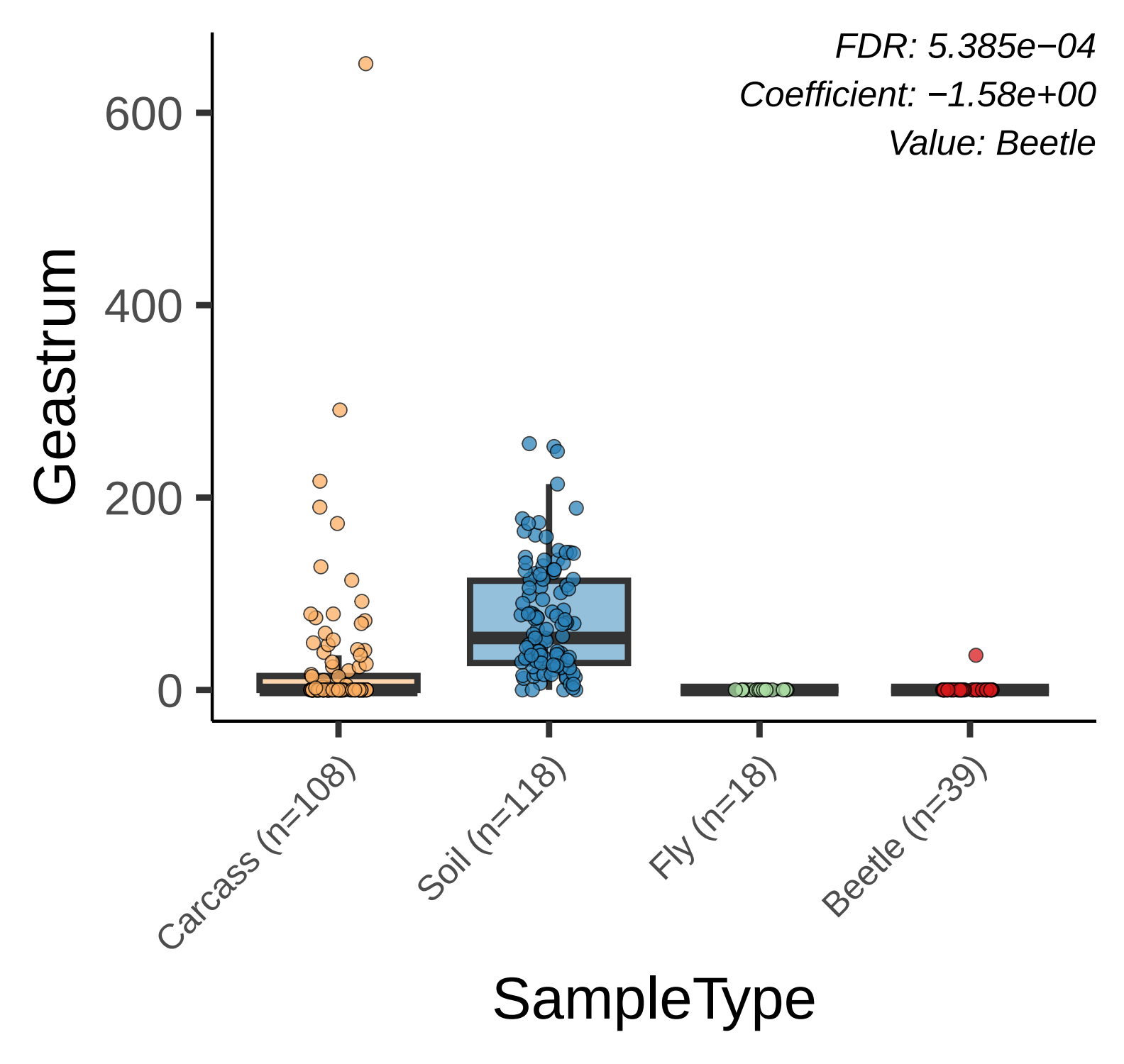

FDR: 3.259e−04
Coefficient: −1.58e+00
Value: Beetle
Gloeodontia
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

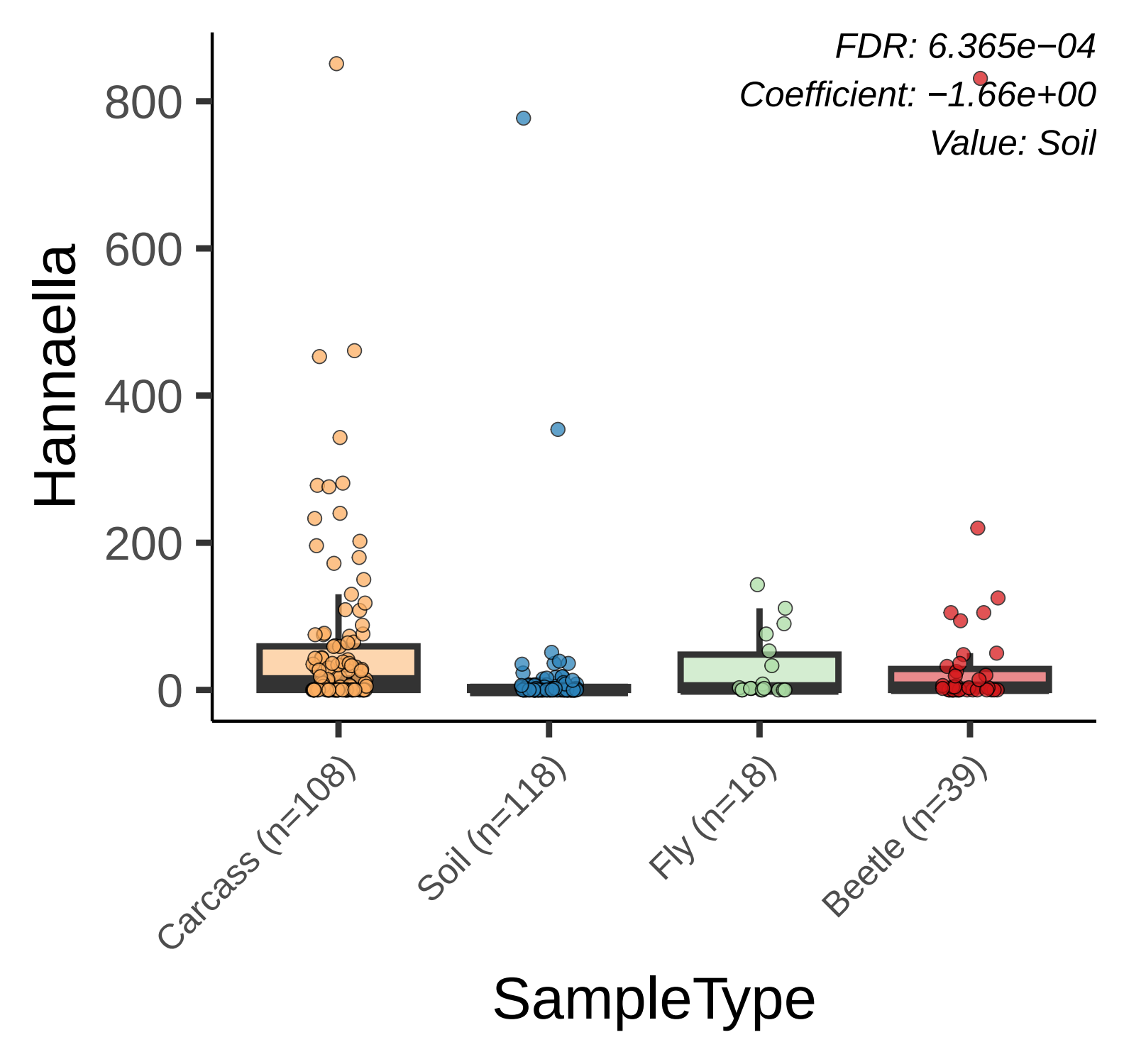

FDR: 3.332e−04
Coefficient: −2.47e+00
Value: Beetle
Epicoccum
75000
50000
25000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

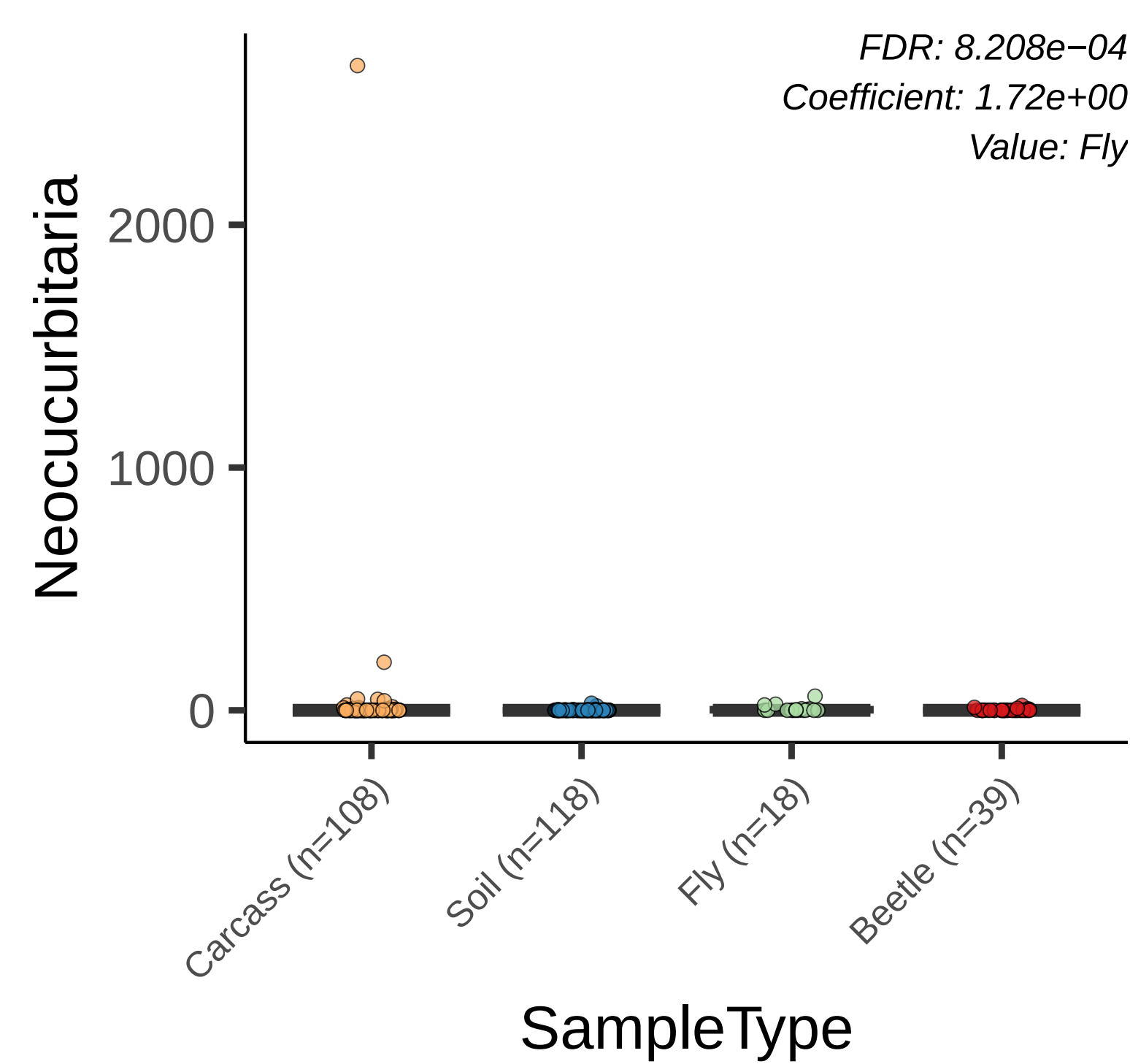

FDR: 3.553e−04
Coefficient: −1.36e+00
Value: Beetle
Ascochyta
250
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

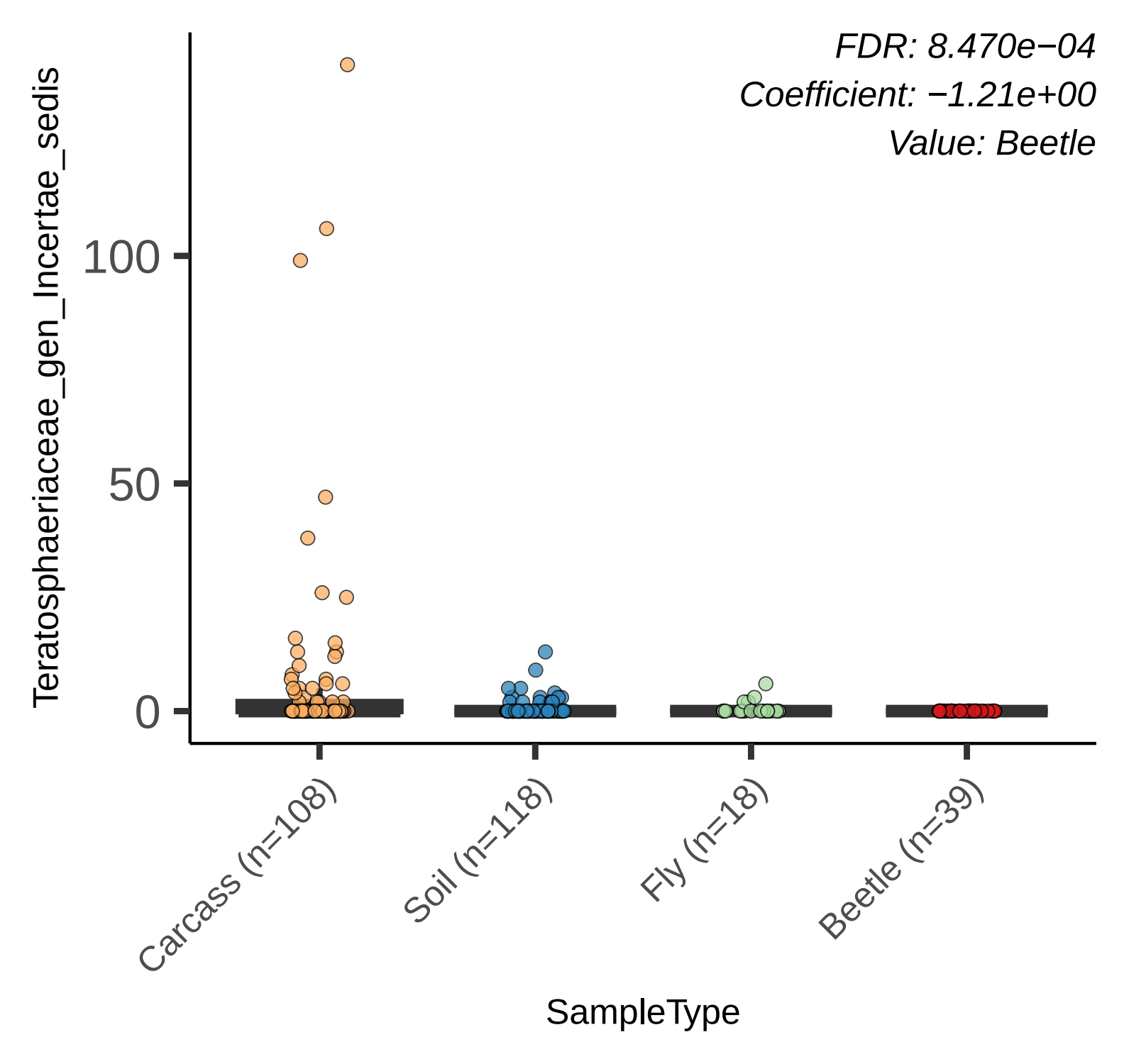

FDR: 4.266e−04
Coefficient: 1.20e+00
Value: Soil
Paramyrothecium
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

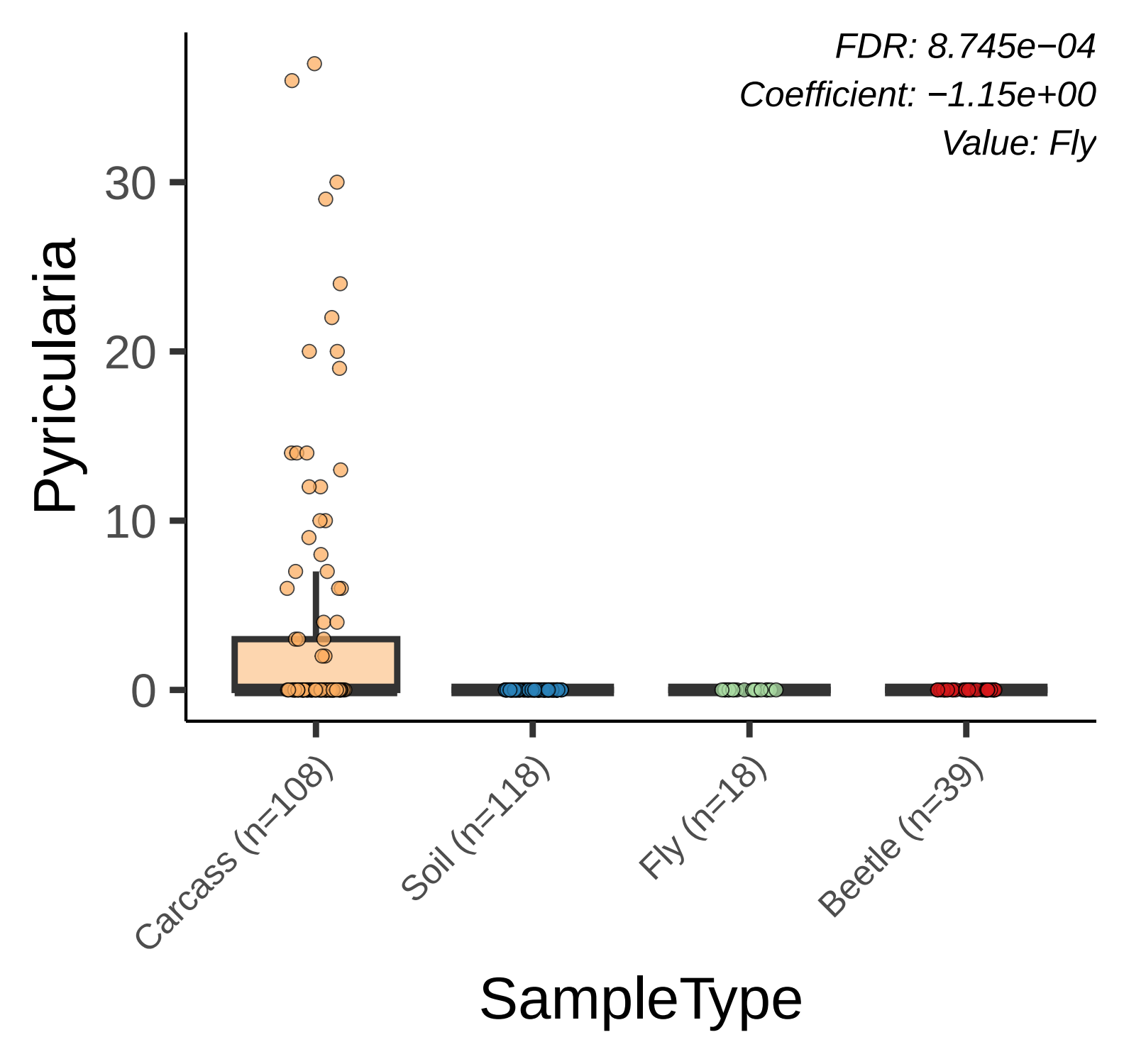

FDR: 5.189e−04
Coefficient: −1.70e+00
Value: Beetle
Tausonia
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

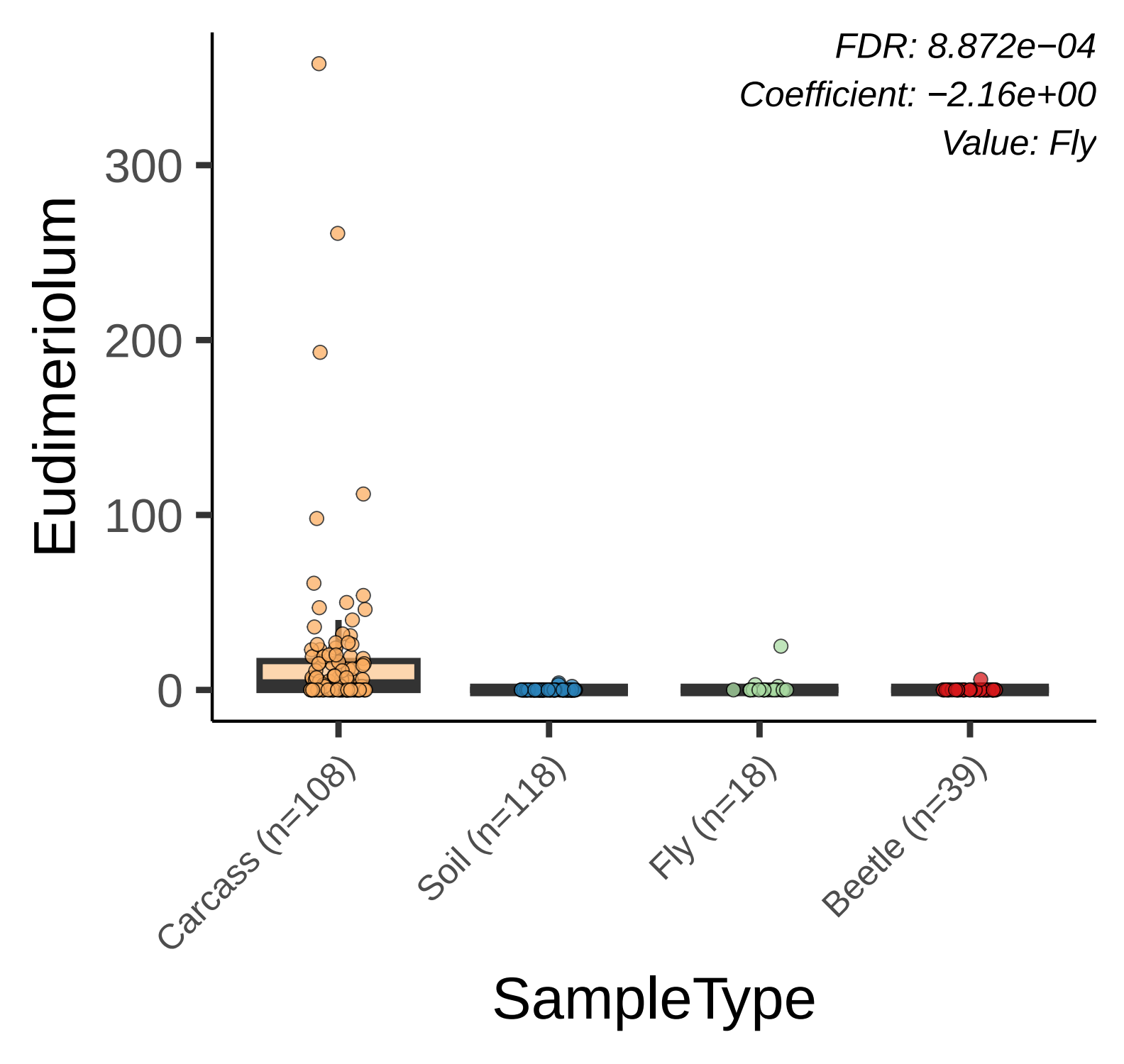

FDR: 5.385e−04
Coefficient: −1.58e+00
Value: Beetle
Geastrum
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

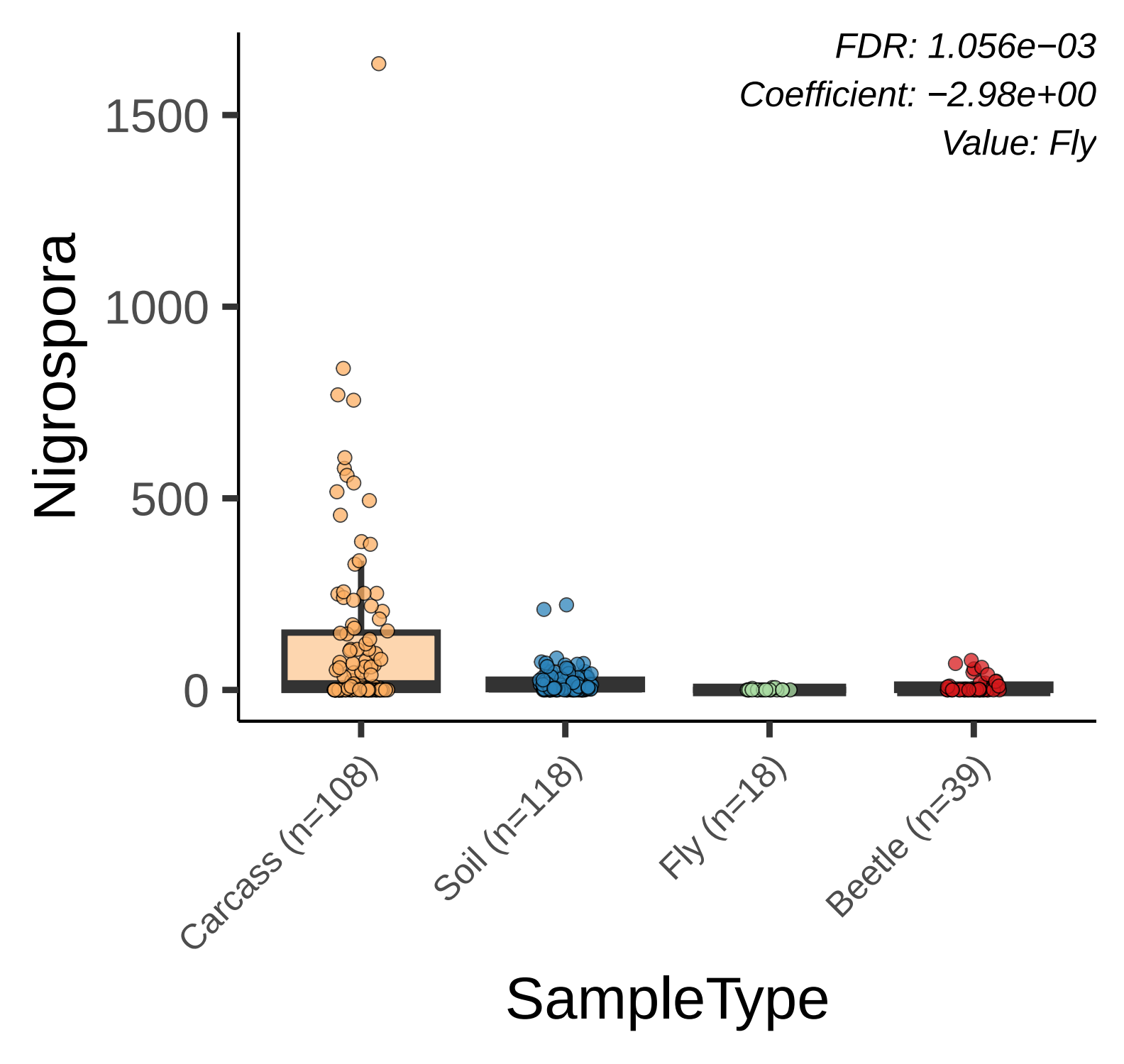

FDR: 6.365e−04
Coefficient: −1.66e+00
Value: Soil
Hannaella
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

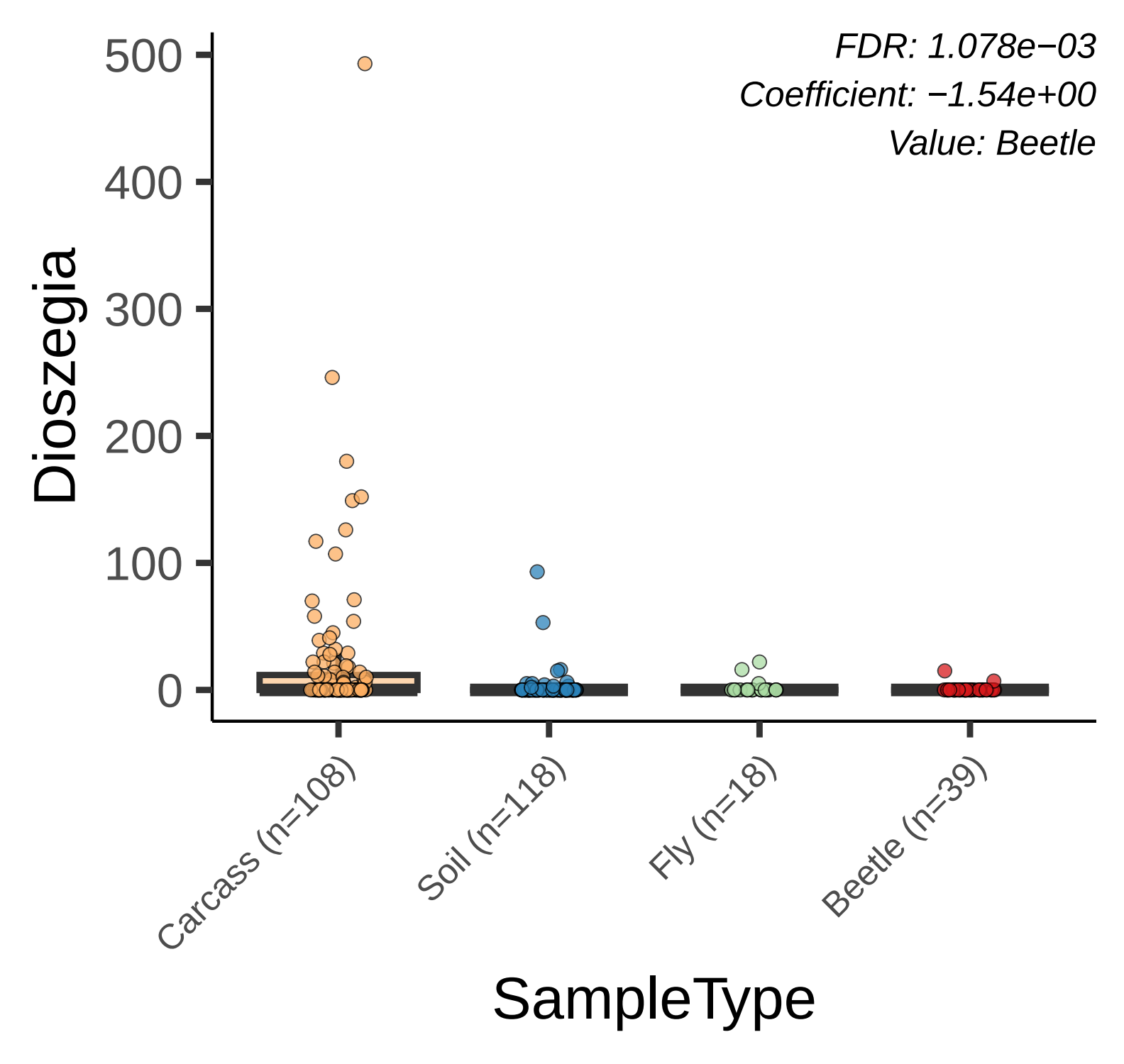

FDR: 8.208e−04
Coefficient: 1.72e+00
Value: Fly
Neocucurbitaria
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

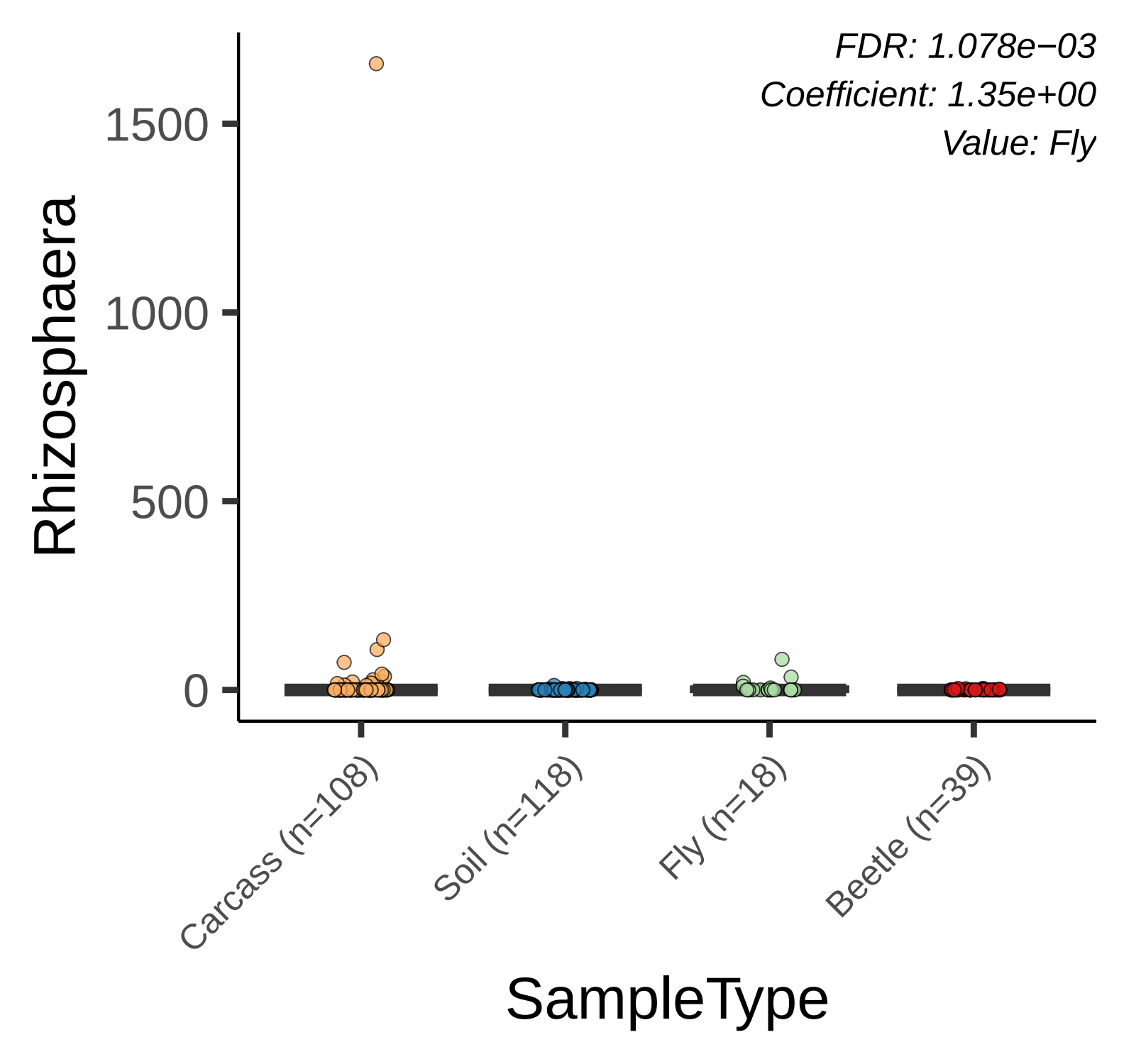

FDR: 8.470e−04
Coefficient: −1.21e+00
Value: Beetle
Teratosphaeriaceae_gen_Incertae_sedis
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

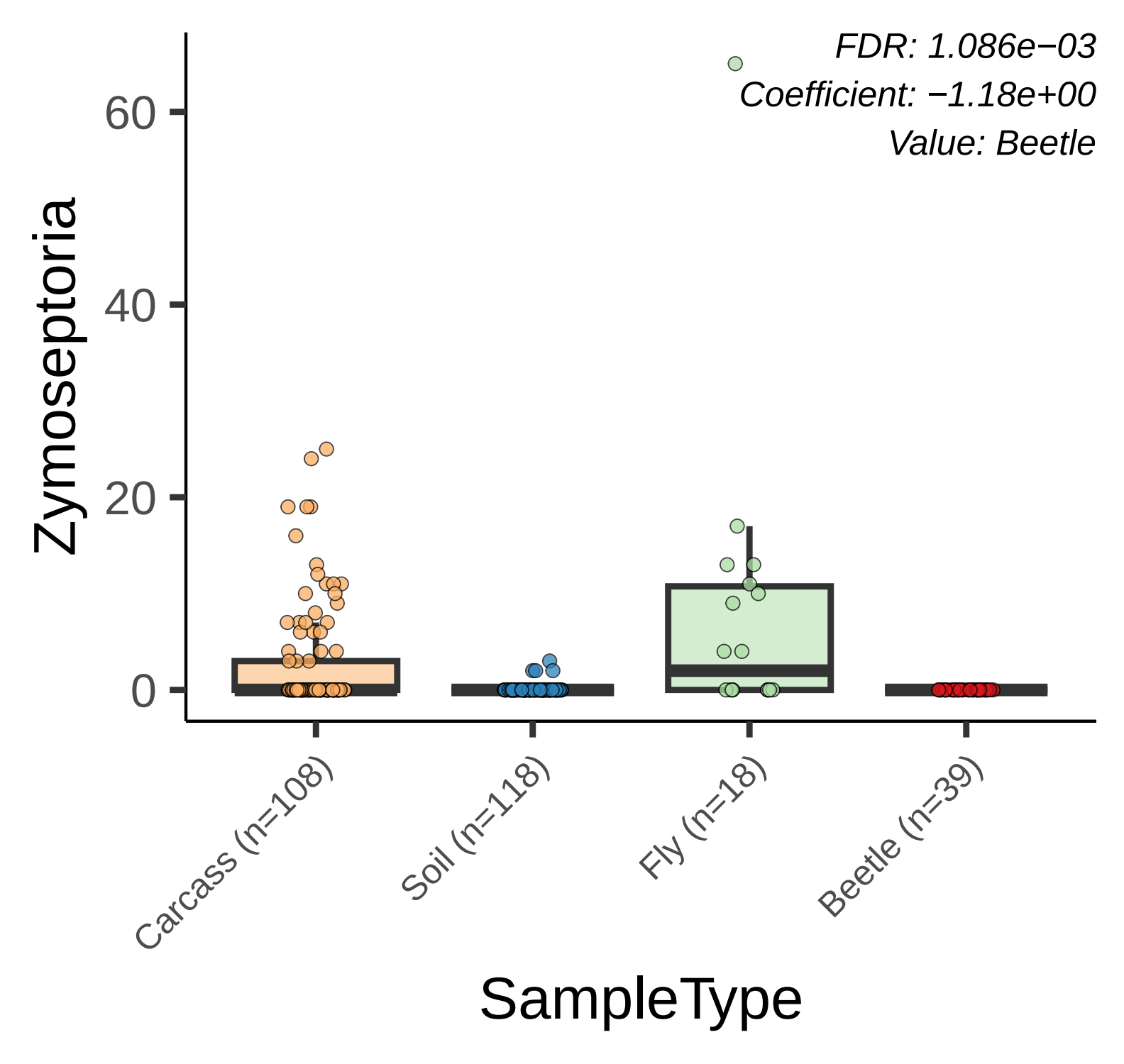

FDR: 8.745e−04
Coefficient: −1.15e+00
Value: Fly
Pyricularia
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

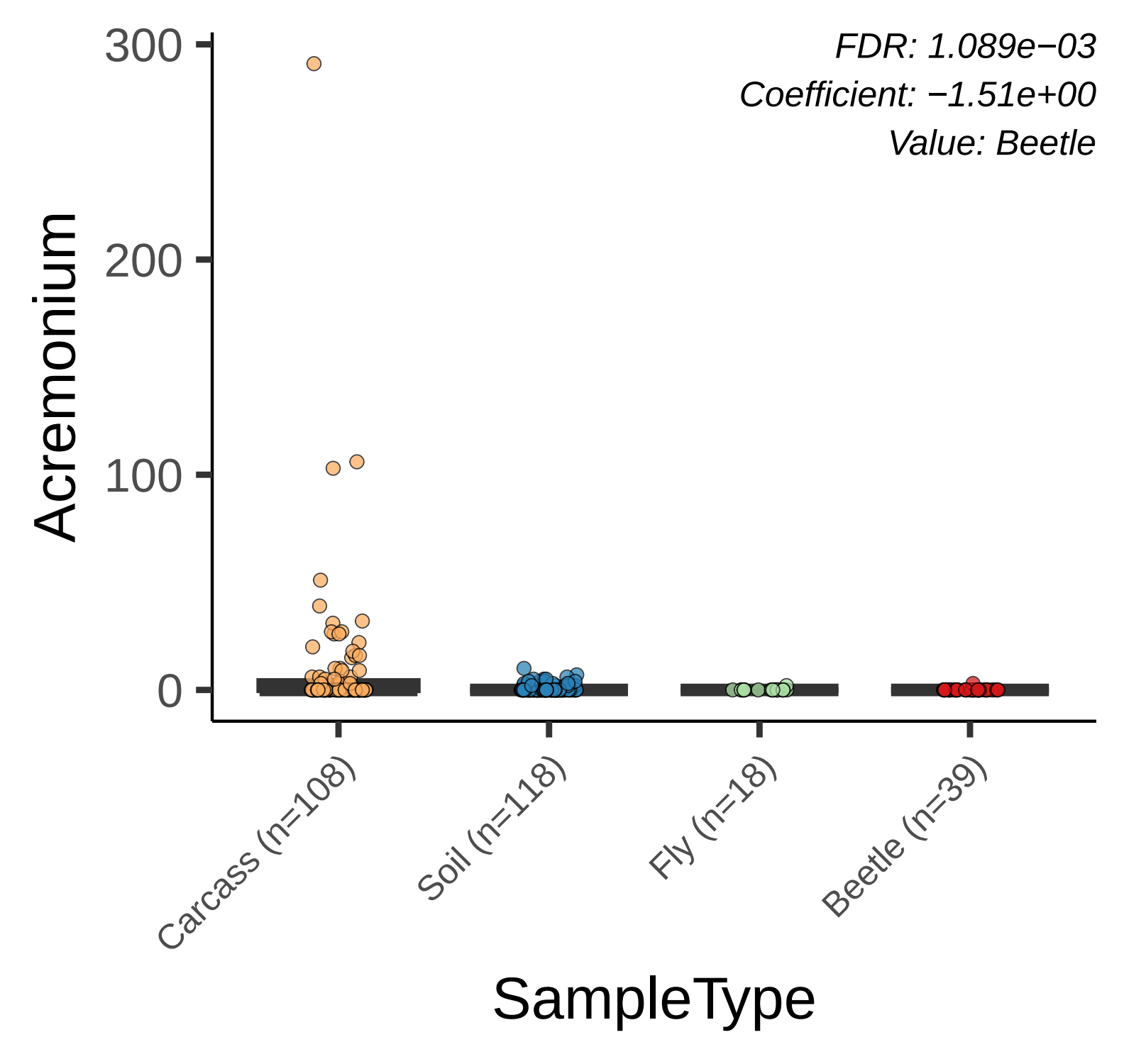

FDR: 8.872e−04
Coefficient: −2.16e+00
Value: Fly
Eudimeriolum
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

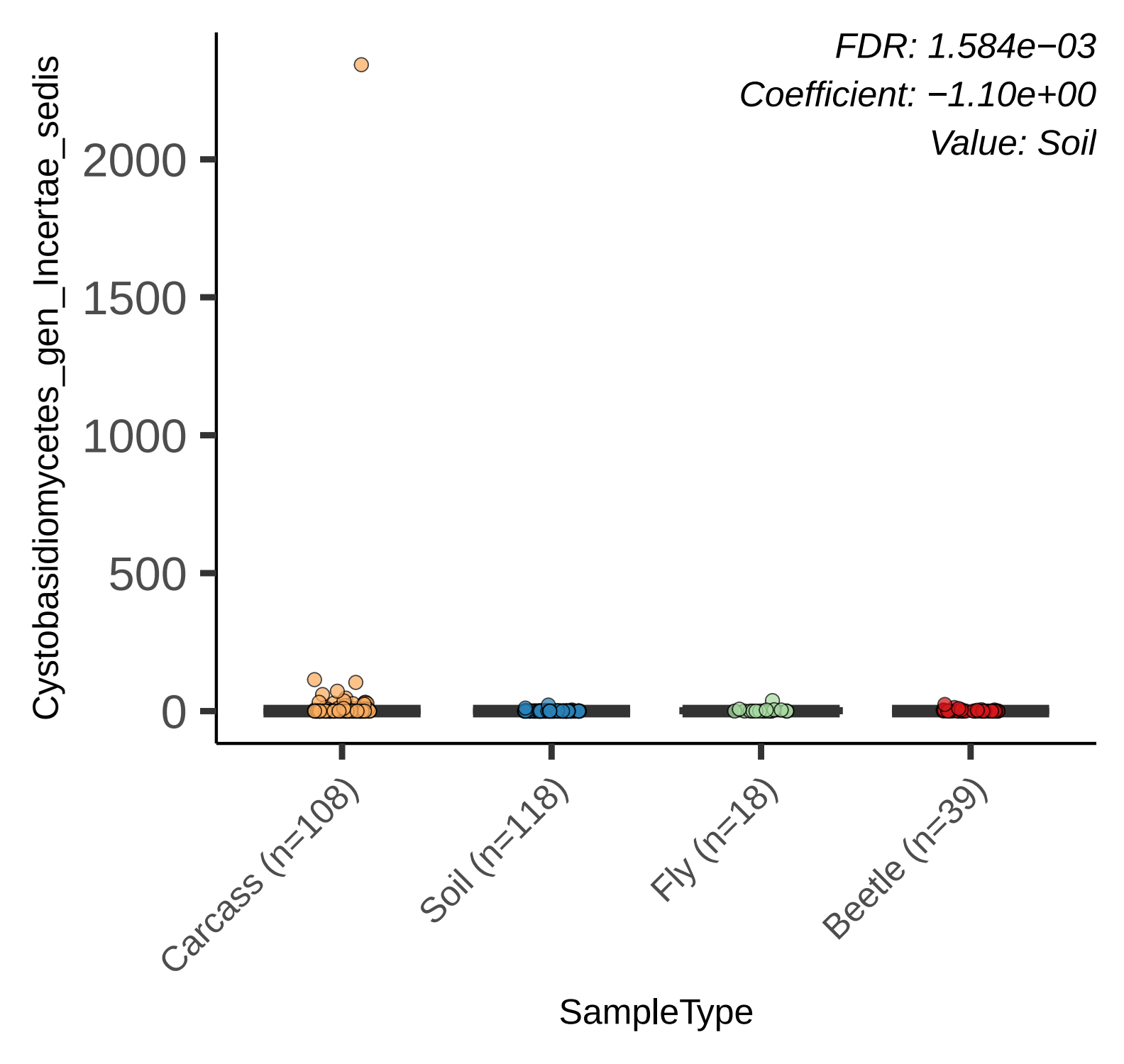

FDR: 1.056e−03
Coefficient: −2.98e+00
Value: Fly
Nigrospora
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

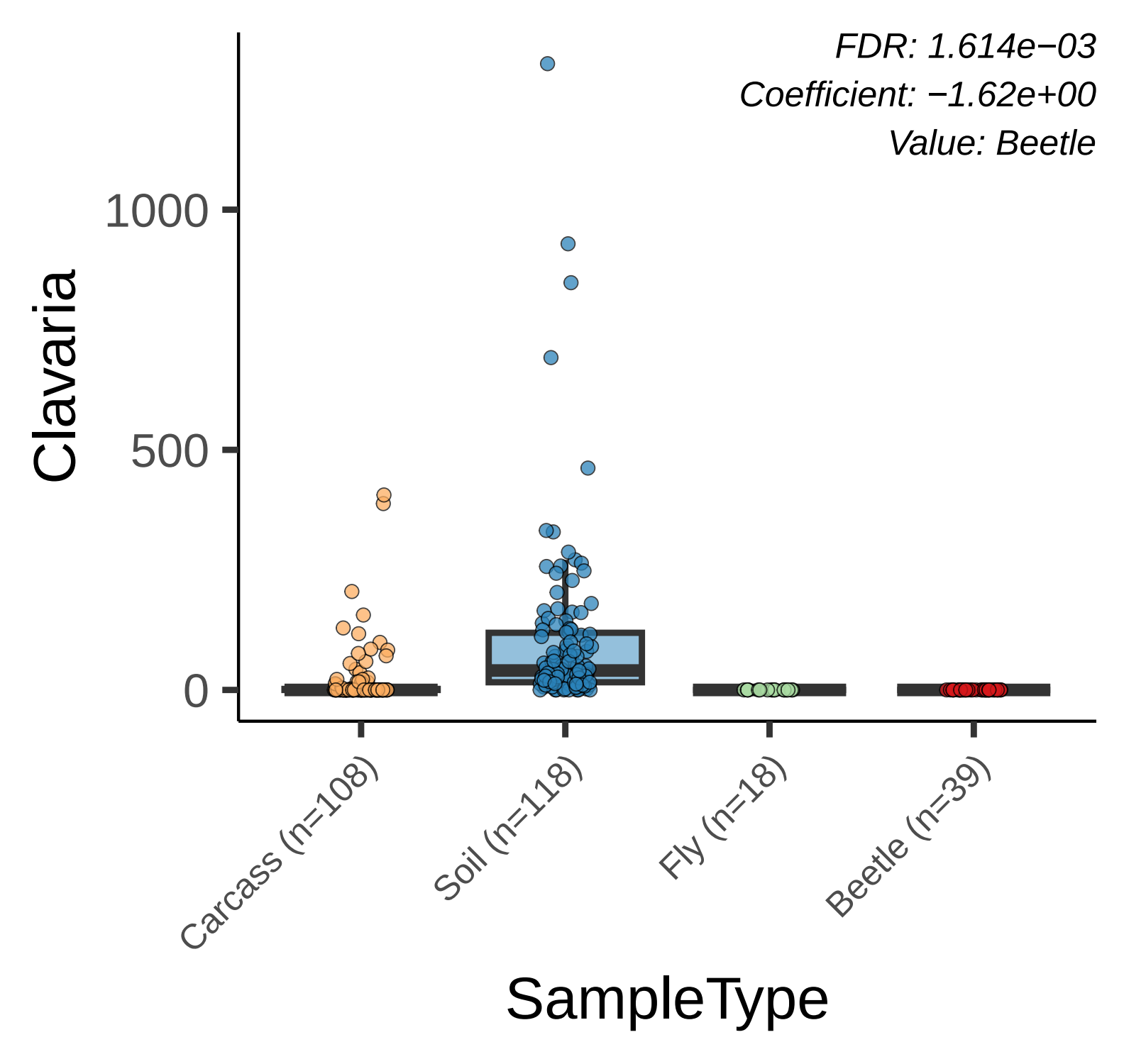

FDR: 1.078e−03
Coefficient: −1.54e+00
Value: Beetle
Dioszegia
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

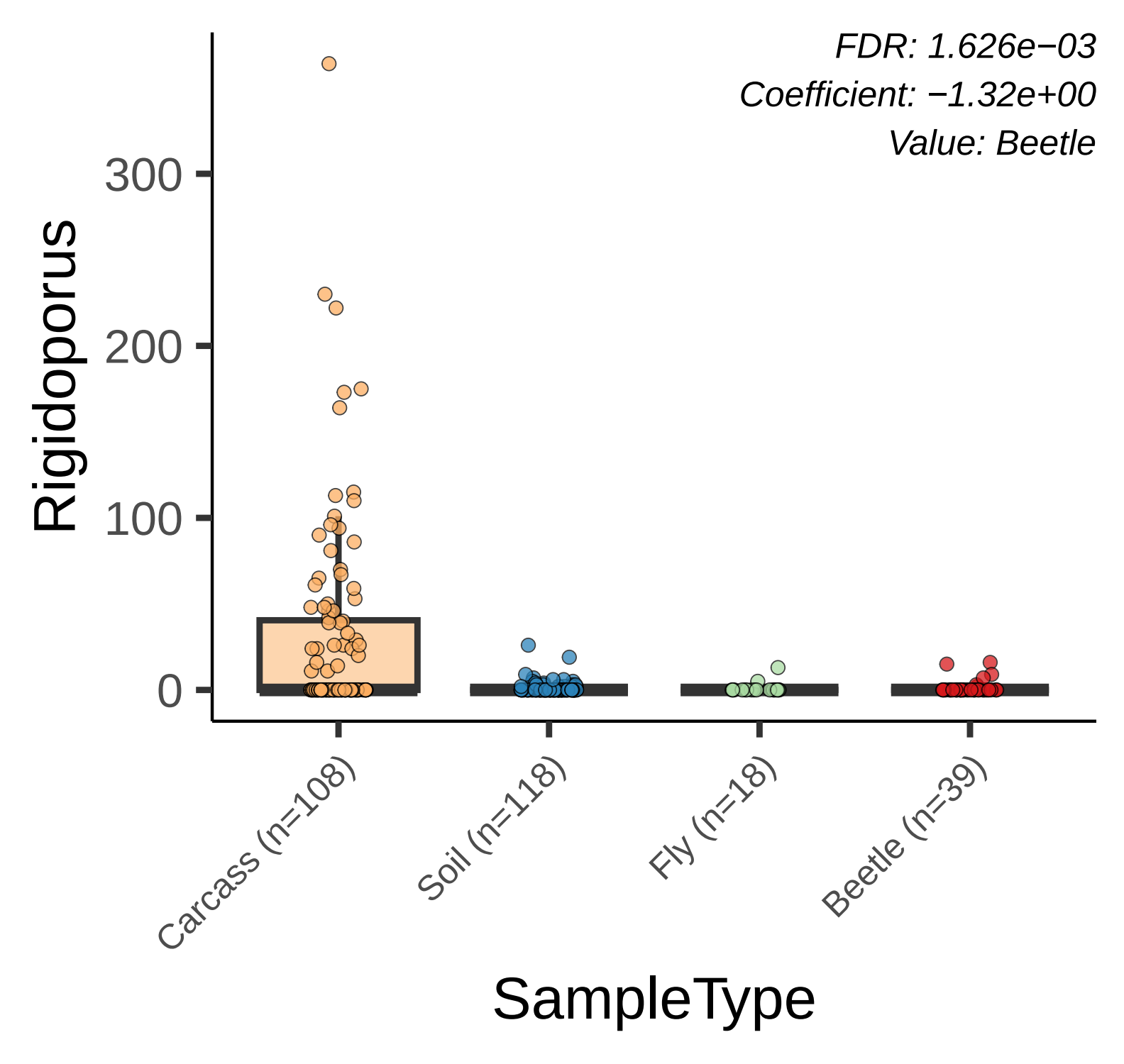

FDR: 1.078e−03
Coefficient: 1.35e+00
Value: Fly
Rhizosphaera
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

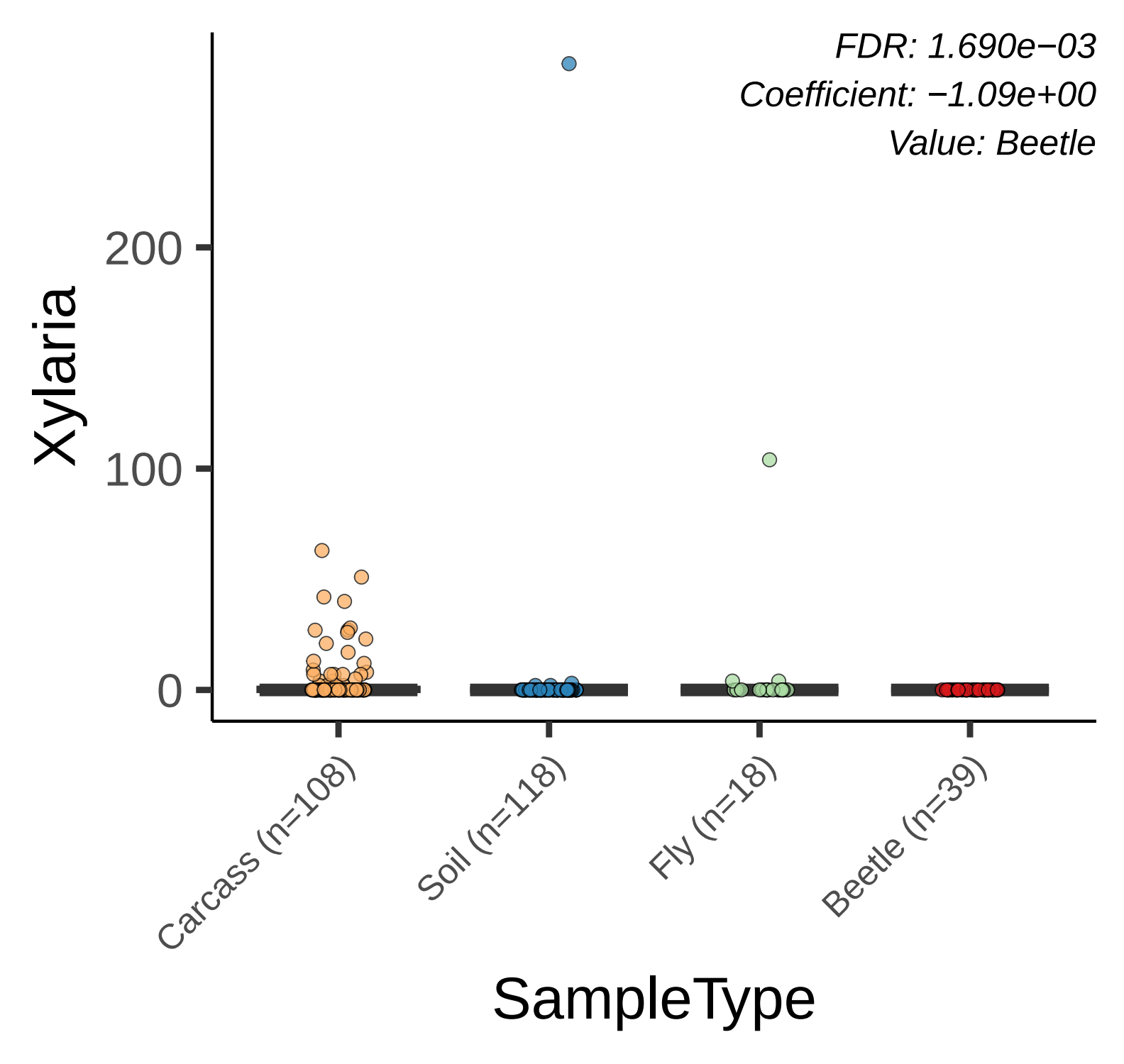

FDR: 1.086e−03
Coefficient: −1.18e+00
Value: Beetle
Zymoseptoria
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

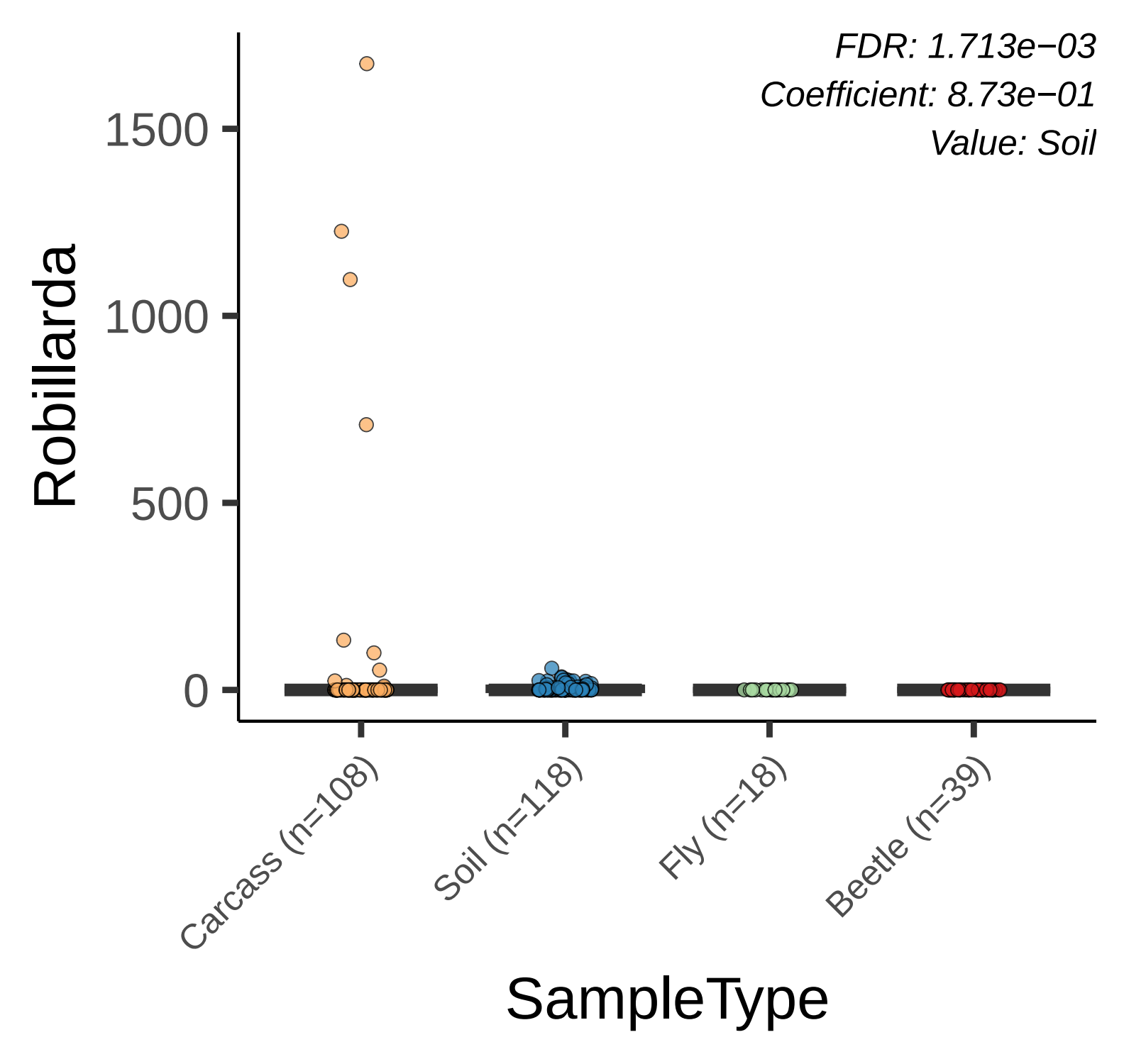

FDR: 1.089e−03
Coefficient: −1.51e+00
Value: Beetle
Acremonium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

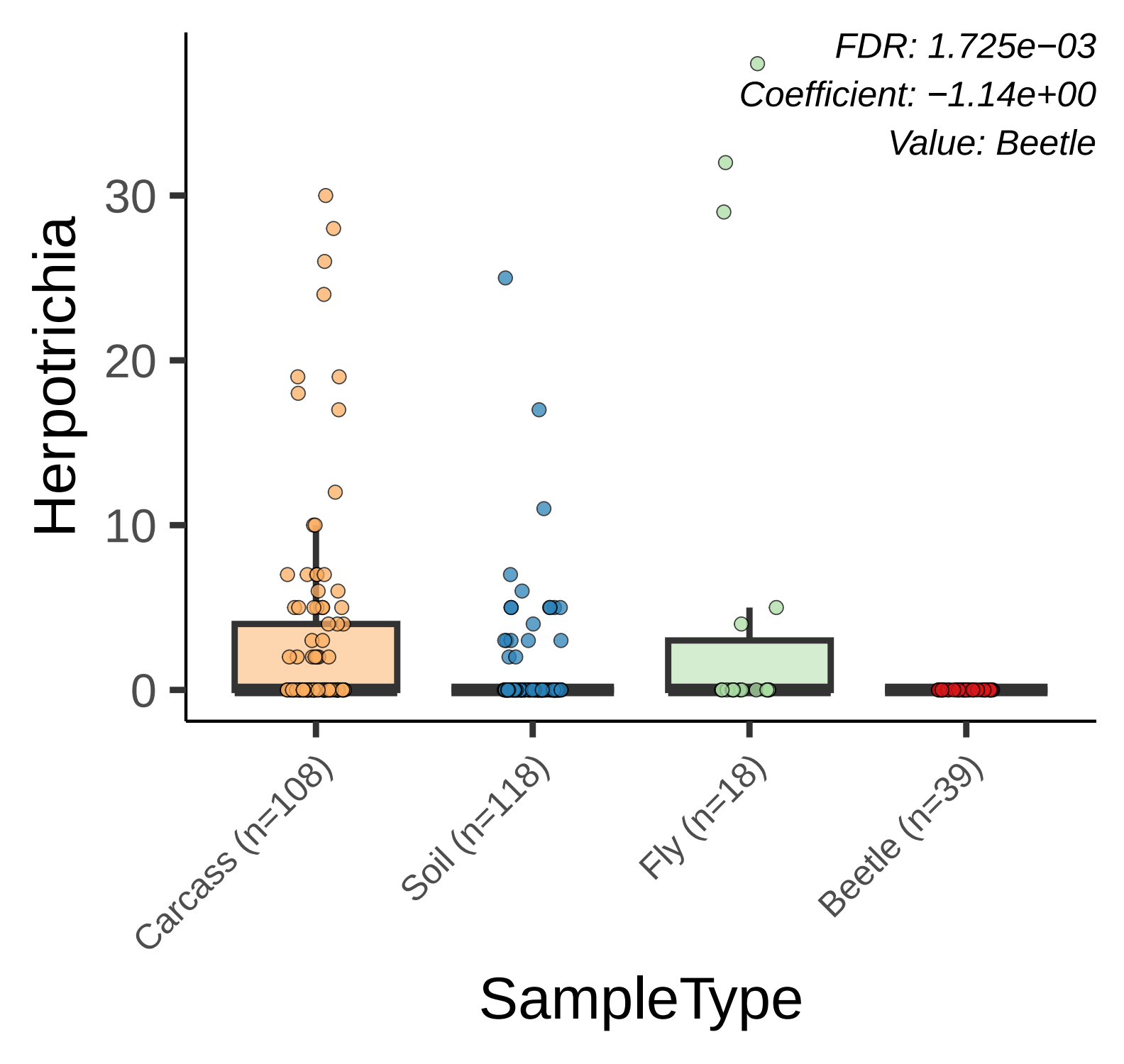

FDR: 1.584e−03
Coefficient: −1.10e+00
Value: Soil
Cystobasidiomycetes_gen_Incertae_sedis
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

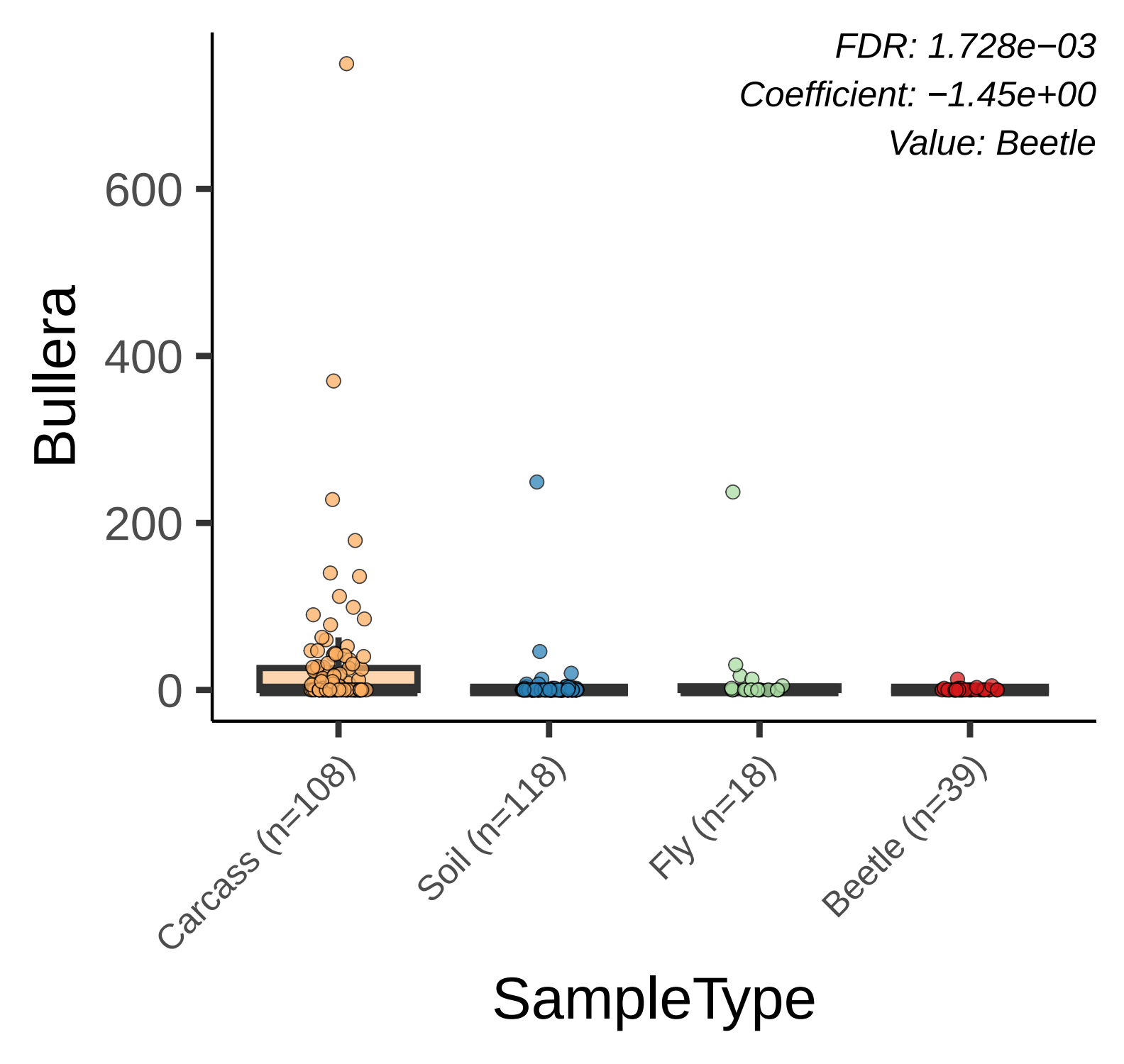

FDR: 1.614e−03
Coefficient: −1.62e+00
Value: Beetle
Clavaria
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

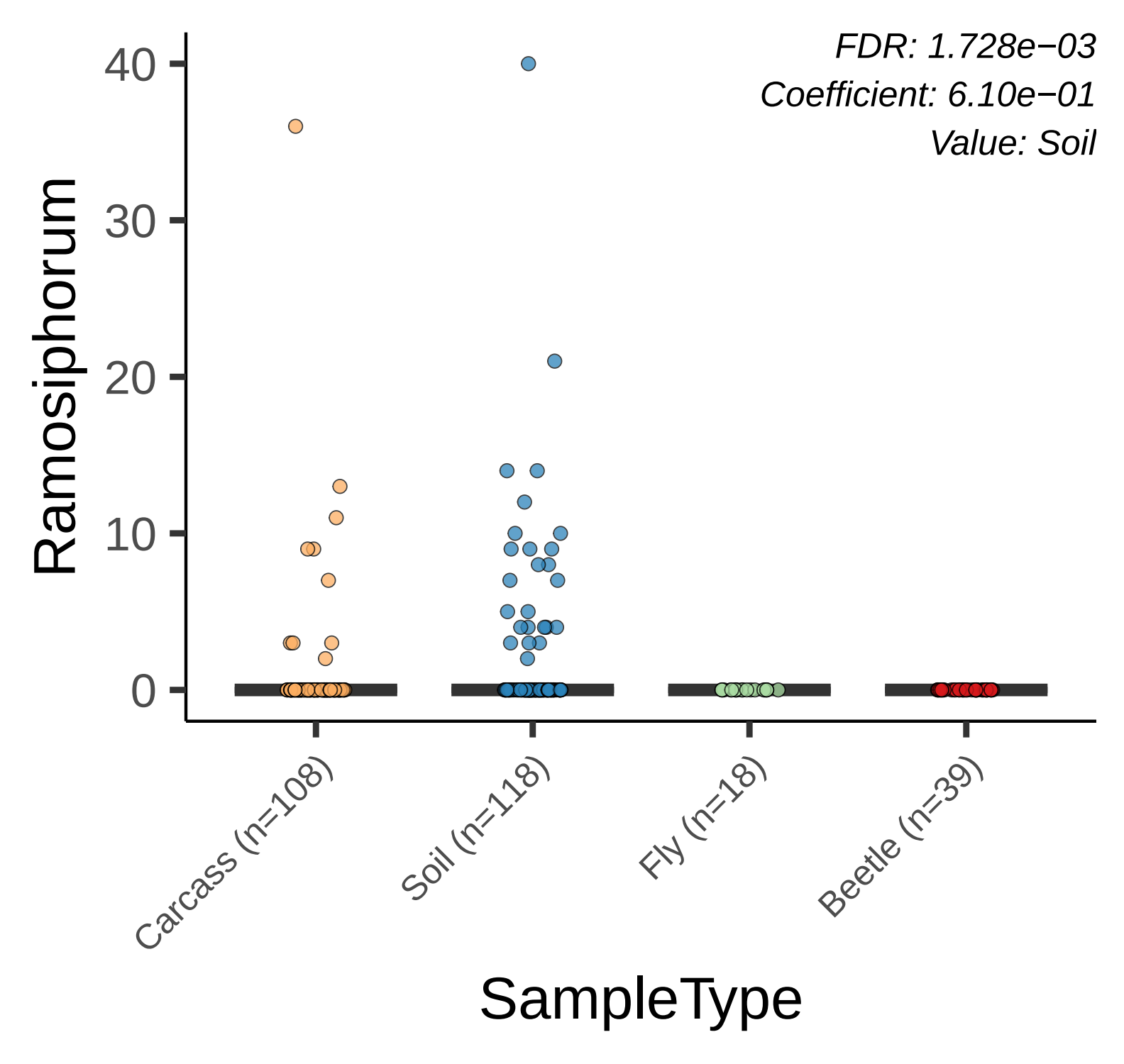

FDR: 1.626e−03
Coefficient: −1.32e+00
Value: Beetle
Rigidoporus
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

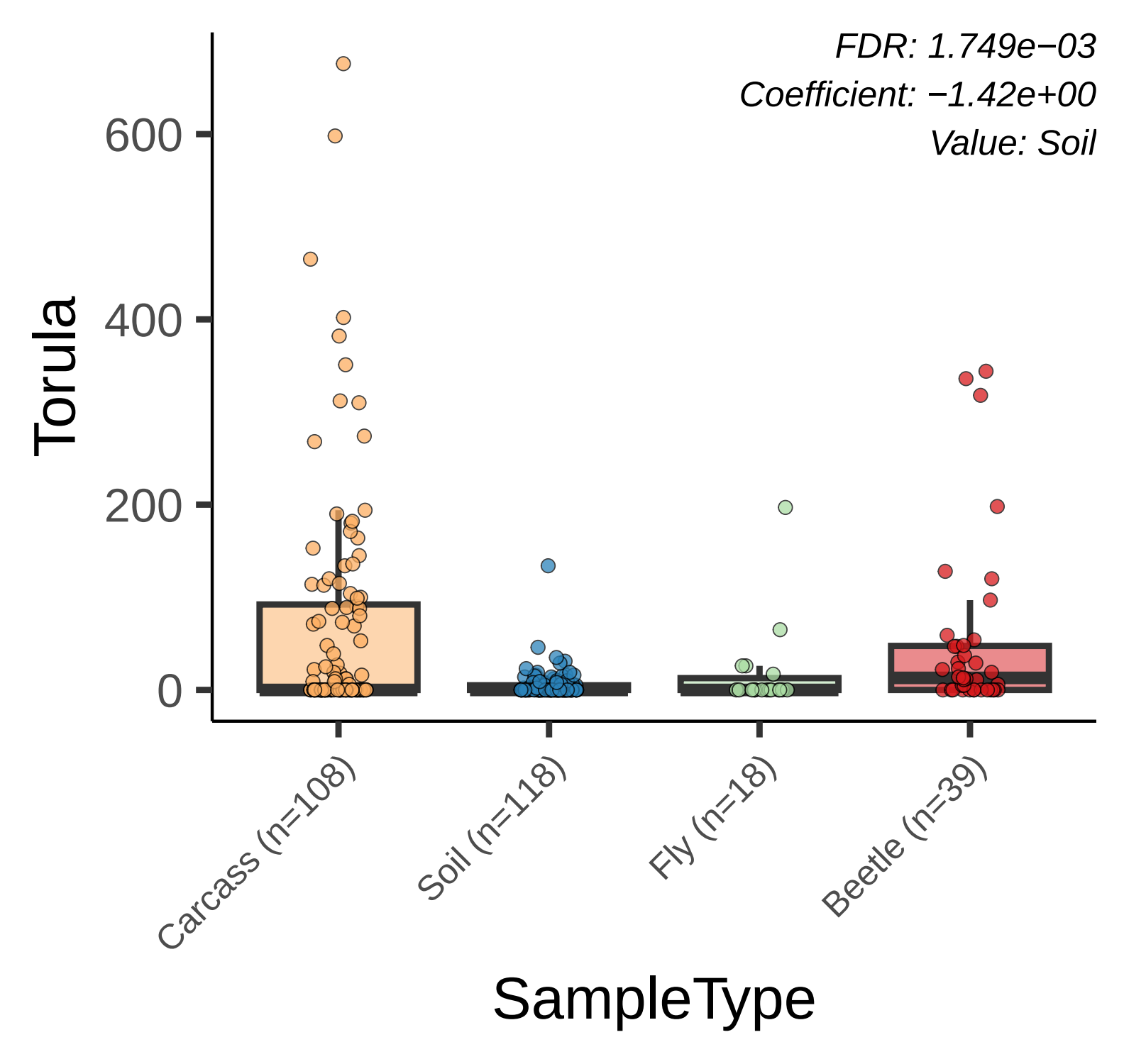

FDR: 1.690e−03
Coefficient: −1.09e+00
Value: Beetle
Xylaria
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

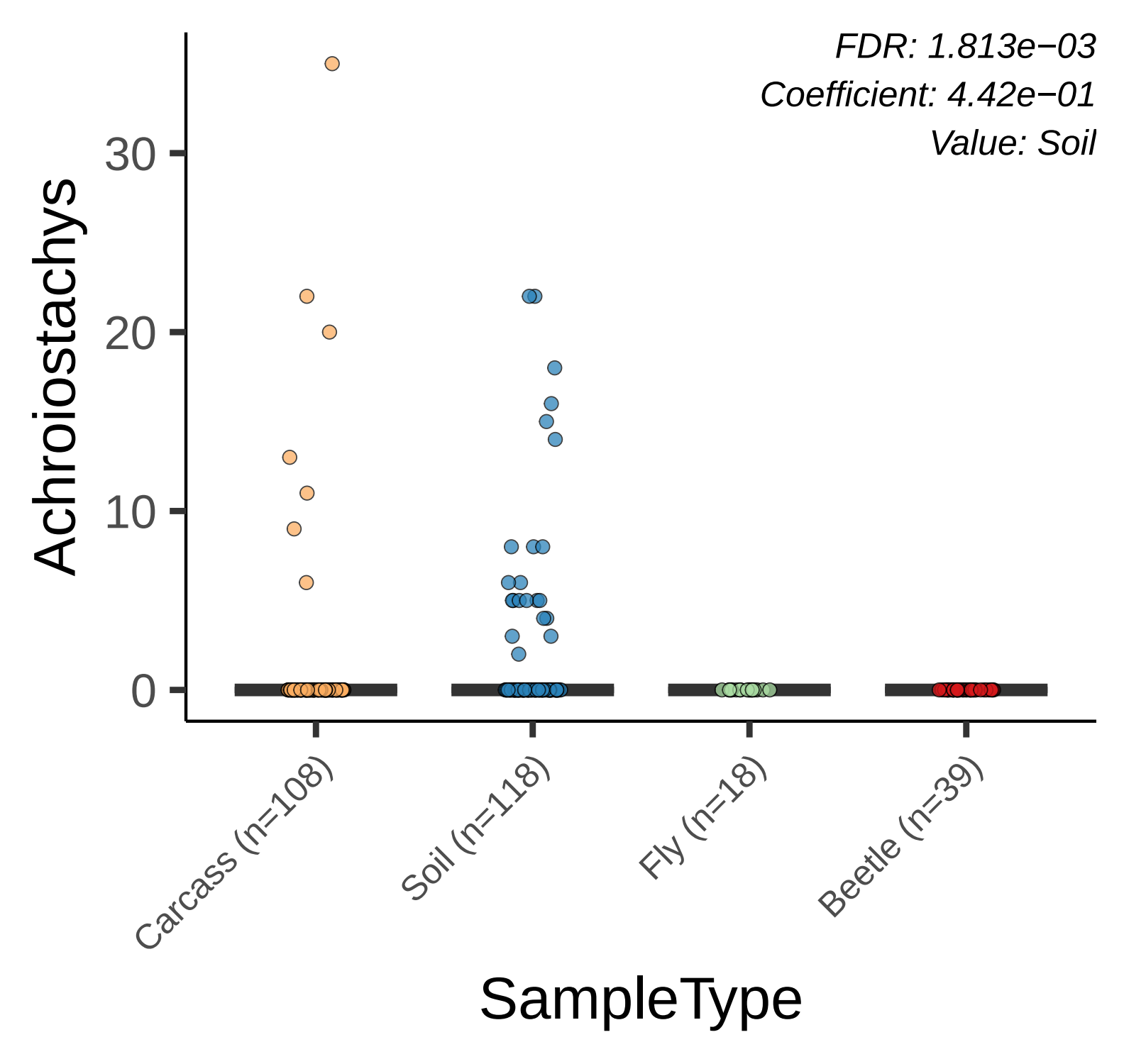

FDR: 1.713e−03
Coefficient: 8.73e−01
Value: Soil
Robillarda
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

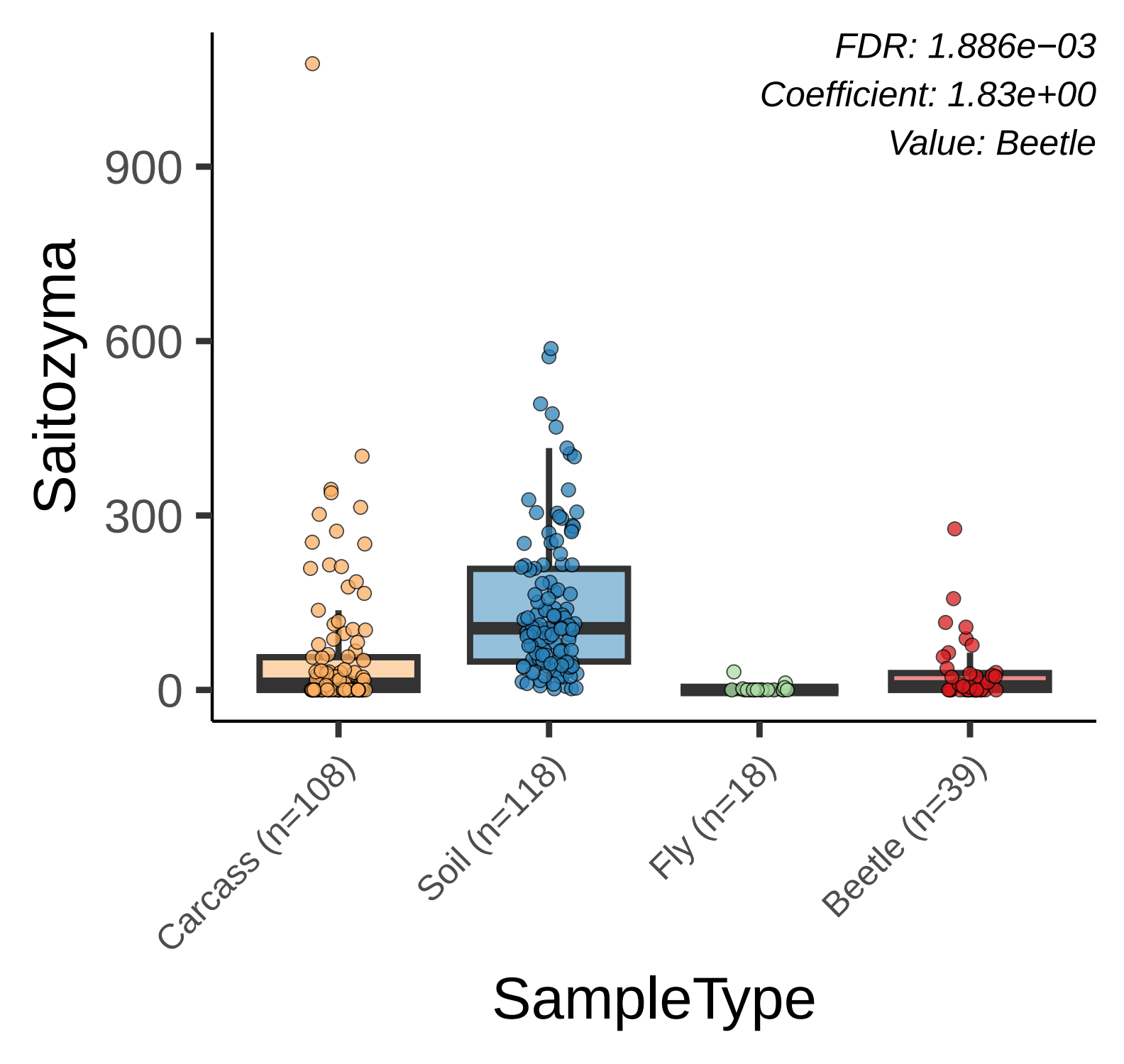

FDR: 1.725e−03
Coefficient: −1.14e+00
Value: Beetle
Herpotrichia
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

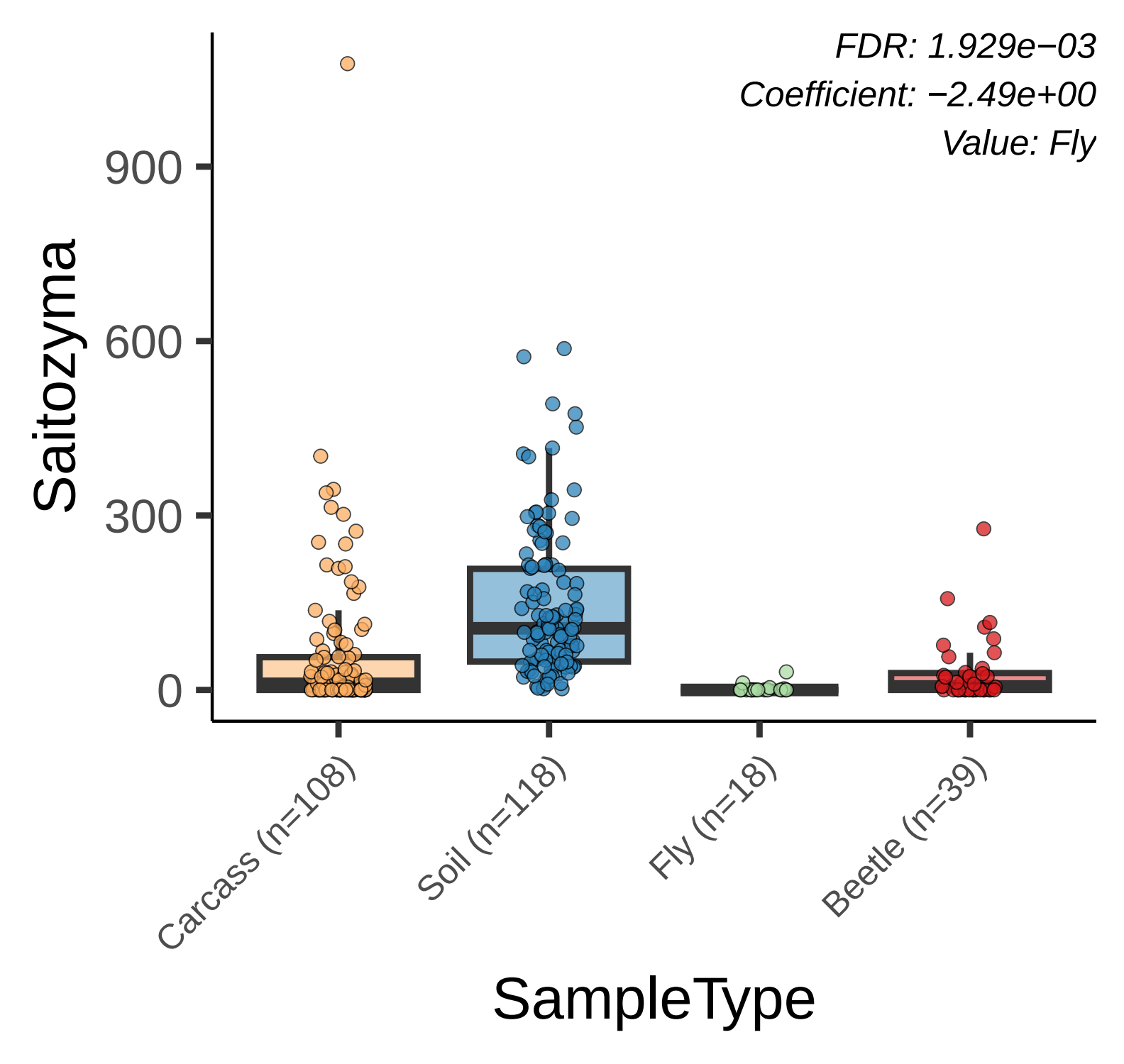

FDR: 1.728e−03
Coefficient: −1.45e+00
Value: Beetle
Bullera
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

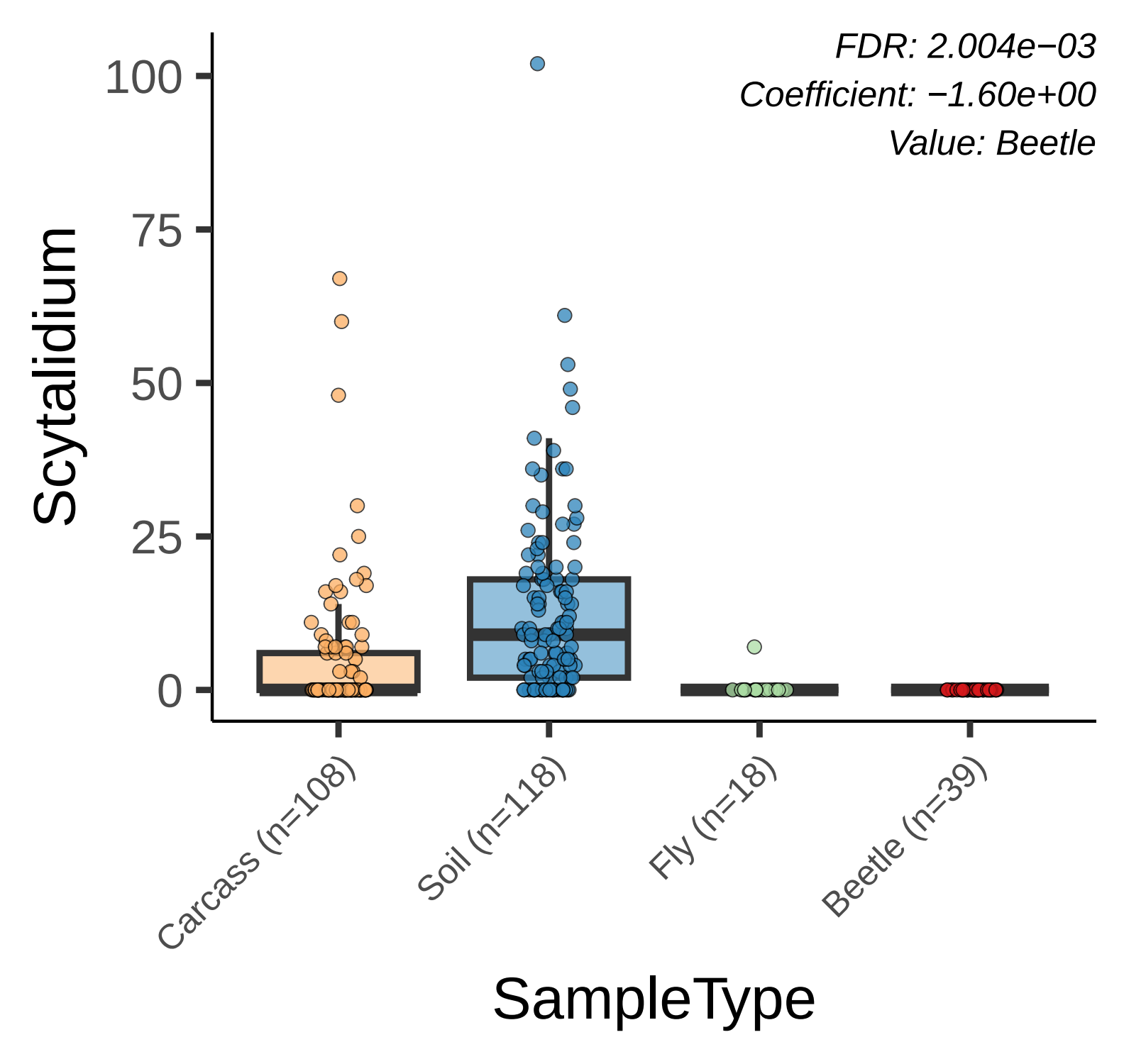

FDR: 1.728e−03
Coefficient: 6.10e−01
Value: Soil
Ramosiphorum
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

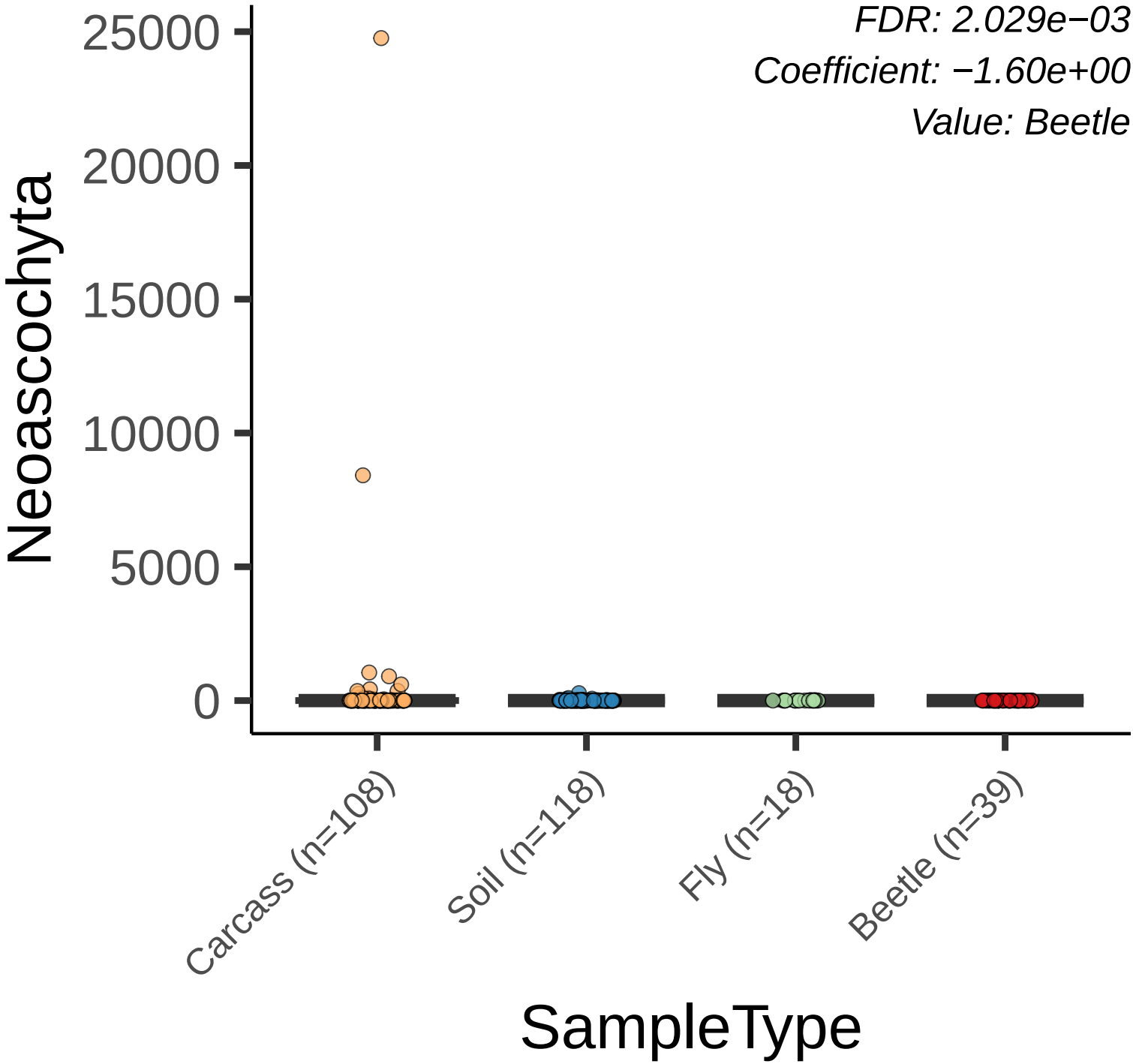

FDR: 1.749e−03
Coefficient: −1.42e+00
Value: Soil
Torula
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

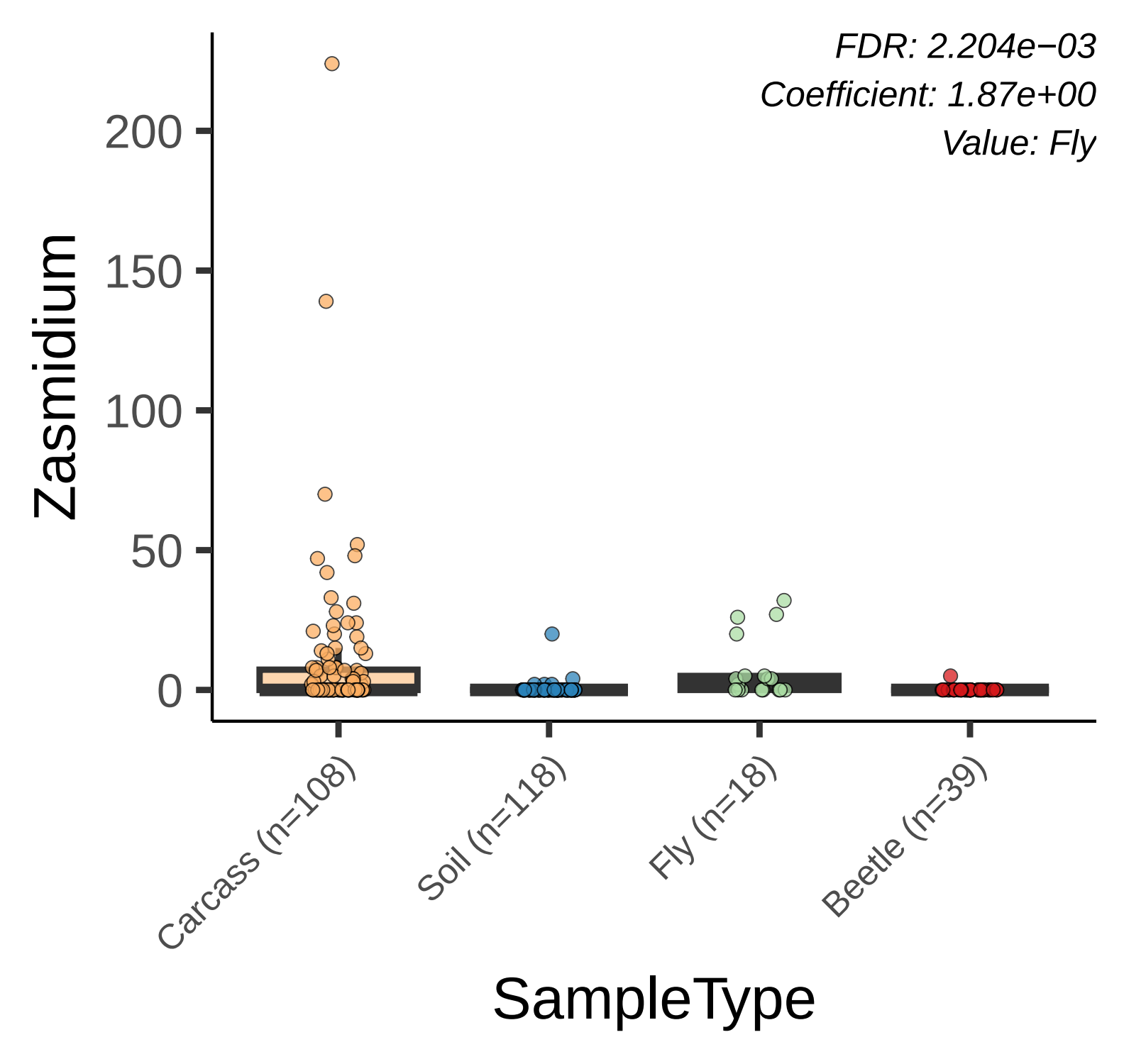

FDR: 1.813e−03
Coefficient: 4.42e−01
Value: Soil
Achroiostachys
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

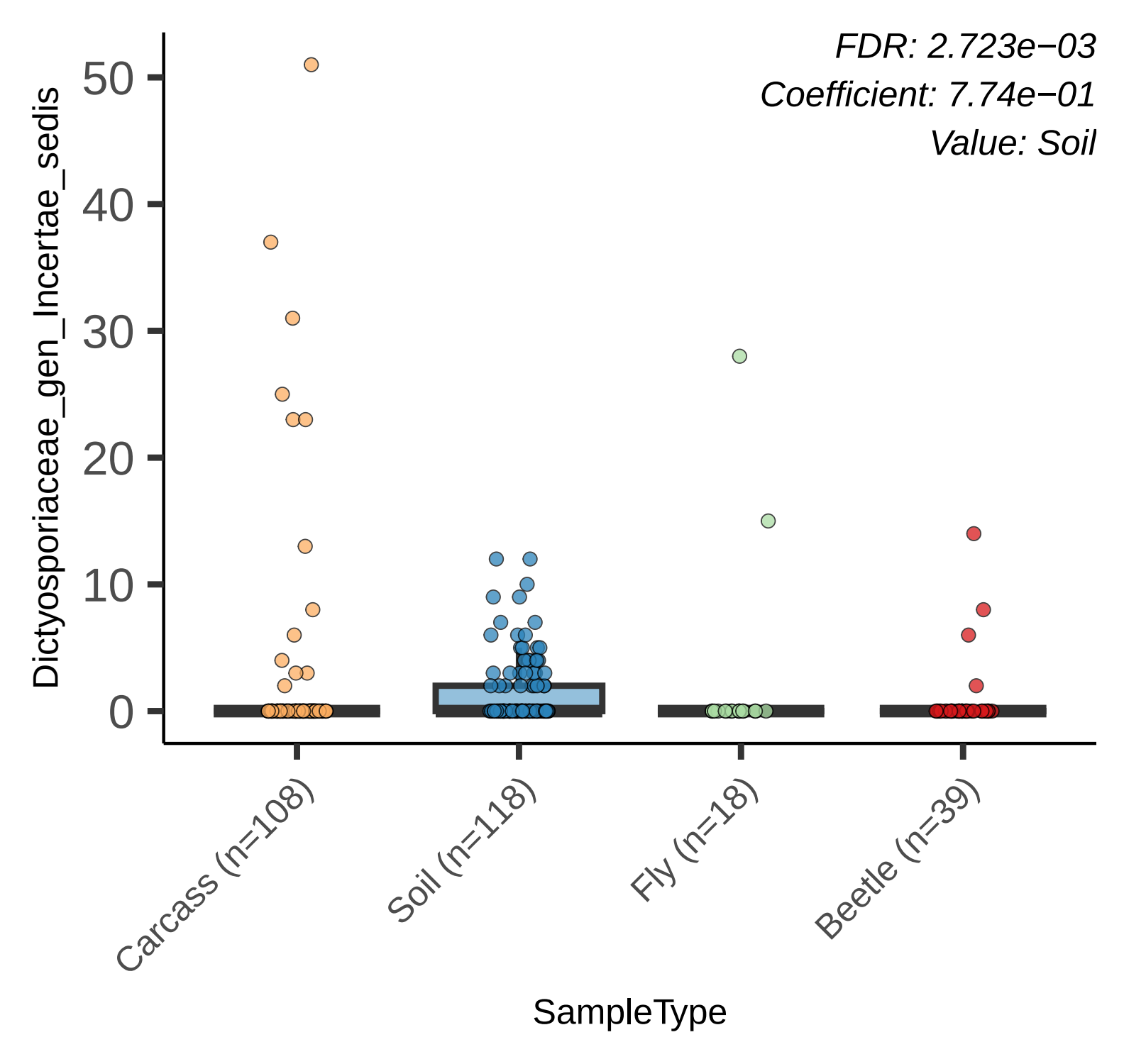

FDR: 1.886e−03
Coefficient: 1.83e+00
Value: Beetle
Saitozyma
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

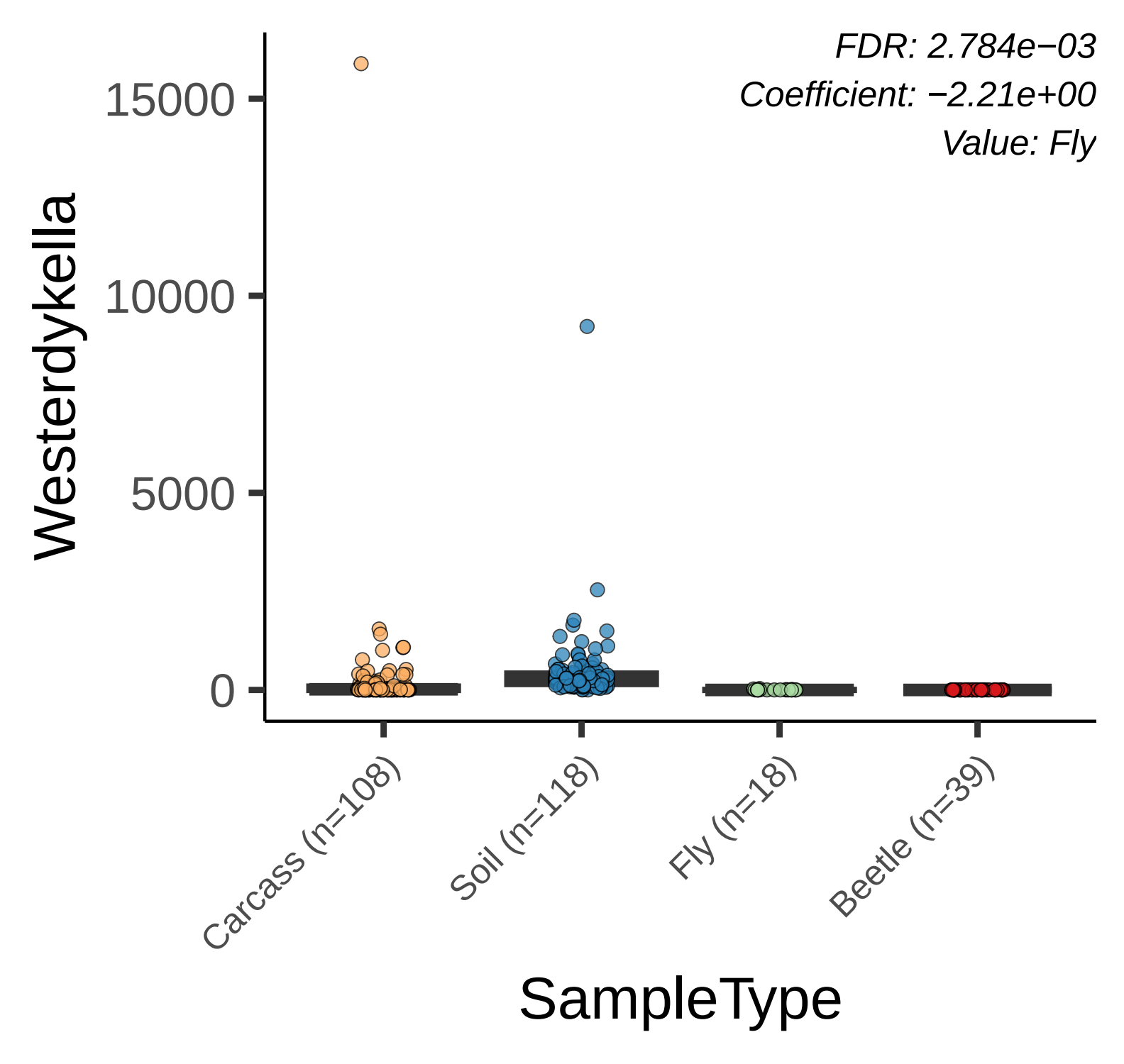

FDR: 1.929e−03
Coefficient: −2.49e+00
Value: Fly
Saitozyma
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

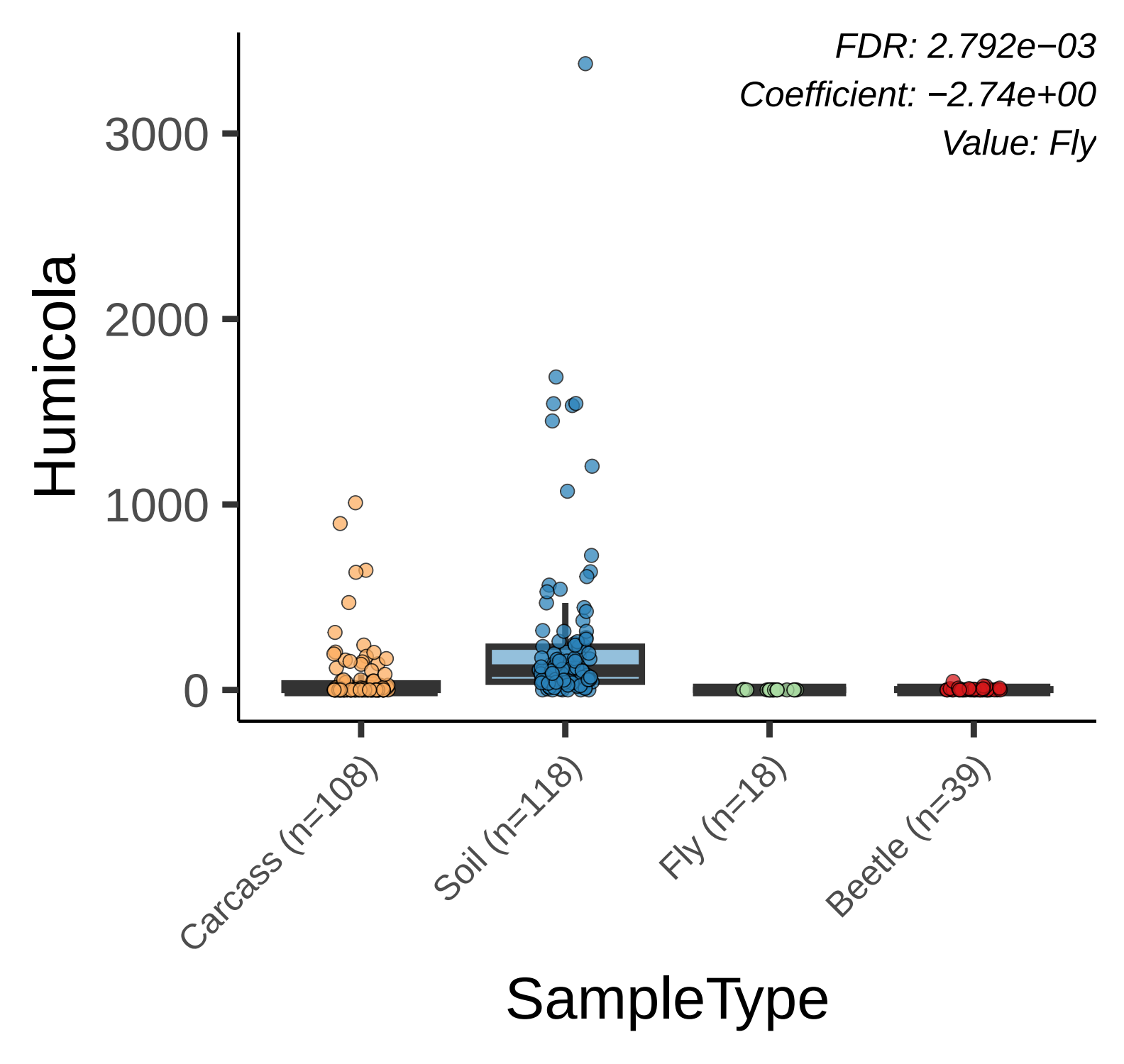

FDR: 2.004e−03
Coefficient: −1.60e+00
Value: Beetle
Scytalidium
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

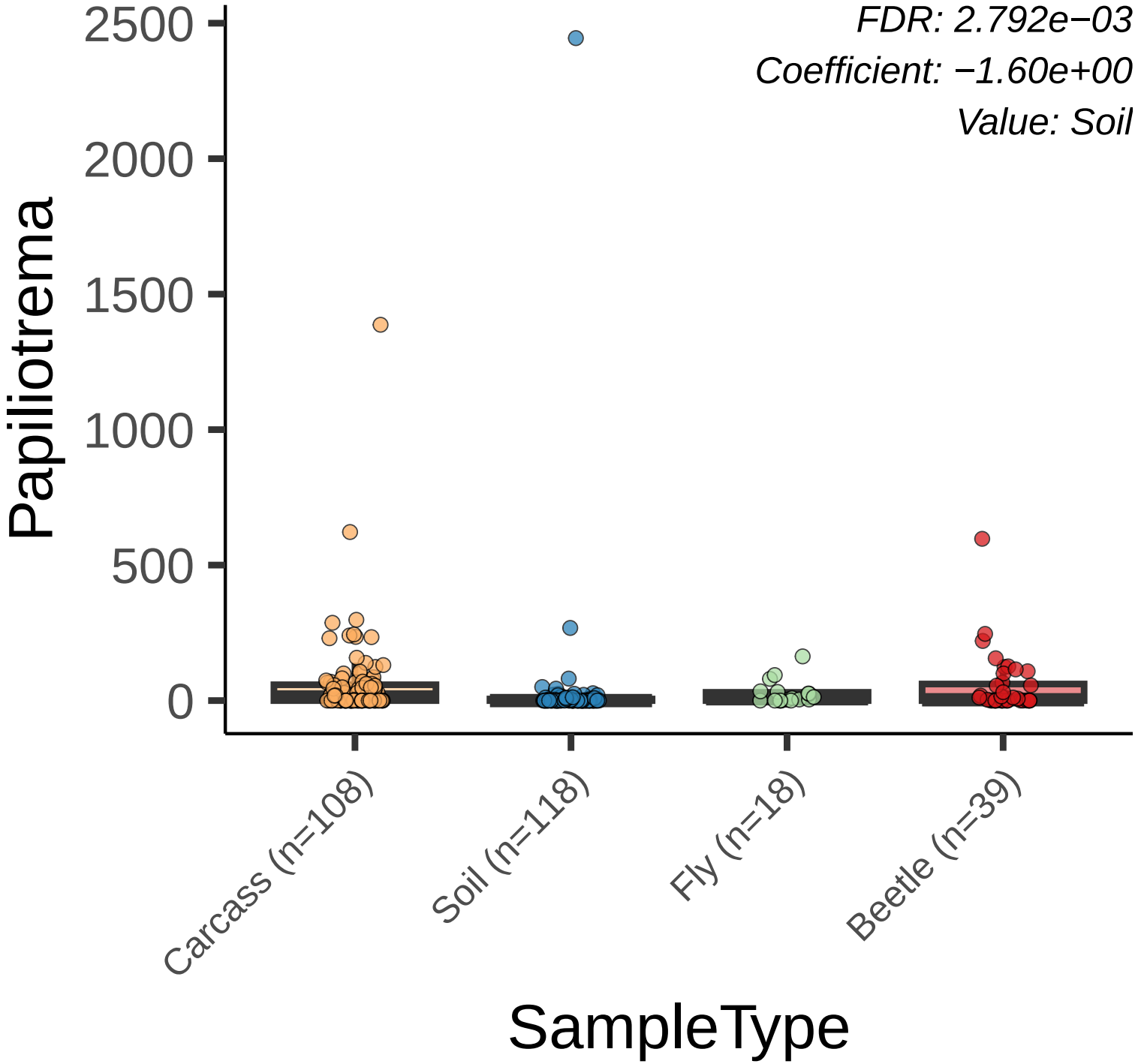

FDR: 2.029e−03
Coefficient: −1.60e+00
Value: Beetle
Neoascochyta
25000
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

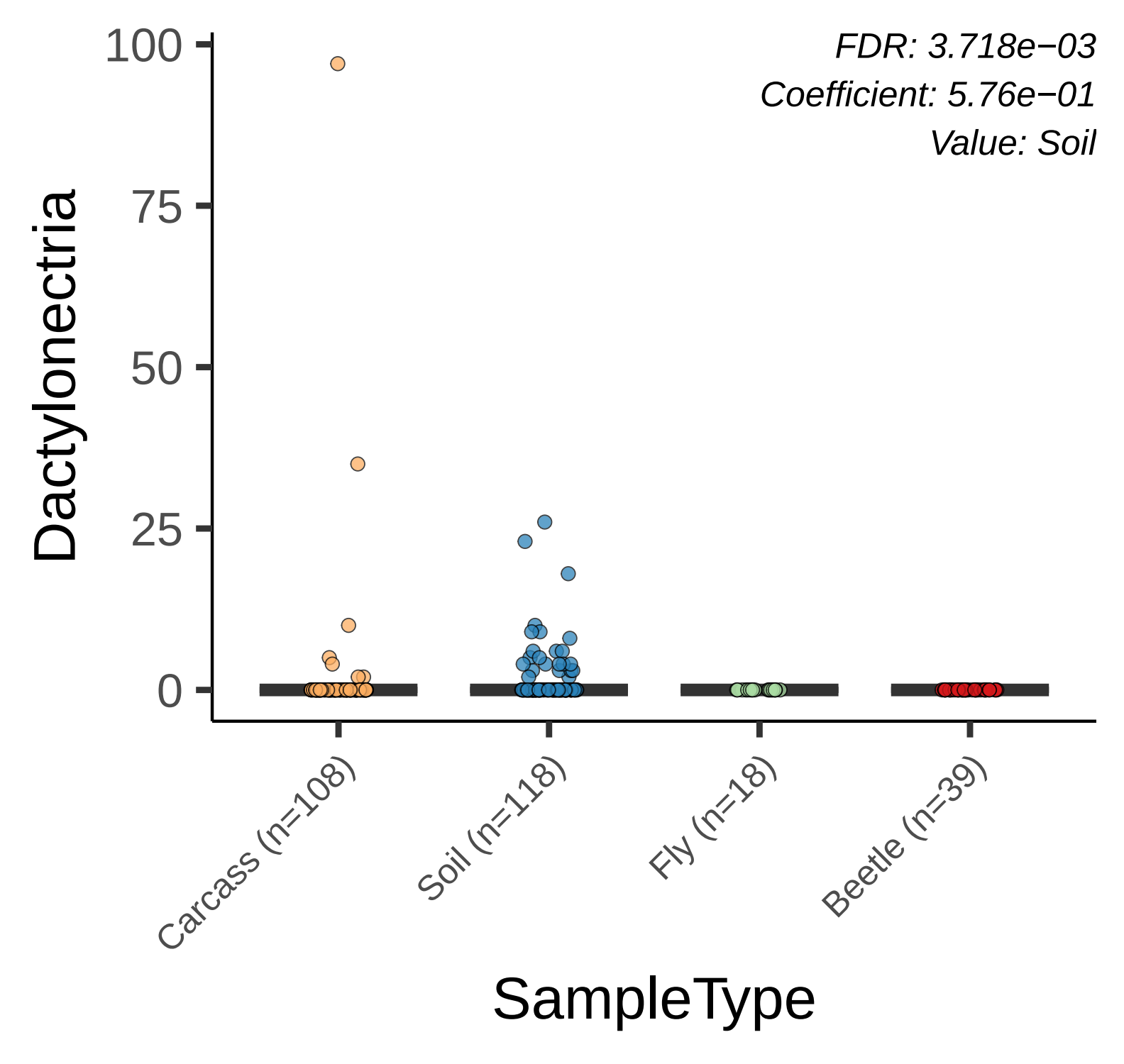

FDR: 2.204e−03
Coefficient: 1.87e+00
Value: Fly
Zasmidium
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

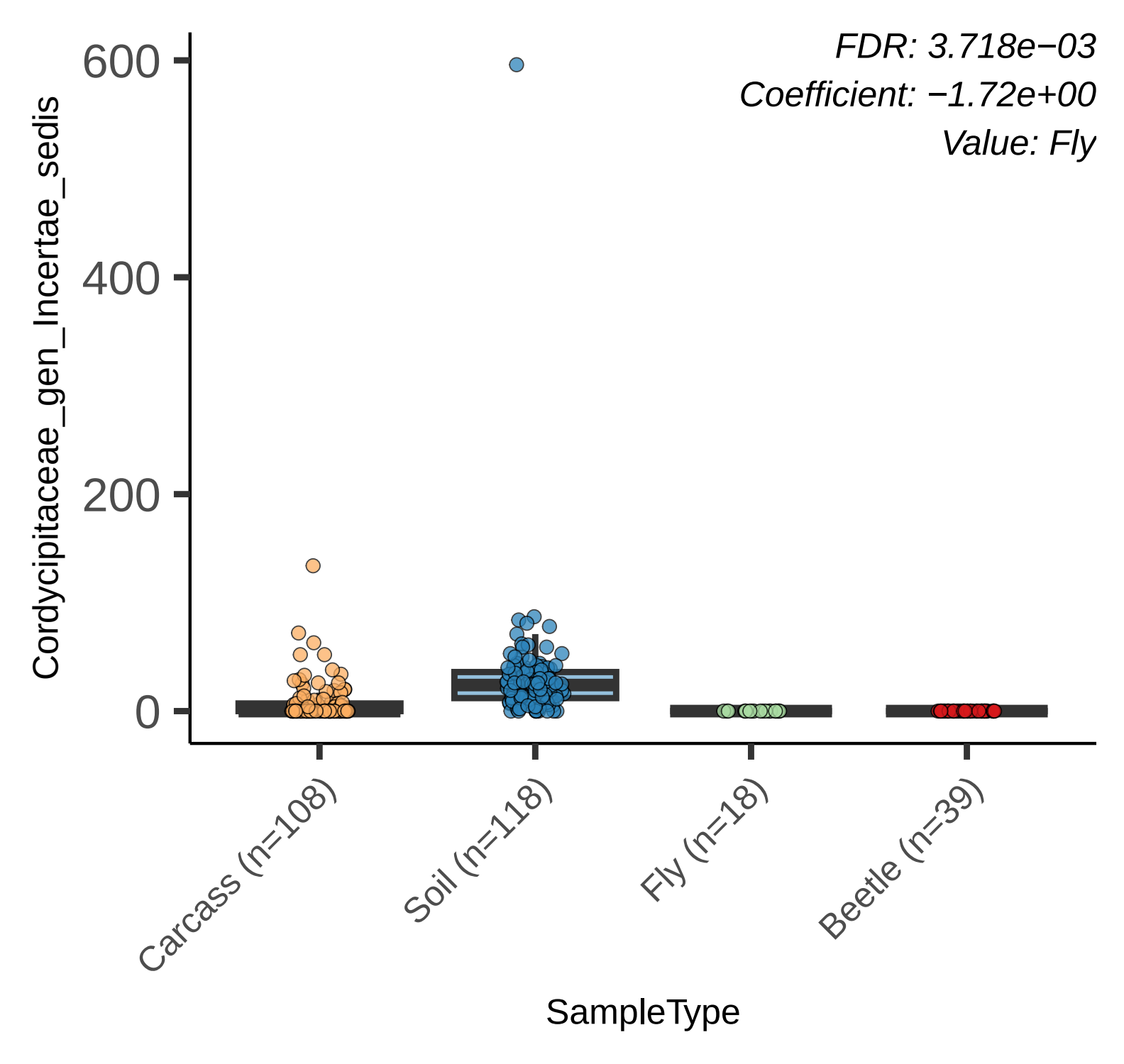

FDR: 2.723e−03
Coefficient: 7.74e−01
Value: Soil
Dictyosporiaceae_gen_Incertae_sedis
50
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

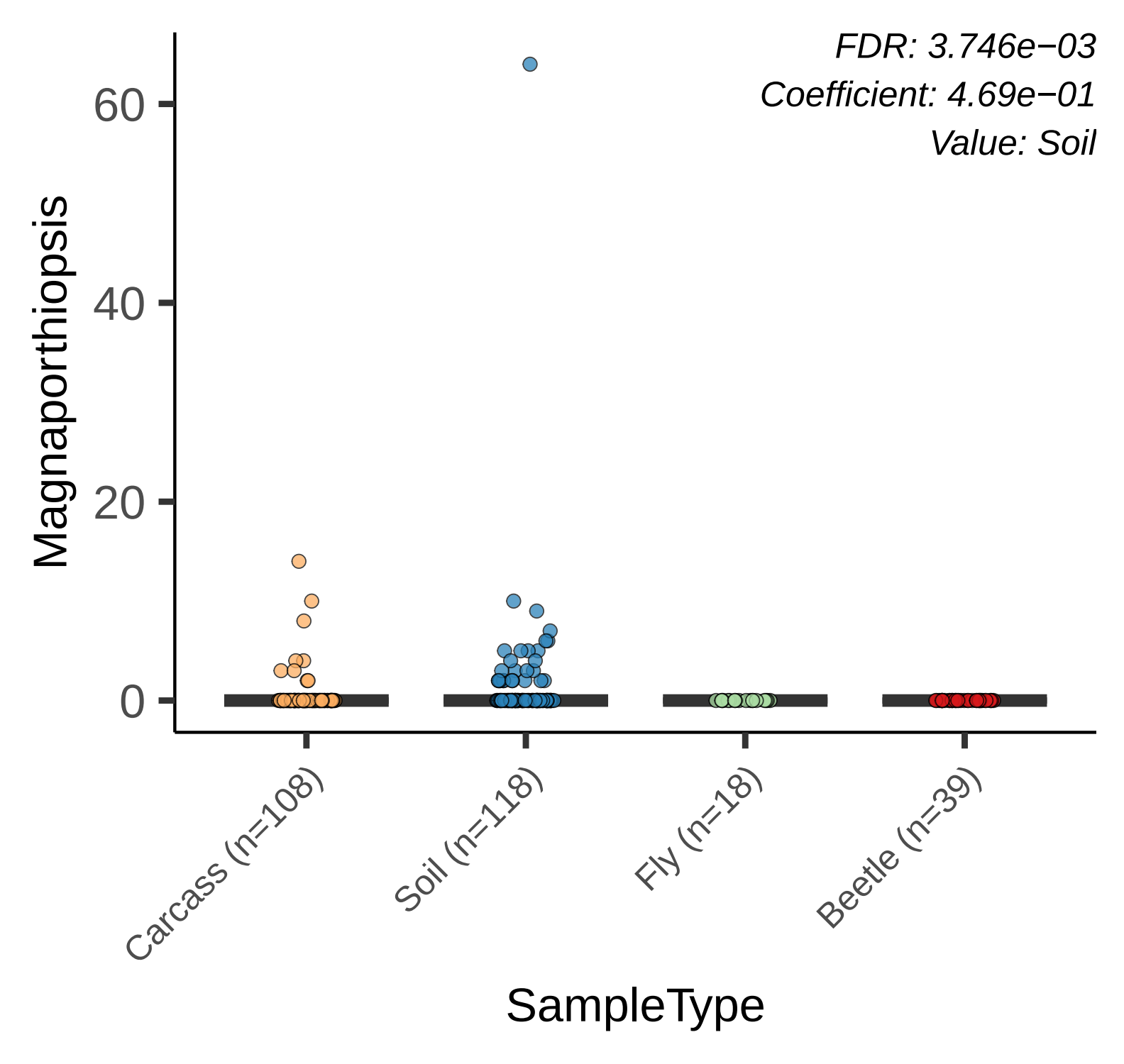

FDR: 2.784e−03
Coefficient: −2.21e+00
Value: Fly
Westerdykella
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

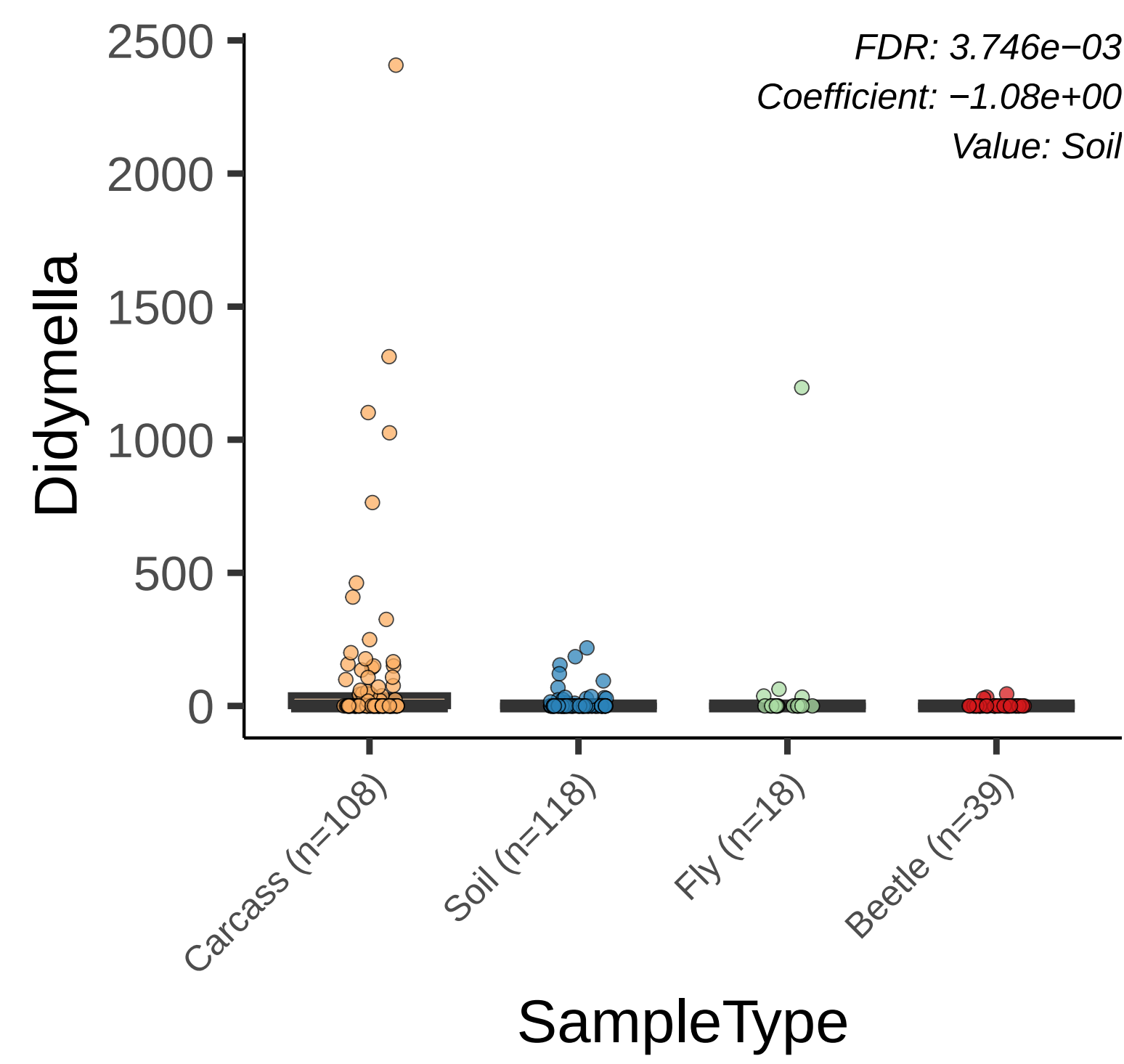

FDR: 2.792e−03
Coefficient: −2.74e+00
Value: Fly
Humicola
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

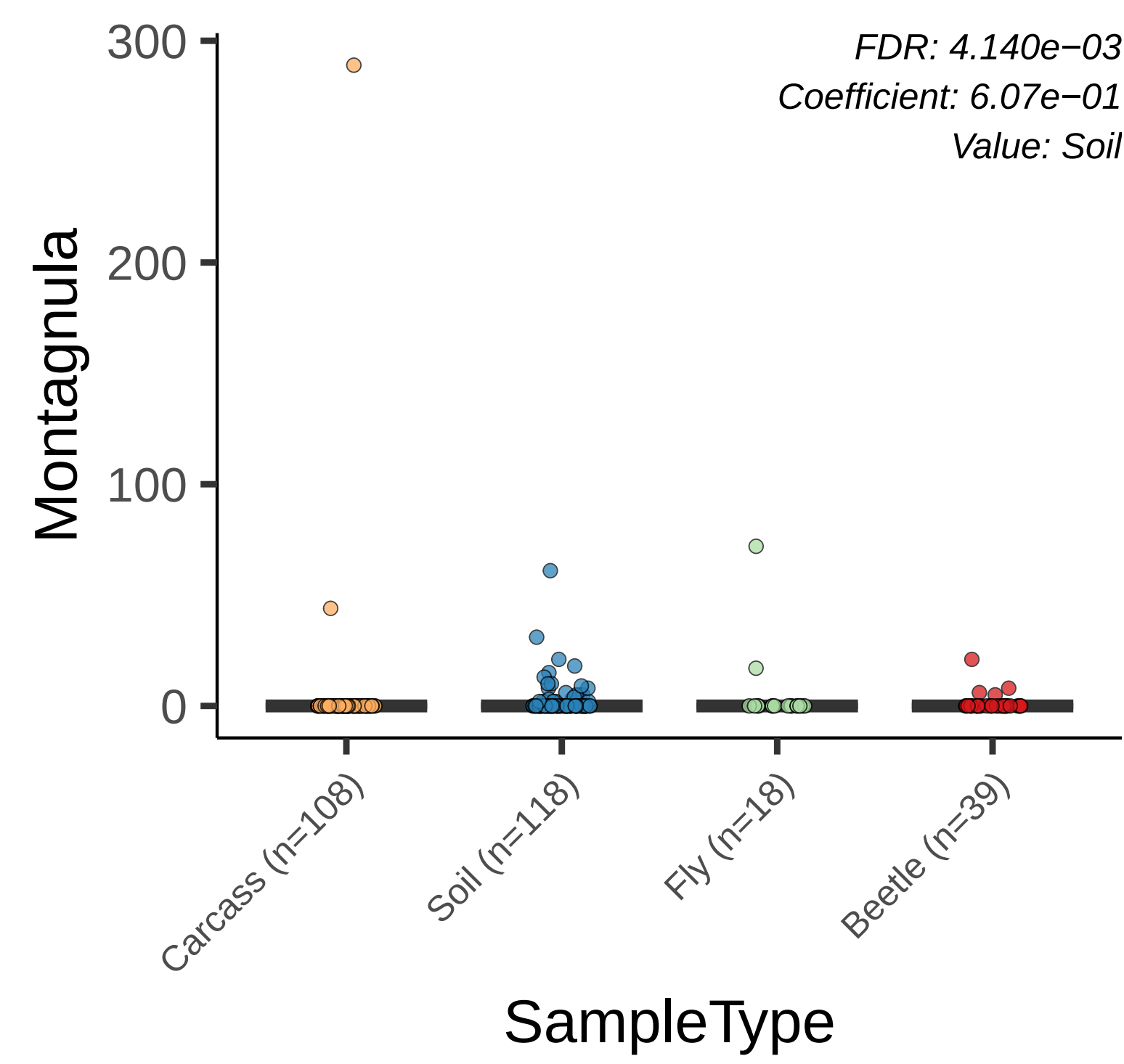

FDR: 2.792e−03
Coefficient: −1.60e+00
Value: Soil
Papiliotrema
2500
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

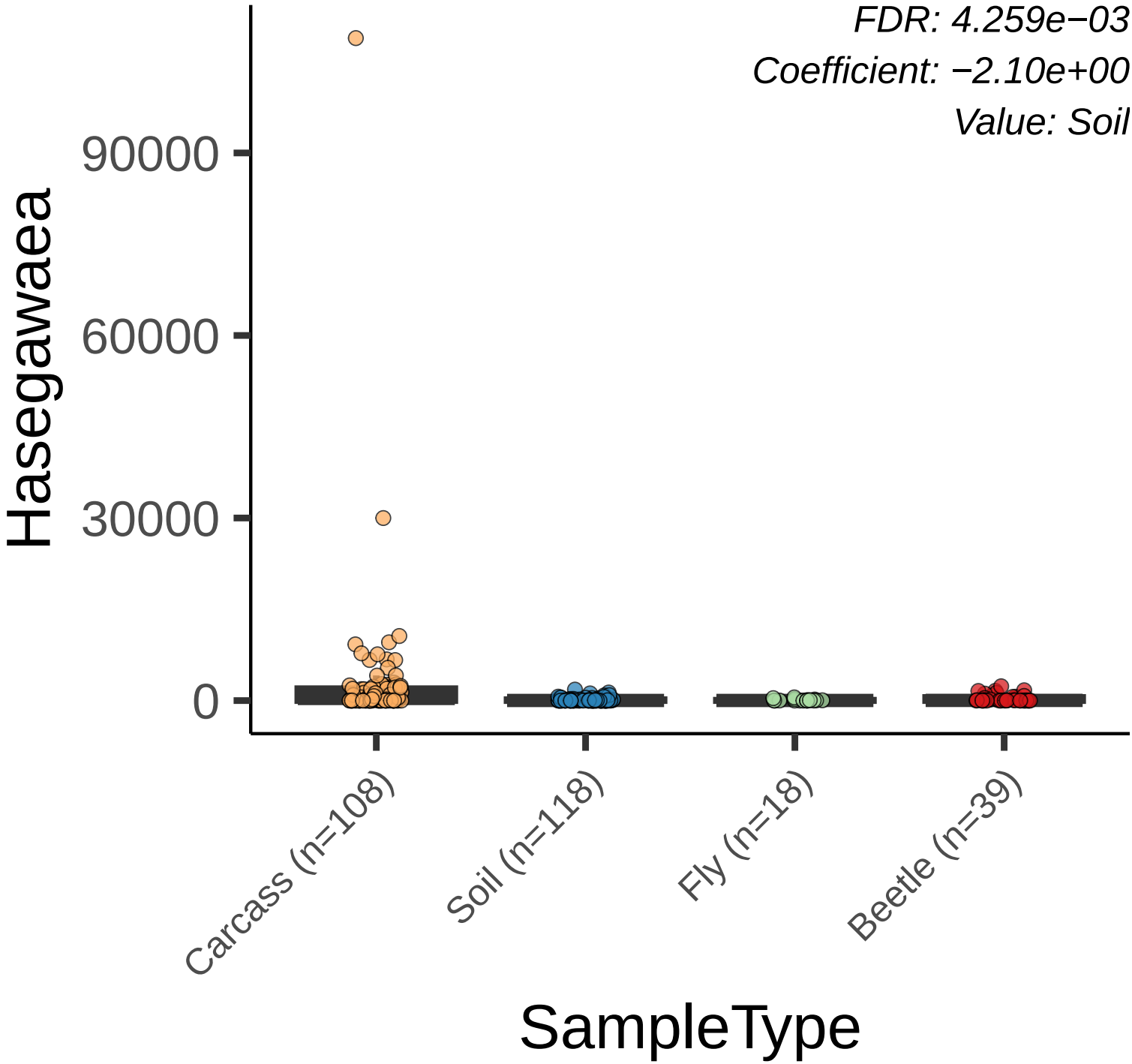

FDR: 3.718e−03
Coefficient: 5.76e−01
Value: Soil
Dactylonectria
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

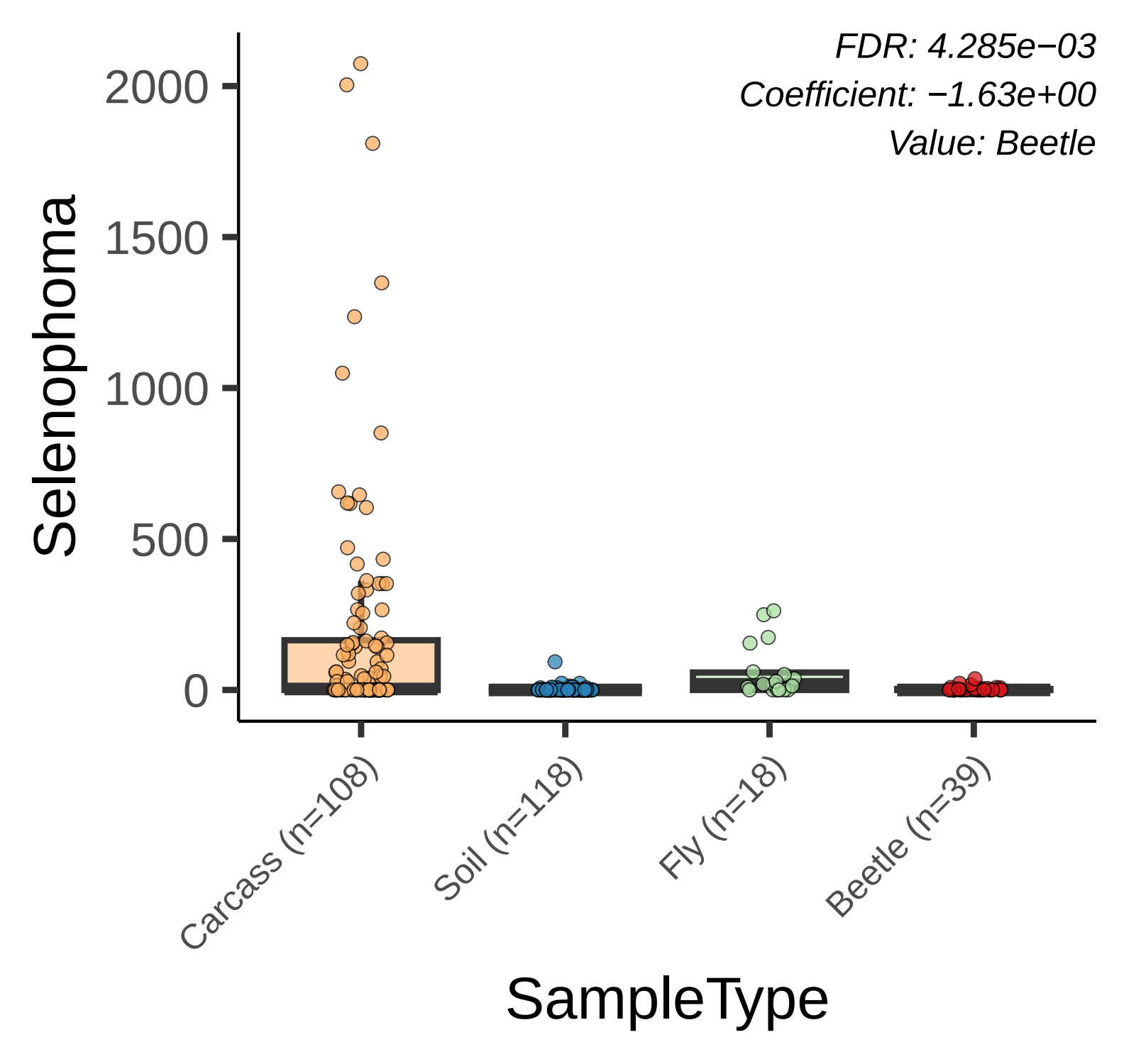

FDR: 3.718e−03
Coefficient: −1.72e+00
Value: Fly
Cordycipitaceae_gen_Incertae_sedis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

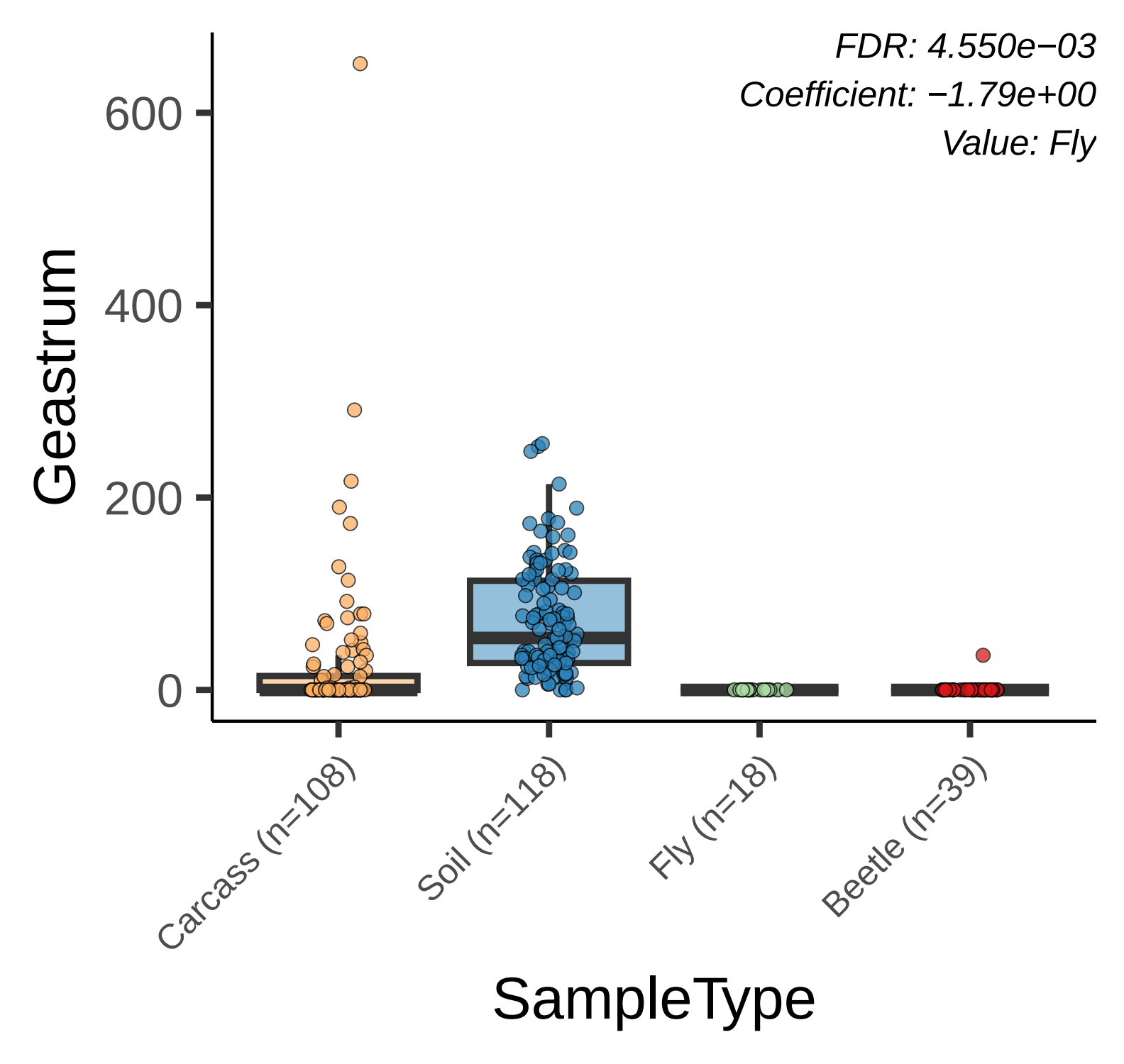

FDR: 3.746e−03
Coefficient: 4.69e−01
Value: Soil
Magnaporthiopsis
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

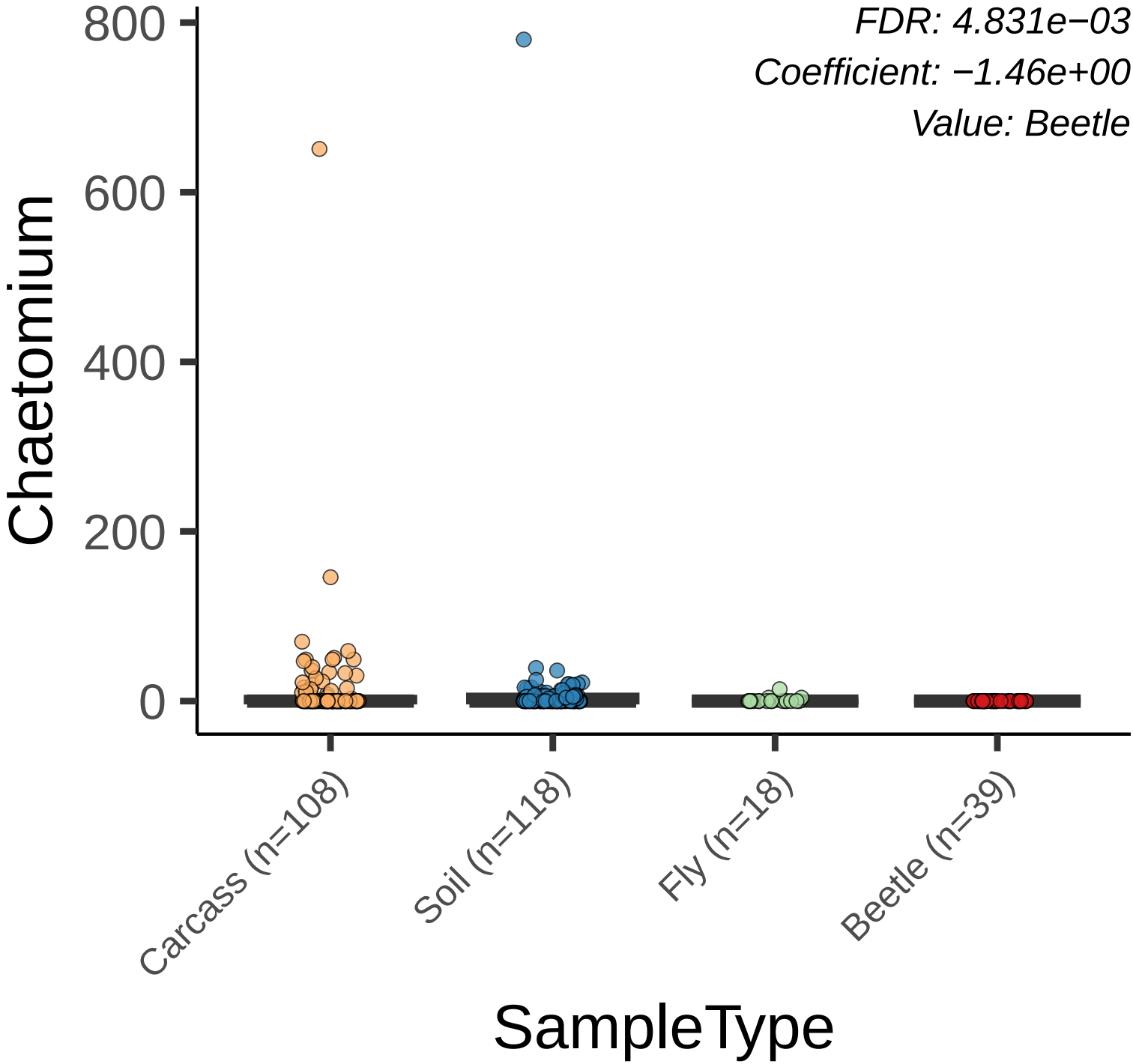

FDR: 3.746e−03
Coefficient: −1.08e+00
Value: Soil
Didymella
2500
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

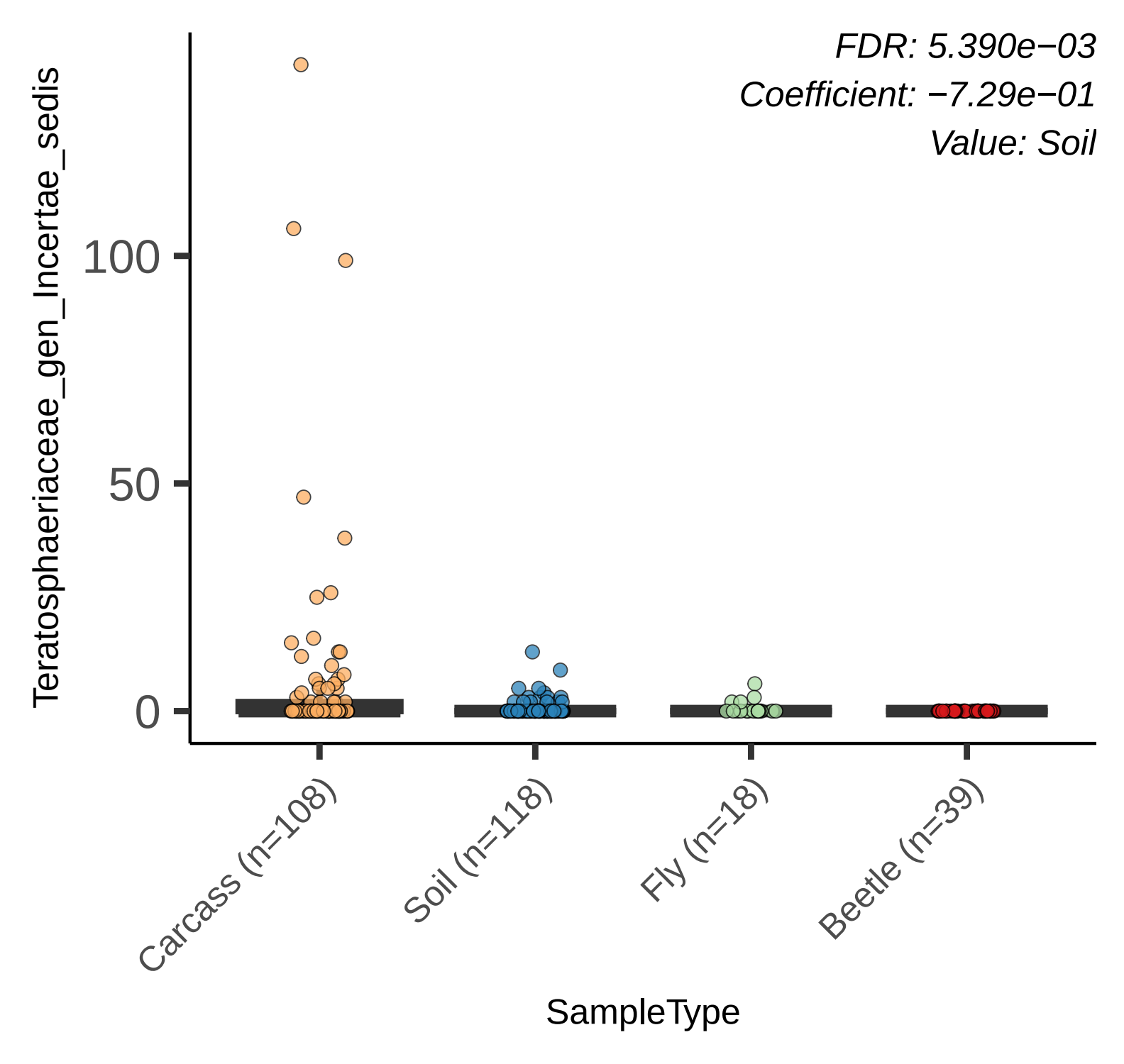

FDR: 4.140e−03
Coefficient: 6.07e−01
Value: Soil
Montagnula
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

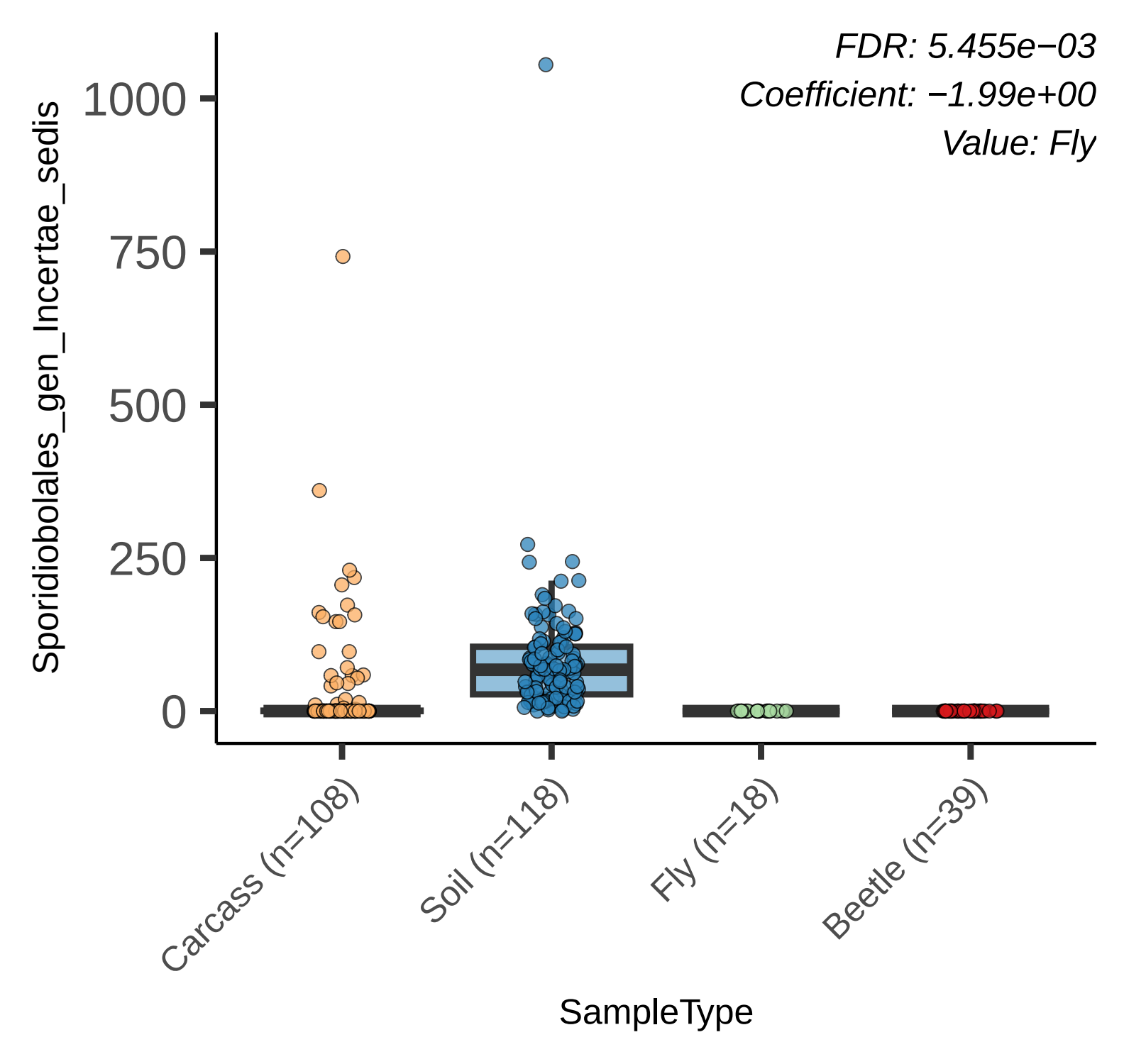

FDR: 4.259e−03
Coefficient: −2.10e+00
Value: Soil
Hasegawaea
90000
60000
30000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

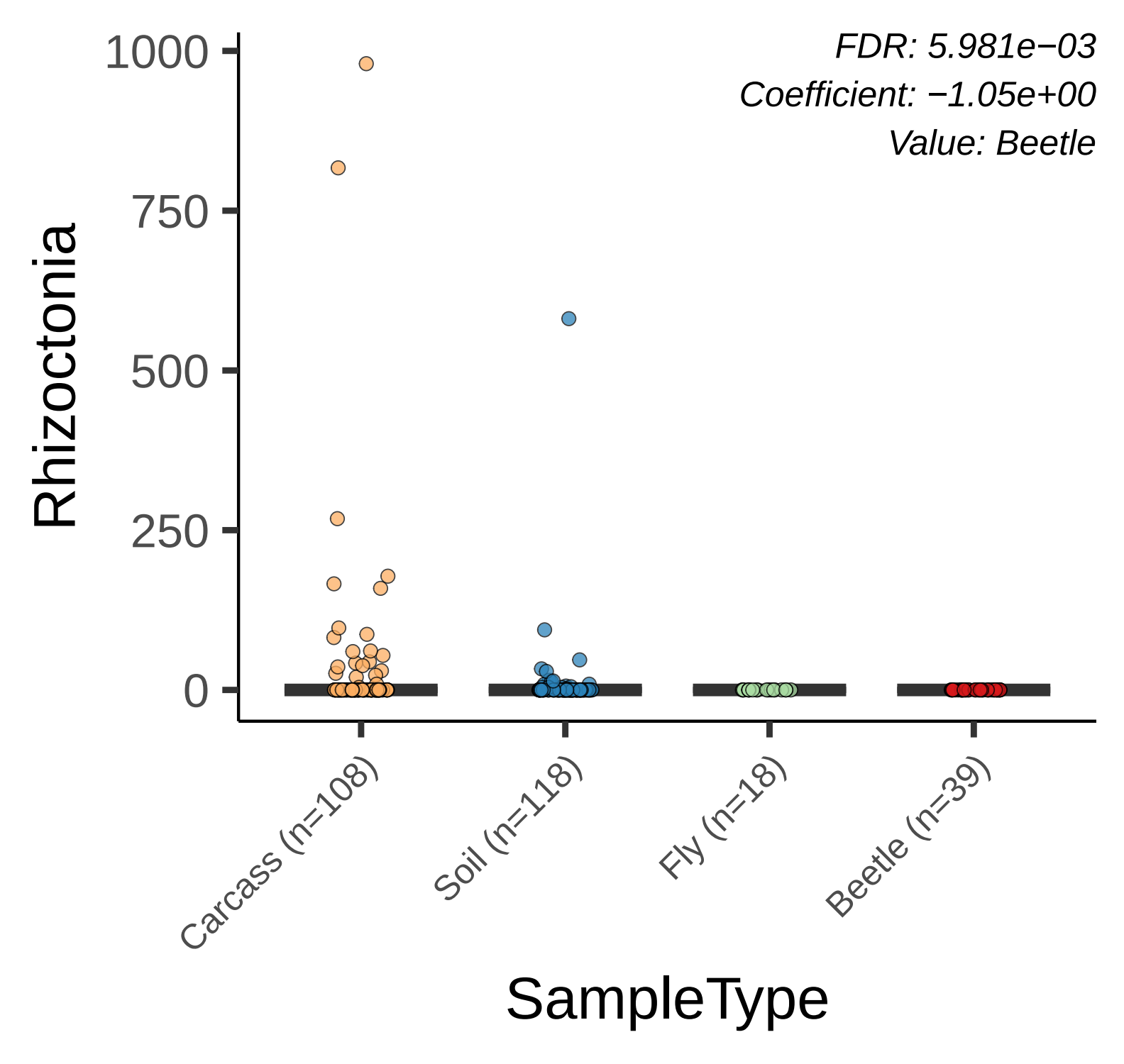

FDR: 4.285e−03
Coefficient: −1.63e+00
Value: Beetle
Selenophoma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

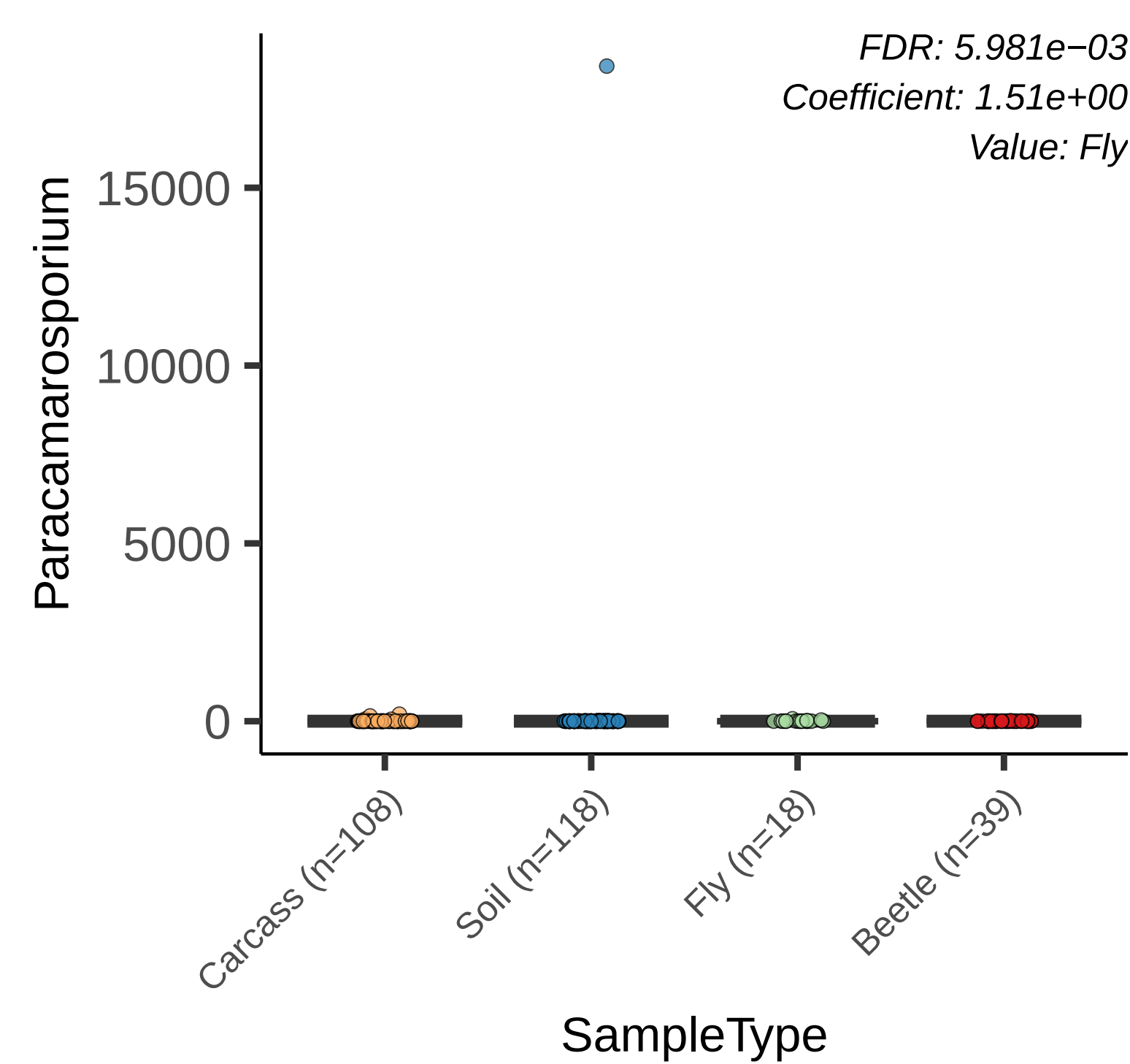

FDR: 4.550e−03
Coefficient: −1.79e+00
Value: Fly
Geastrum
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

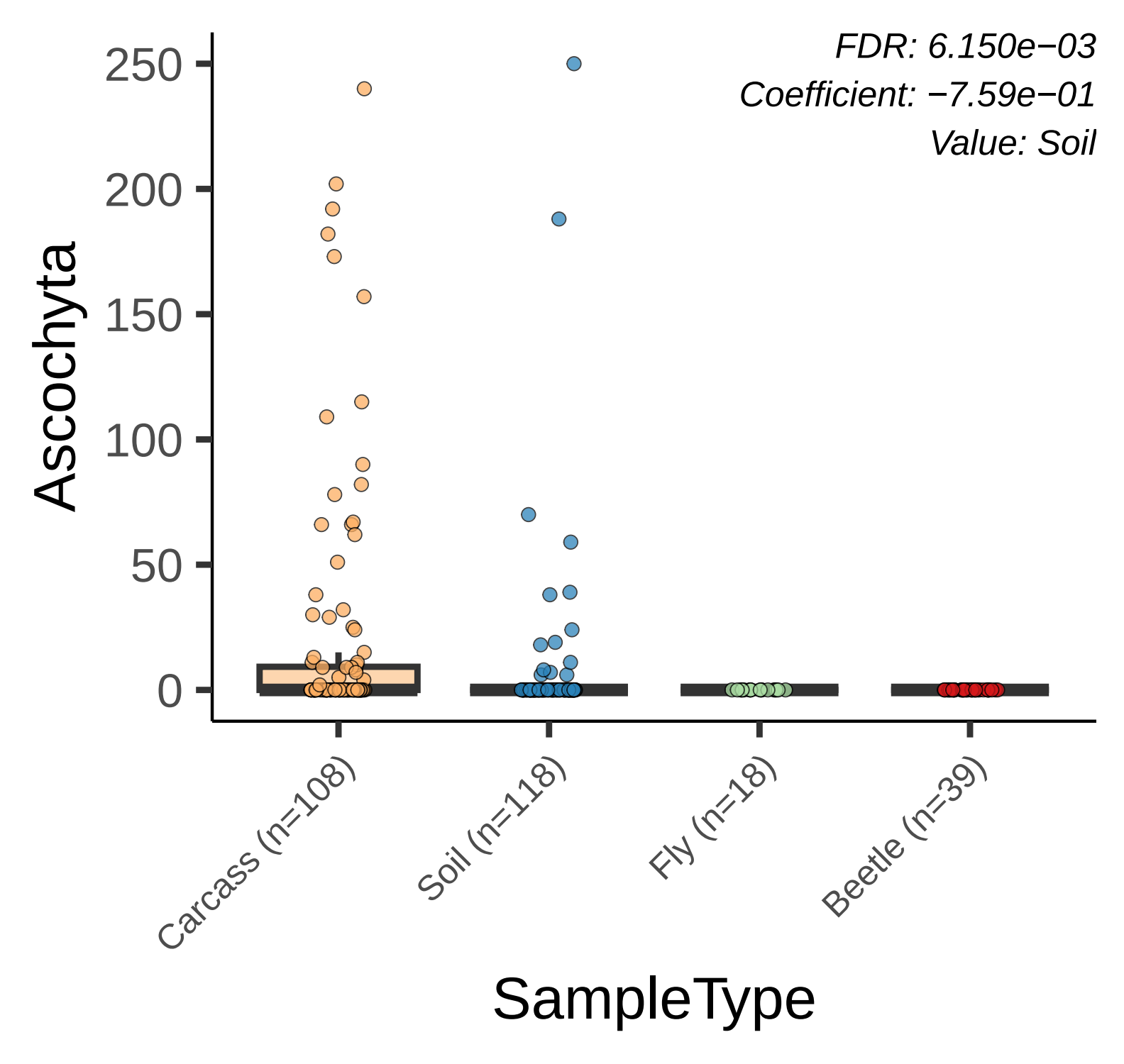

FDR: 4.831e−03
Coefficient: −1.46e+00
Value: Beetle
Chaetomium
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

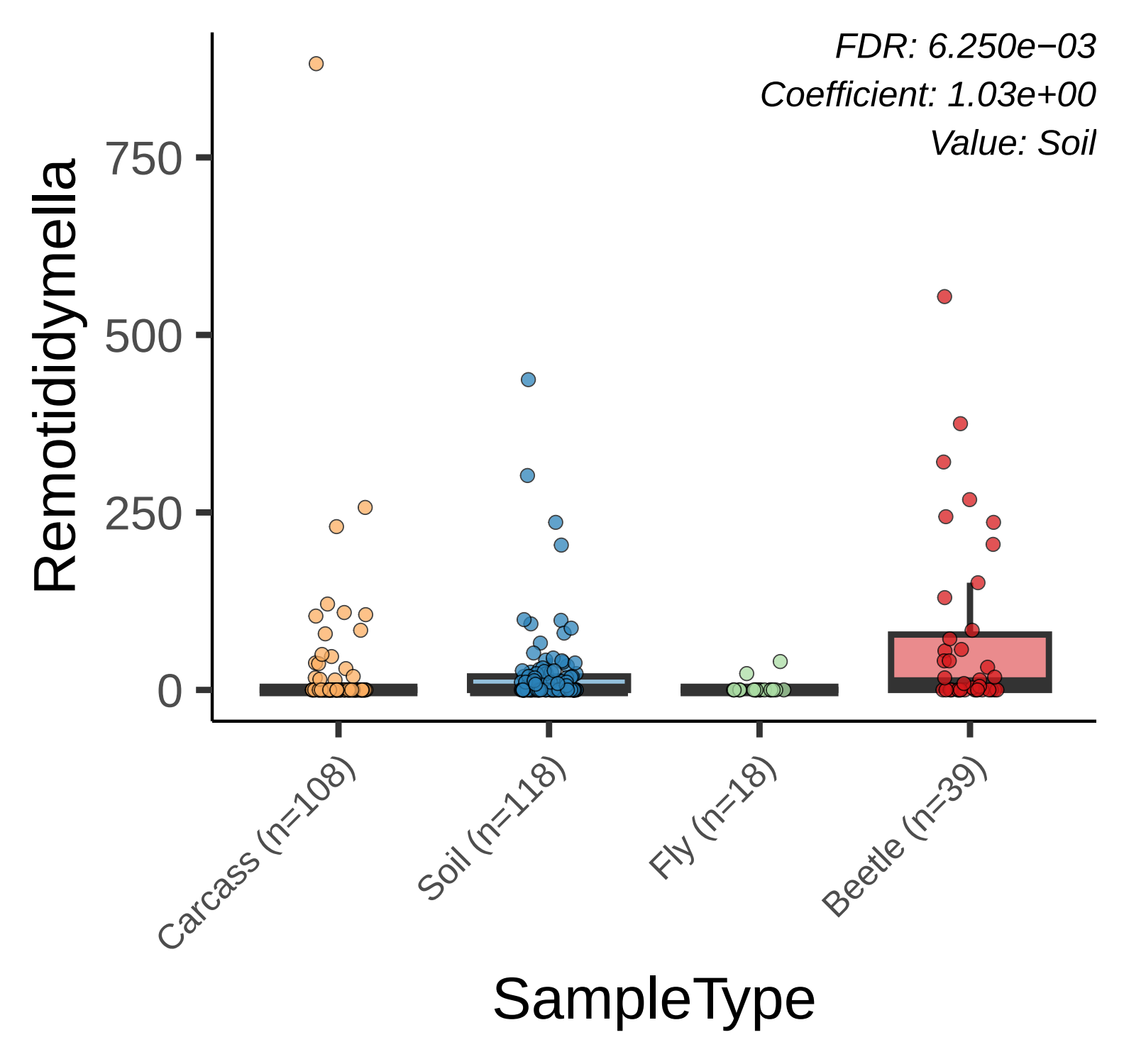

FDR: 5.390e−03
Coefficient: −7.29e−01
Value: Soil
Teratosphaeriaceae_gen_Incertae_sedis
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

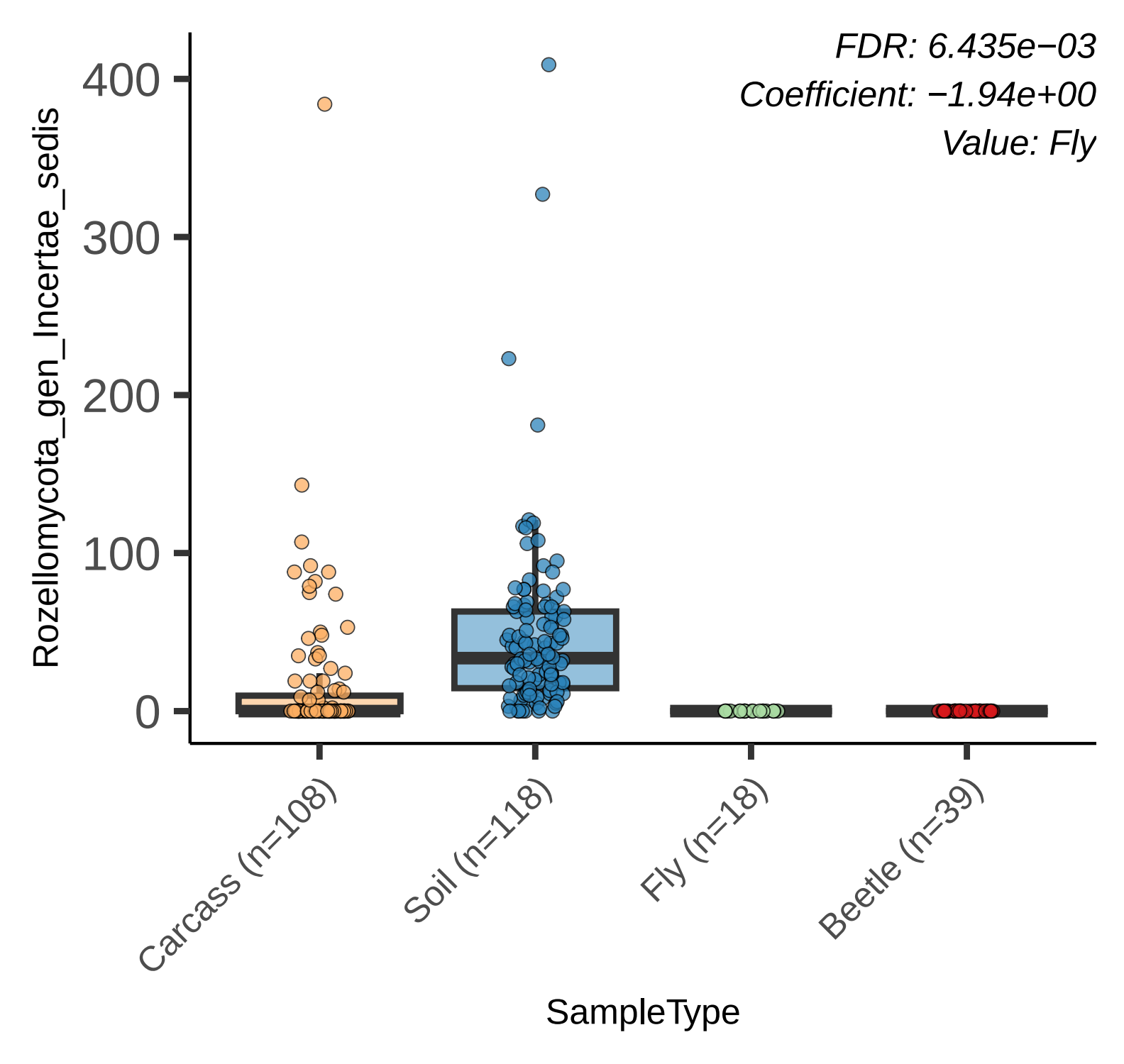

FDR: 5.455e−03
Coefficient: −1.99e+00
Value: Fly
Sporidiobolales_gen_Incertae_sedis
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

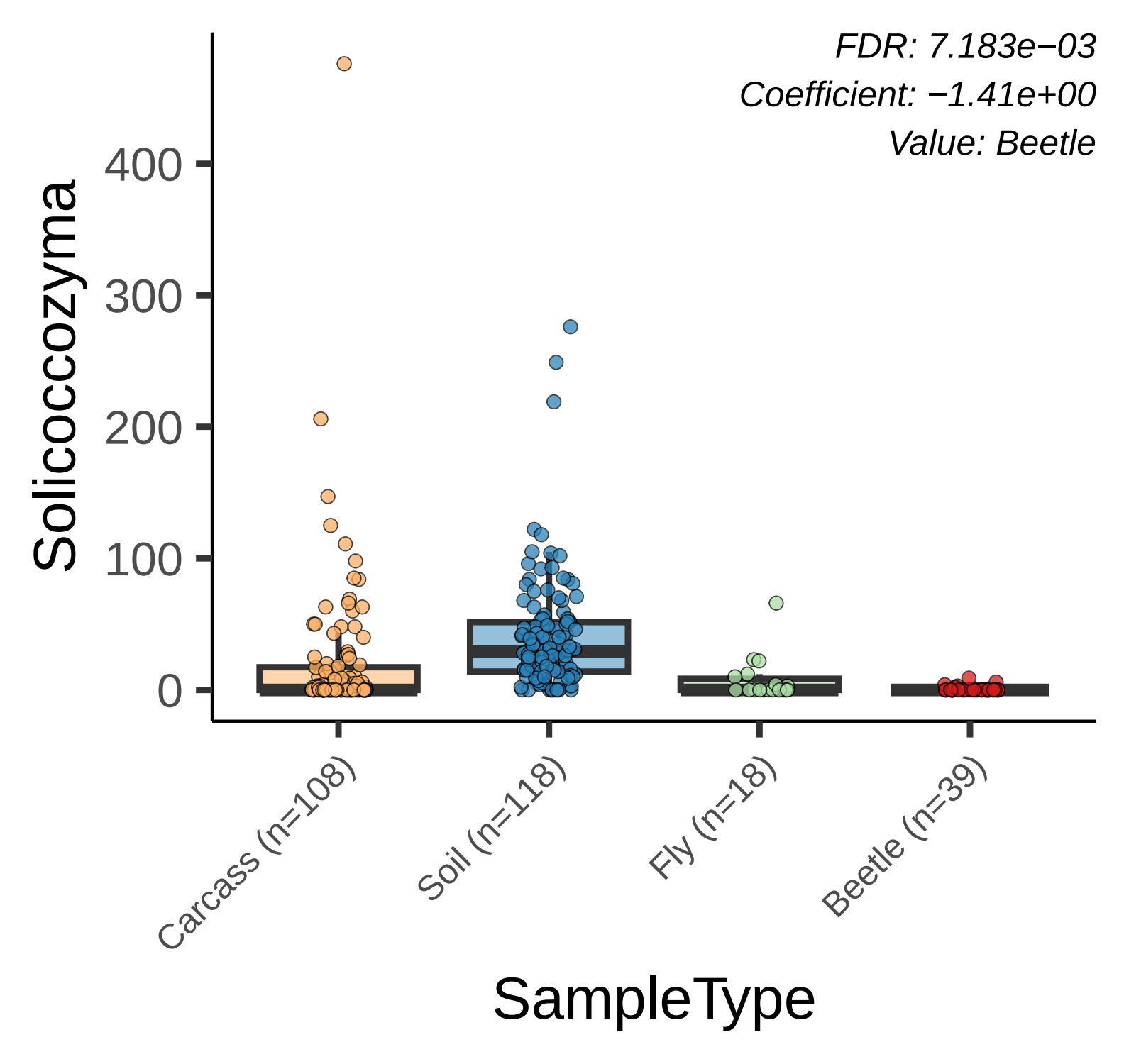

FDR: 5.981e−03
Coefficient: −1.05e+00
Value: Beetle
Rhizoctonia
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

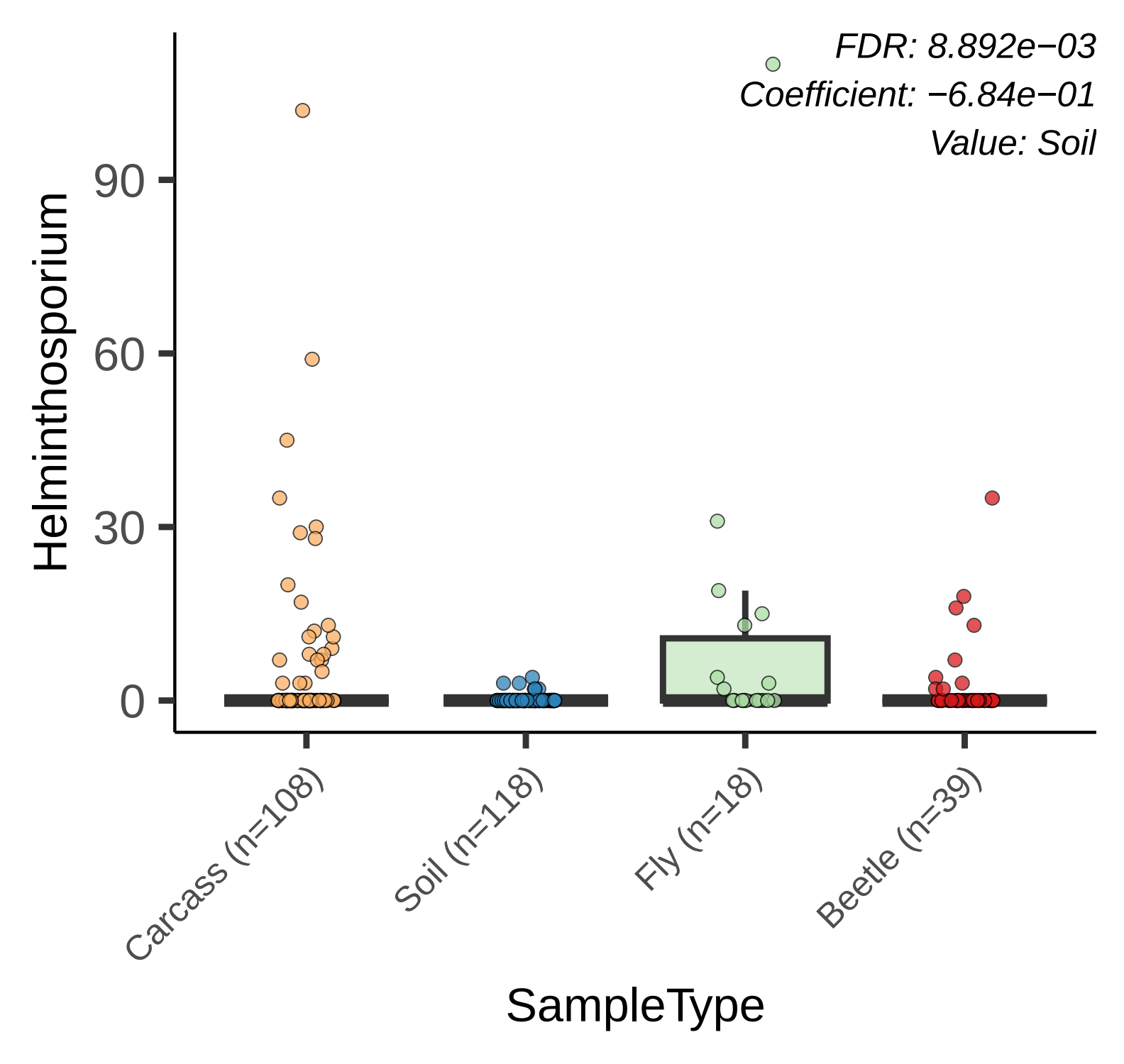

FDR: 5.981e−03
Coefficient: 1.51e+00
Value: Fly
Paracamarosporium
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

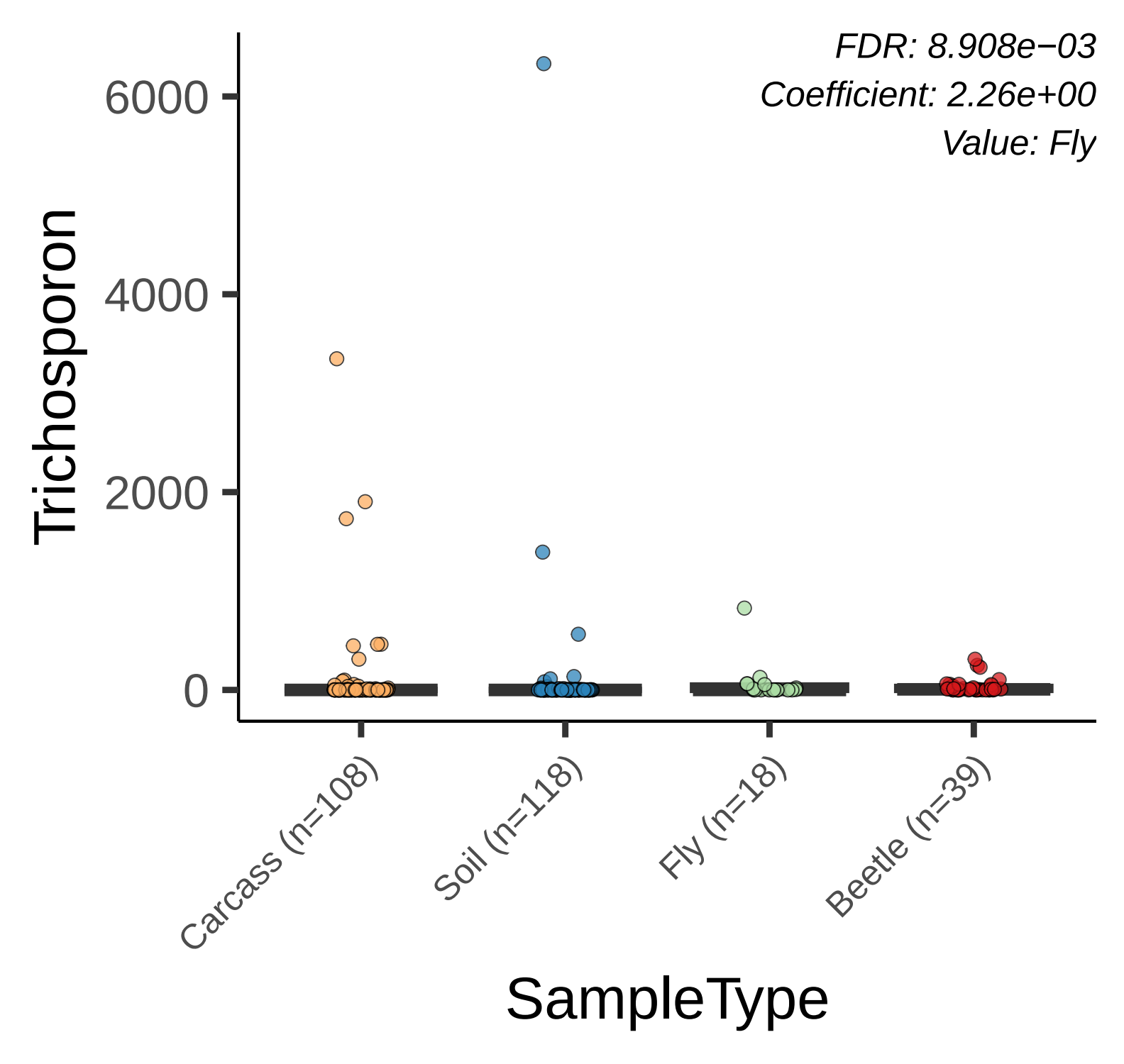

FDR: 6.150e−03
Coefficient: −7.59e−01
Value: Soil
Ascochyta
250
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

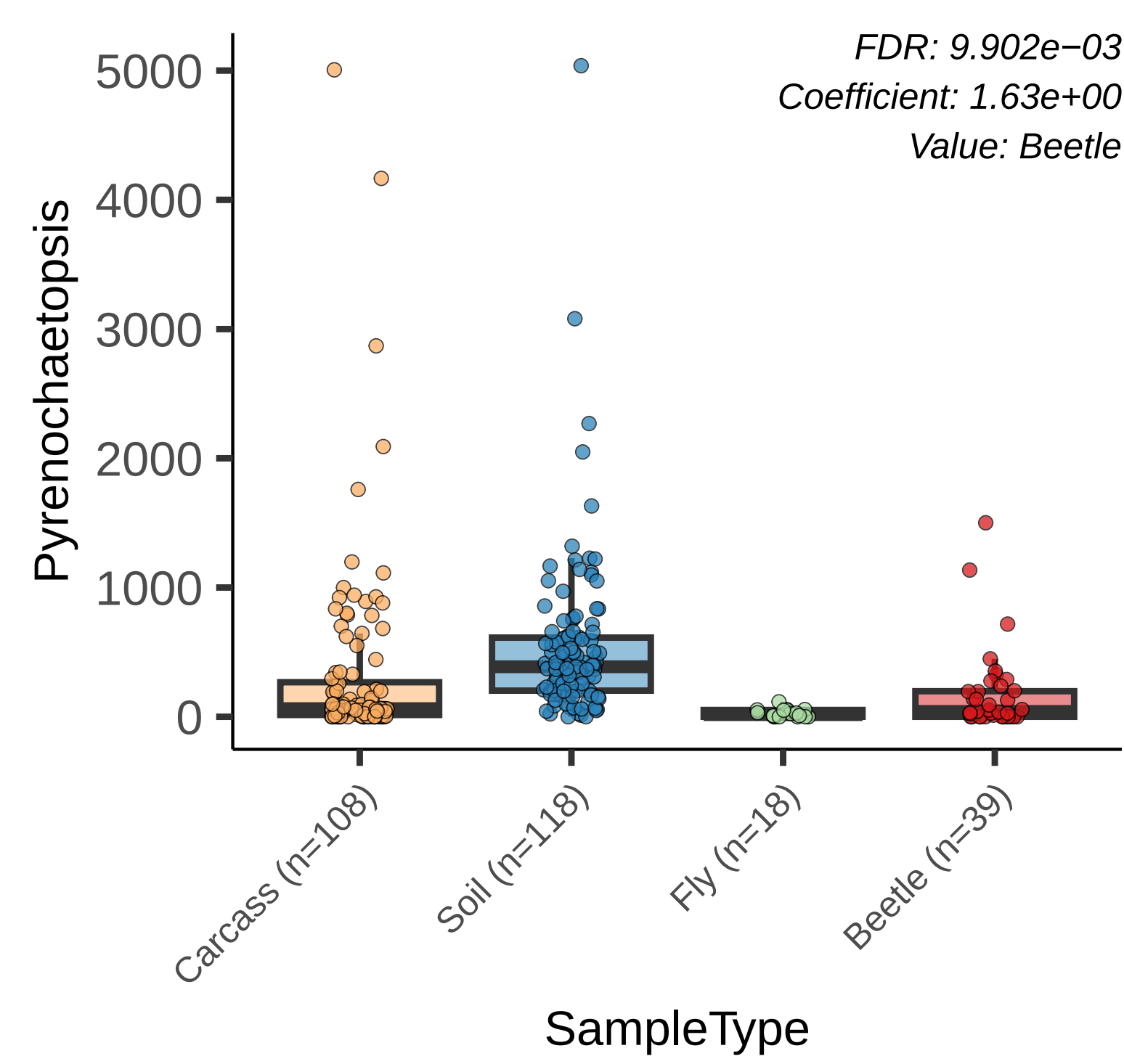

FDR: 6.250e−03
Coefficient: 1.03e+00
Value: Soil
Remotididymella
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

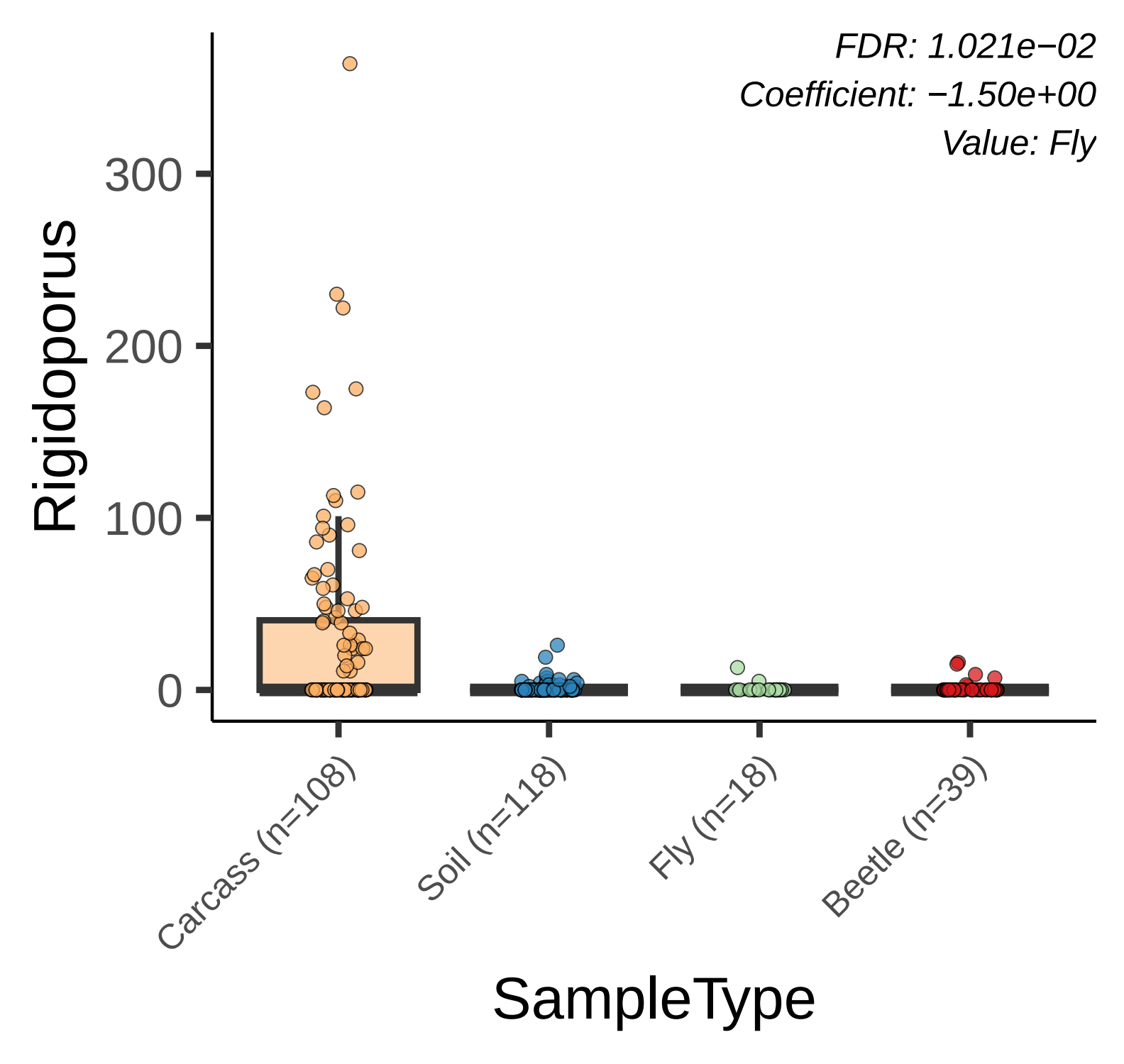

FDR: 6.435e−03
Coefficient: −1.94e+00
Value: Fly
Rozellomycota_gen_Incertae_sedis
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

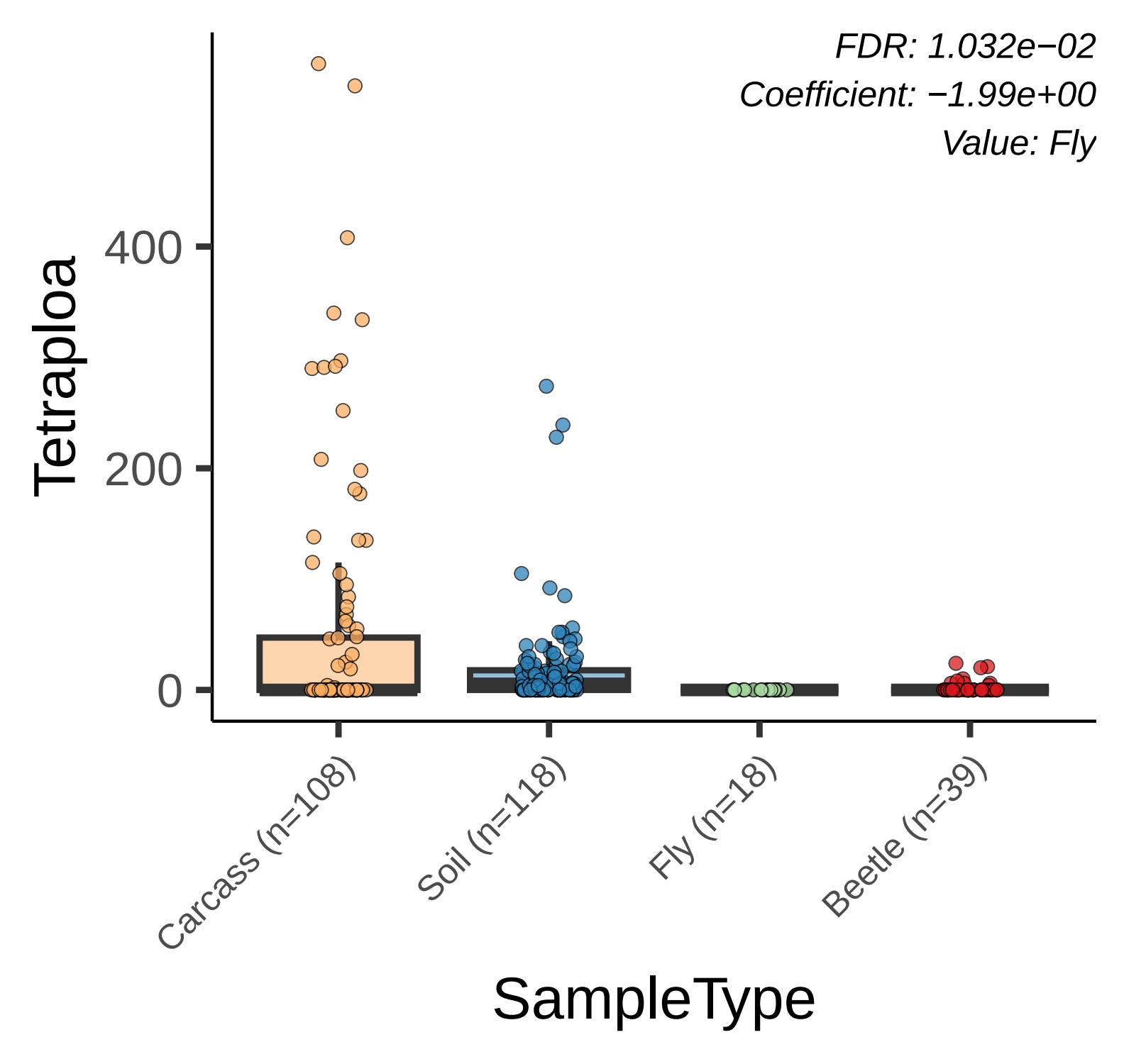

FDR: 7.183e−03
Coefficient: −1.41e+00
Value: Beetle
Solicoccozyma
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

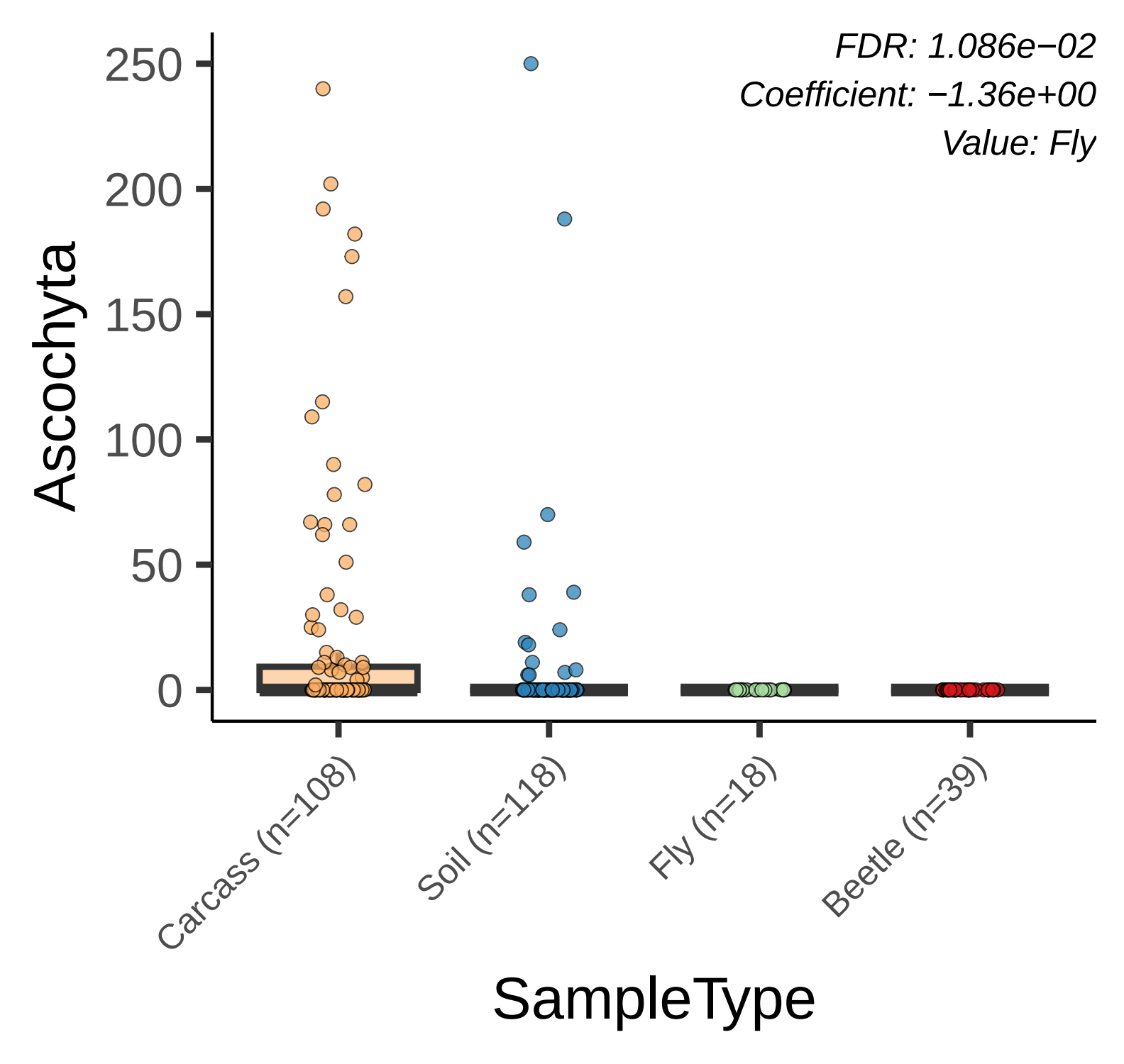

FDR: 8.892e−03
Coefficient: −6.84e−01
Value: Soil
Helminthosporium
90
60
30
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

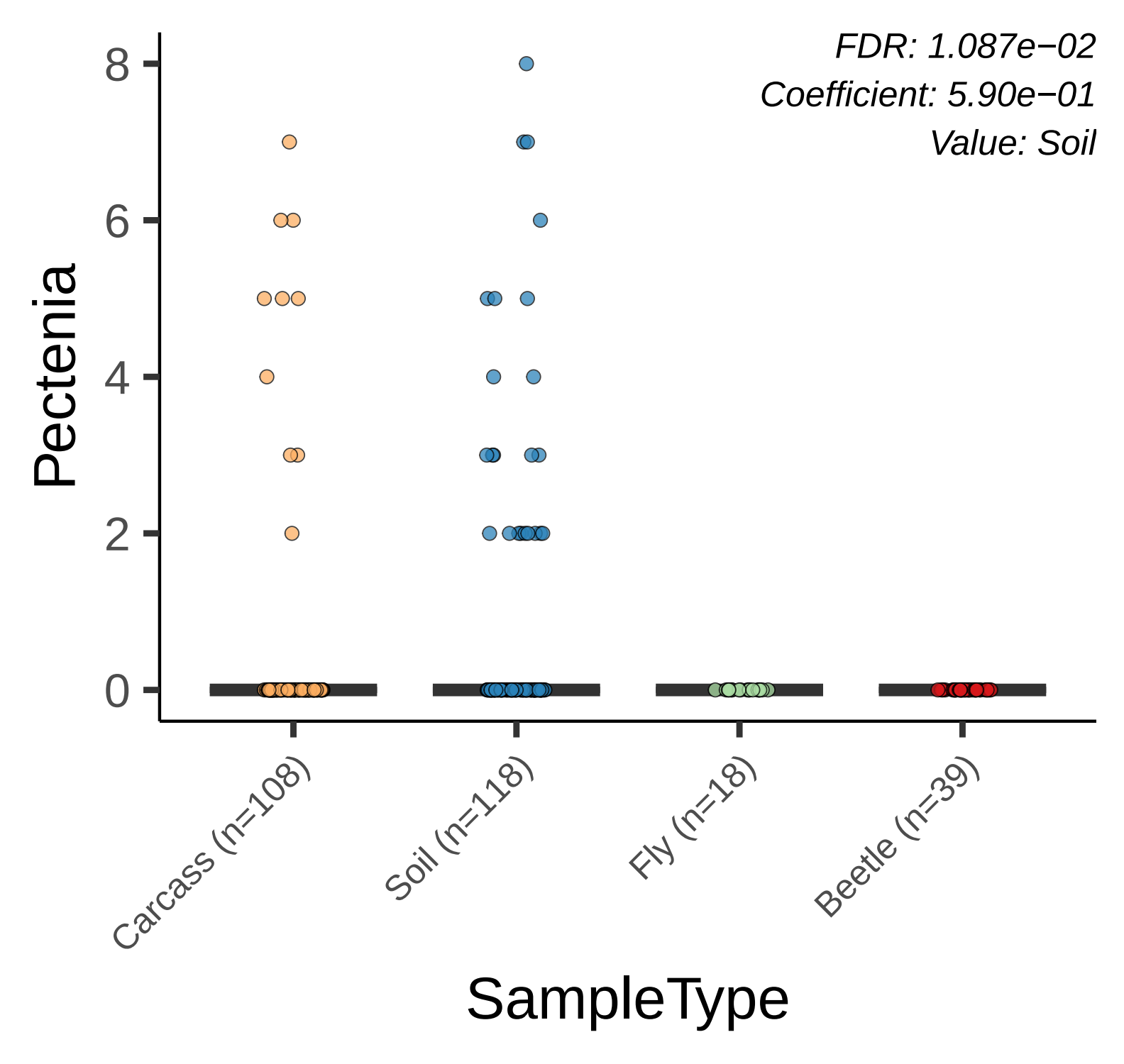

FDR: 8.908e−03
Coefficient: 2.26e+00
Value: Fly
Trichosporon
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

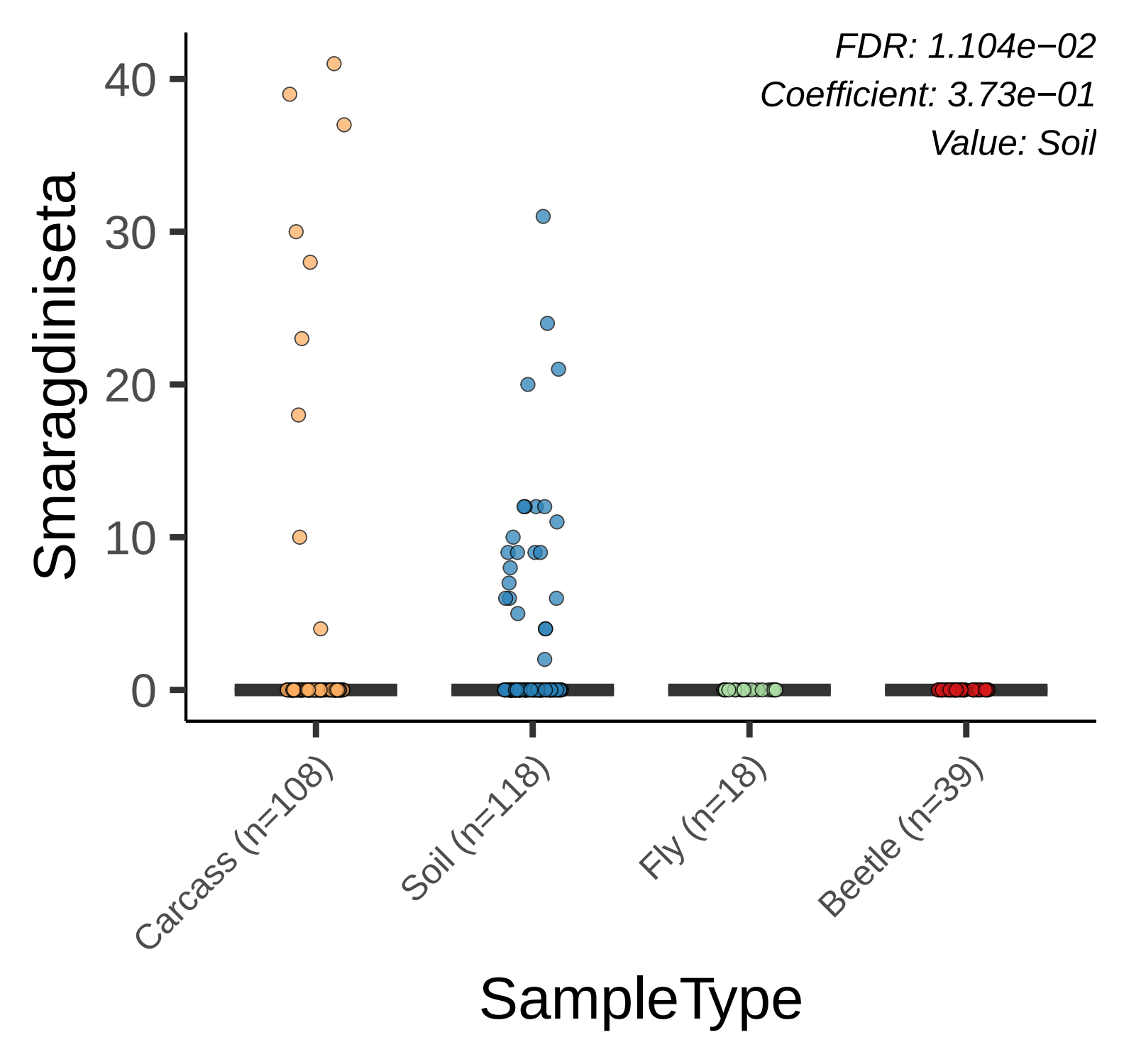

FDR: 9.902e−03
Coefficient: 1.63e+00
Value: Beetle
Pyrenochaetopsis
5000
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

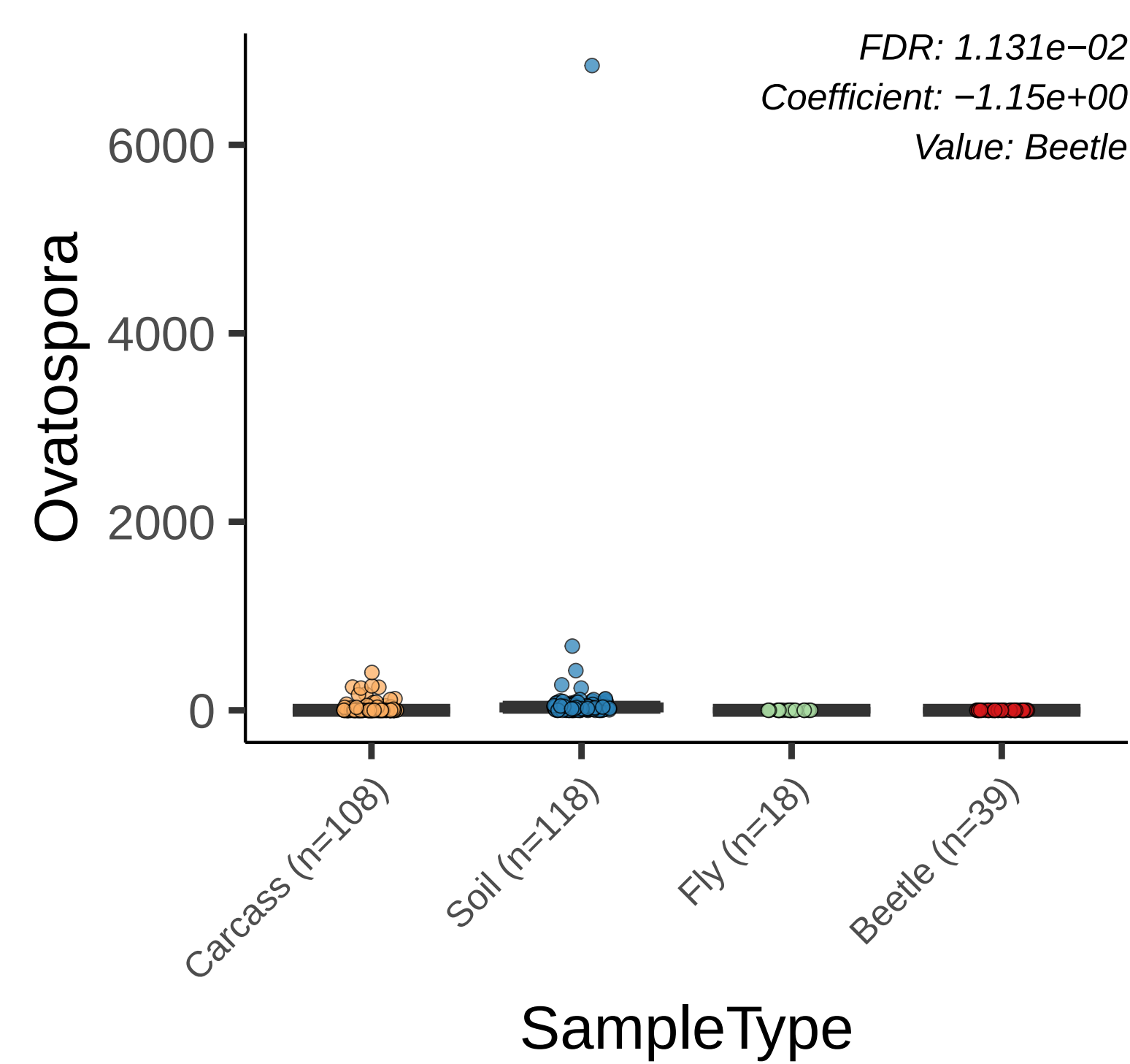

FDR: 1.021e−02
Coefficient: −1.50e+00
Value: Fly
Rigidoporus
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

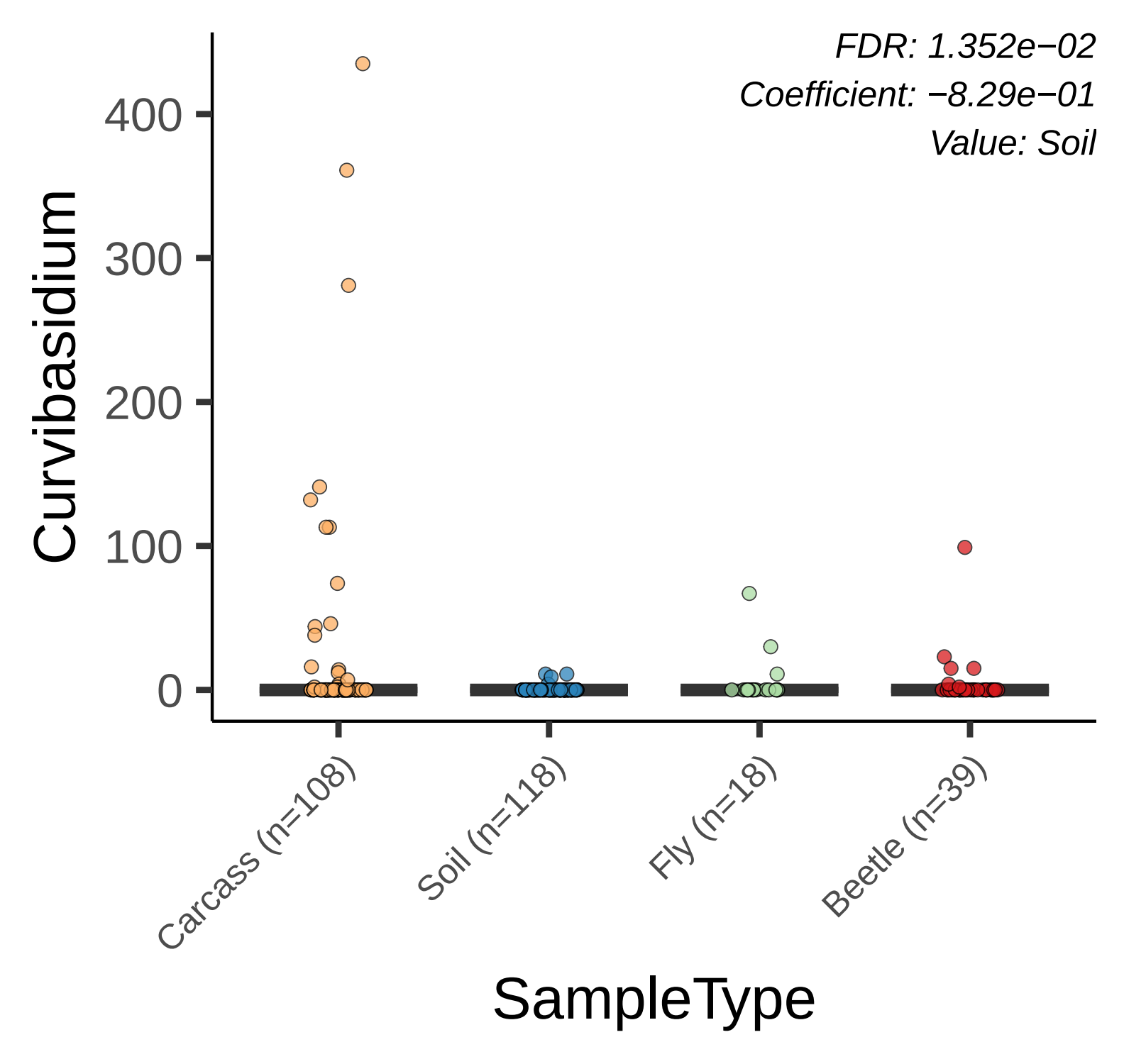

FDR: 1.032e−02
Coefficient: −1.99e+00
Value: Fly
Tetraploa
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

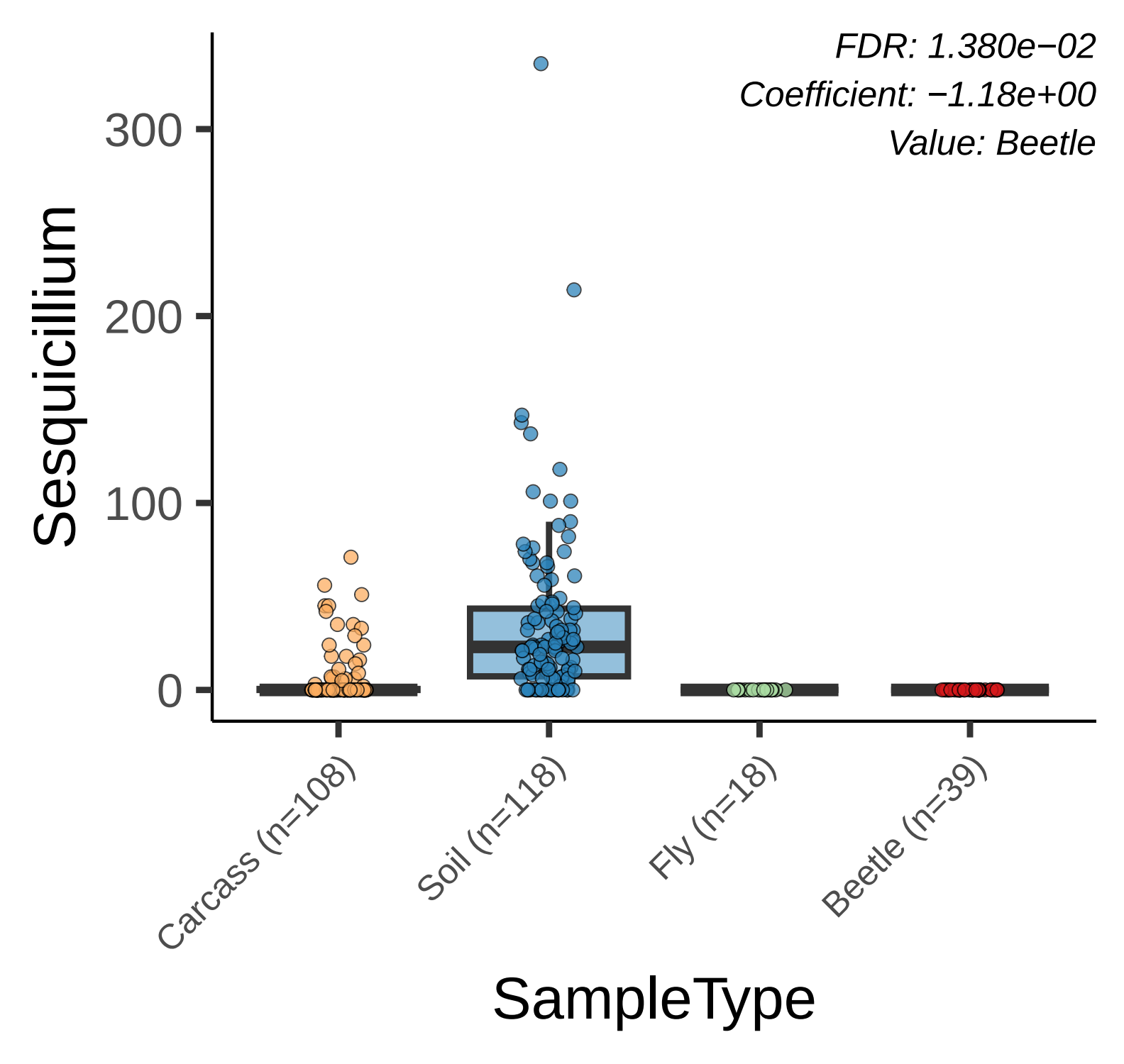

FDR: 1.086e−02
Coefficient: −1.36e+00
Value: Fly
Ascochyta
250
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

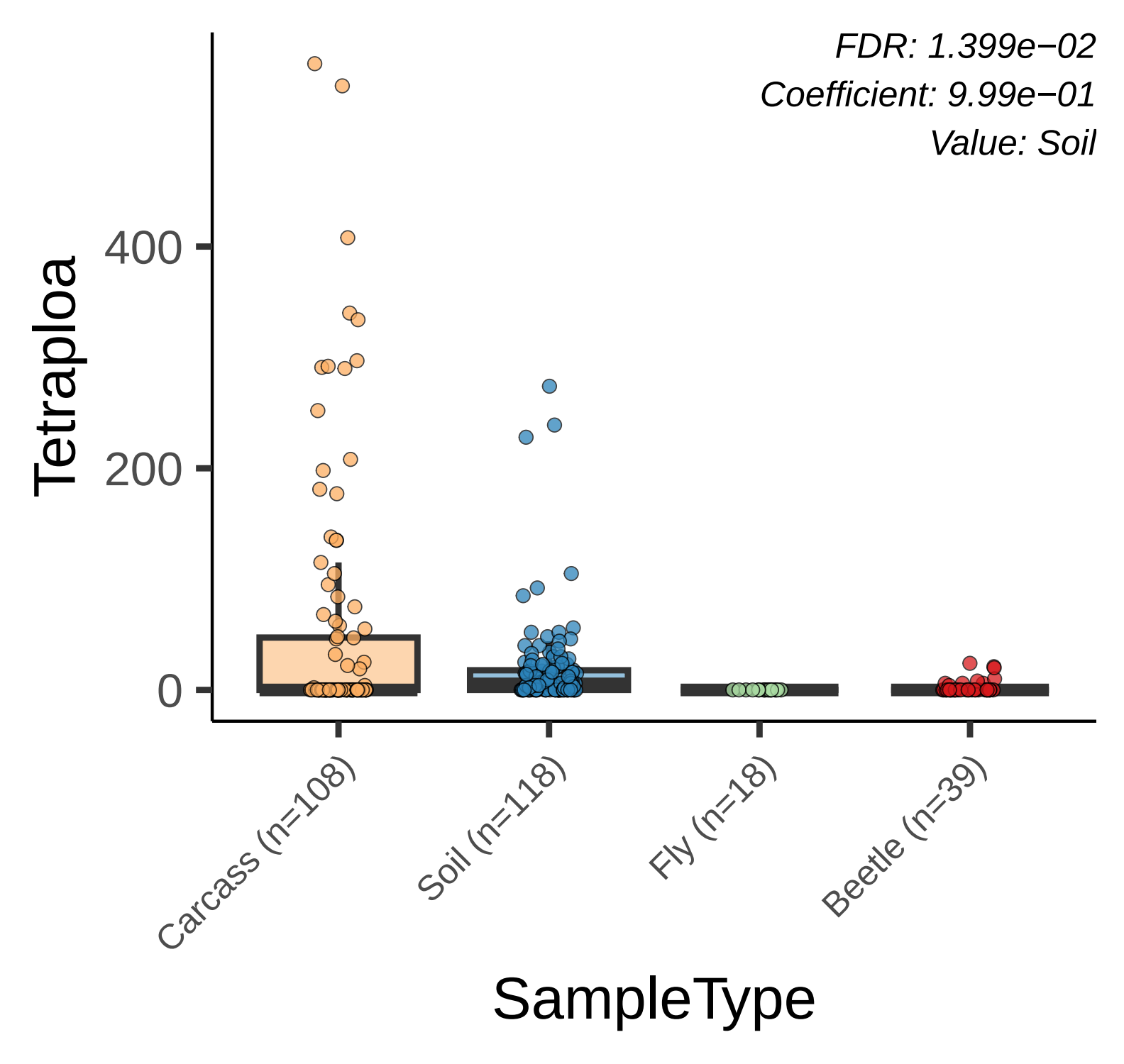

FDR: 1.087e−02
Coefficient: 5.90e−01
Value: Soil
Pectenia
8
6
4
2
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

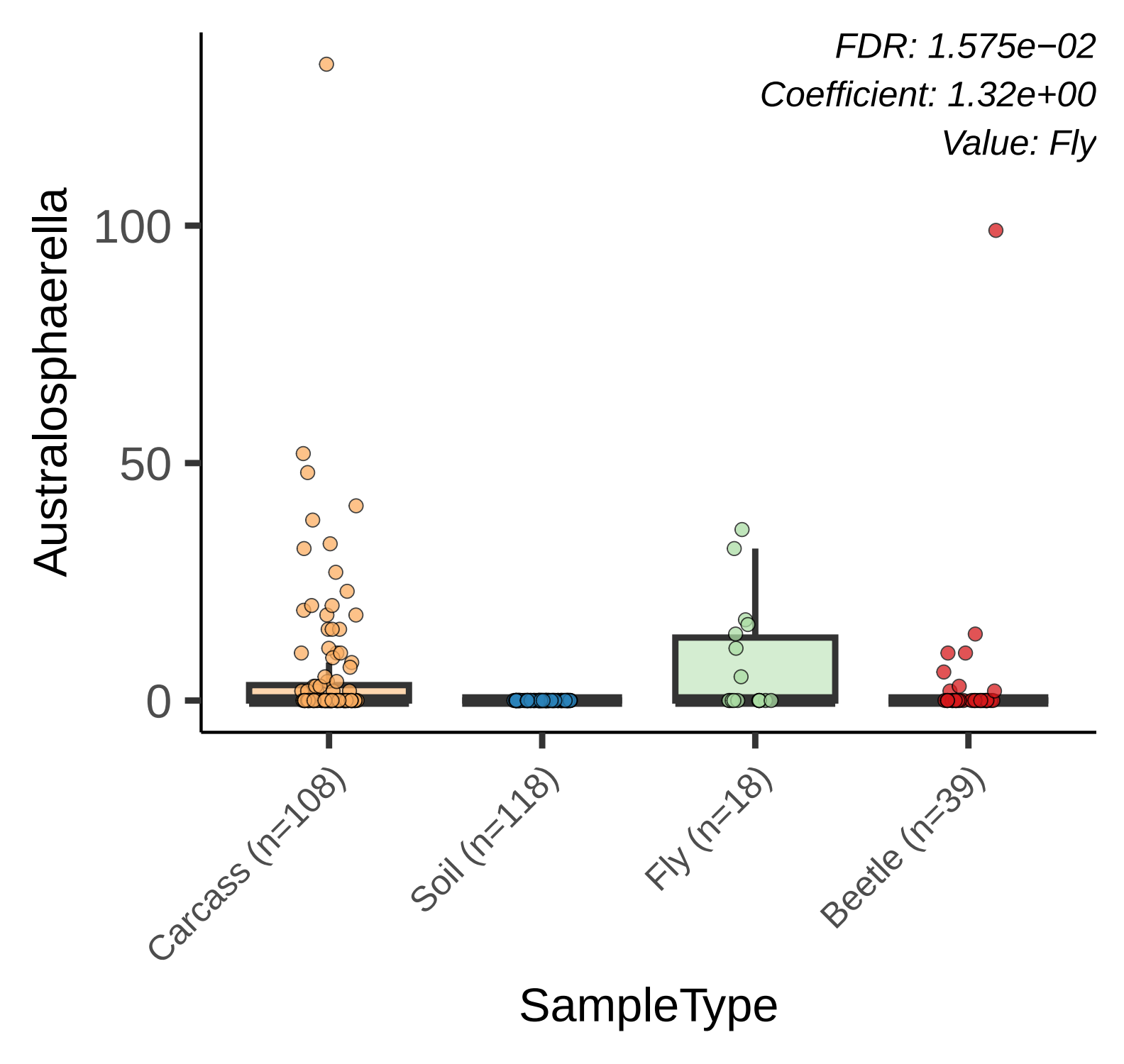

FDR: 1.104e−02
Coefficient: 3.73e−01
Value: Soil
Smaragdiniseta
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

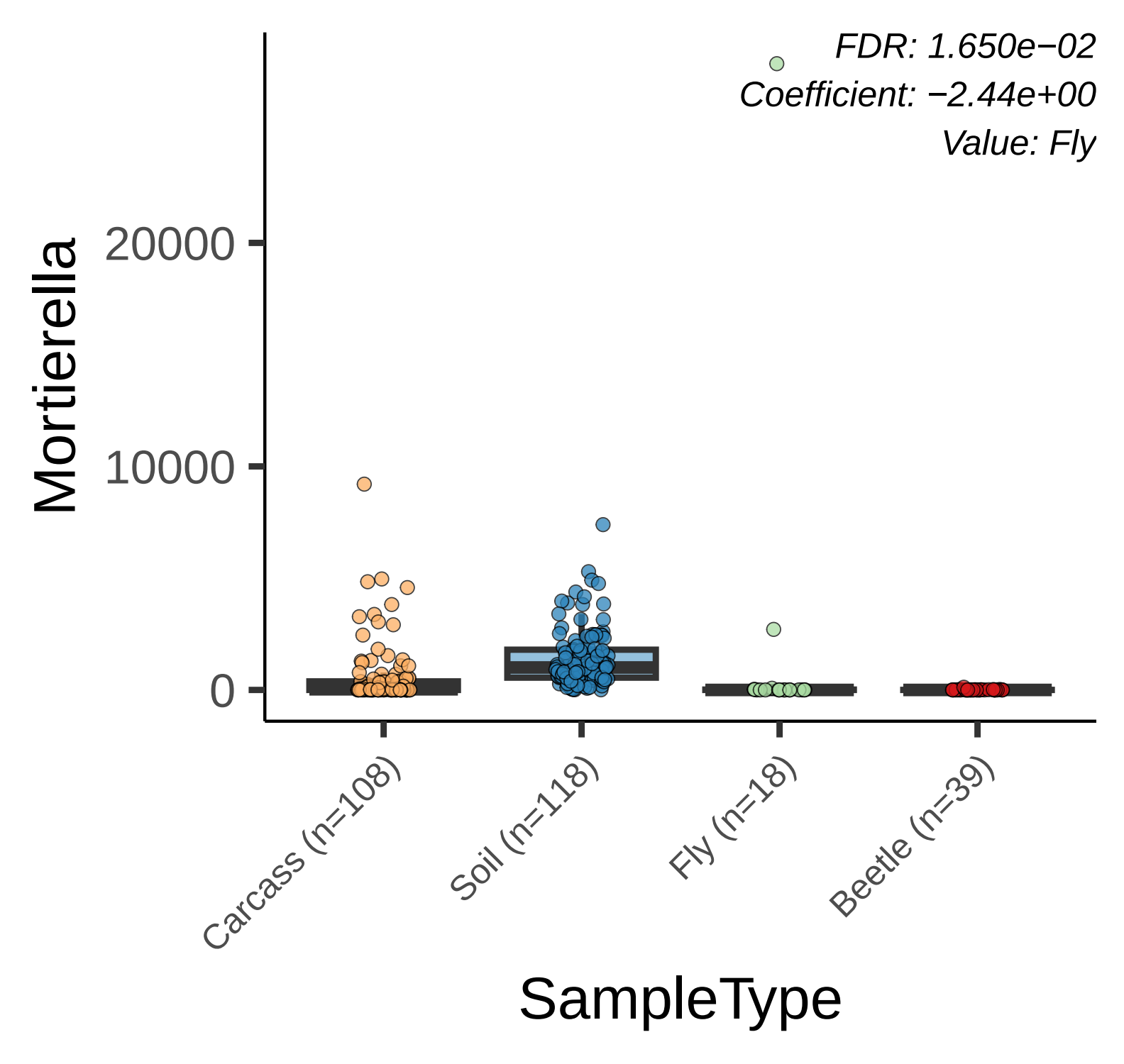

FDR: 1.131e−02
Coefficient: −1.15e+00
Value: Beetle
Ovatospora
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

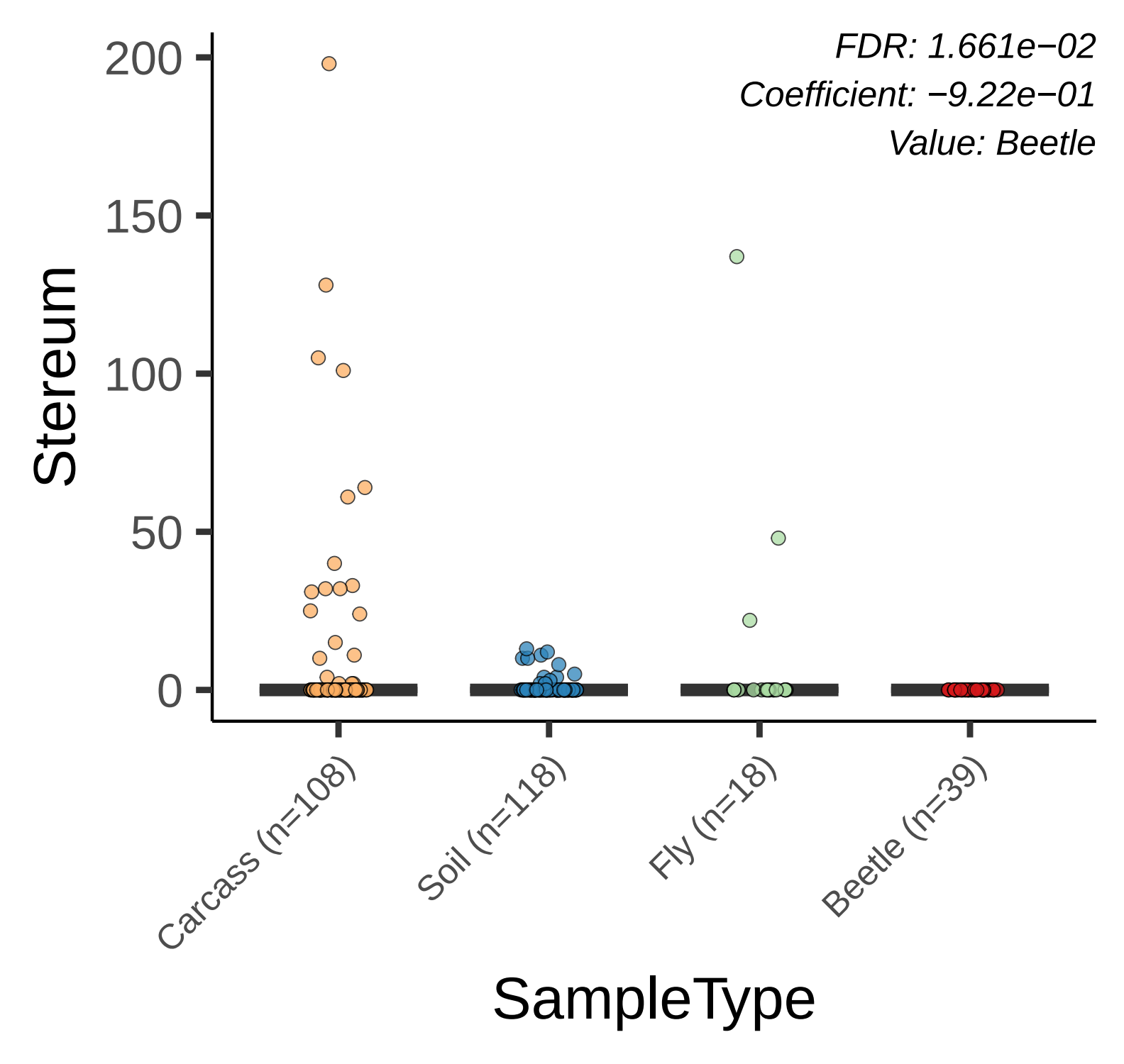

FDR: 1.352e−02
Coefficient: −8.29e−01
Value: Soil
Curvibasidium
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

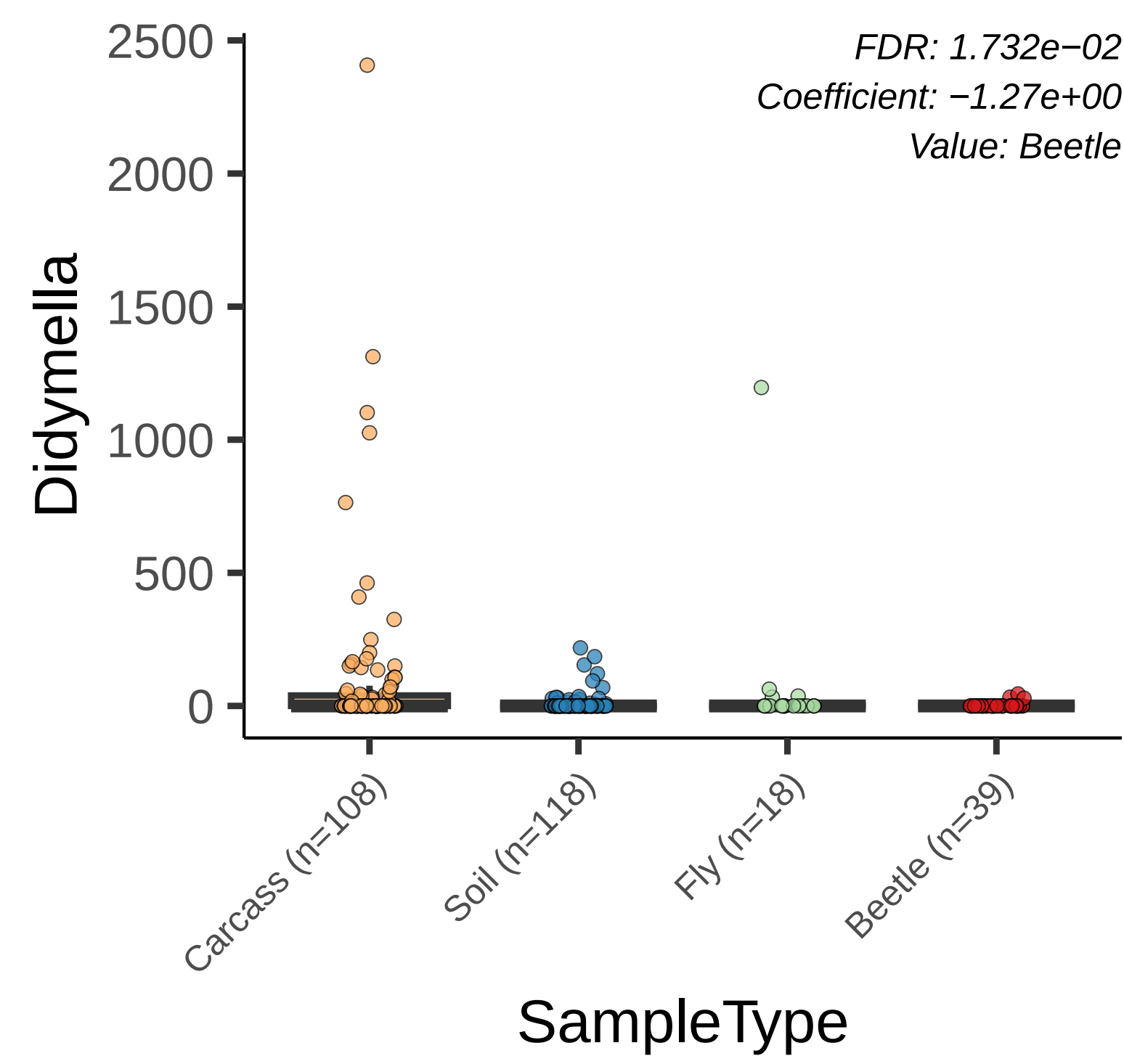

FDR: 1.380e−02
Coefficient: −1.18e+00
Value: Beetle
Sesquicillium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

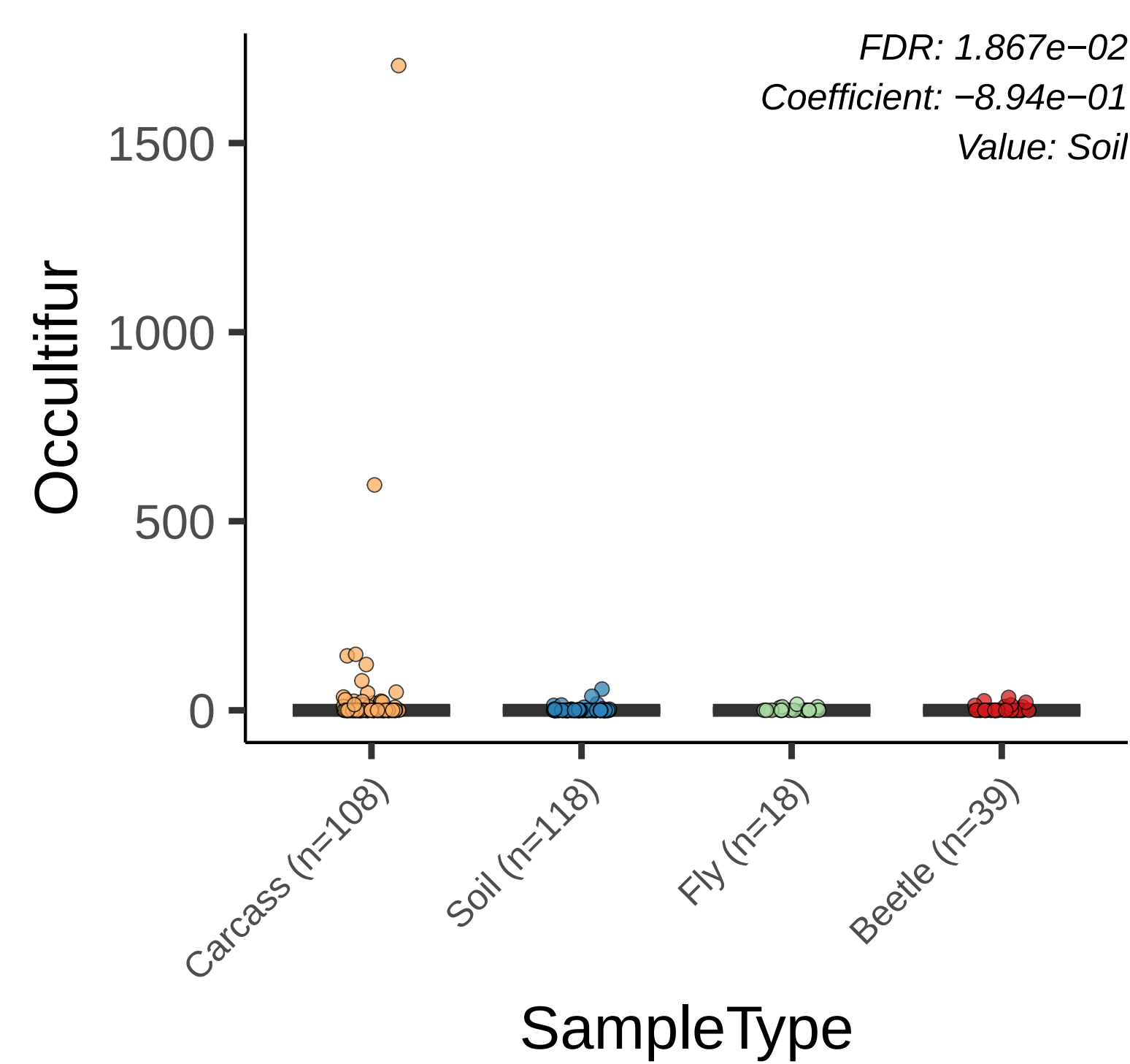

FDR: 1.399e−02
Coefficient: 9.99e−01
Value: Soil
Tetraploa
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

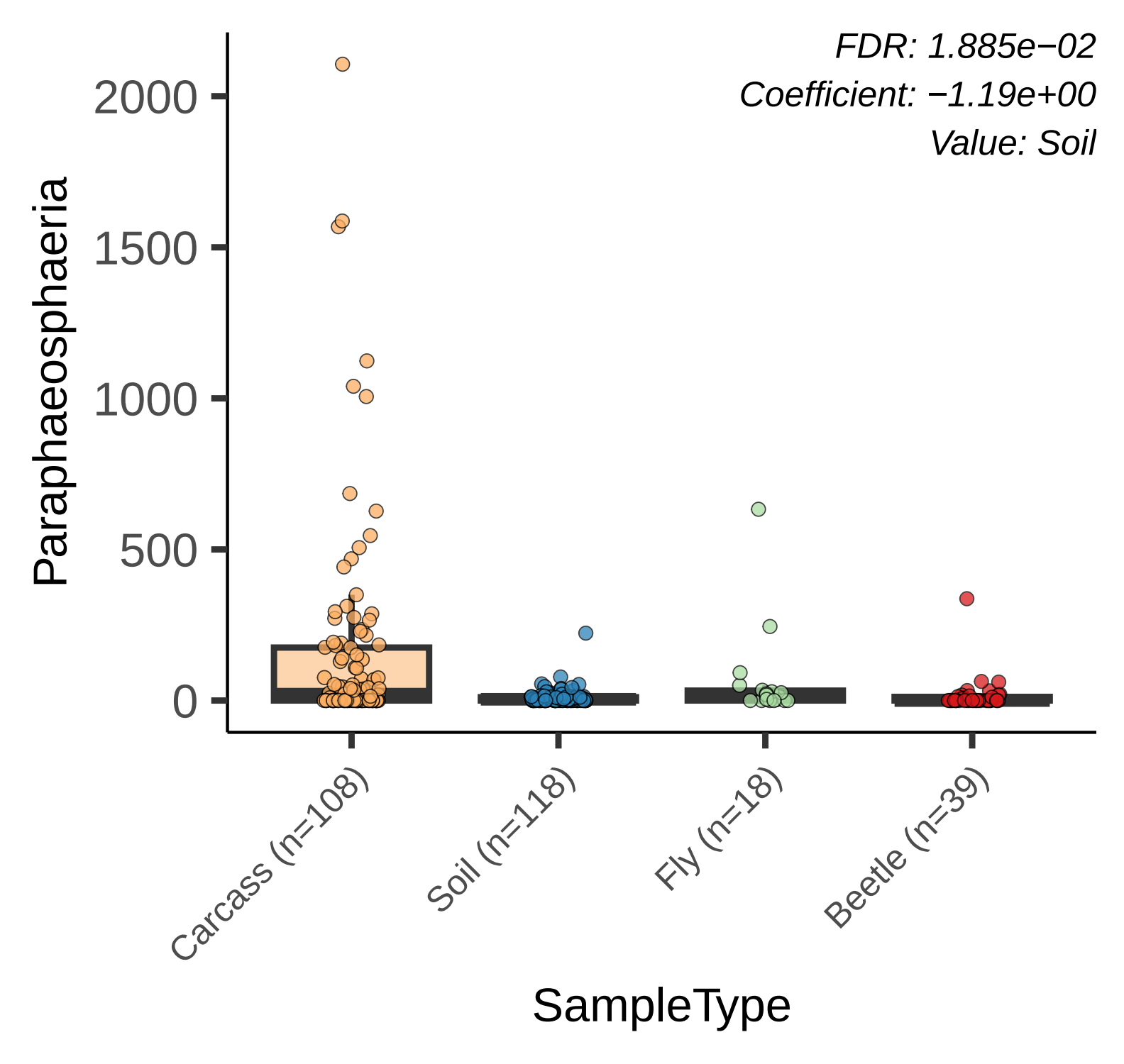

FDR: 1.575e−02
Coefficient: 1.32e+00
Value: Fly
Australosphaerella
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

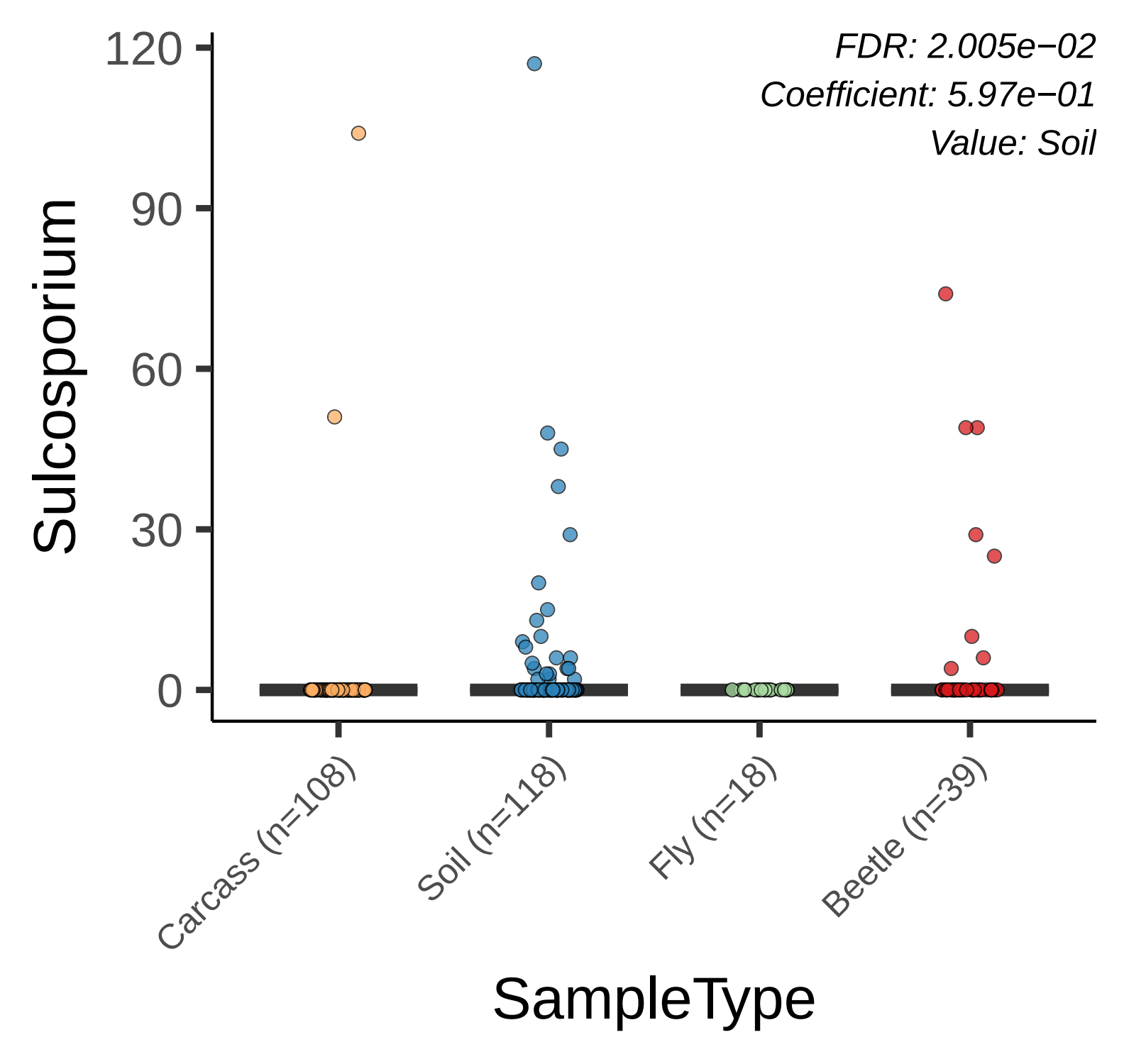

FDR: 1.650e−02
Coefficient: −2.44e+00
Value: Fly
Mortierella
20000
10000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

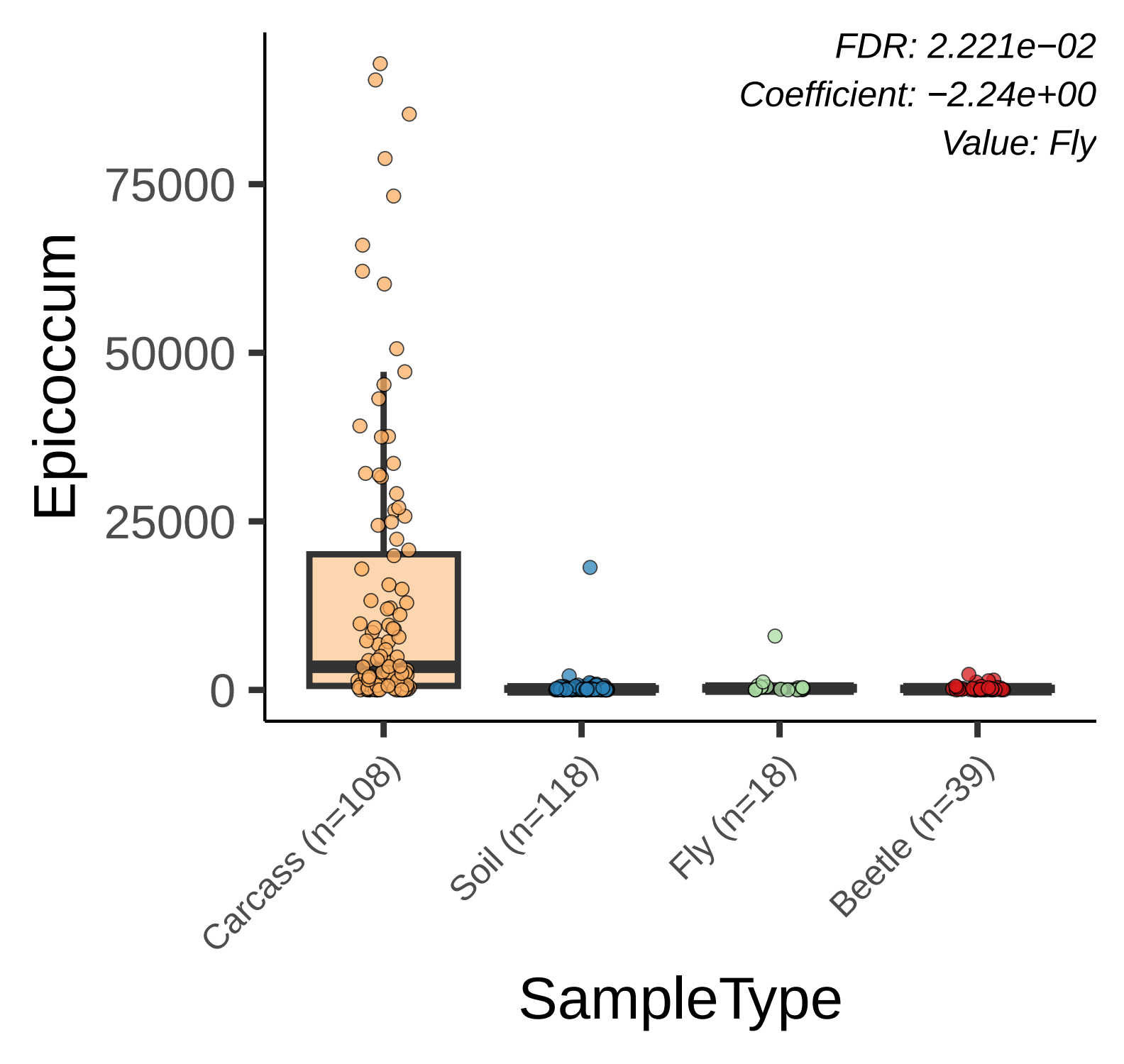

FDR: 1.661e−02
Coefficient: −9.22e−01
Value: Beetle
Stereum
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

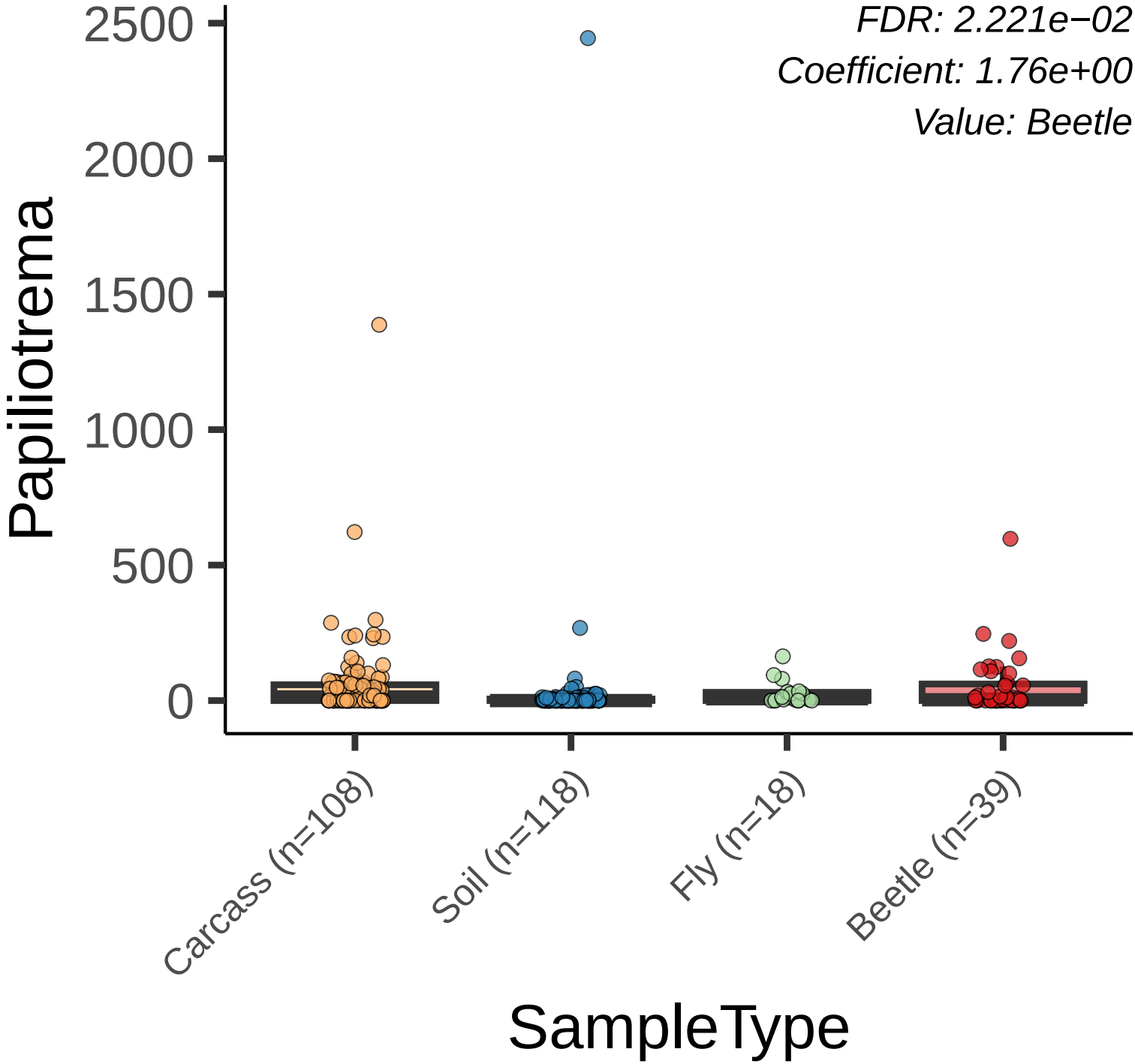

FDR: 1.732e−02
Coefficient: −1.27e+00
Value: Beetle
Didymella
2500
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

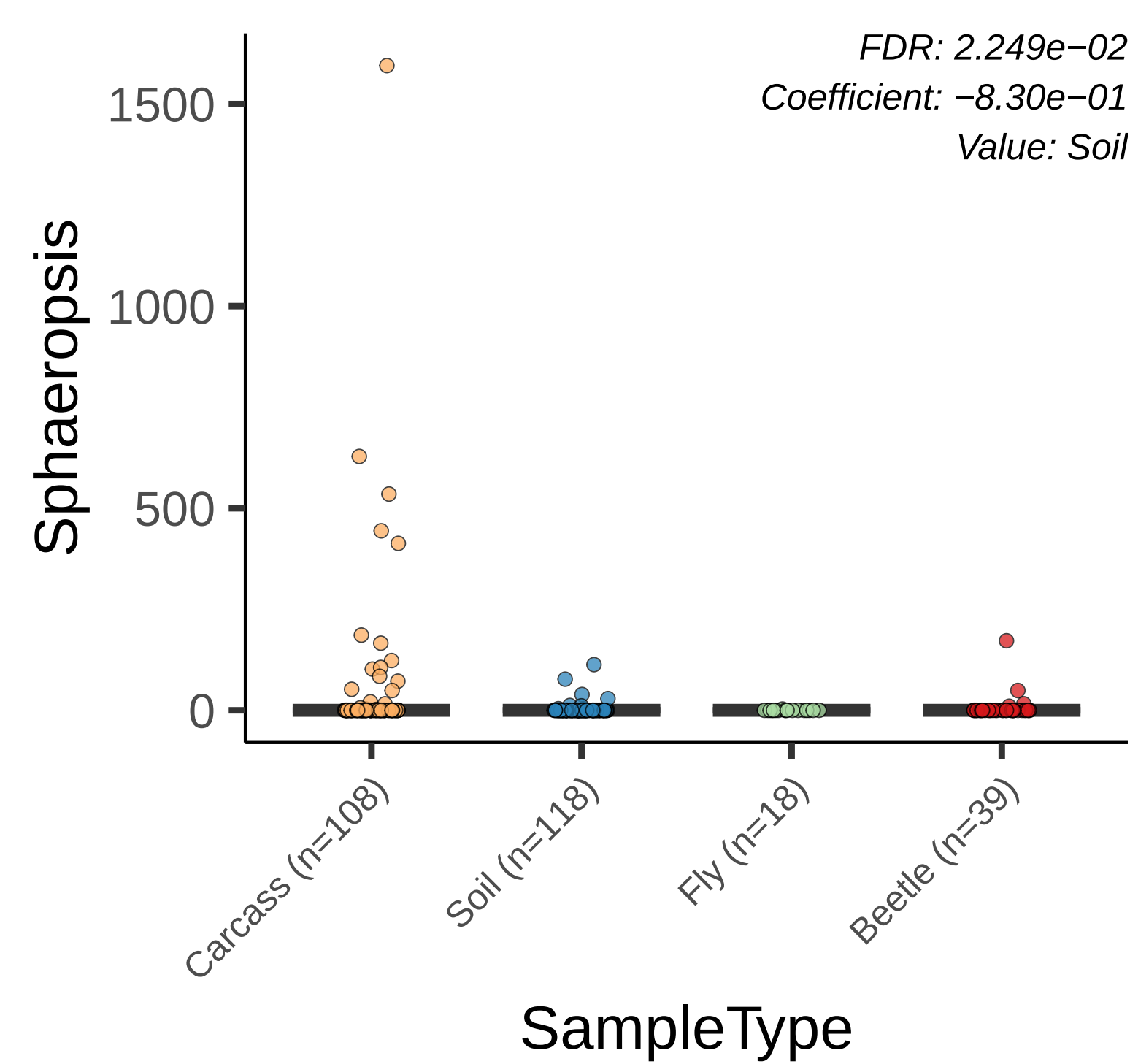

FDR: 1.867e−02
Coefficient: −8.94e−01
Value: Soil
Occultifur
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

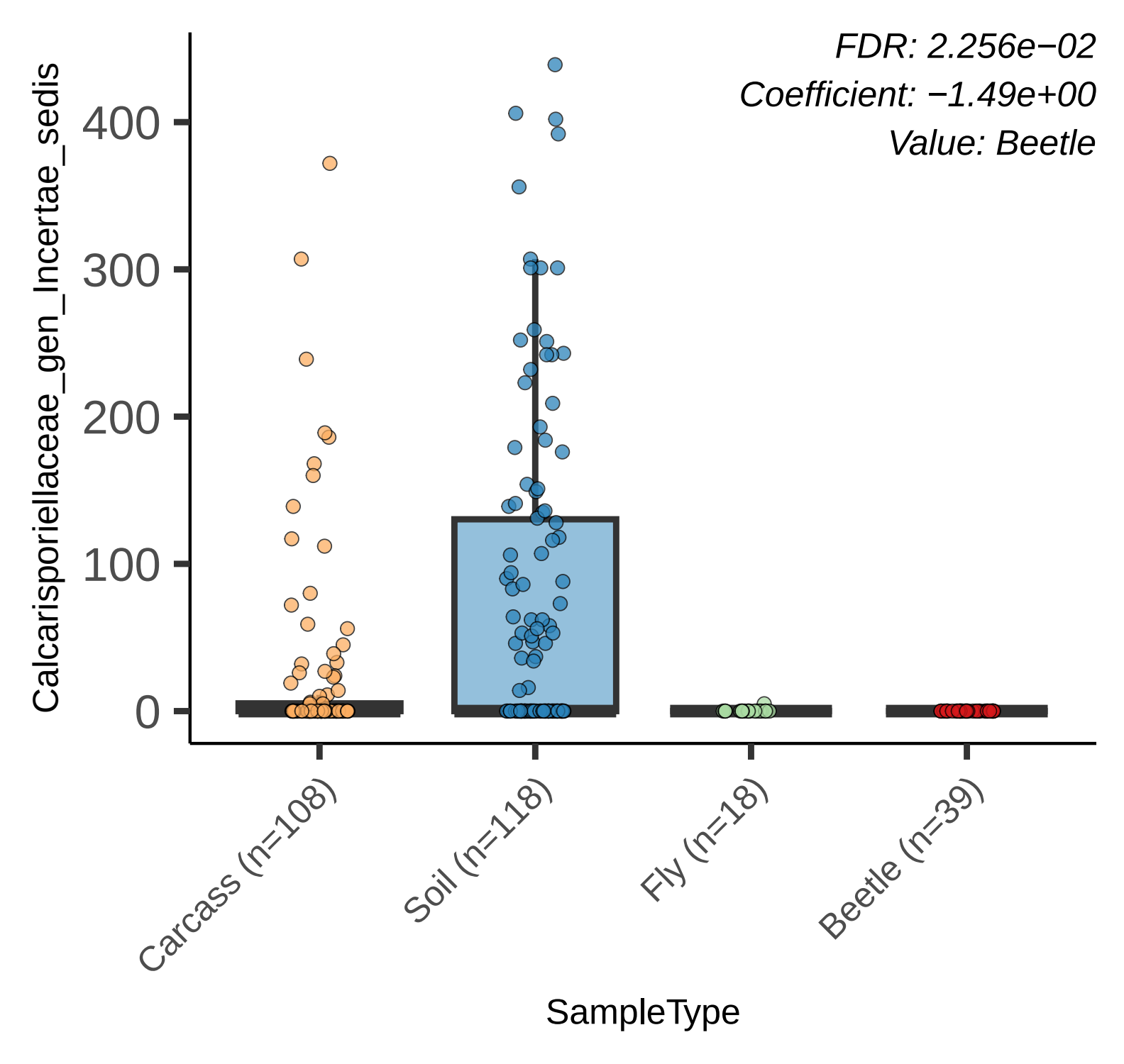

FDR: 1.885e−02
Coefficient: −1.19e+00
Value: Soil
Paraphaeosphaeria
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

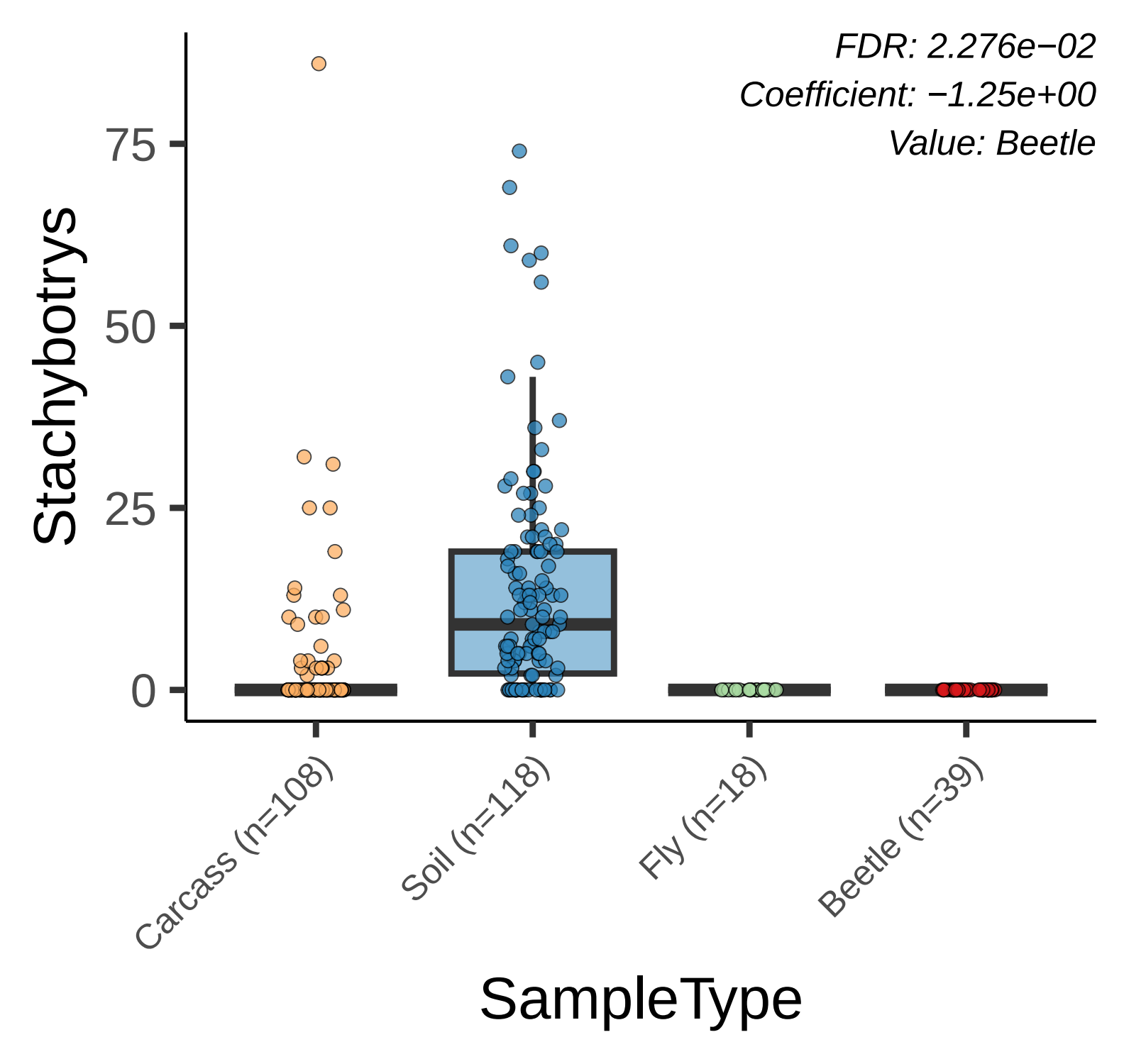

FDR: 2.005e−02
Coefficient: 5.97e−01
Value: Soil
Sulcosporium
120
90
60
30
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

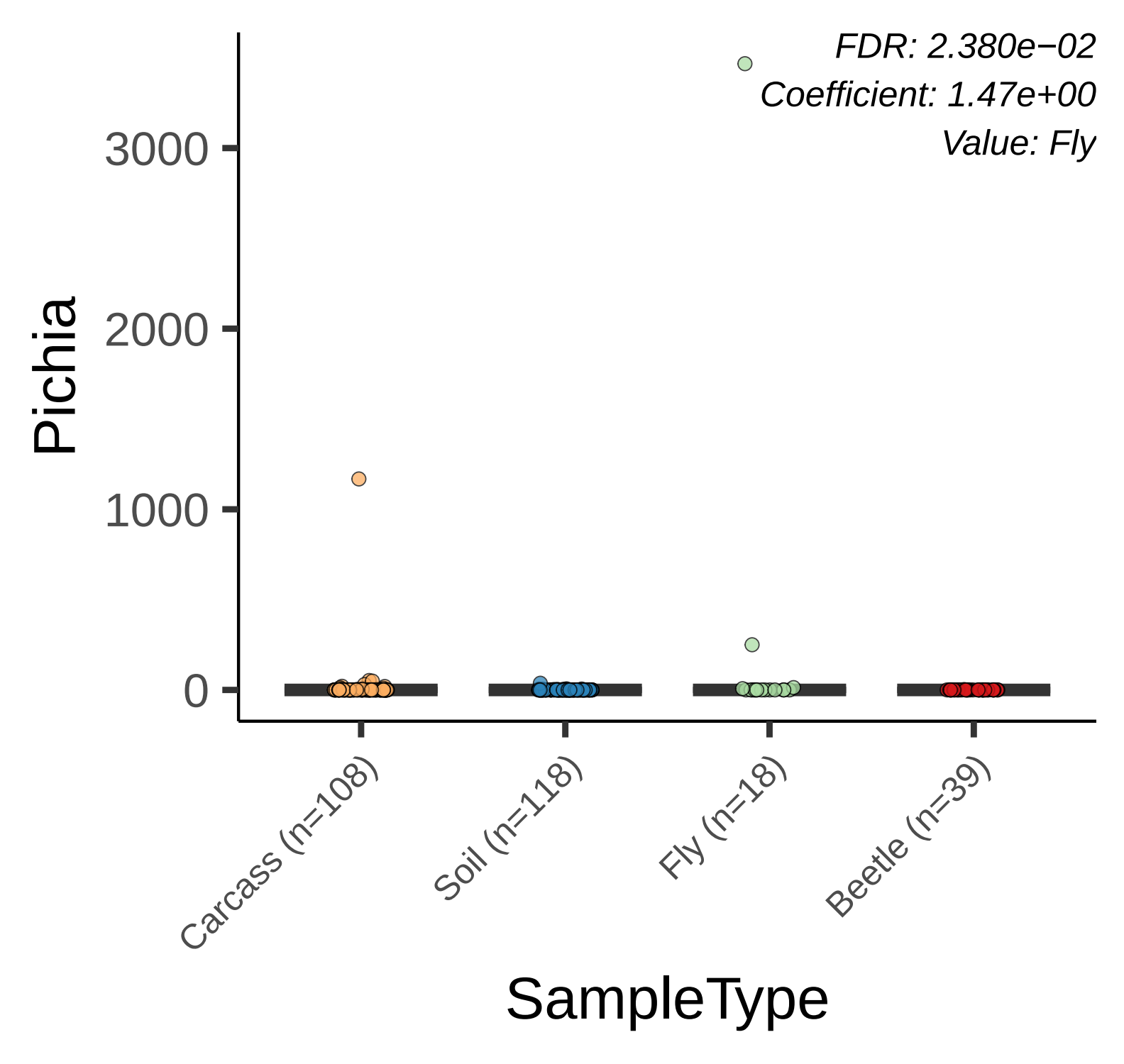

FDR: 2.221e−02
Coefficient: −2.24e+00
Value: Fly
Epicoccum
75000
50000
25000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

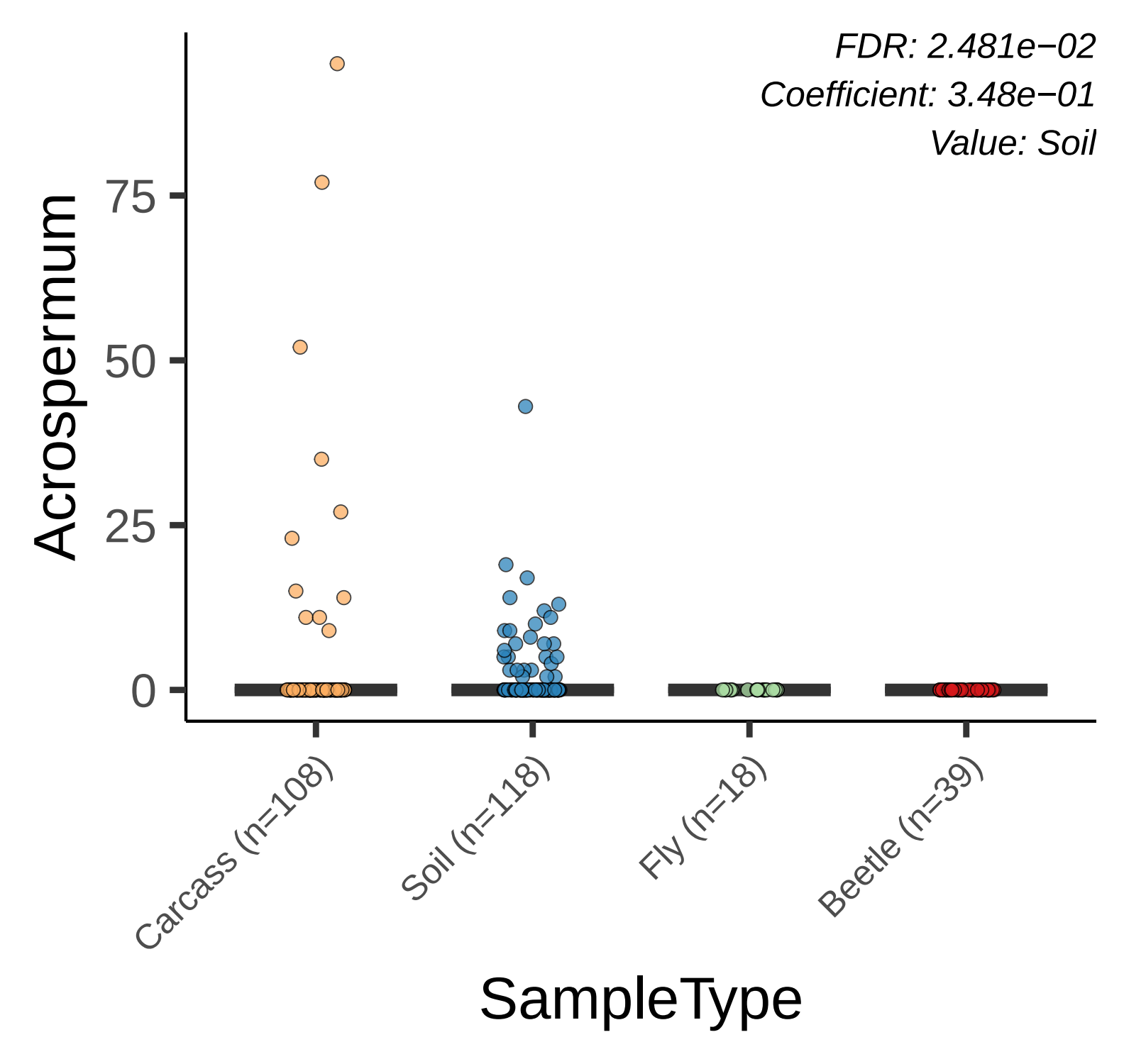

FDR: 2.221e−02
Coefficient: 1.76e+00
Value: Beetle
Papiliotrema
2500
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

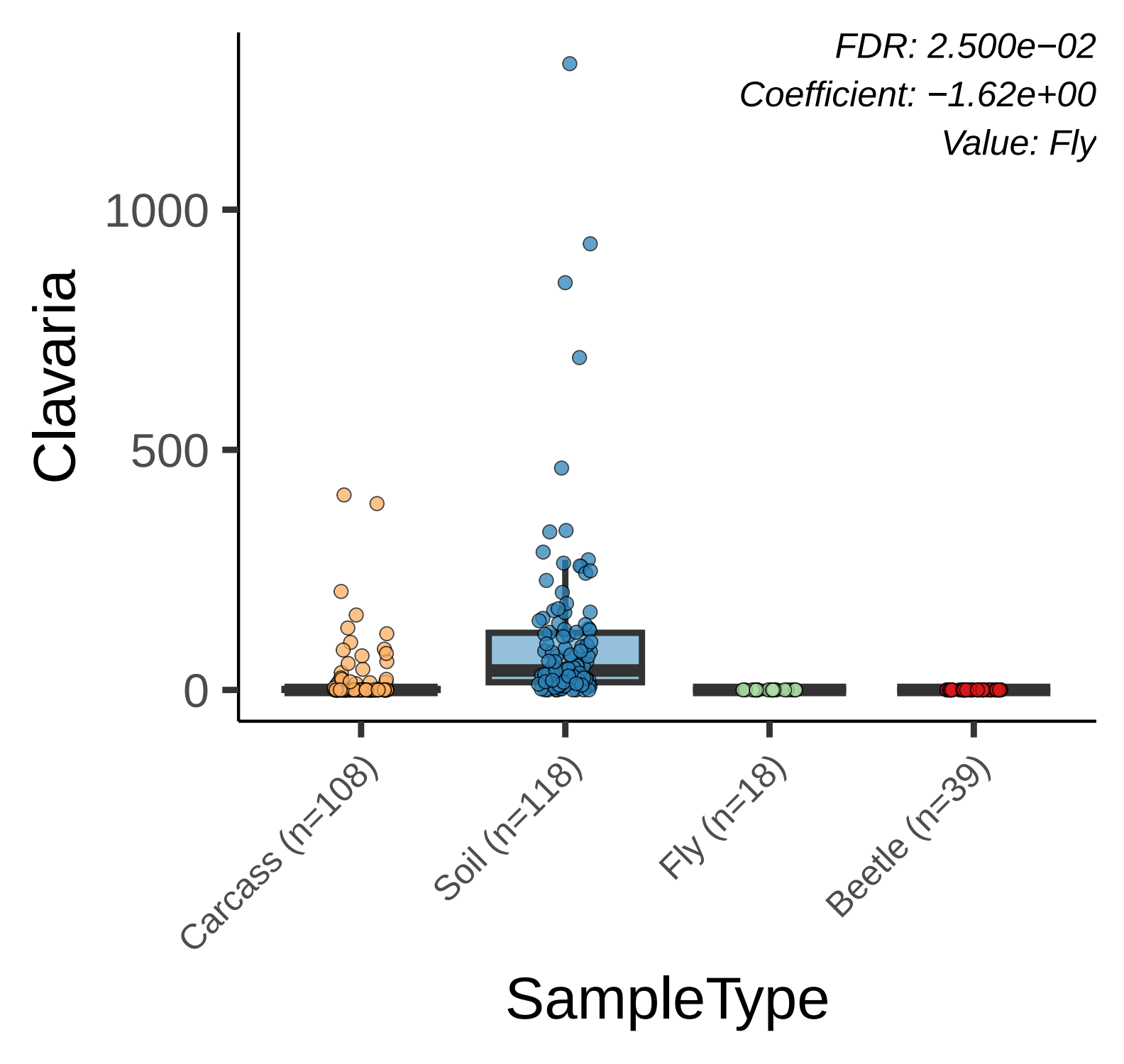

FDR: 2.249e−02
Coefficient: −8.30e−01
Value: Soil
Sphaeropsis
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

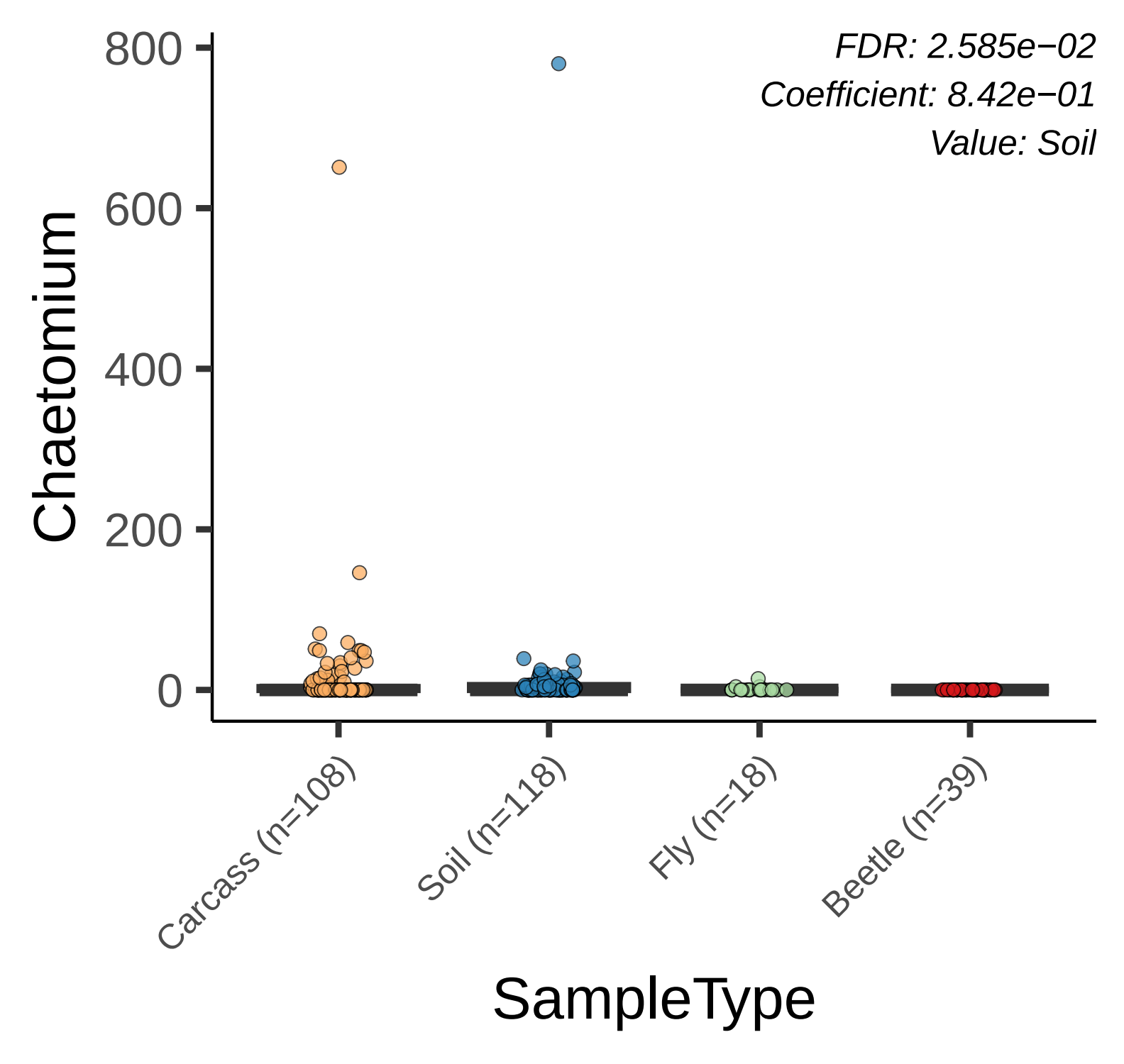

FDR: 2.256e−02
Coefficient: −1.49e+00
Value: Beetle
Calcarisporiellaceae_gen_Incertae_sedis
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

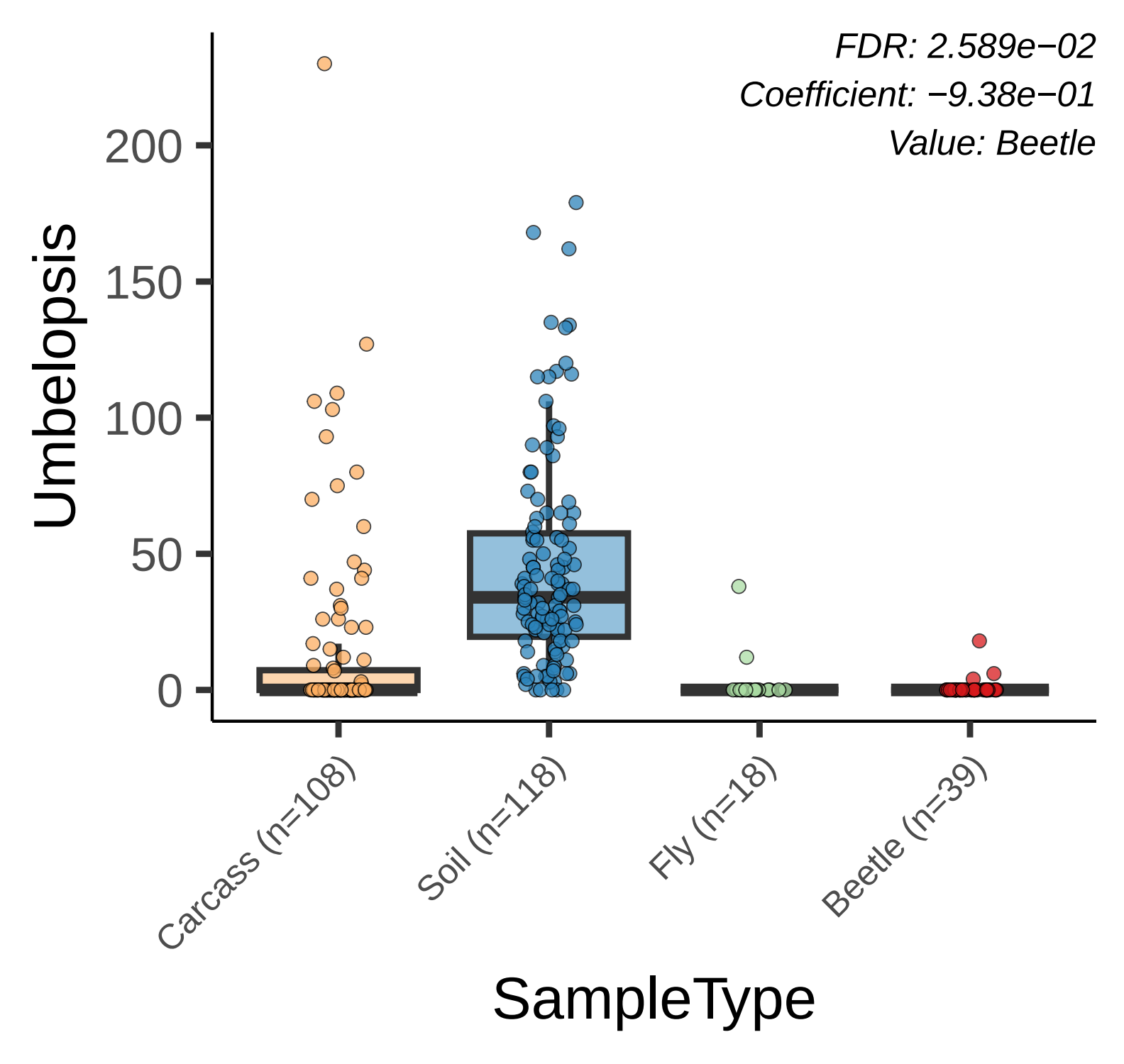

FDR: 2.276e−02
Coefficient: −1.25e+00
Value: Beetle
Stachybotrys
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

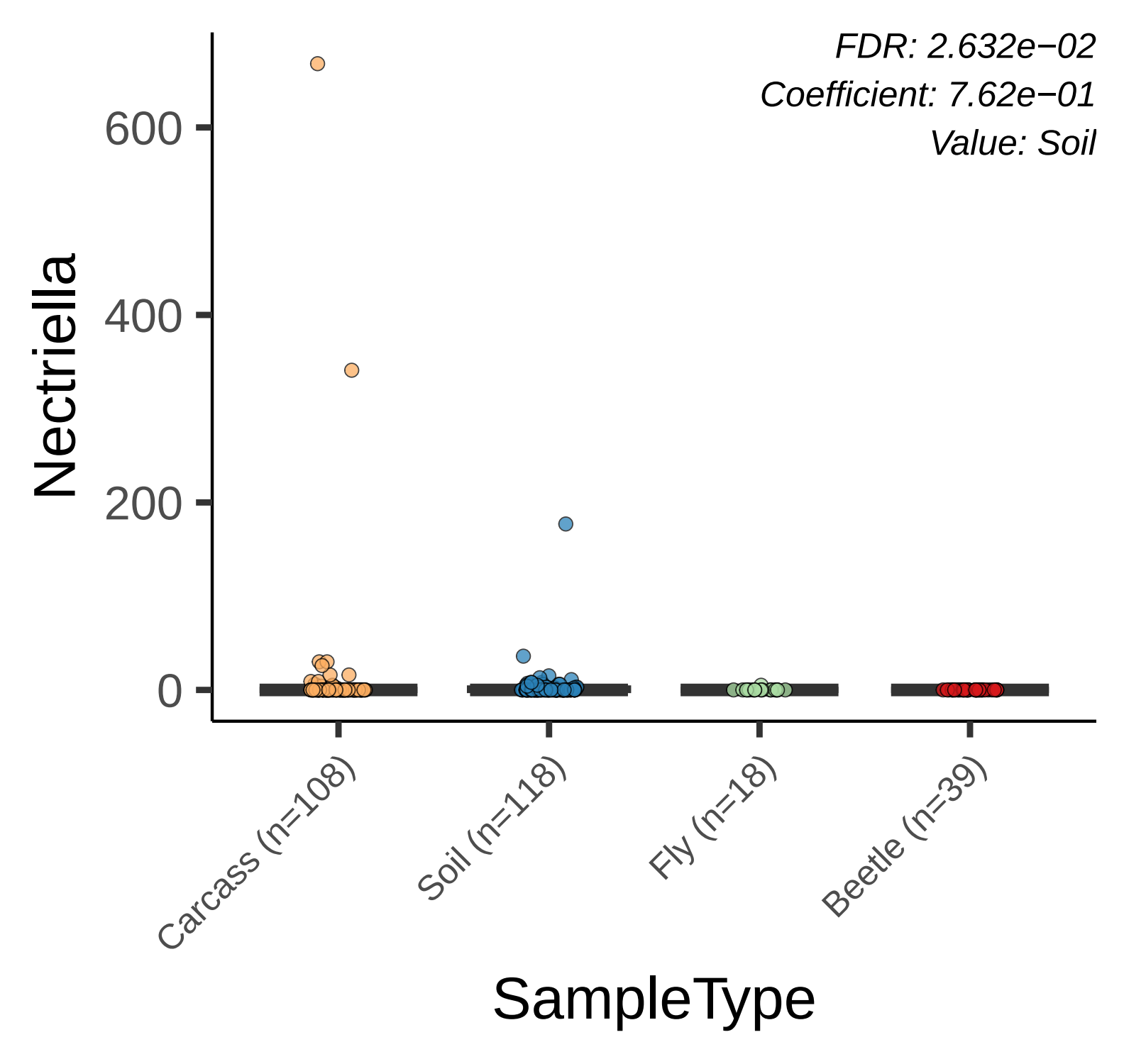

FDR: 2.380e−02
Coefficient: 1.47e+00
Value: Fly
Pichia
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

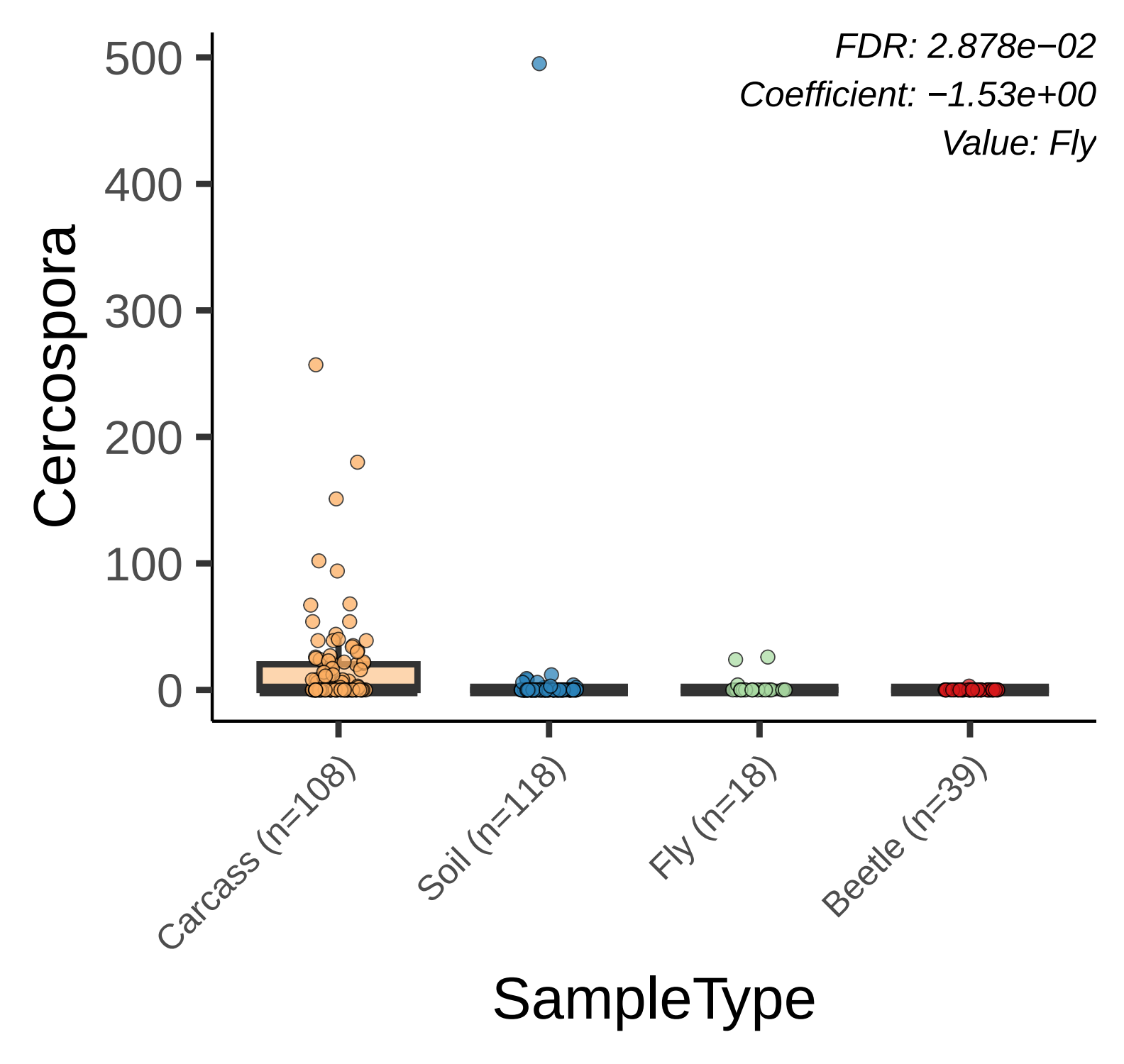

FDR: 2.481e−02
Coefficient: 3.48e−01
Value: Soil
Acrospermum
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

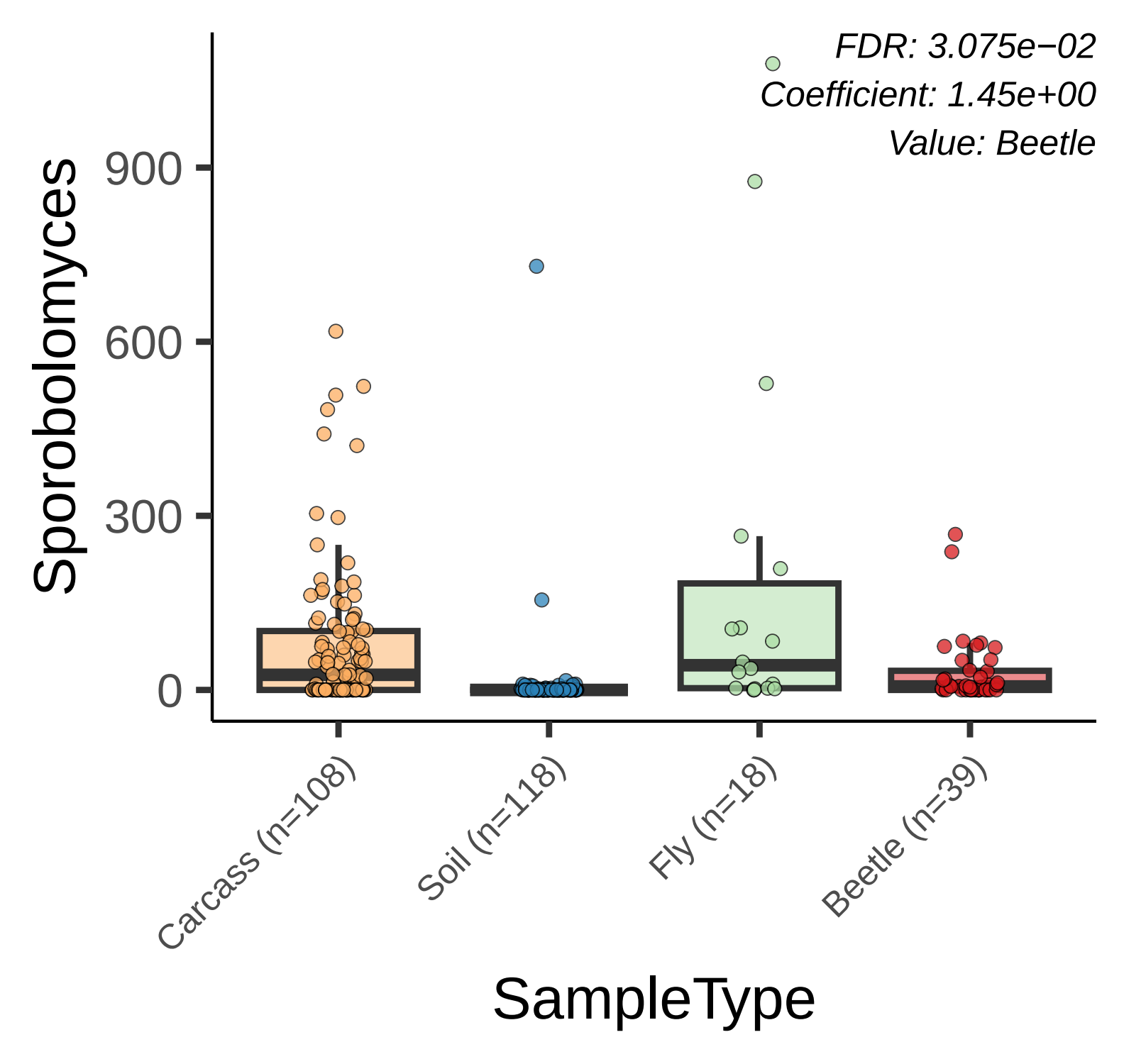

FDR: 2.500e−02
Coefficient: −1.62e+00
Value: Fly
Clavaria
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

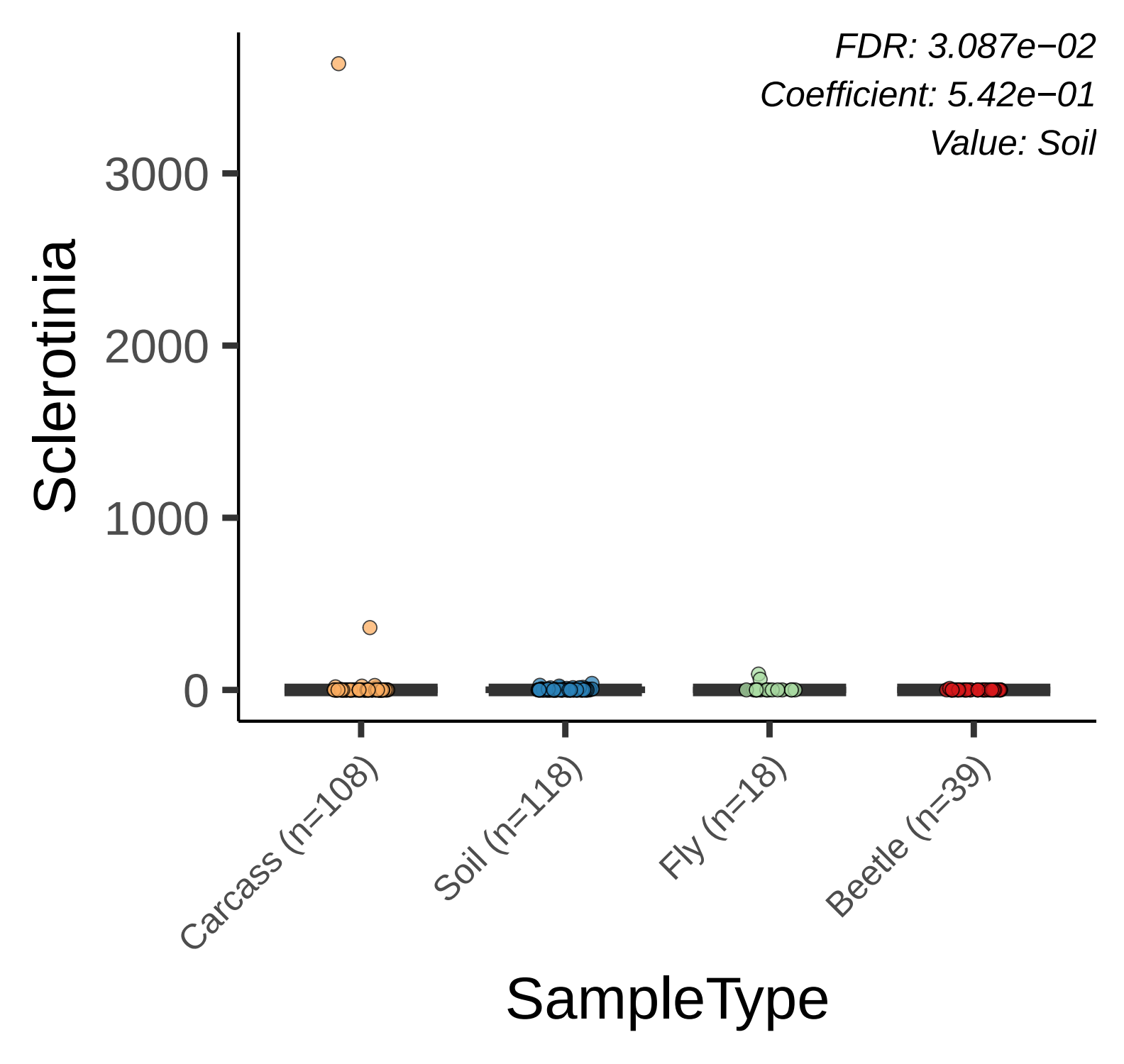

FDR: 2.585e−02
Coefficient: 8.42e−01
Value: Soil
Chaetomium
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

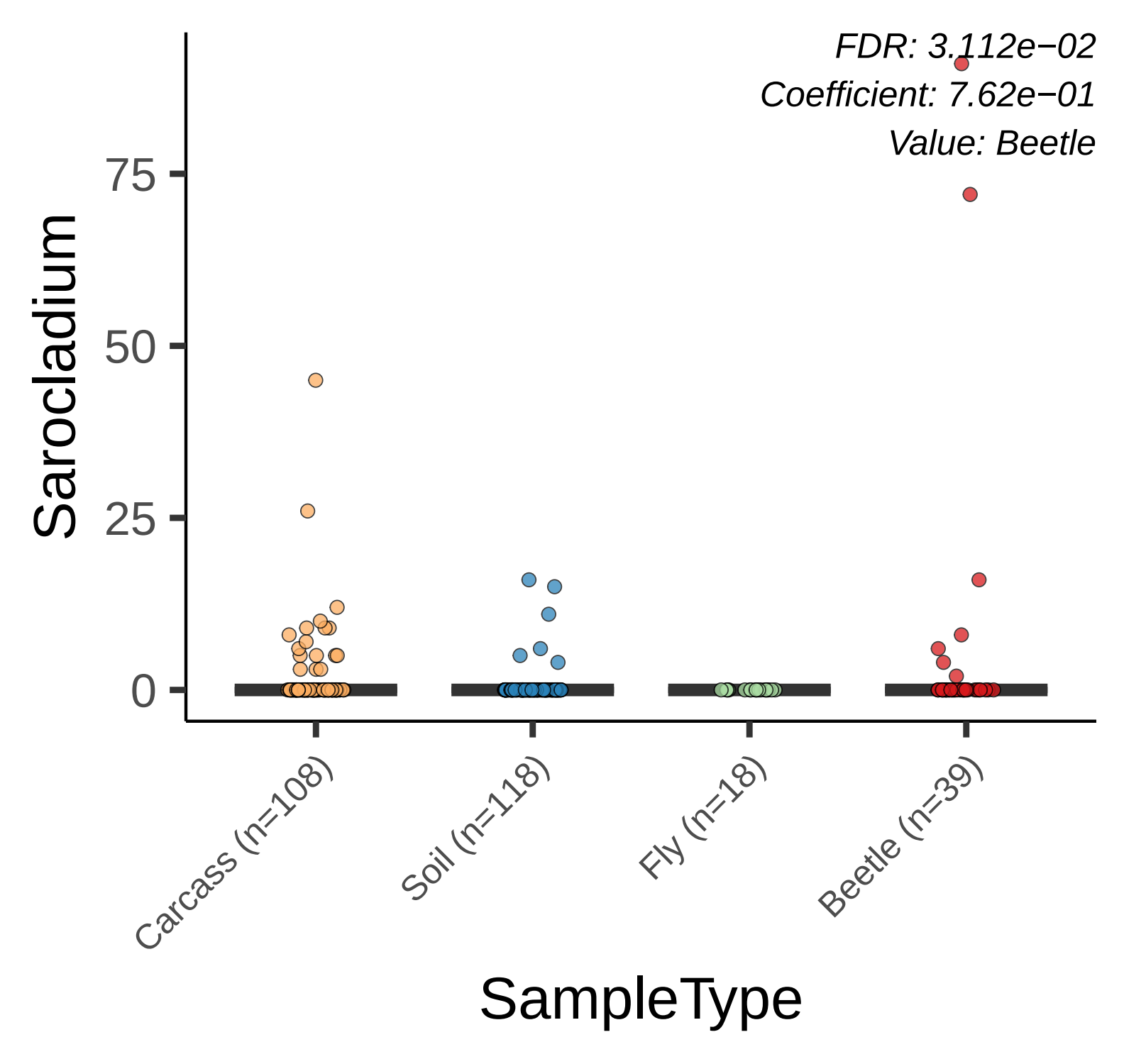

FDR: 2.589e−02
Coefficient: −9.38e−01
Value: Beetle
Umbelopsis
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

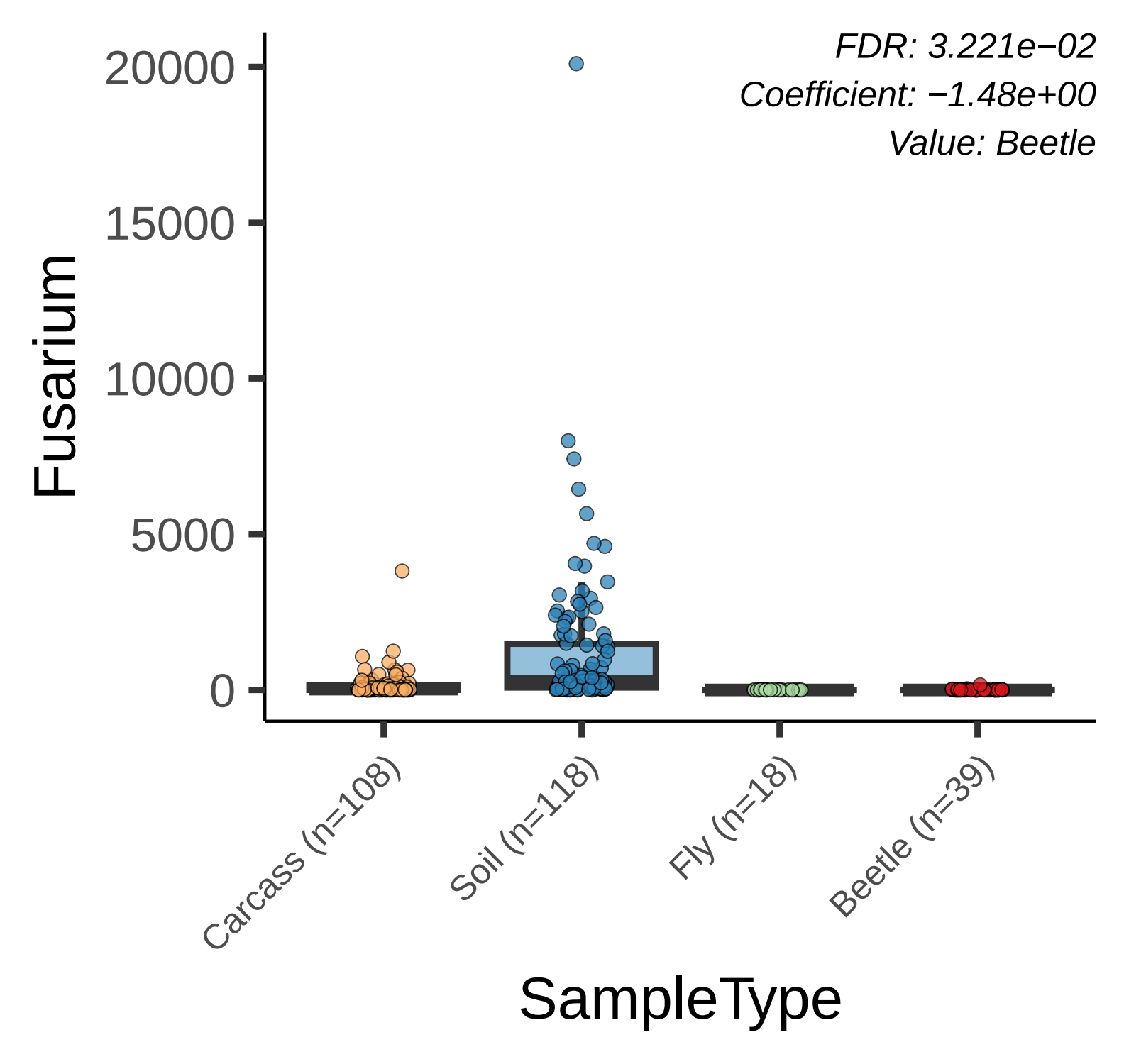

FDR: 2.632e−02
Coefficient: 7.62e−01
Value: Soil
Nectriella
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

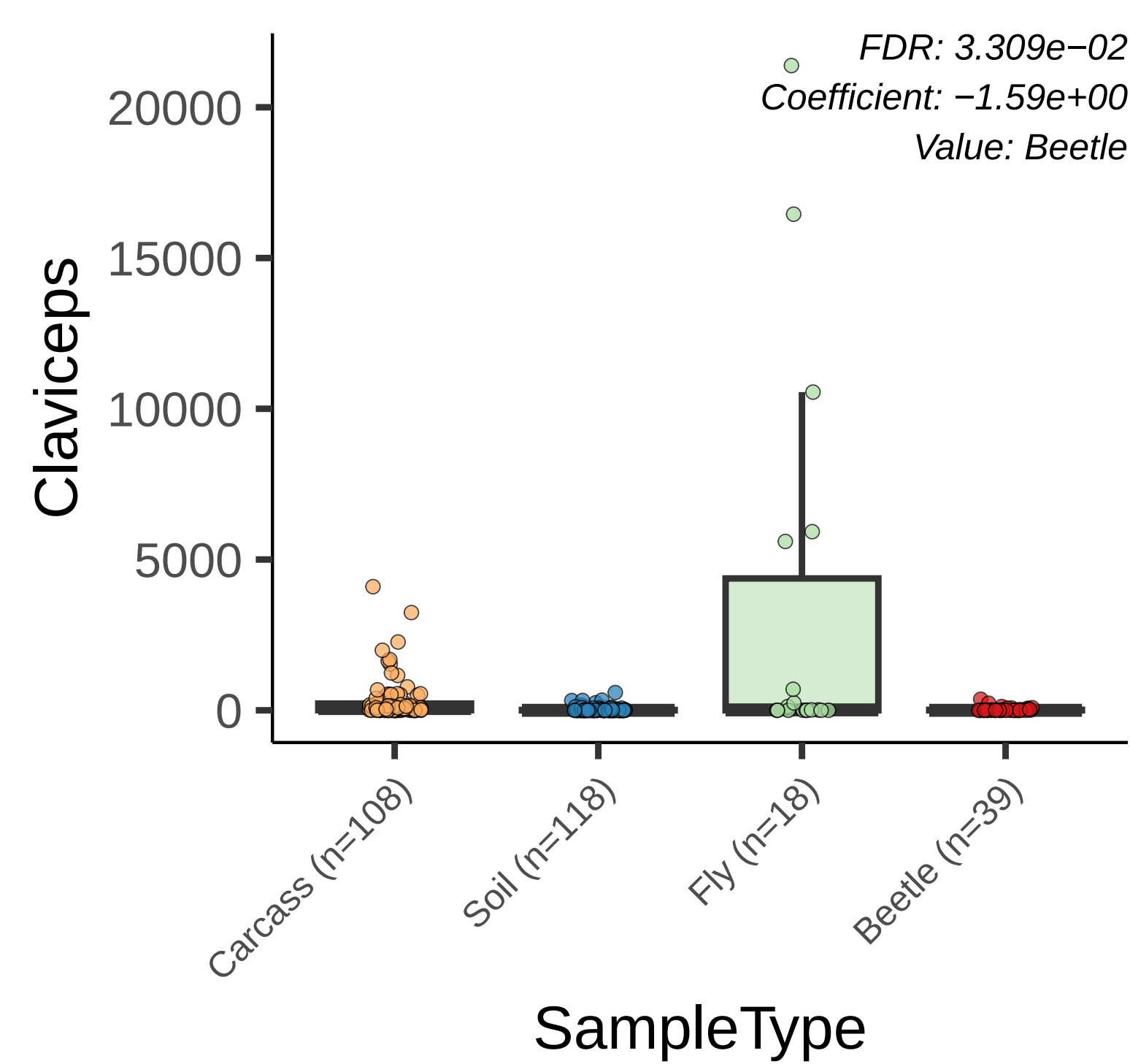

FDR: 2.878e−02
Coefficient: −1.53e+00
Value: Fly
Cercospora
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

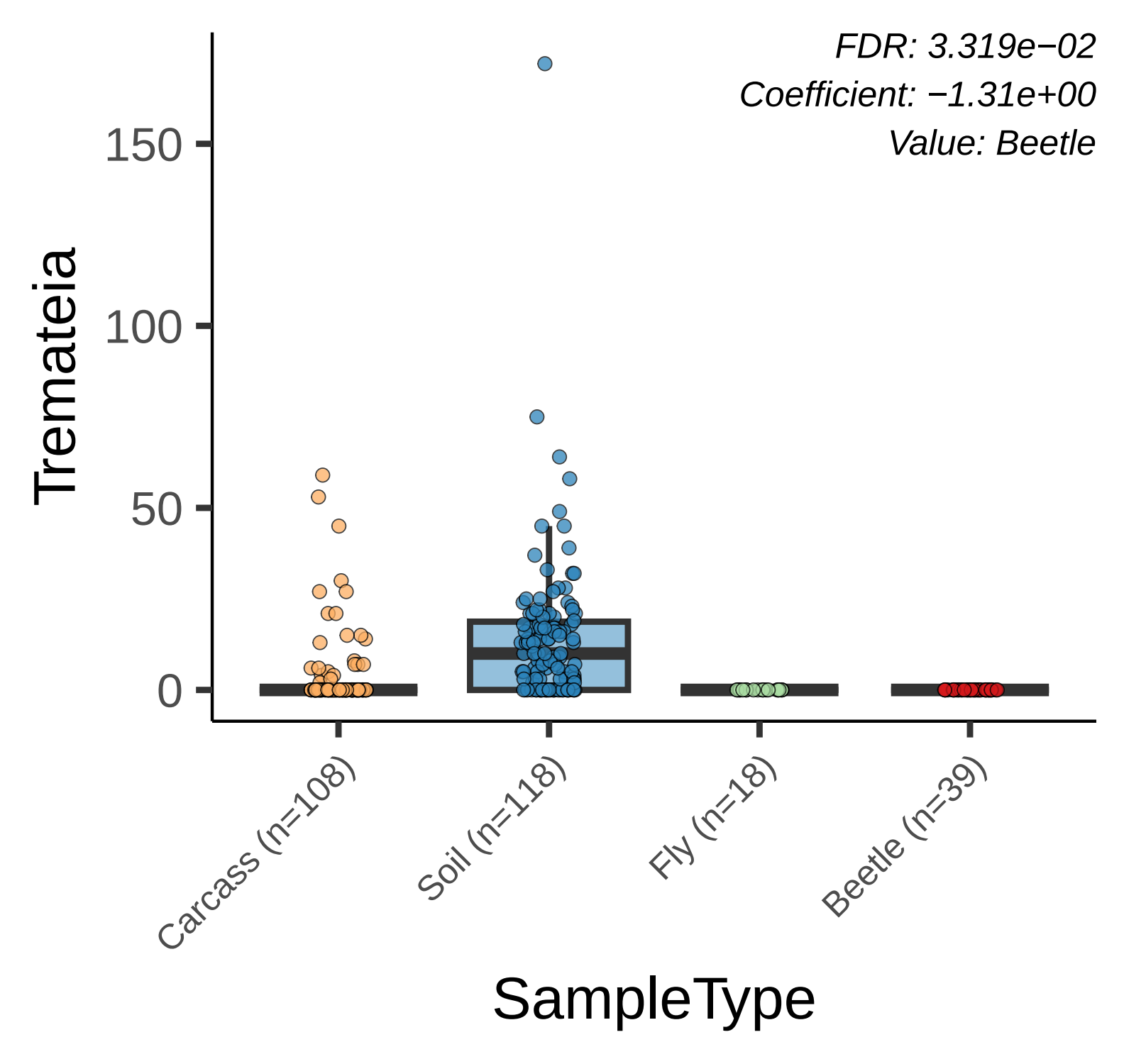

FDR: 3.075e−02
Coefficient: 1.45e+00
Value: Beetle
Sporobolomyces
900
600
300
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

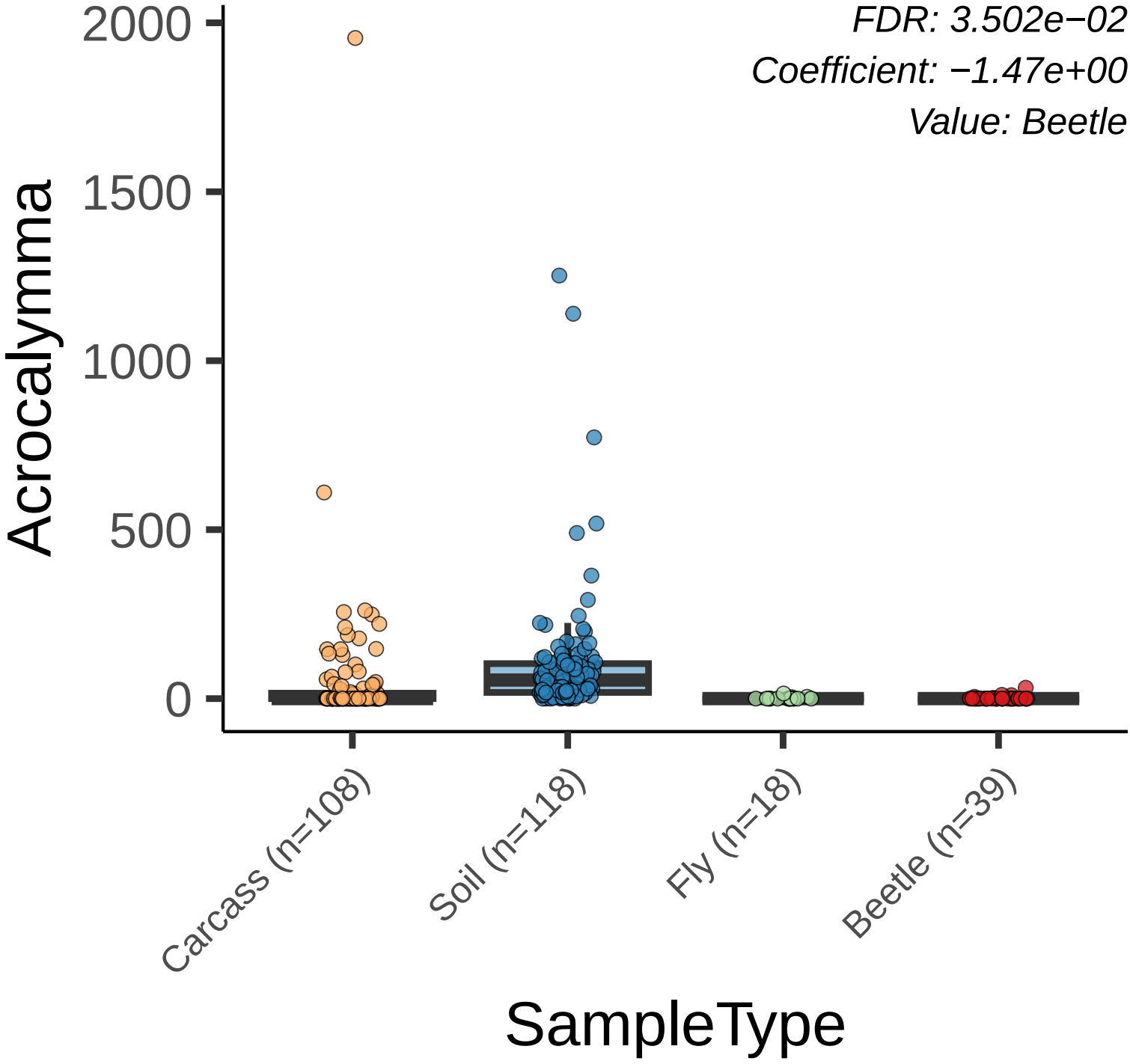

FDR: 3.087e−02
Coefficient: 5.42e−01
Value: Soil
Sclerotinia
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

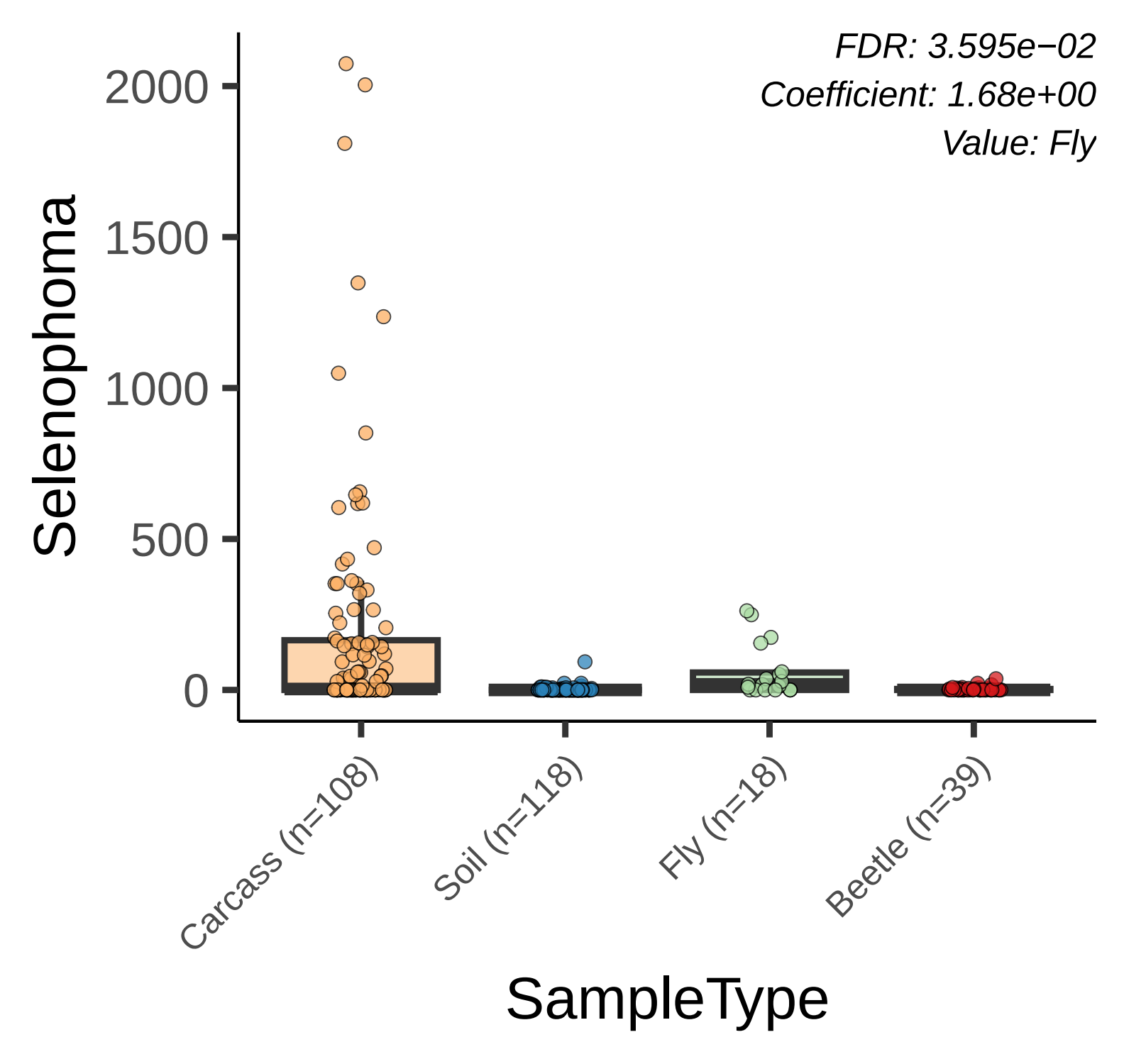

FDR: 3.112e−02
Coefficient: 7.62e−01
Value: Beetle
Saroclad
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

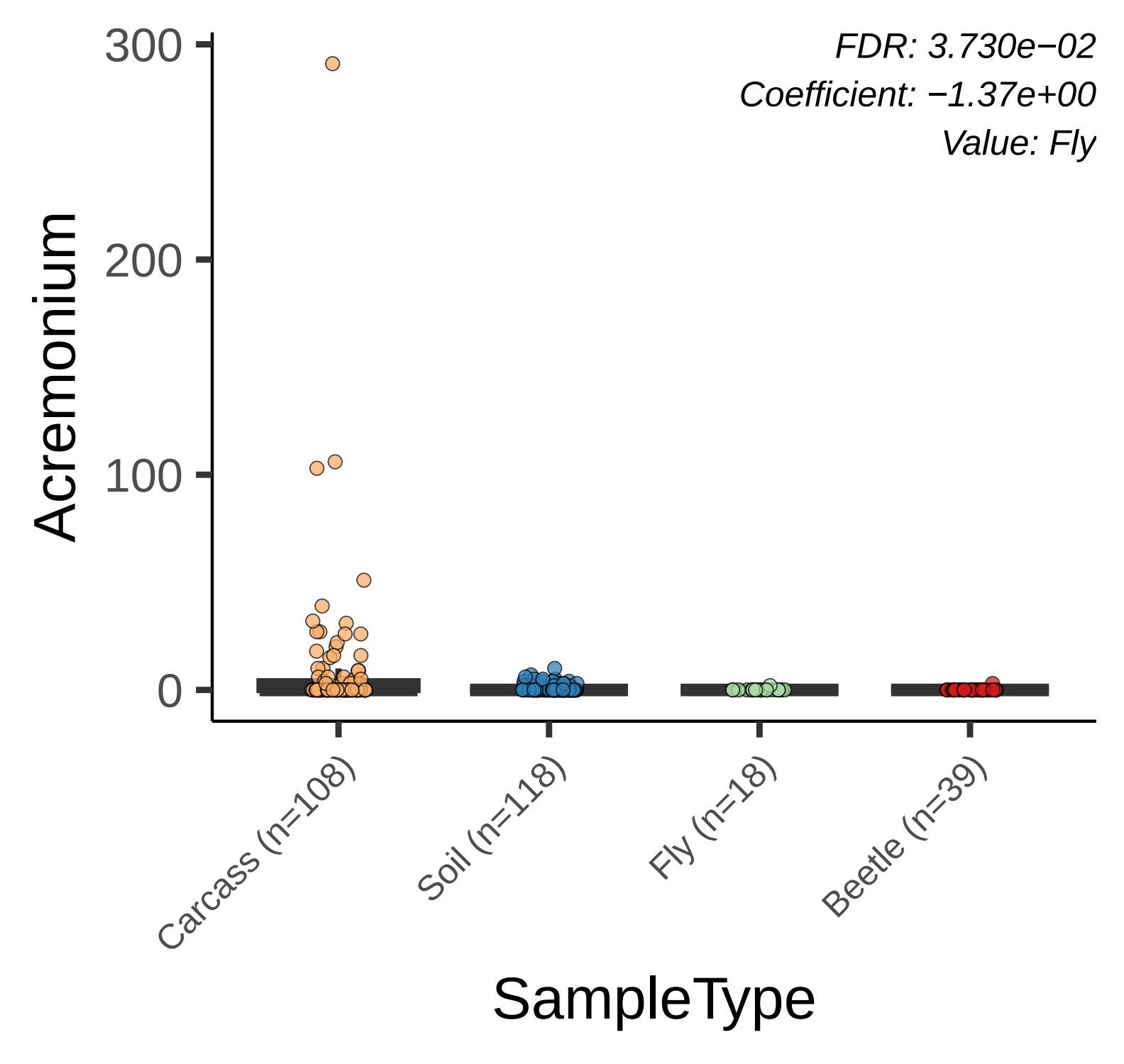

FDR: 3.221e−02
Coefficient: −1.48e+00
Value: Beetle
Fusarium
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

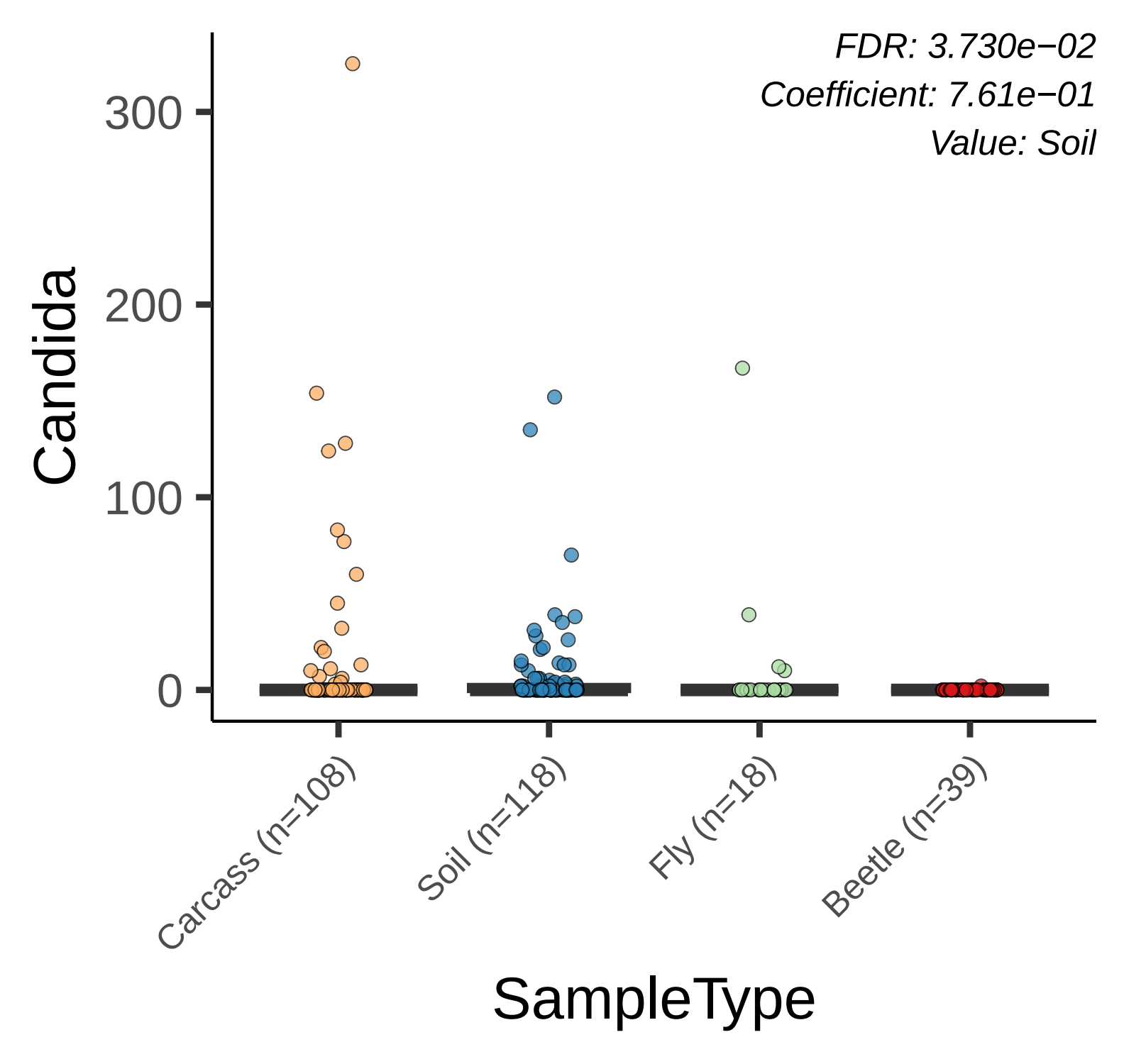

FDR: 3.309e−02
Coefficient: −1.59e+00
Value: Beetle
Claviceps
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

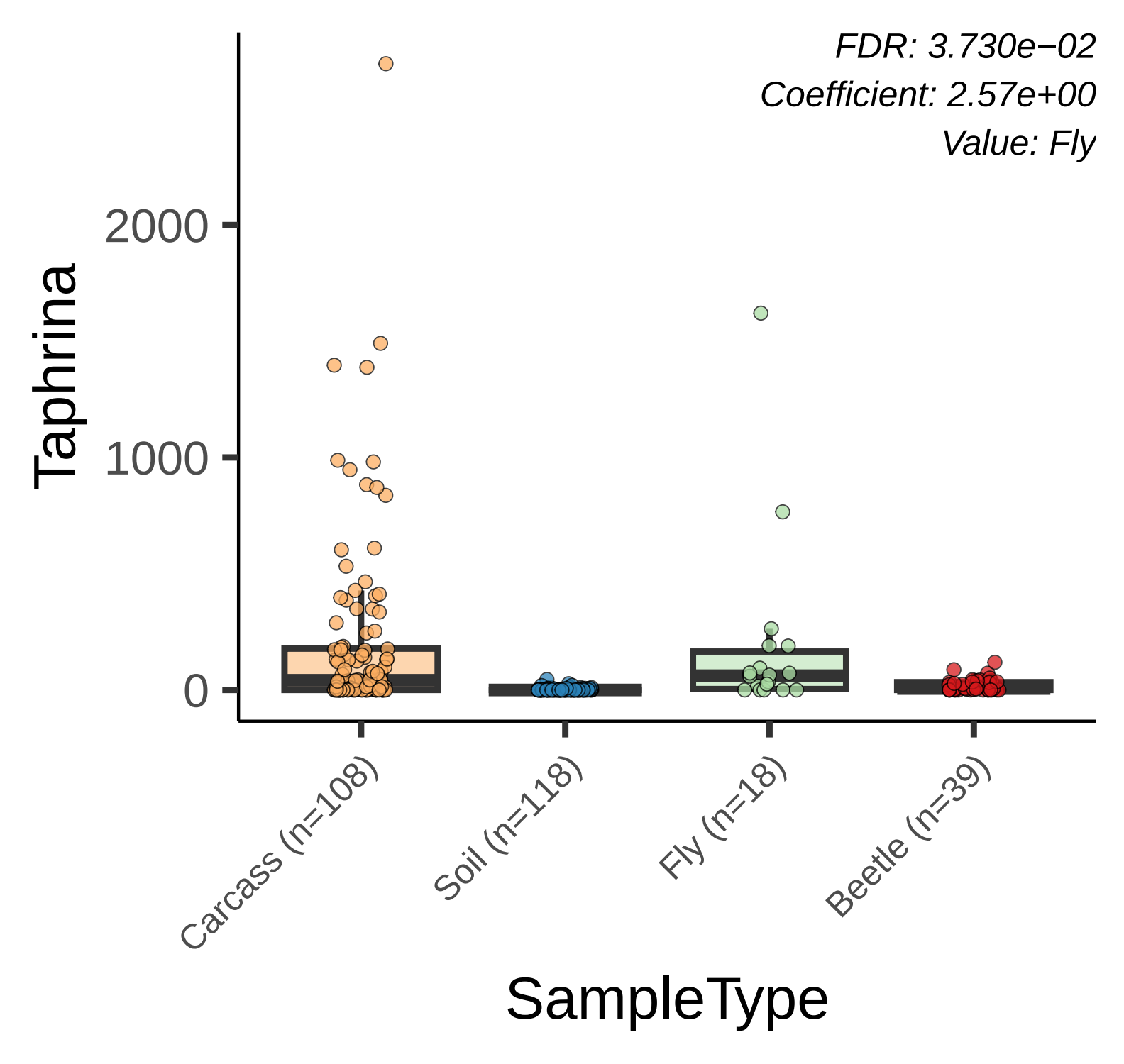

FDR: 3.319e−02
Coefficient: −1.31e+00
Value: Beetle
Trematei
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

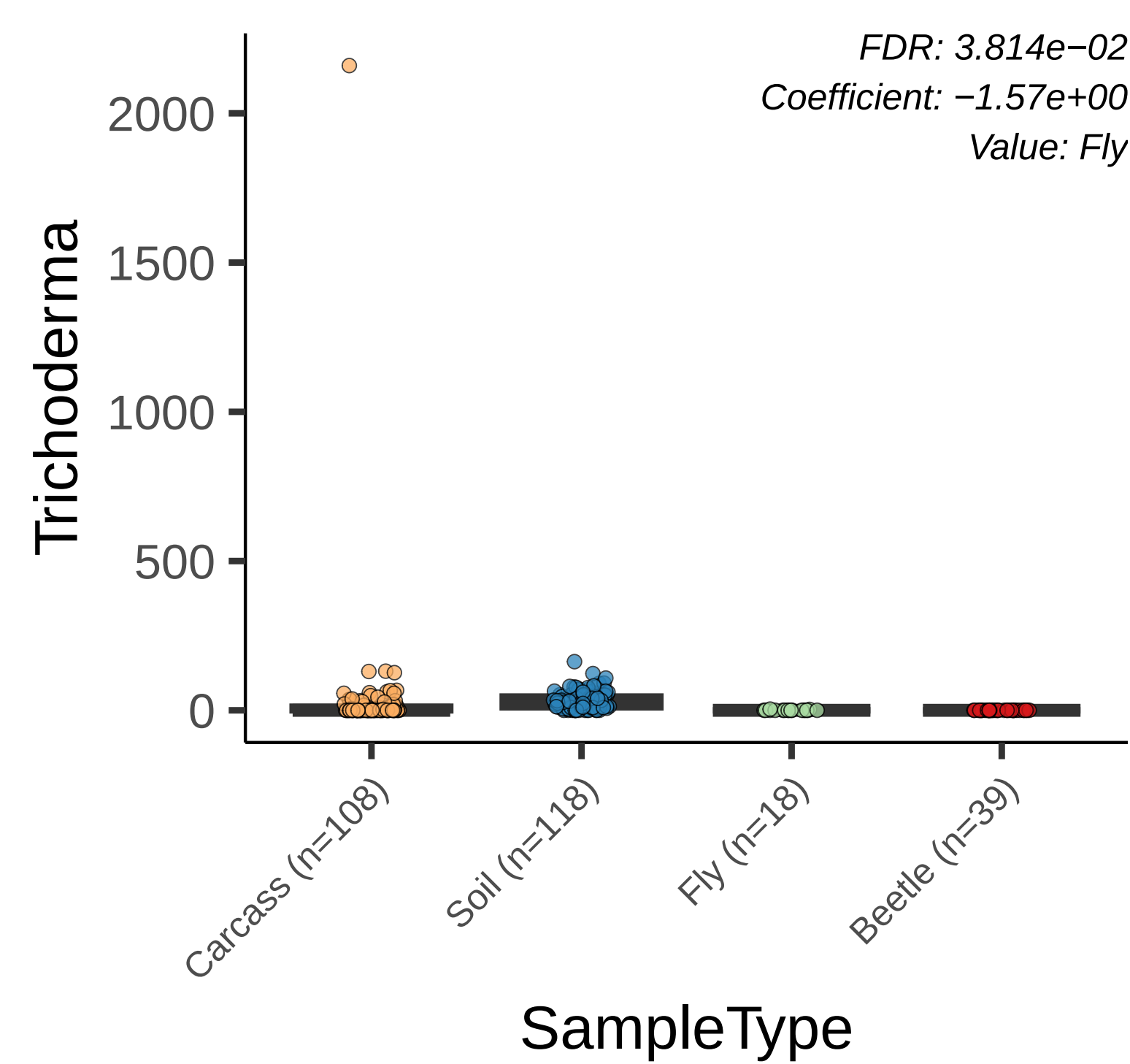

FDR: 3.502e−02
Coefficient: −1.47e+00
Value: Beetle
Acrocalymma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

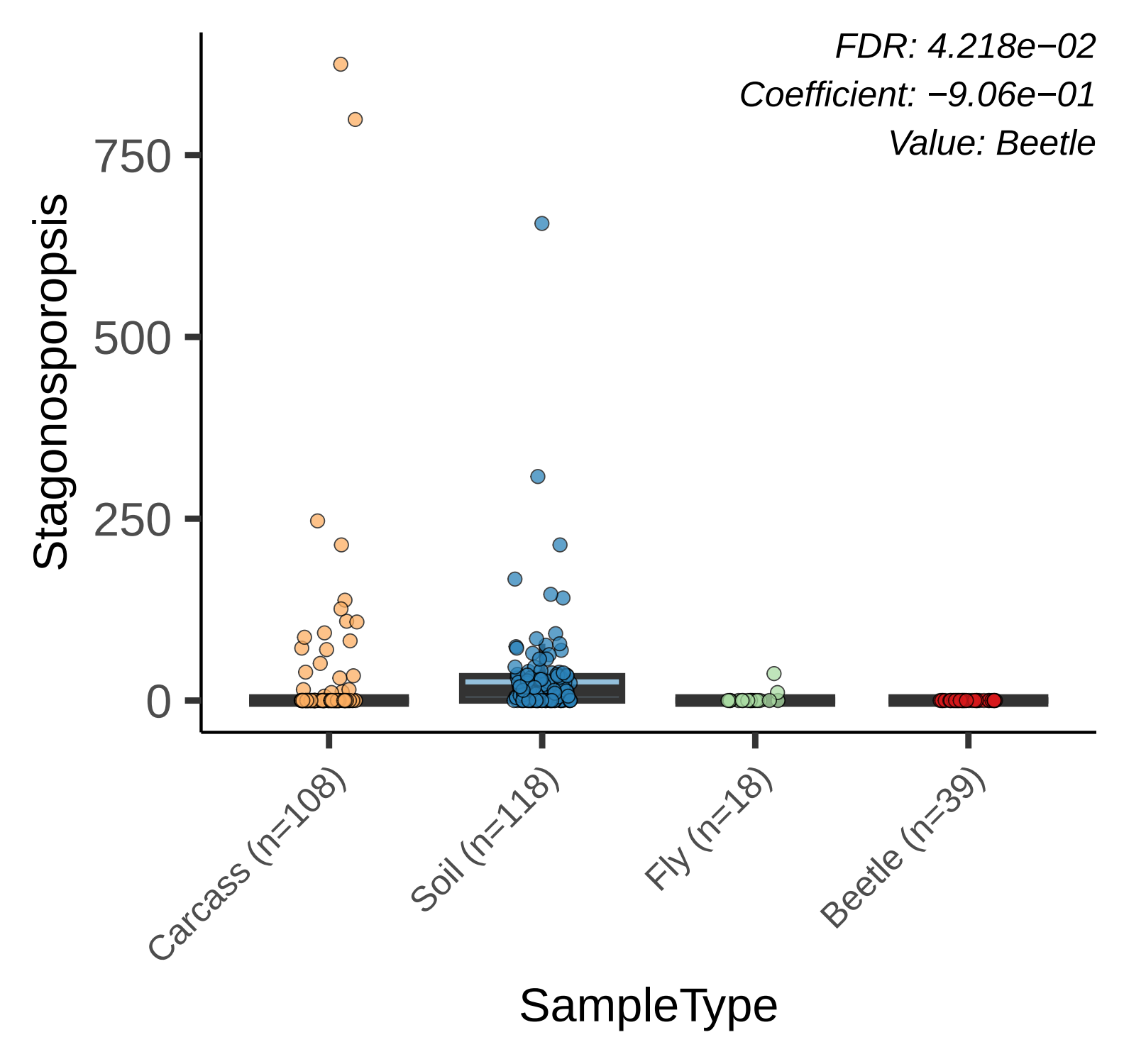

FDR: 3.595e−02
Coefficient: 1.68e+00
Value: Fly
Selenophoma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

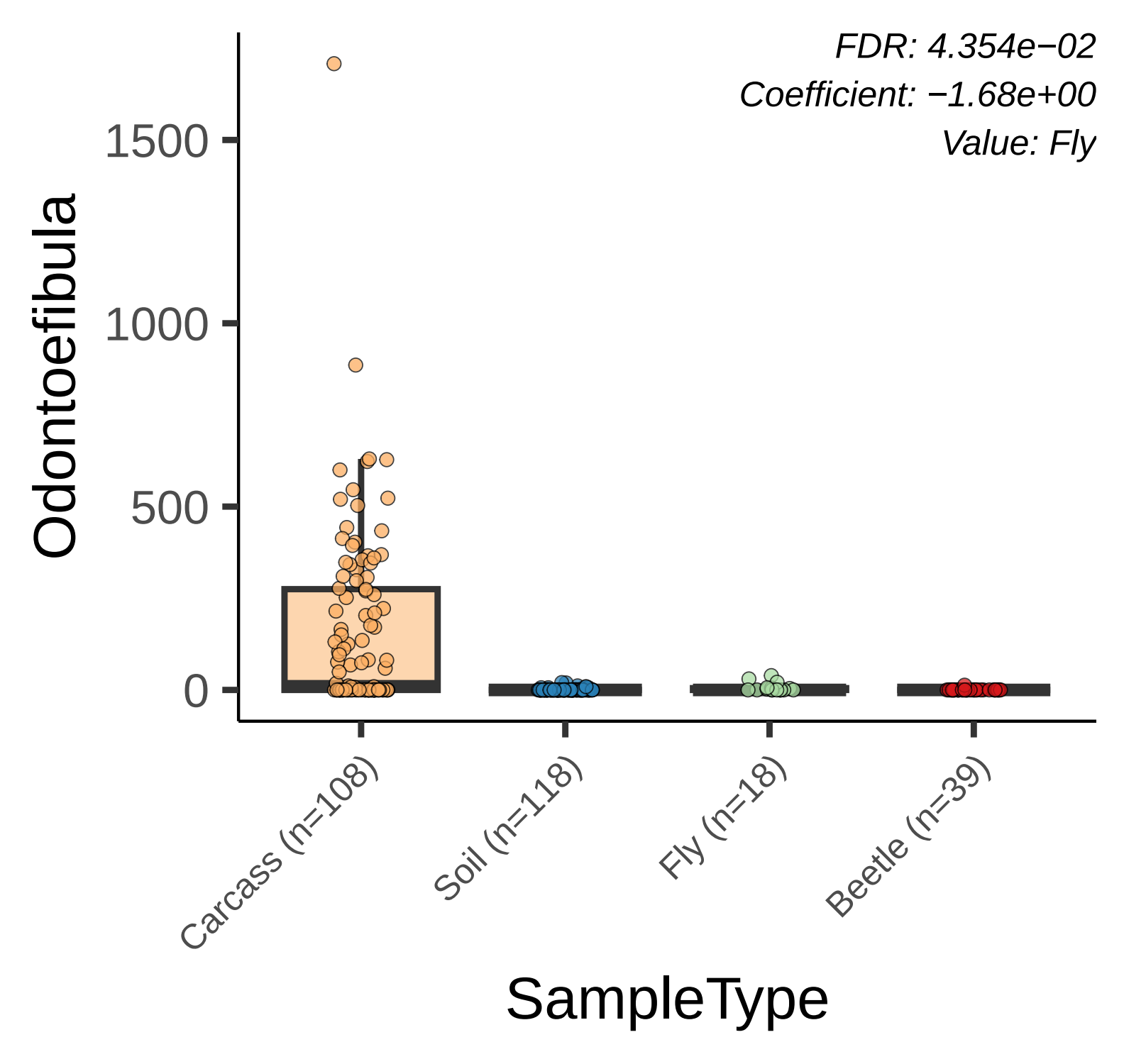

FDR: 3.730e−02
Coefficient: −1.37e+00
Value: Fly
Acremonium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

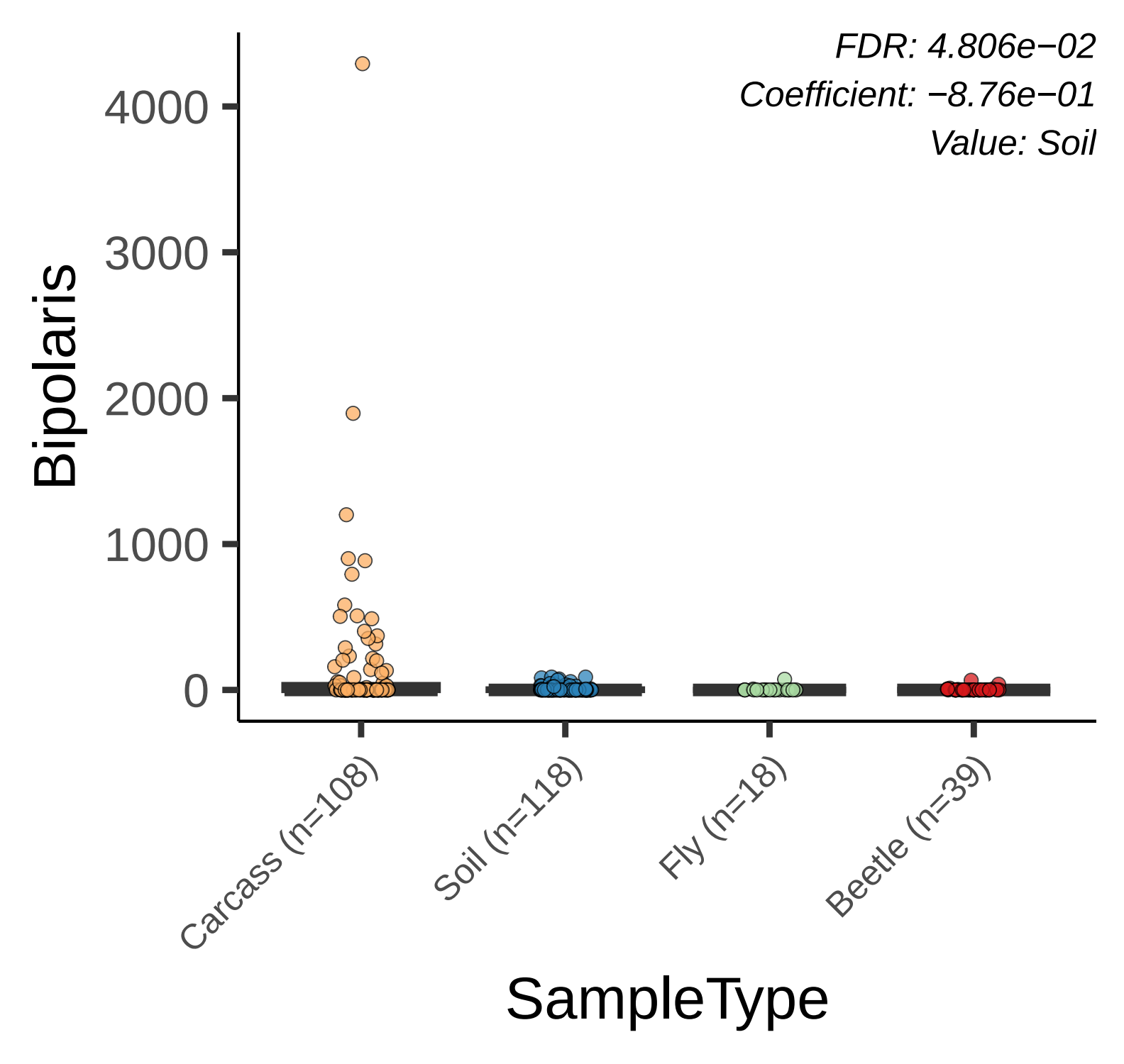

FDR: 3.730e−02
Coefficient: 7.61e−01
Value: Soil
Candida
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

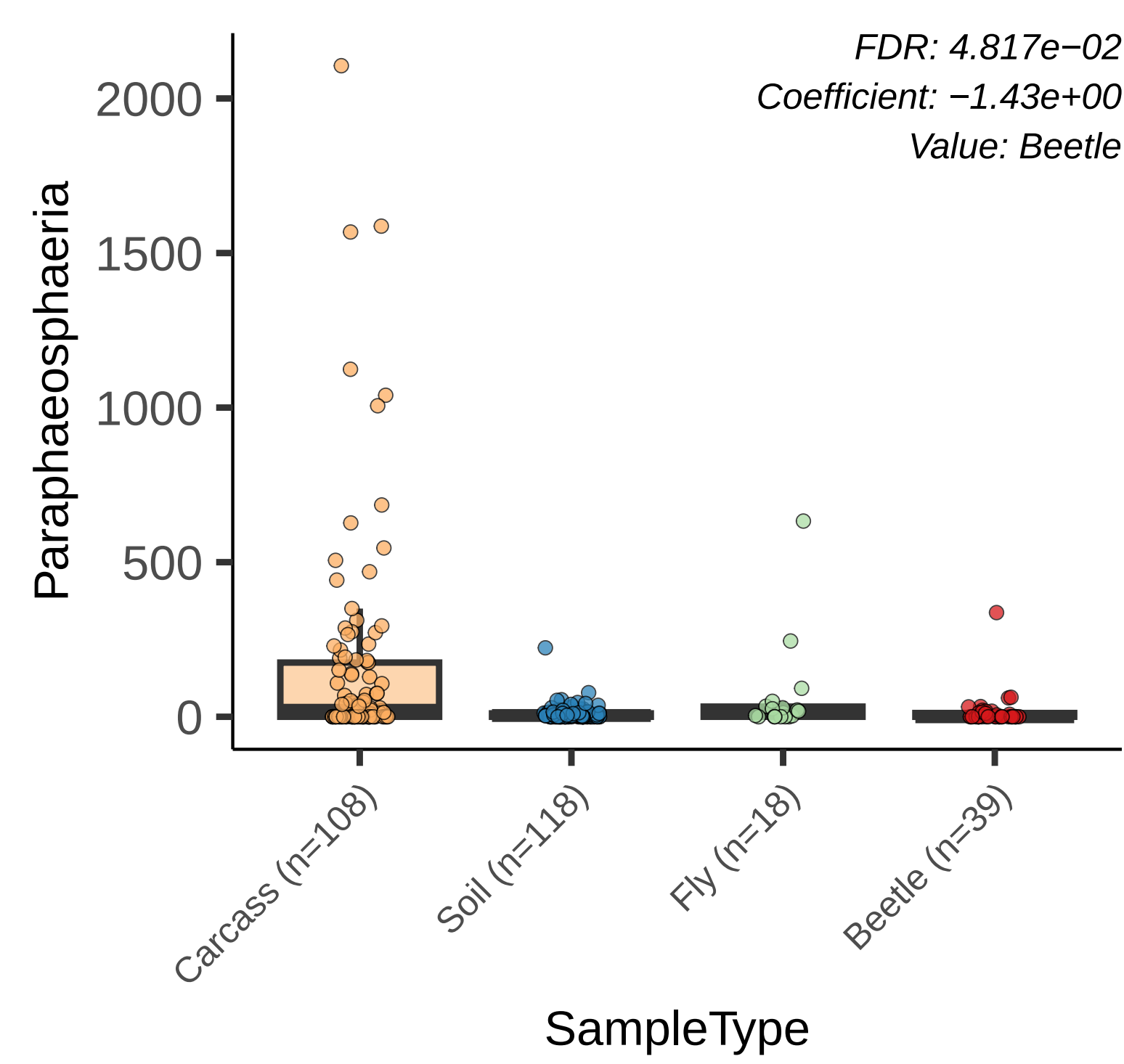

FDR: 3.730e−02
Coefficient: 2.57e+00
Value: Fly
Taphrina
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

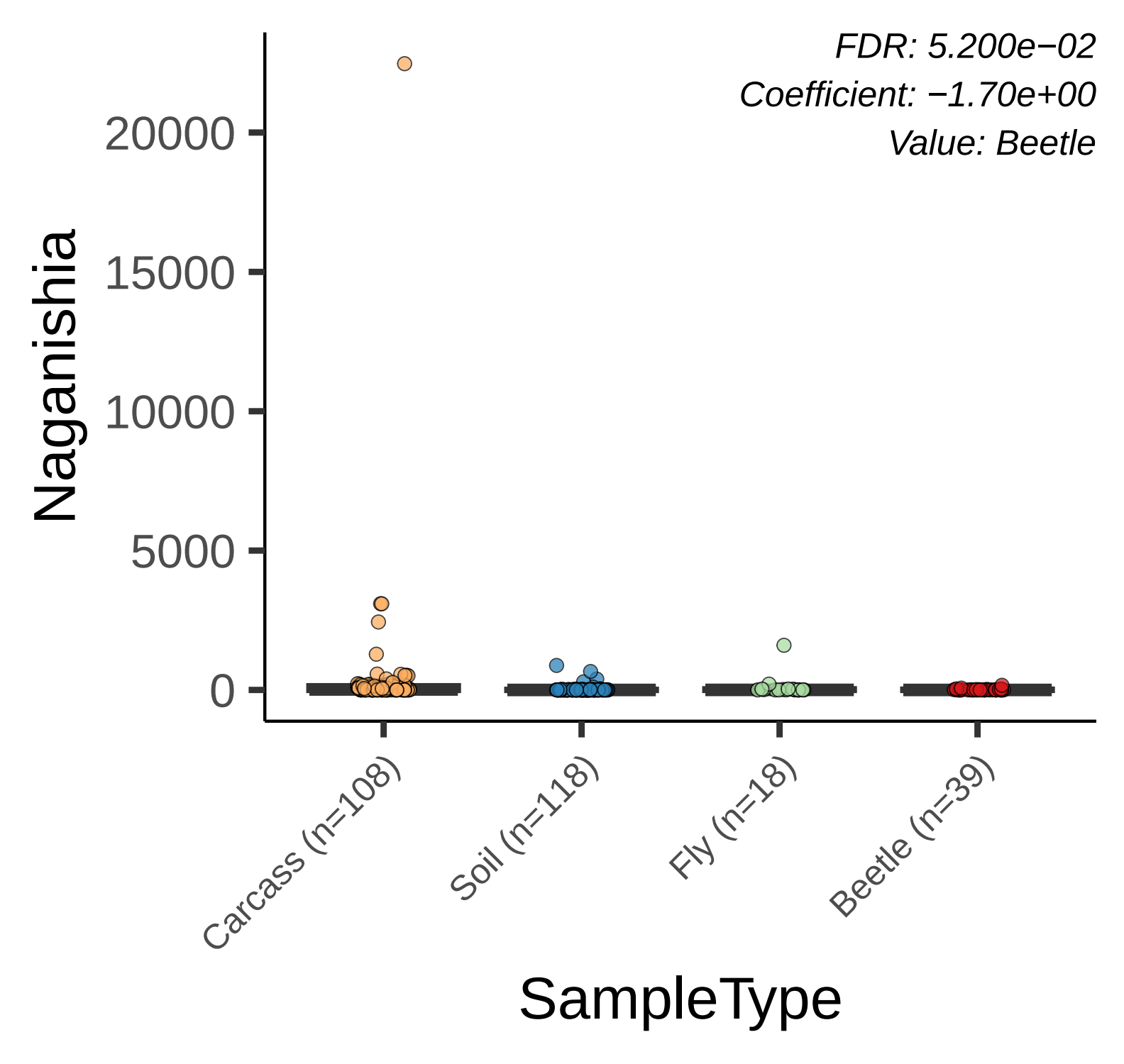

FDR: 3.814e−02
Coefficient: −1.57e+00
Value: Fly
Trichoderma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

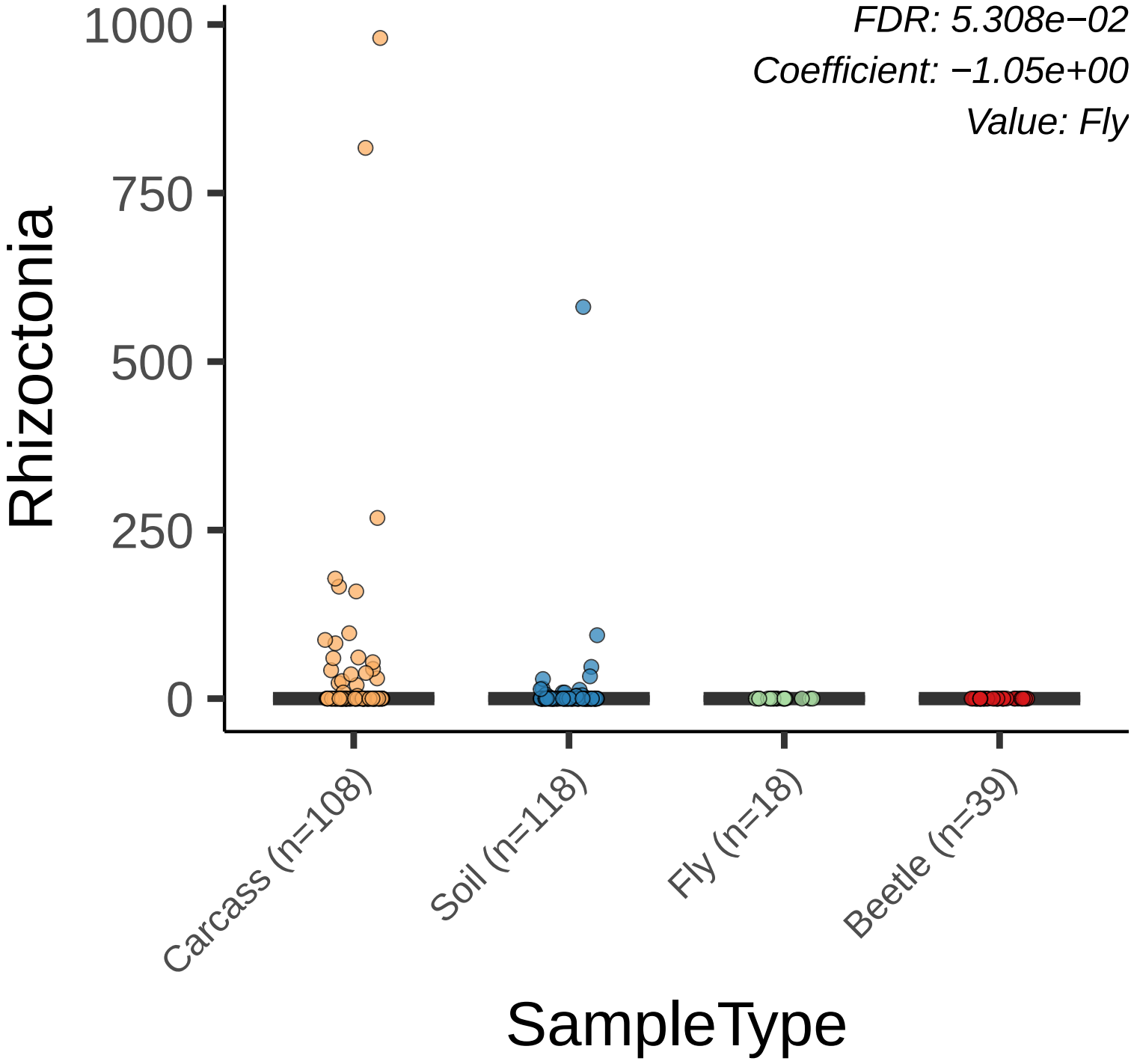

FDR: 4.218e−02
Coefficient: −9.06e−01
Value: Beetle
Stagonosporopsis
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

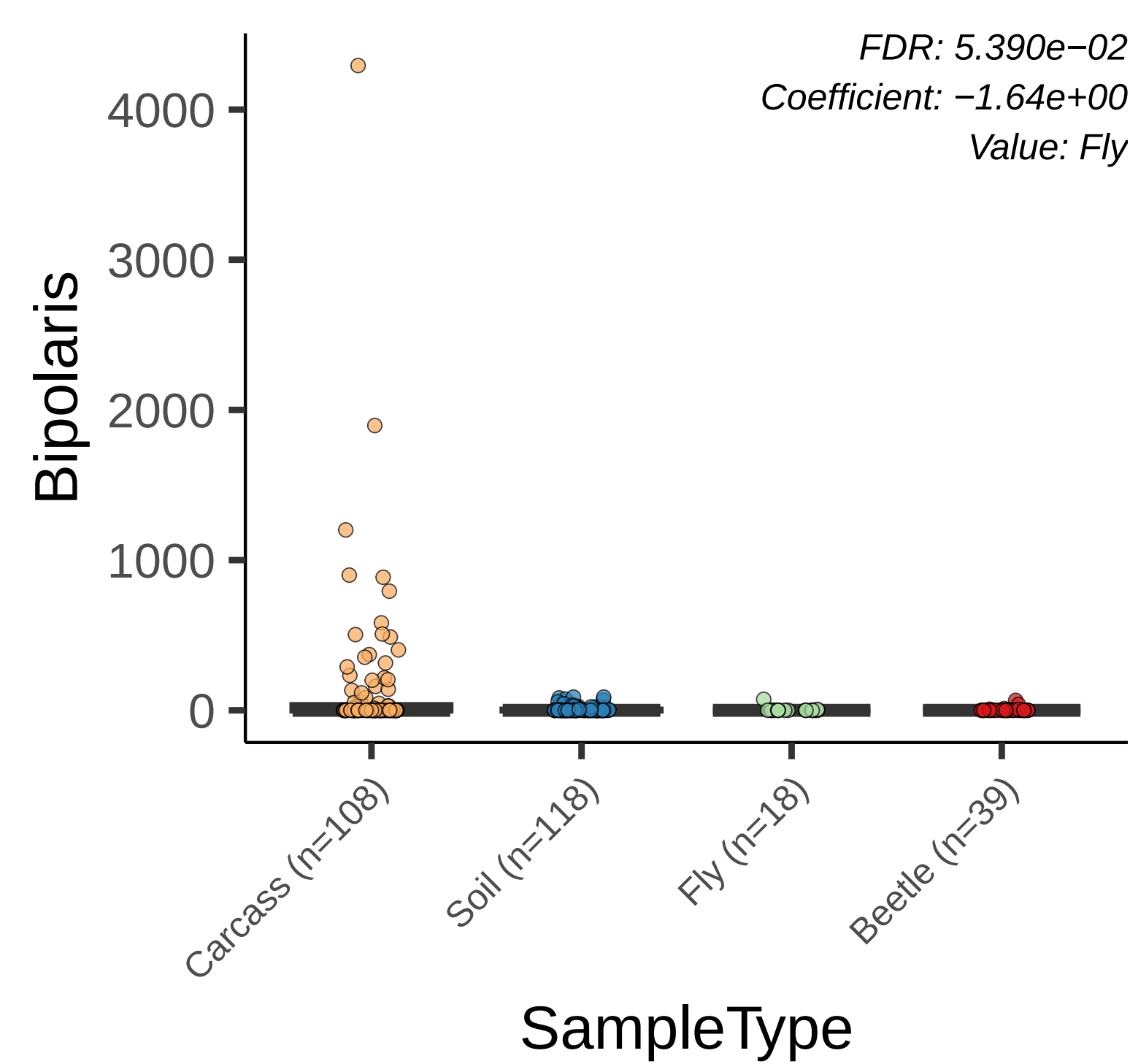

FDR: 4.354e−02
Coefficient: −1.68e+00
Value: Fly
Odontoefibula
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

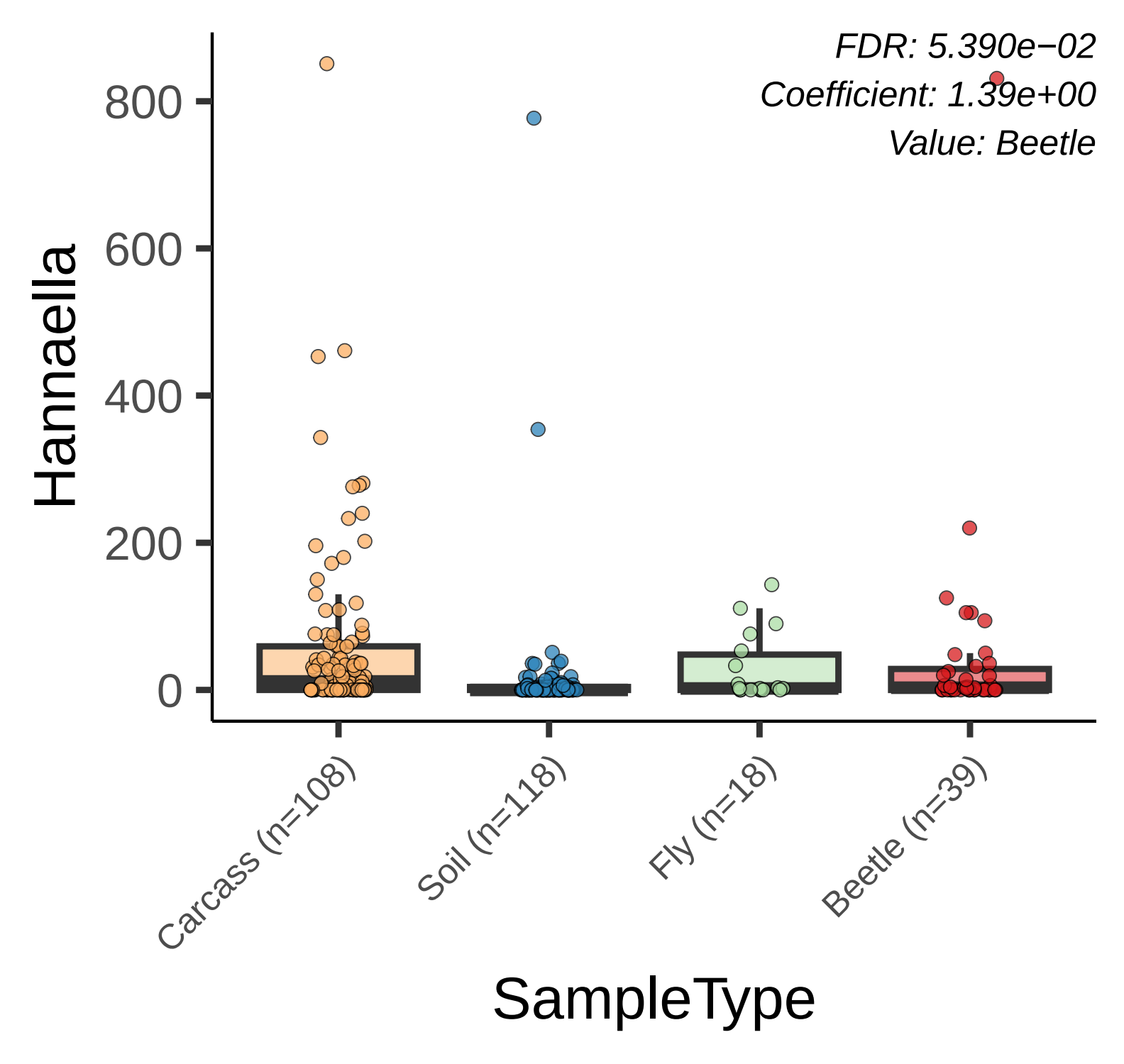

FDR: 4.806e−02
Coefficient: −8.76e−01
Value: Soil
Bipolaris
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

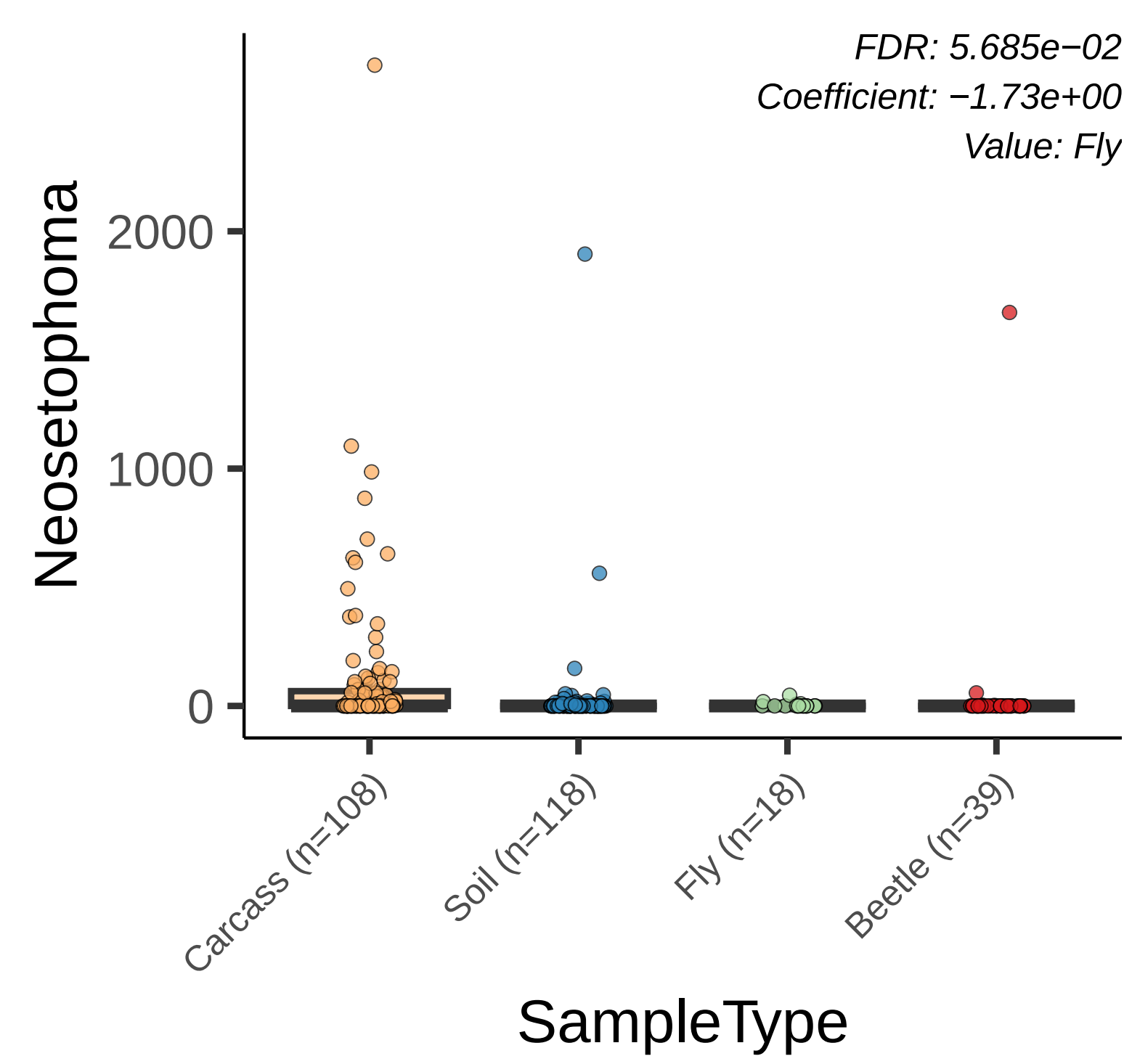

FDR: 4.817e−02
Coefficient: −1.43e+00
Value: Beetle
Paraphaeosphaeria
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

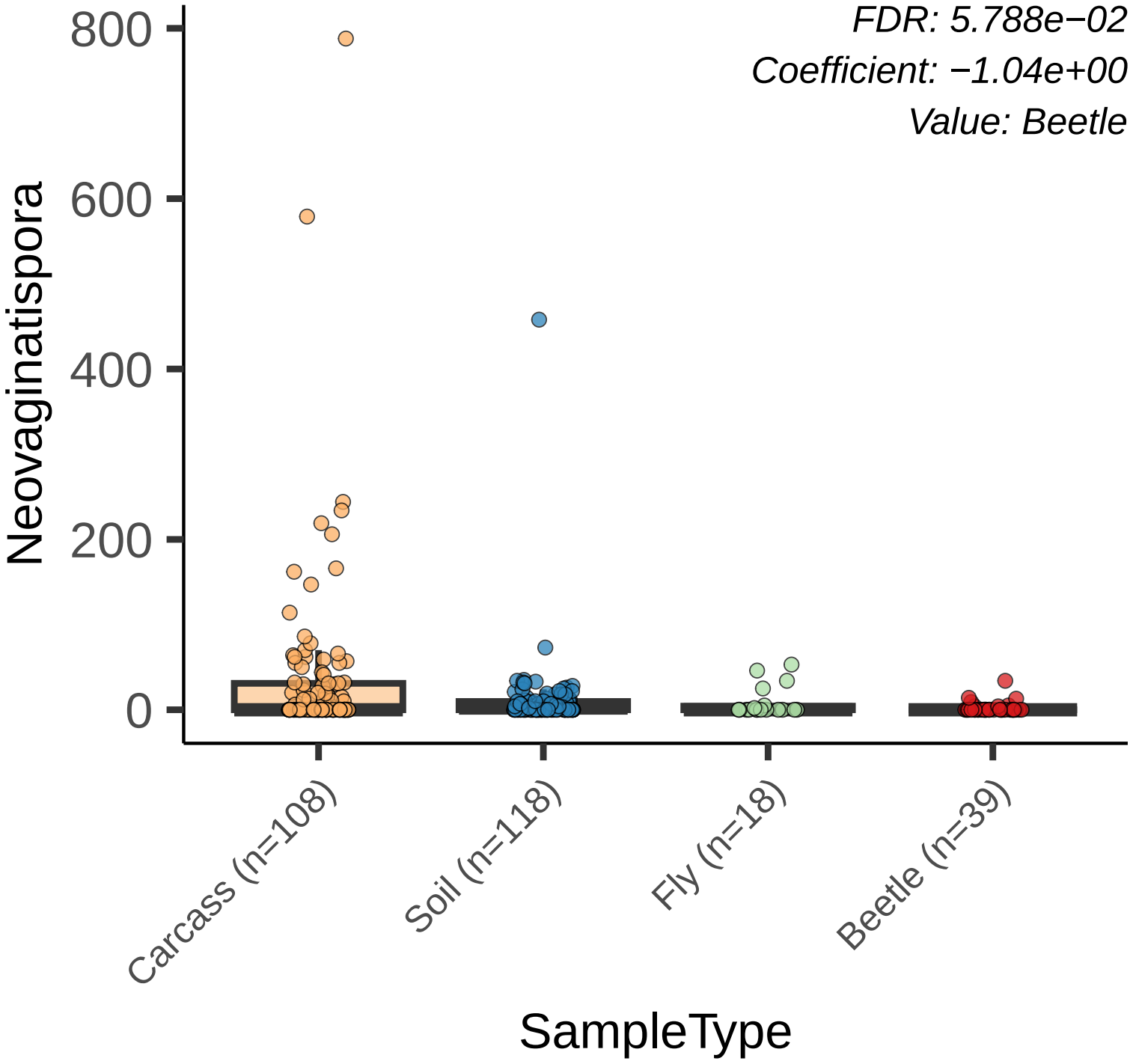

FDR: 5.200e−02
Coefficient: −1.70e+00
Value: Beetle
Naganishia
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

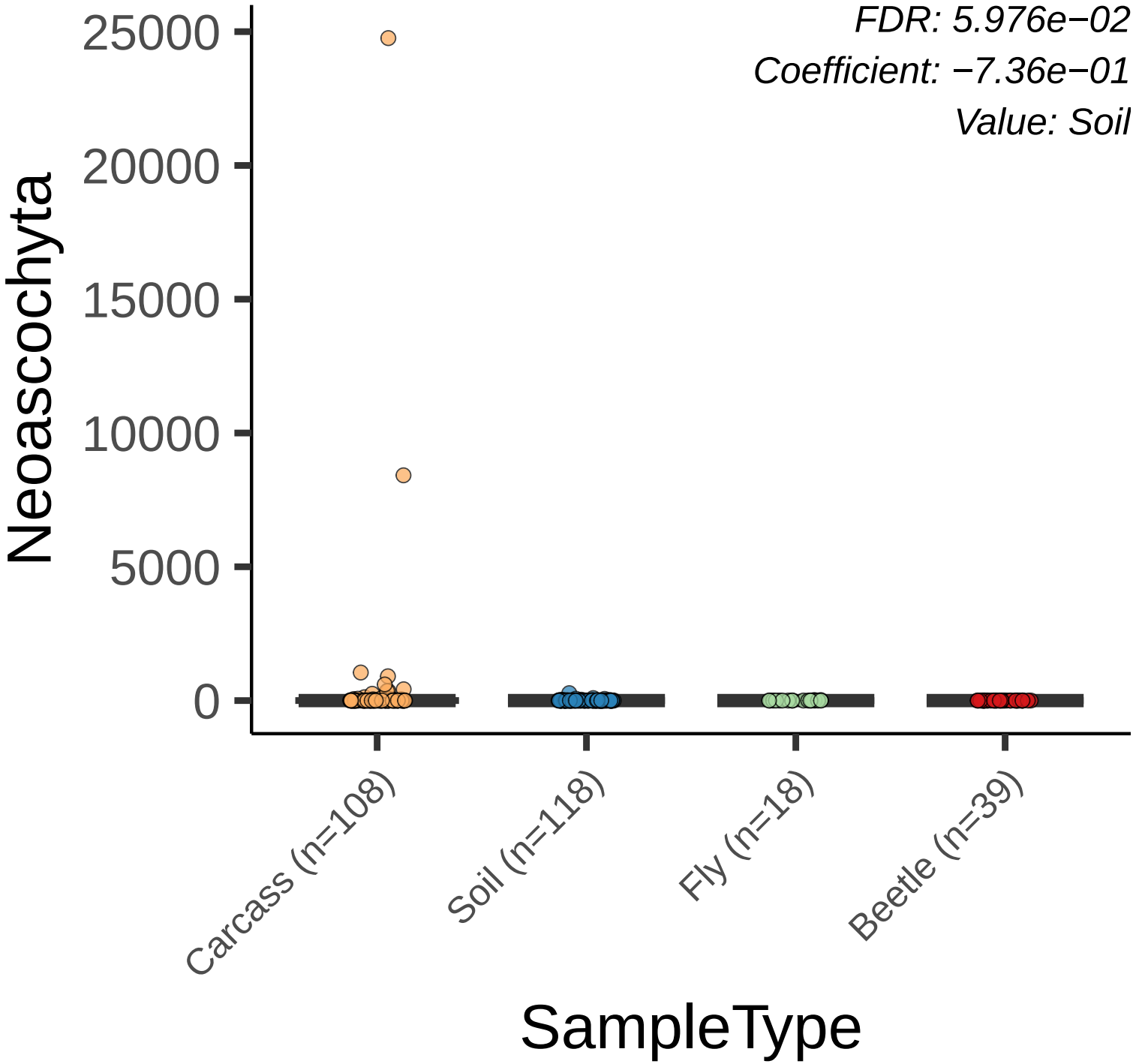

FDR: 5.308e−02
Coefficient: −1.05e+00
Value: Fly
Rhizoctonia
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

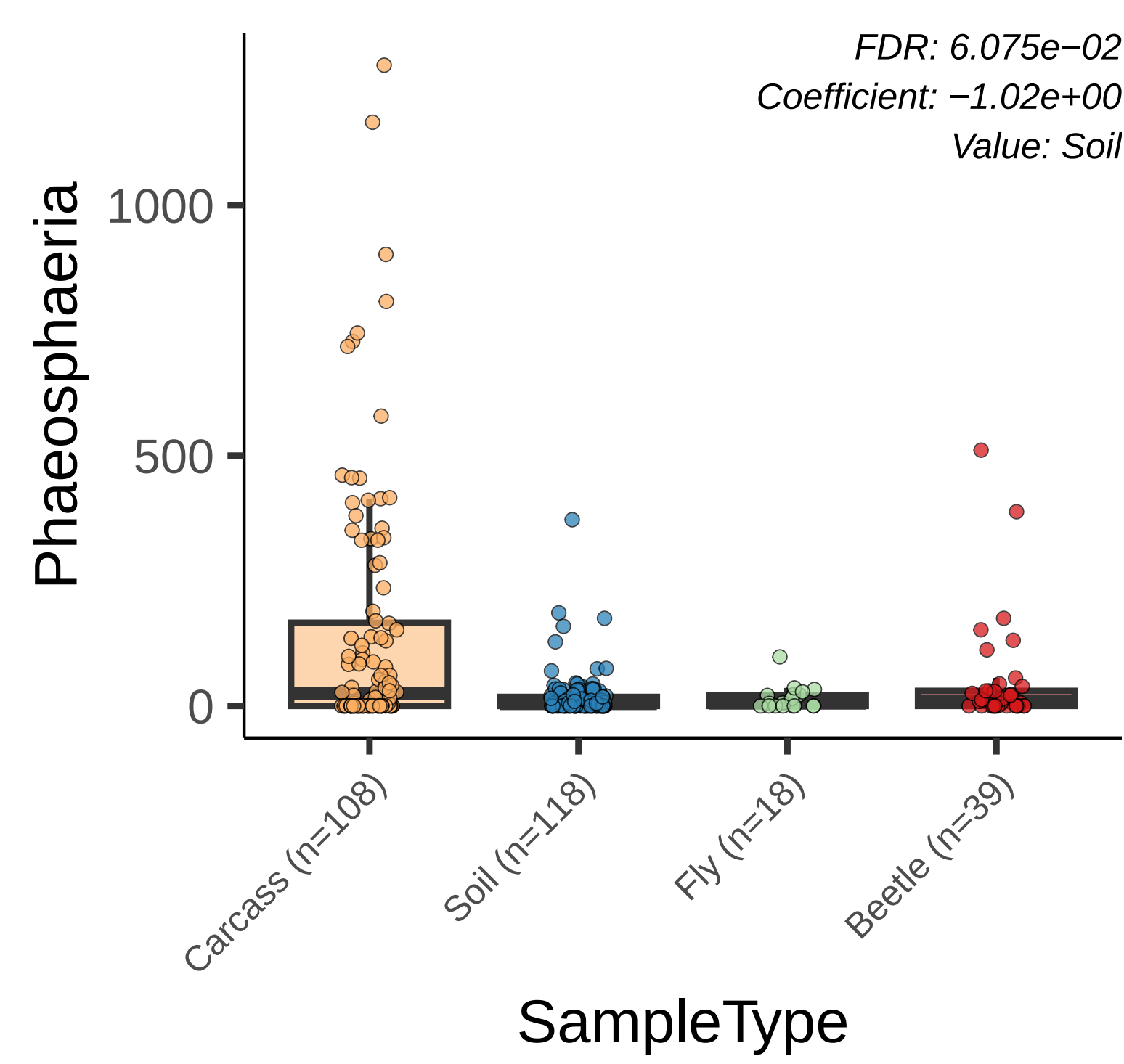

FDR: 5.390e−02
Coefficient: −1.64e+00
Value: Fly
Bipolaris
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

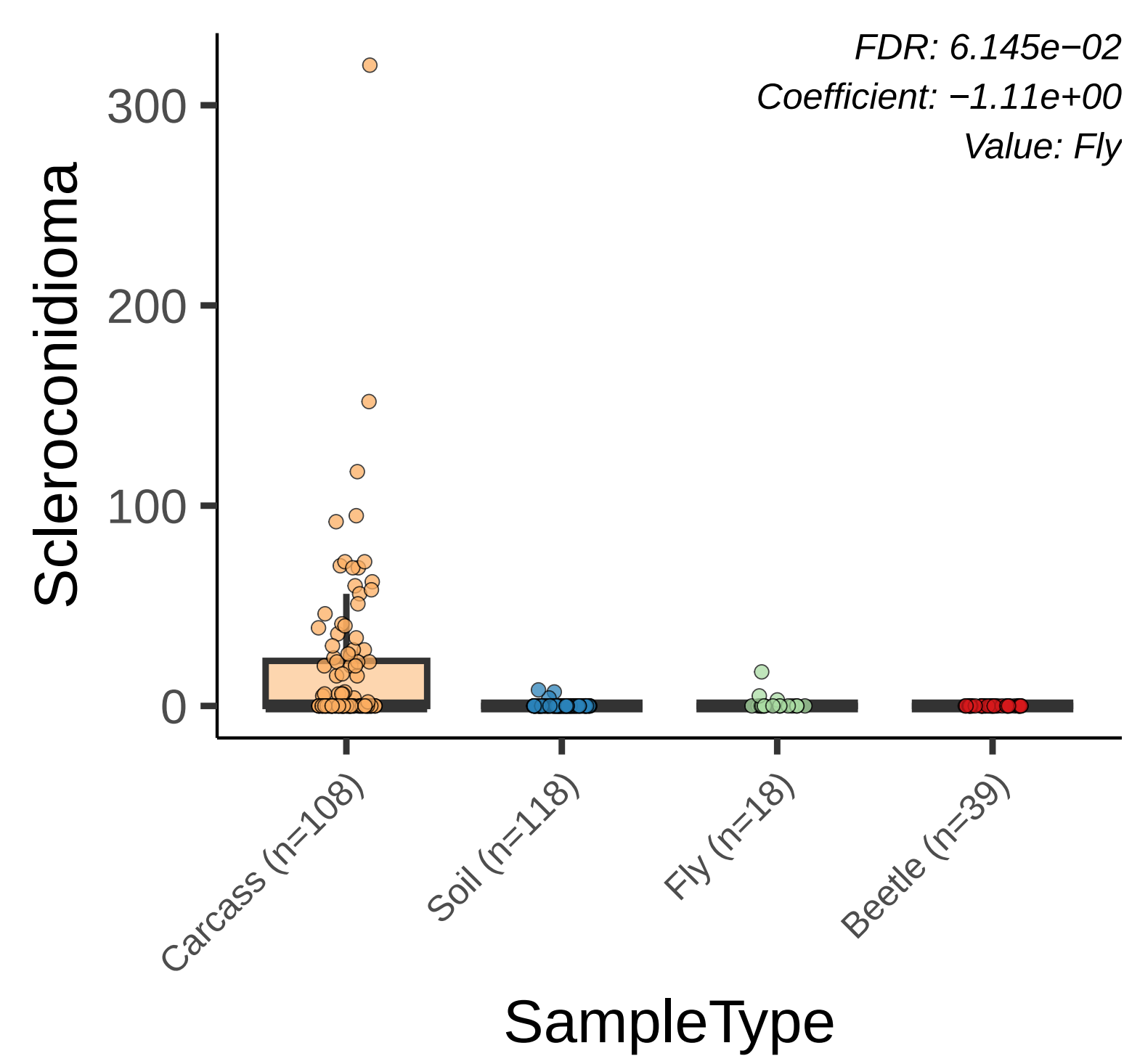

FDR: 5.390e−02
Coefficient: 1.39e+00
Value: Beetle
Hannaella
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

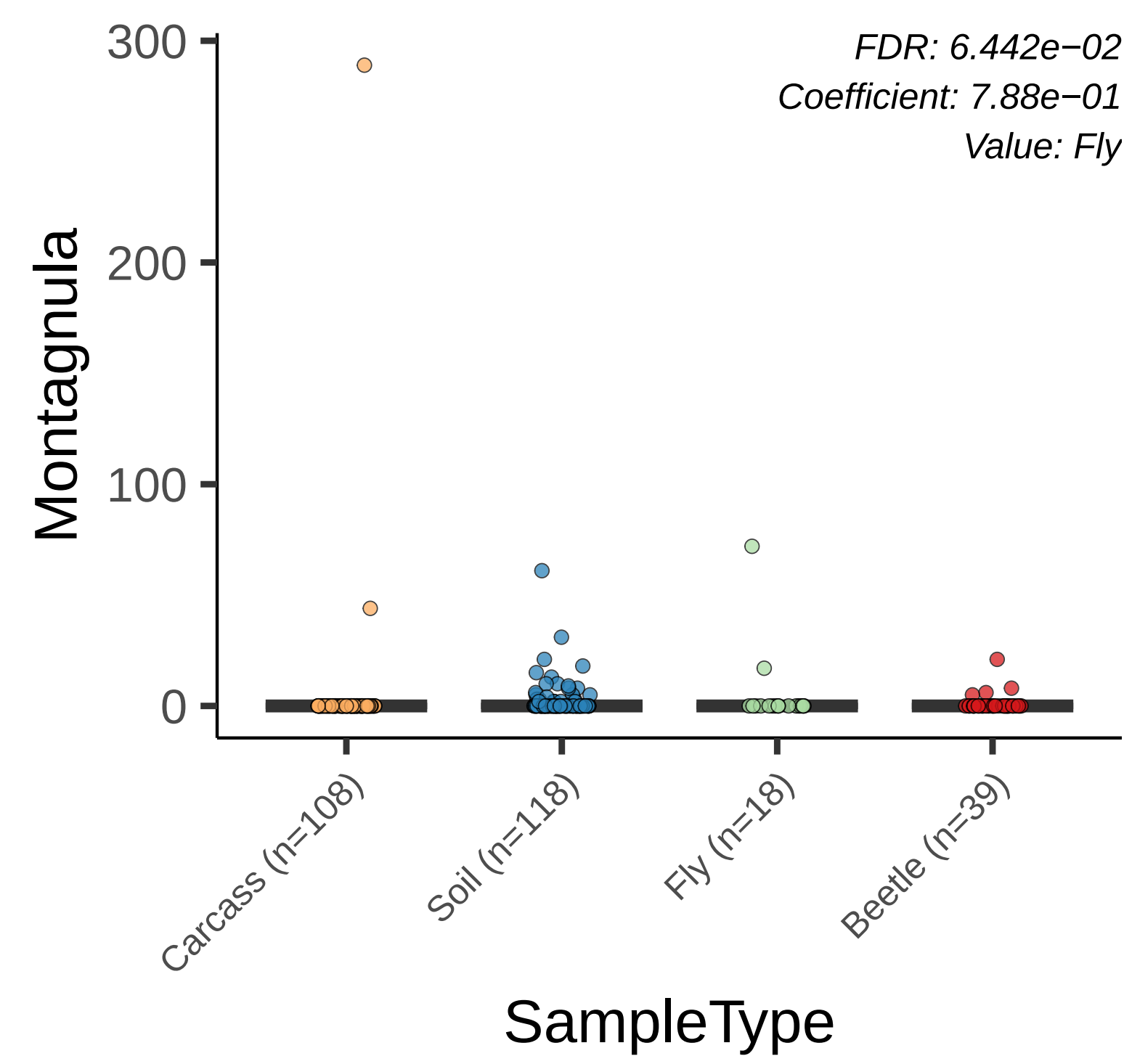

FDR: 5.685e−02
Coefficient: −1.73e+00
Value: Fly
Neosetophoma
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

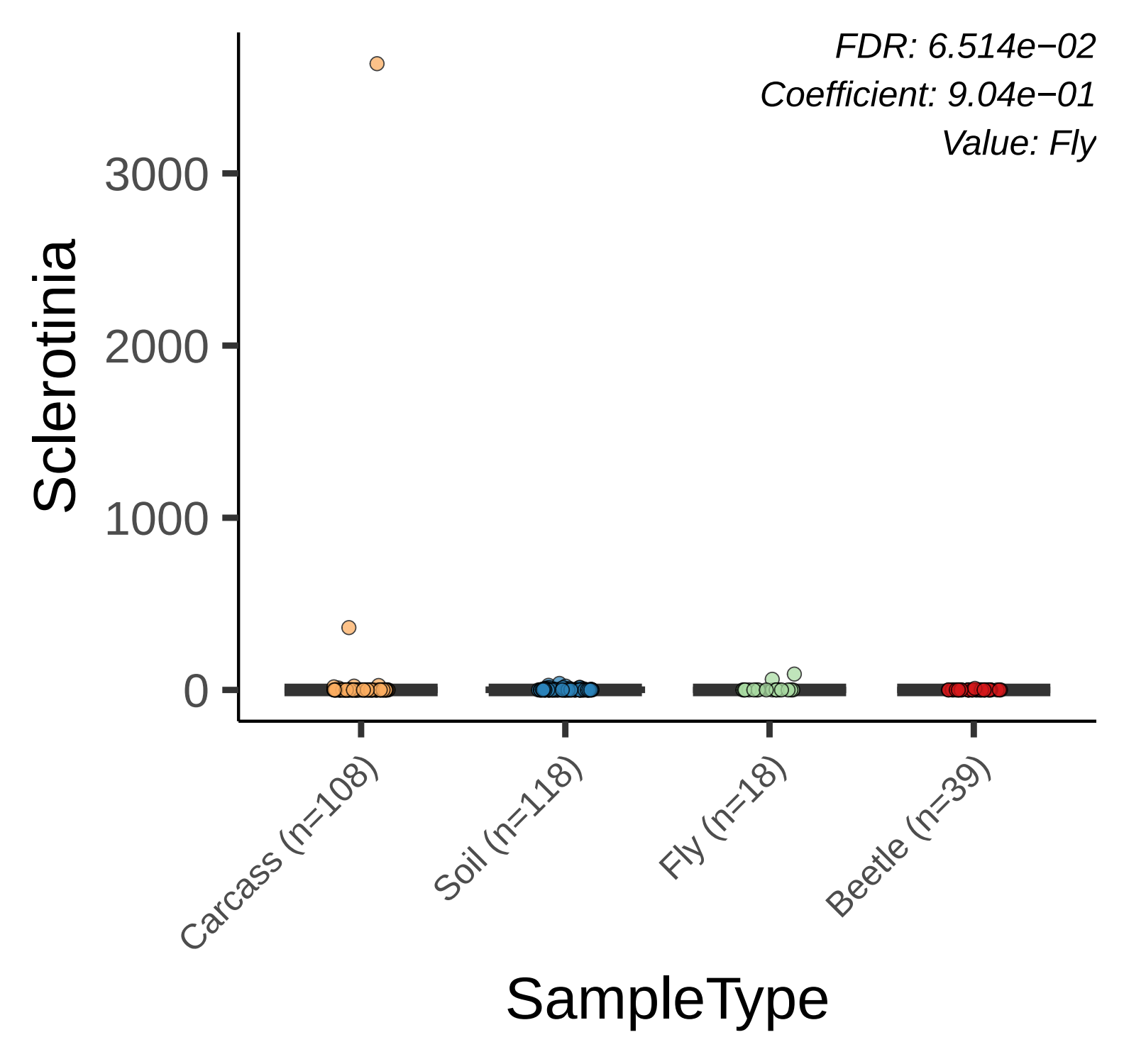

FDR: 5.788e−02
Coefficient: −1.04e+00
Value: Beetle
Neovaginatispora
800
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

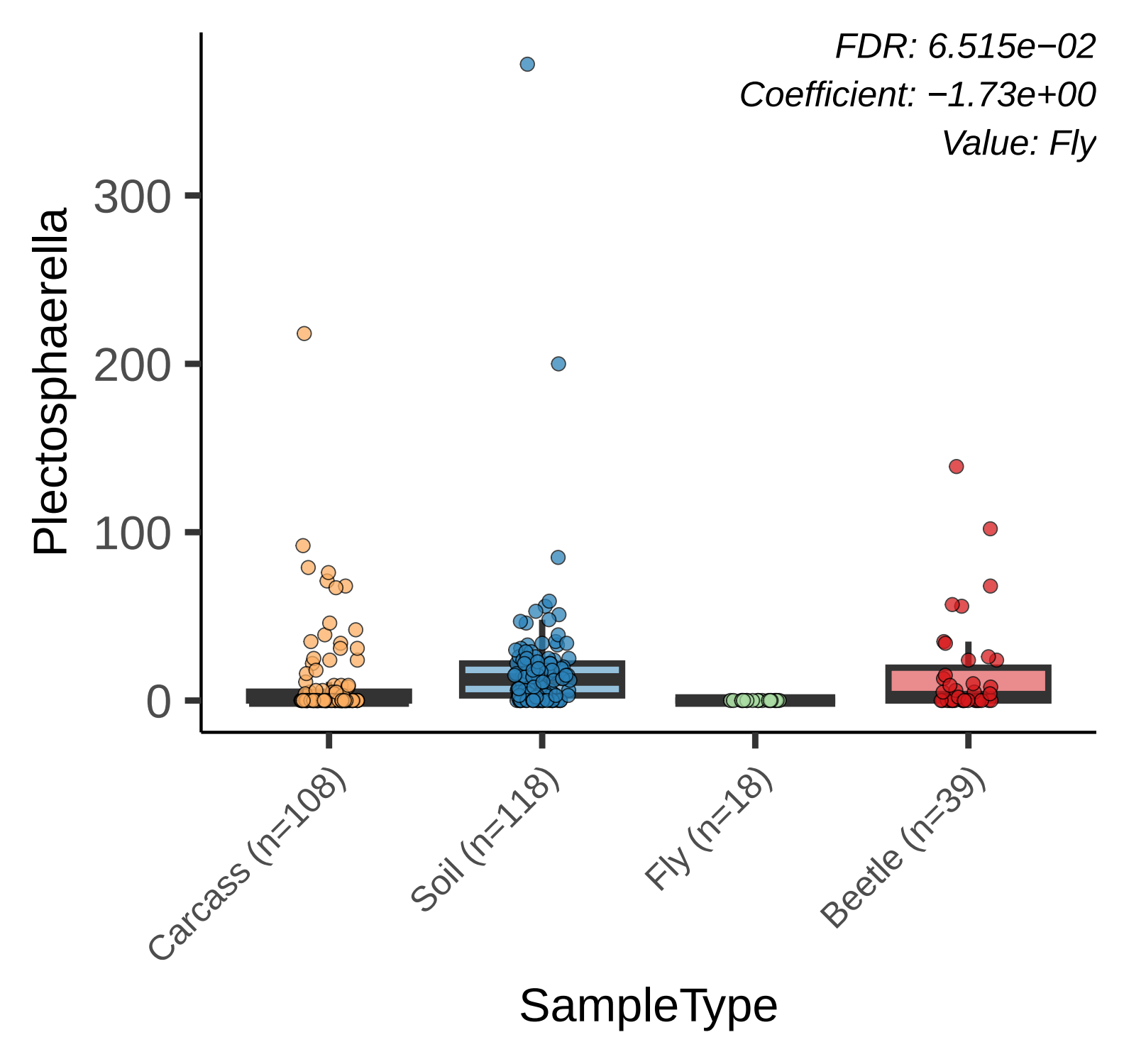

FDR: 5.976e−02
Coefficient: −7.36e−01
Value: Soil
Neoascochyta
25000
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

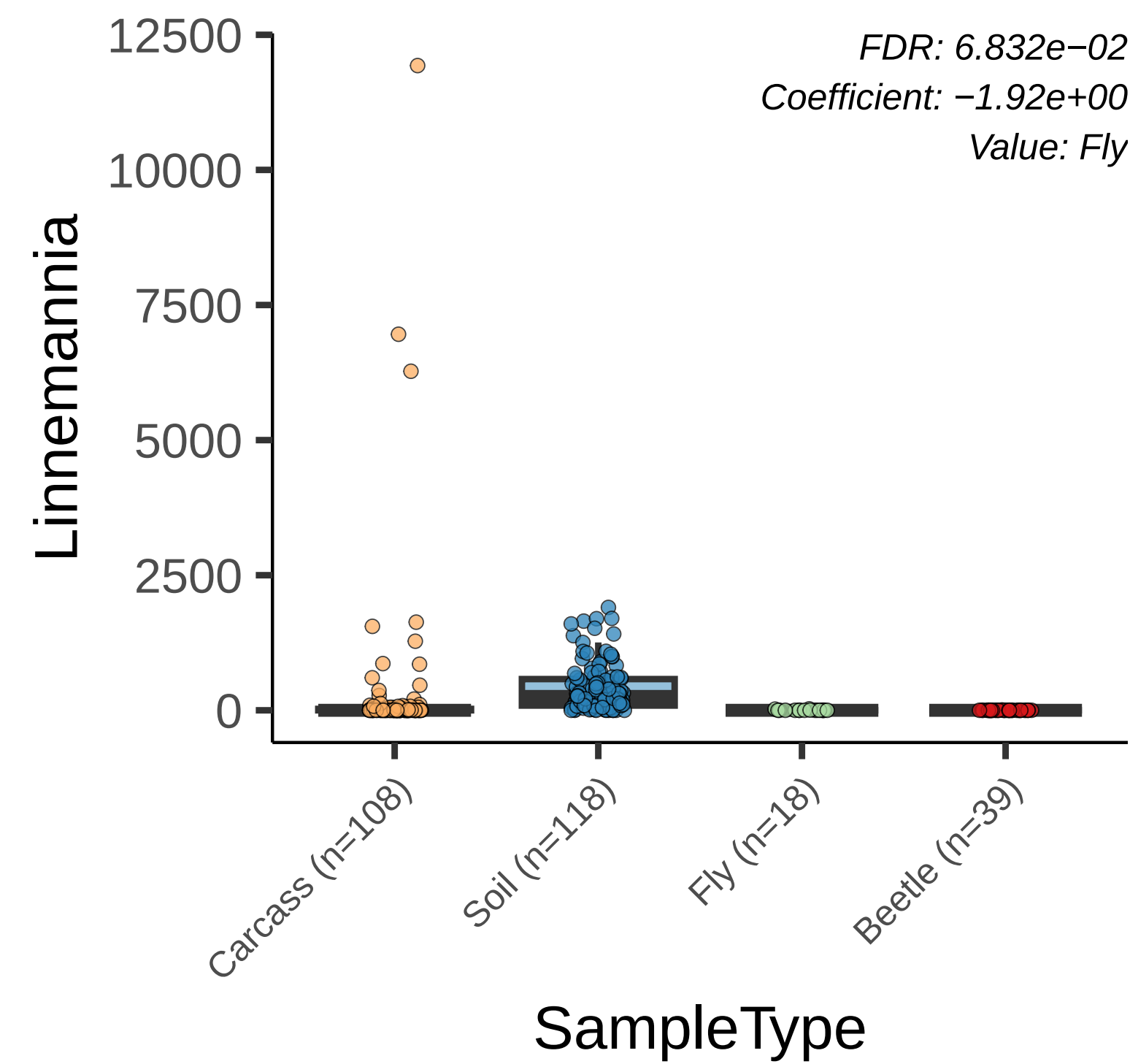

FDR: 6.075e−02
Coefficient: −1.02e+00
Value: Soil
Phaeosphaeria
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

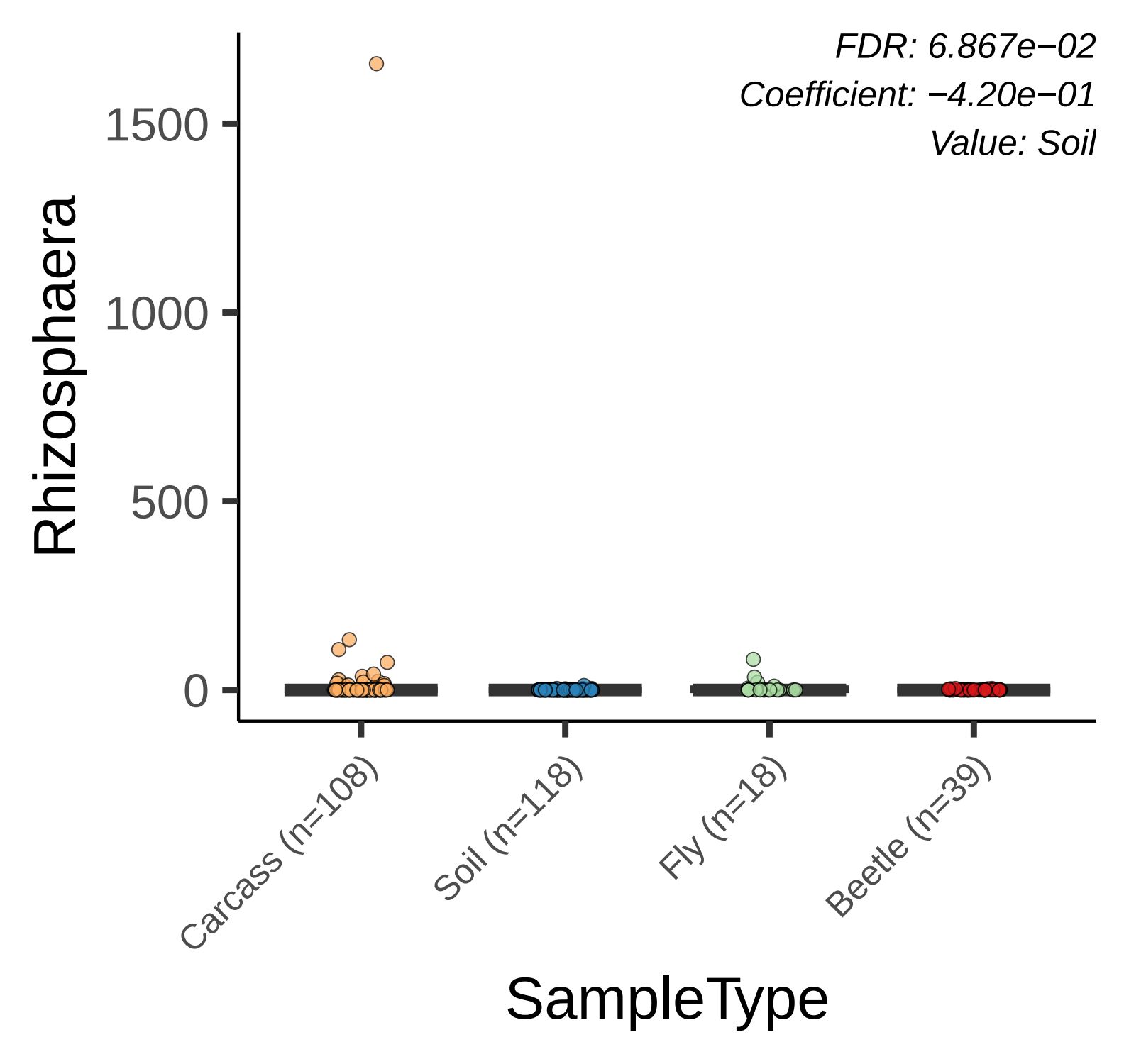

FDR: 6.145e−02
Coefficient: −1.11e+00
Value: Fly
Scleroconidioma
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

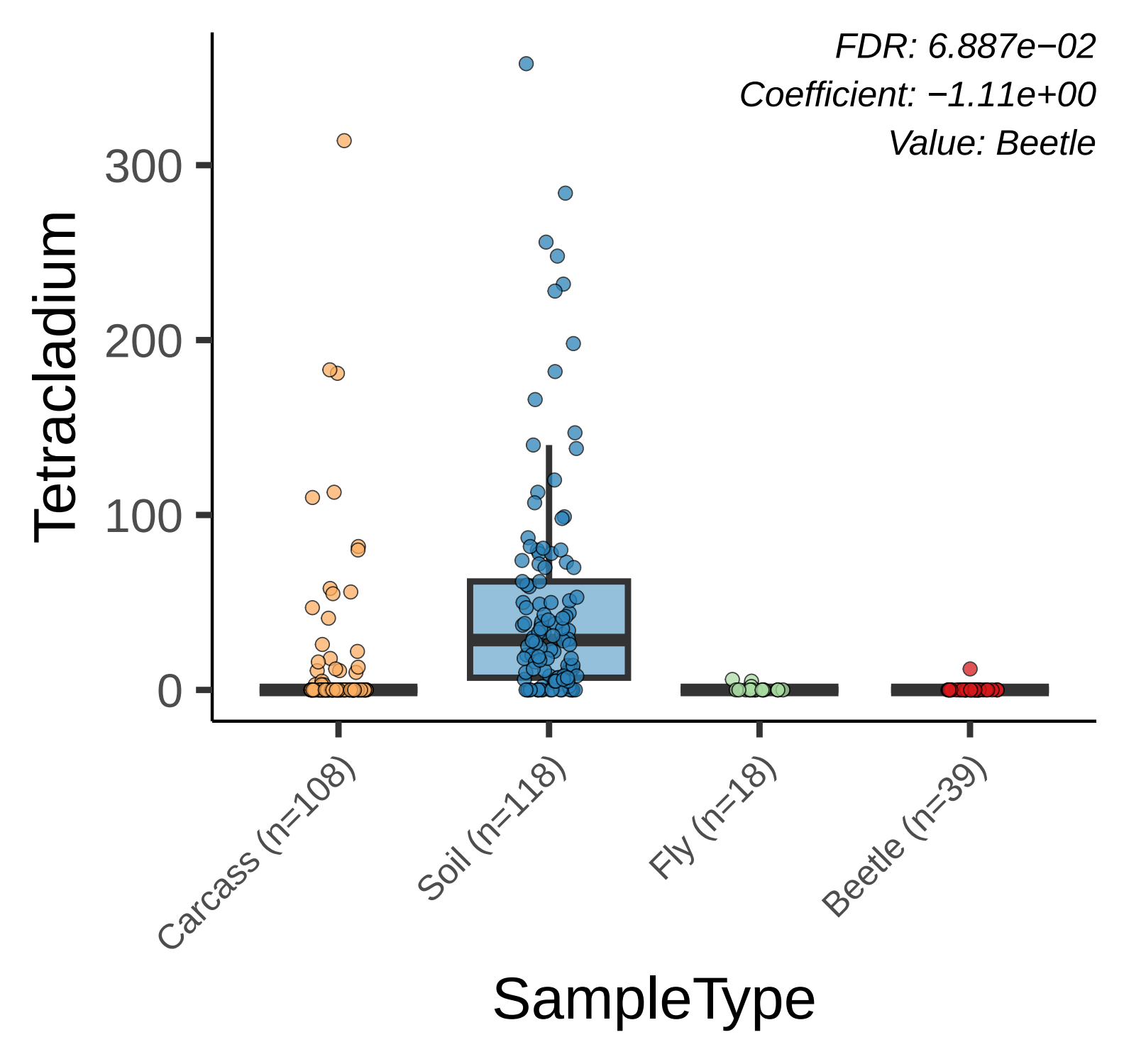

FDR: 6.442e−02
Coefficient: 7.88e−01
Value: Fly
Montagnula
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

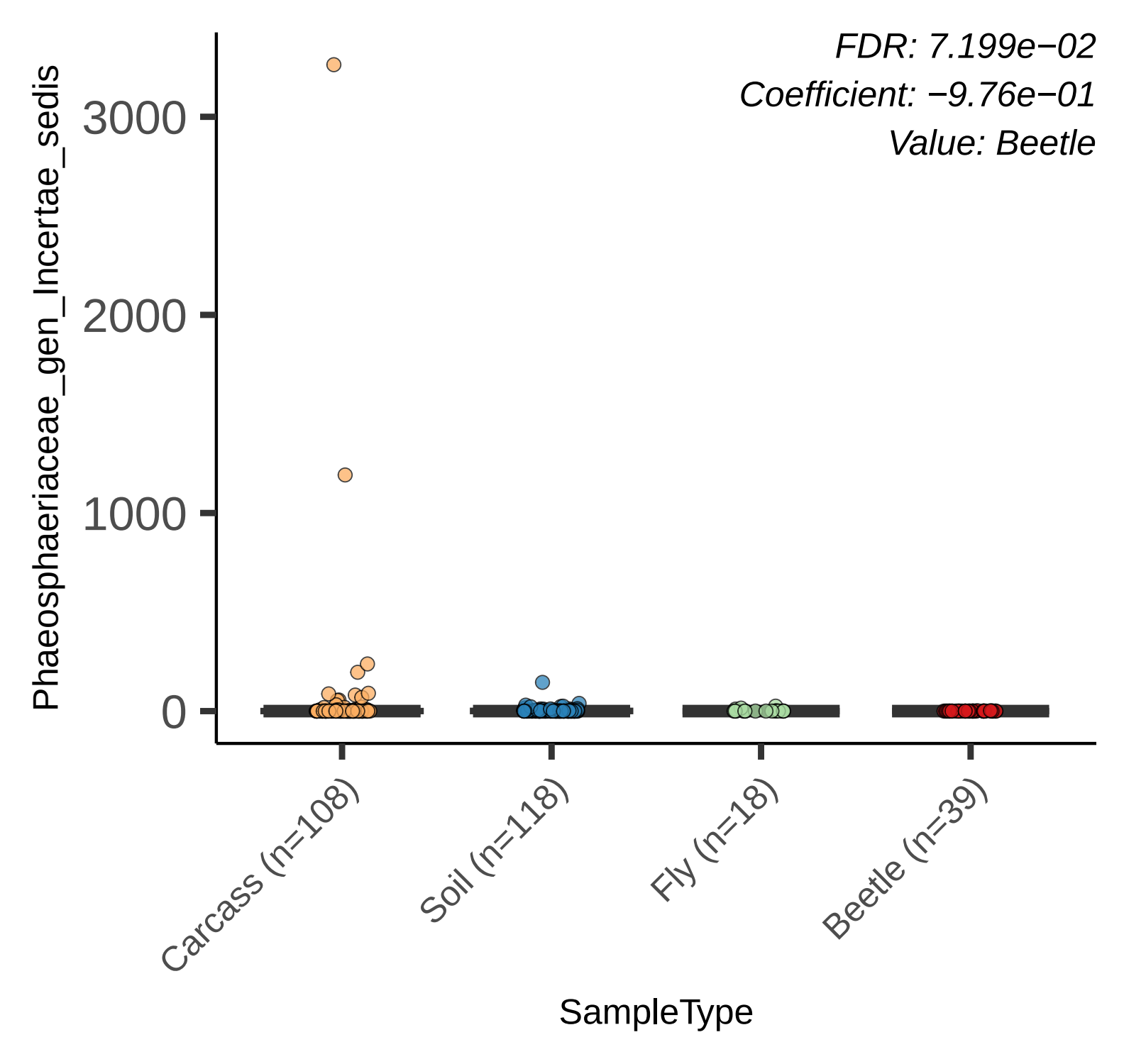

FDR: 6.514e−02
Coefficient: 9.04e−01
Value: Fly
Sclerotinia
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

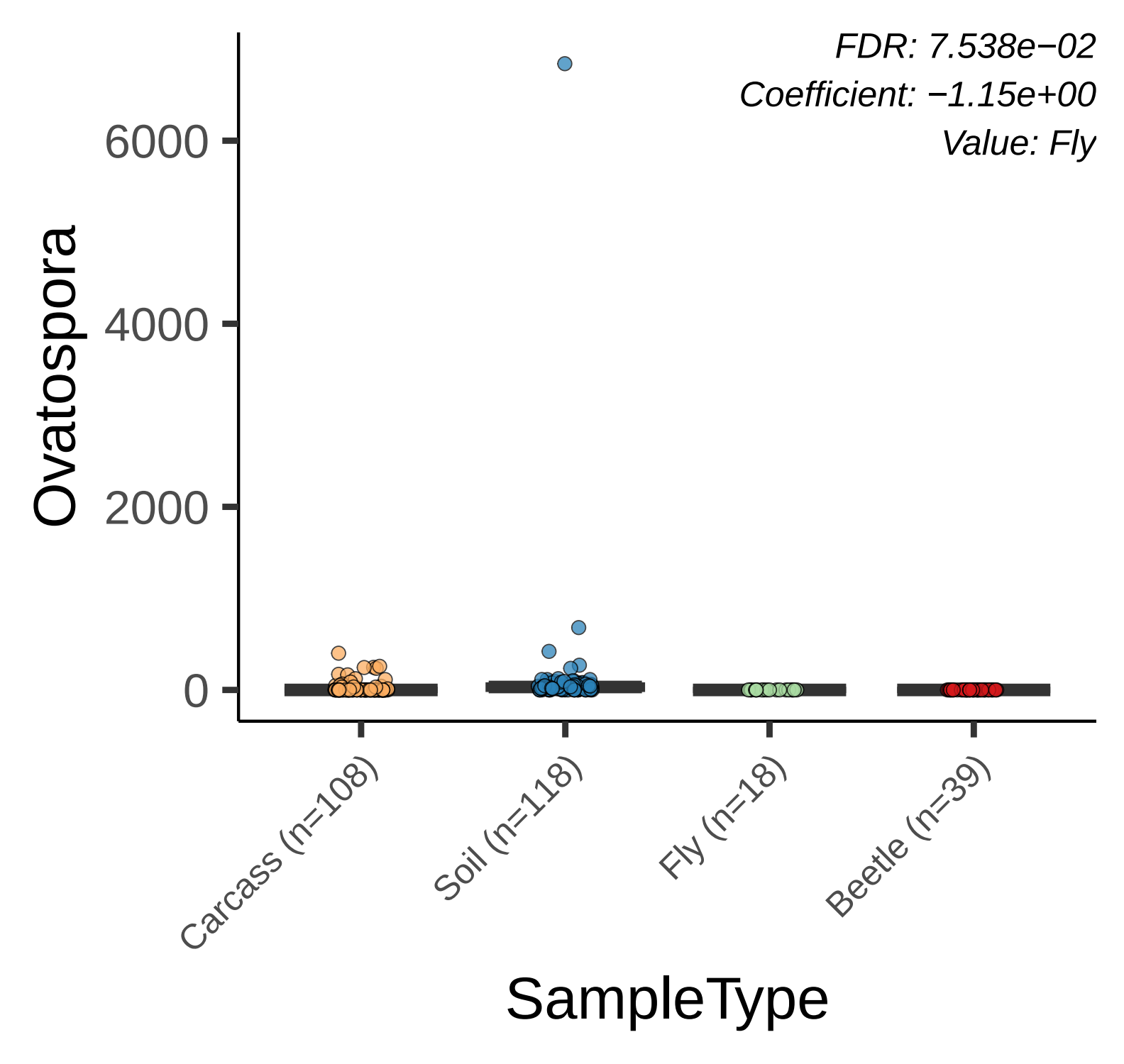

FDR: 6.515e−02
Coefficient: −1.73e+00
Value: Fly
Plectosphaerella
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

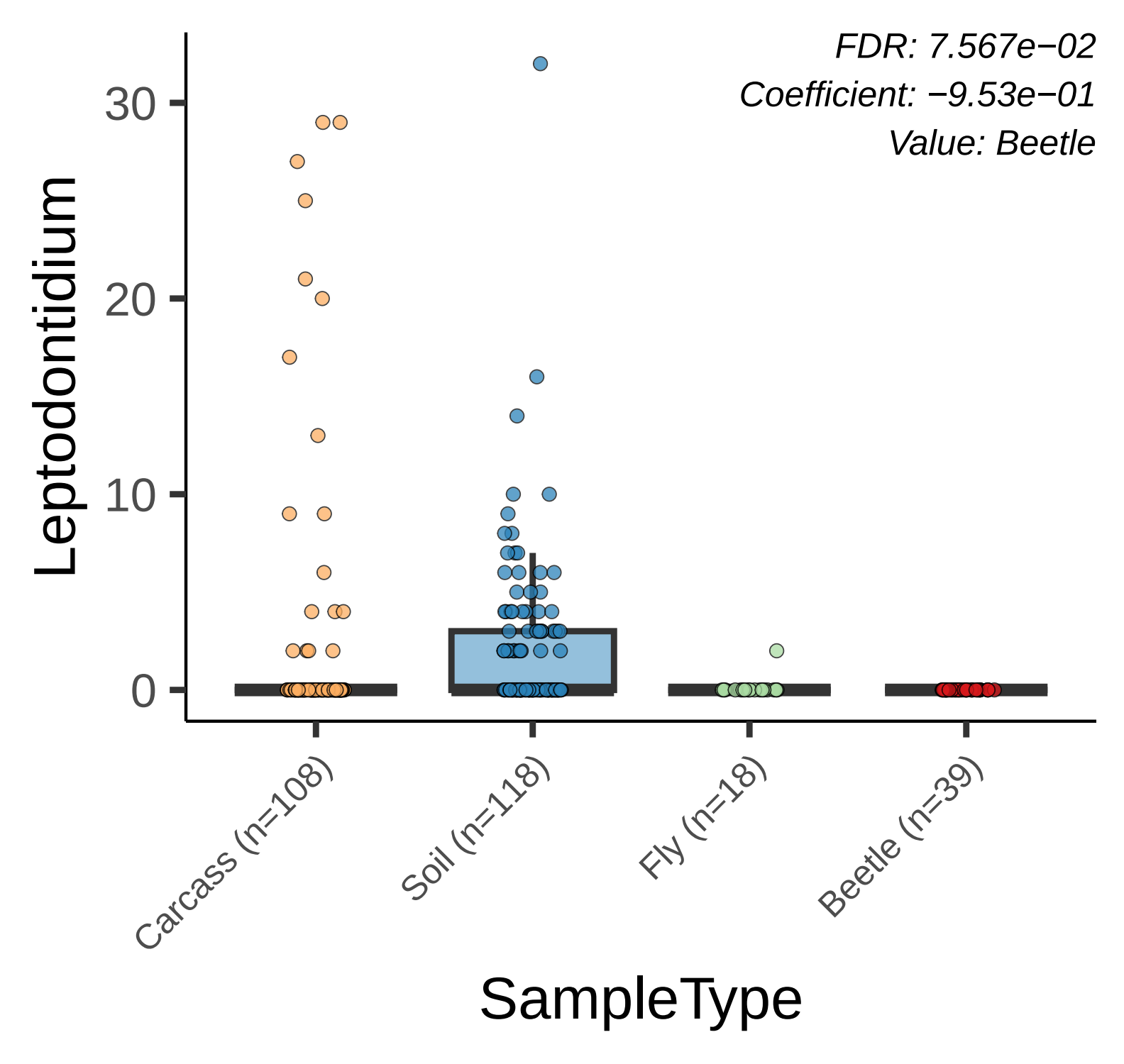

FDR: 6.832e−02
Coefficient: −1.92e+00
Value: Fly
Linnemannia
12500
10000
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

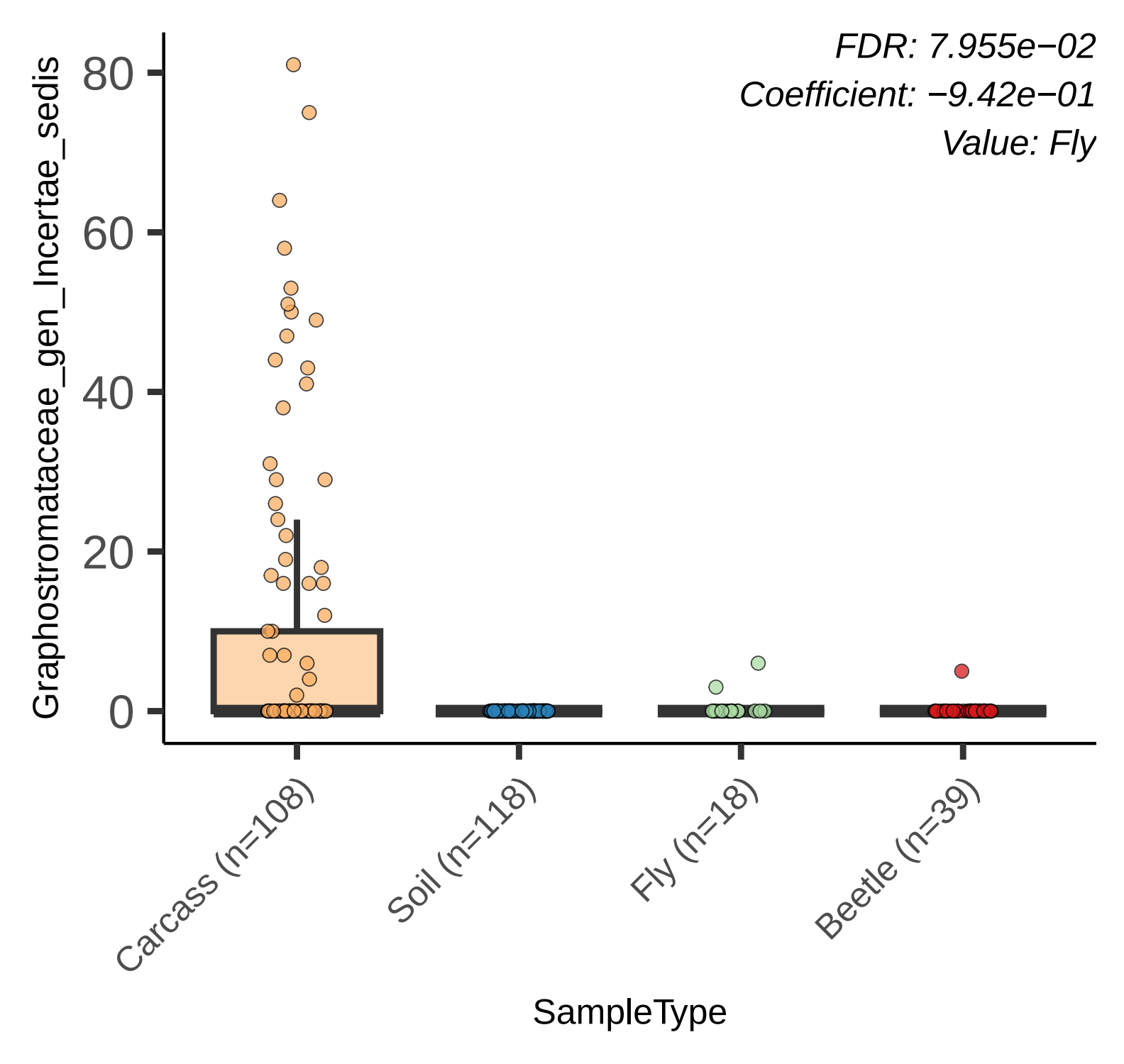

FDR: 6.867e−02
Coefficient: −4.20e−01
Value: Soil
Rhizosphaera
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

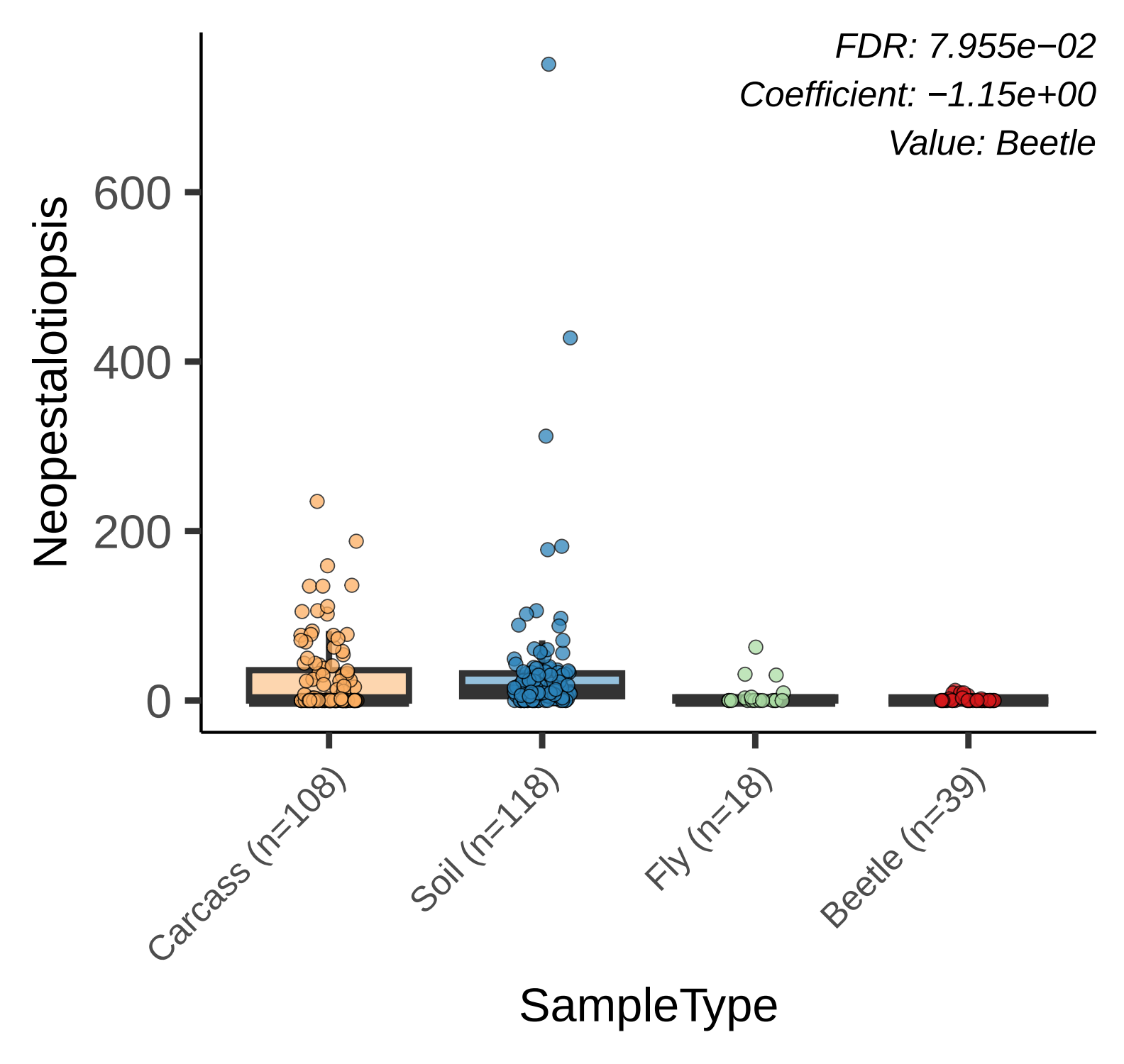

FDR: 6.887e−02
Coefficient: −1.11e+00
Value: Beetle
Tetracladium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

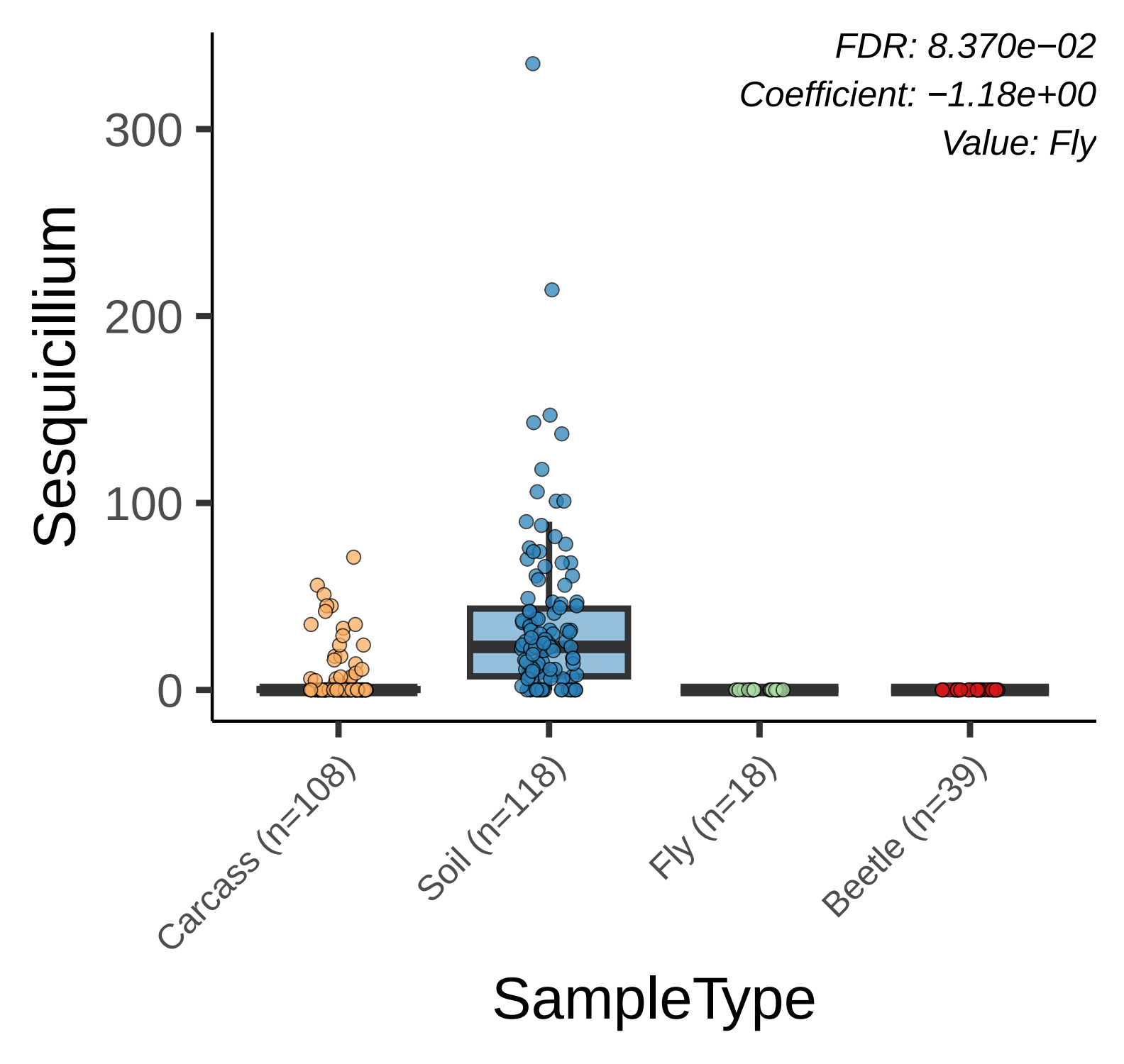

FDR: 7.199e−02
Coefficient: −9.76e−01
Value: Beetle
Phaeosphaeriaceae_gen_Incertae_sedis
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

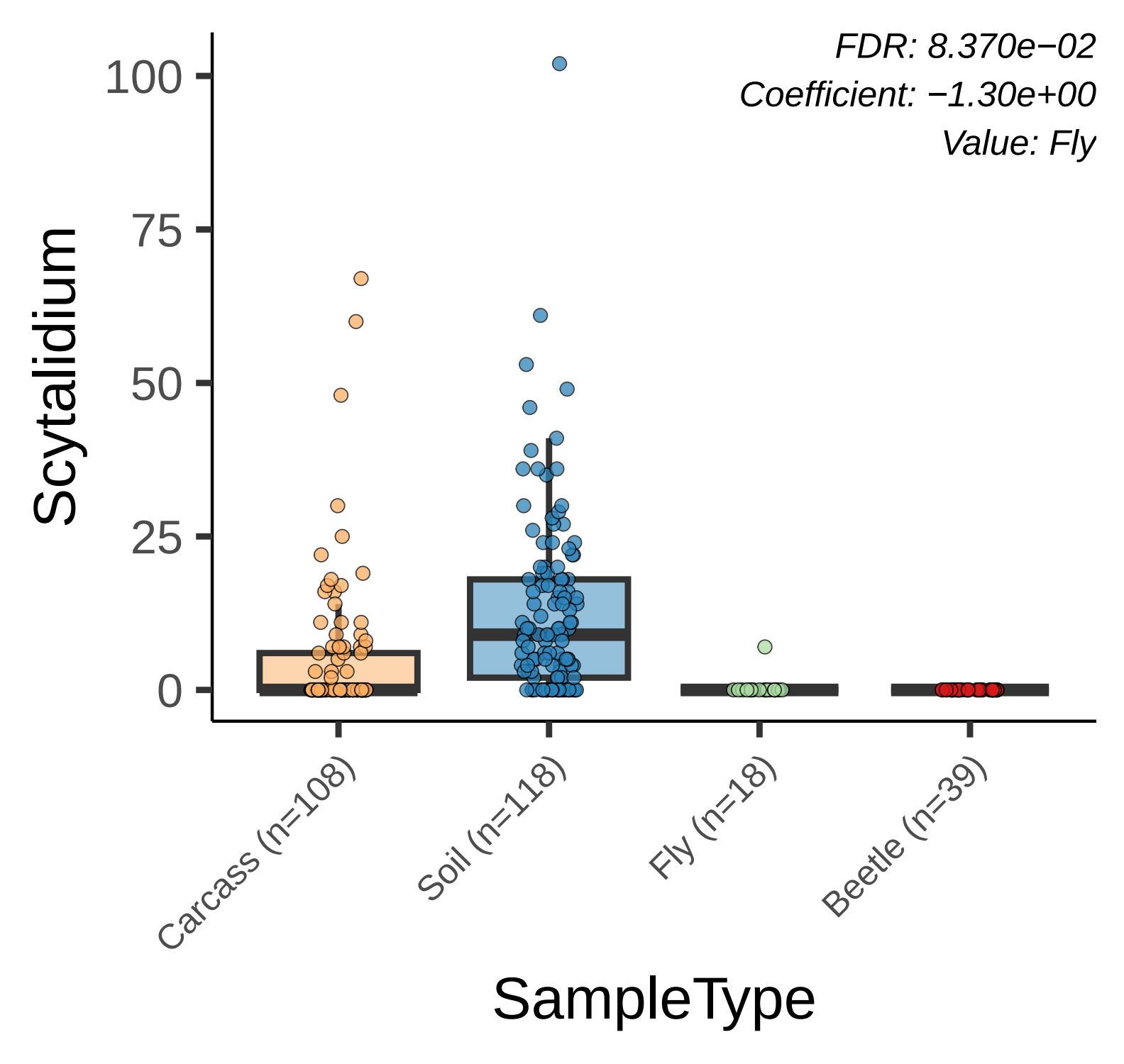

FDR: 7.538e−02
Coefficient: −1.15e+00
Value: Fly
Ovatospora
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

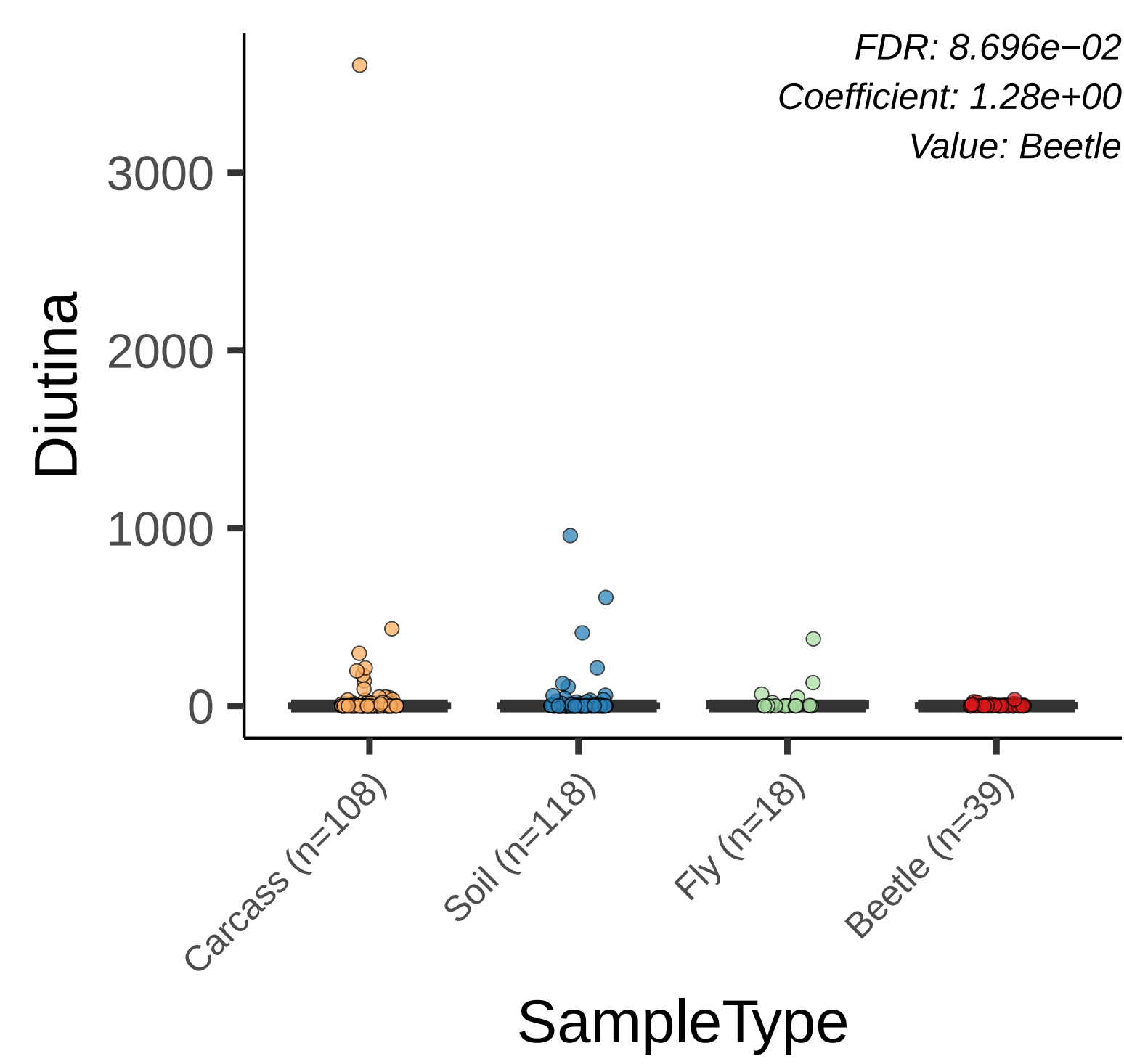

FDR: 7.567e−02
Coefficient: −9.53e−01
Value: Beetle
Leptodontidium
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

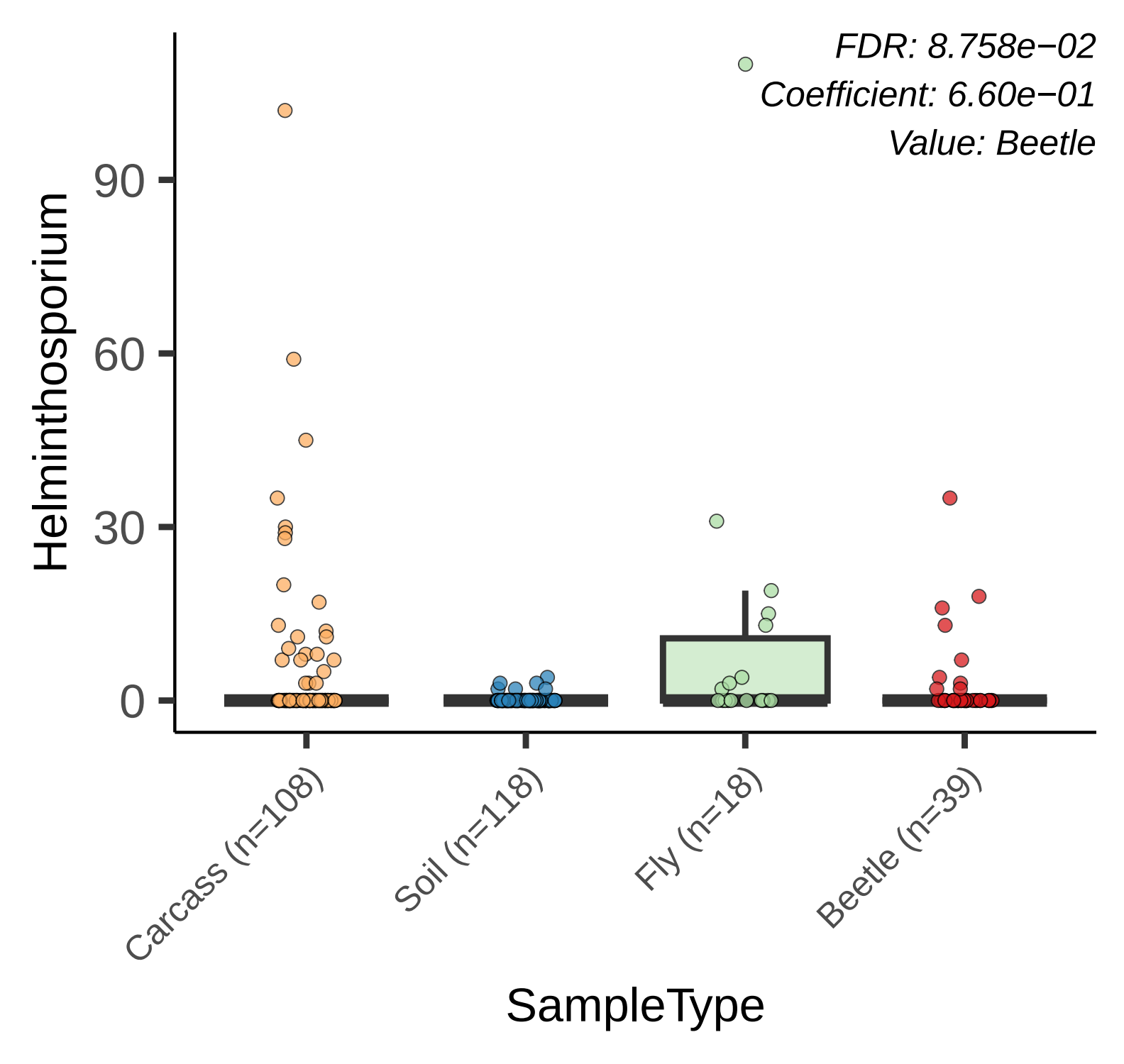

FDR: 7.955e−02
Coefficient: −9.42e−01
Value: Fly
Graphostromataceae_gen_Incertae_sedis
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

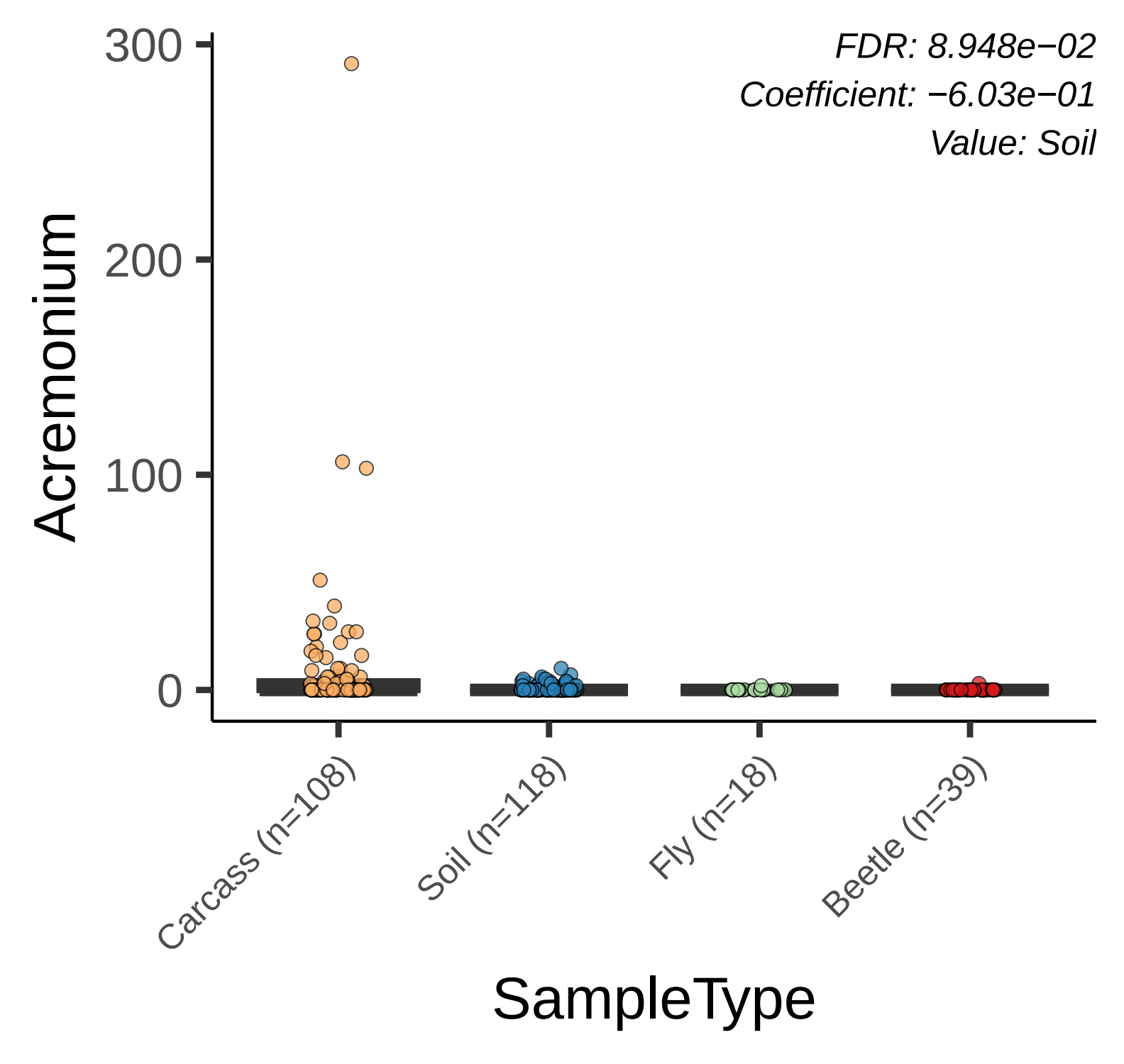

FDR: 7.955e−02
Coefficient: −1.15e+00
Value: Beetle
Neopestalotiopsis
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

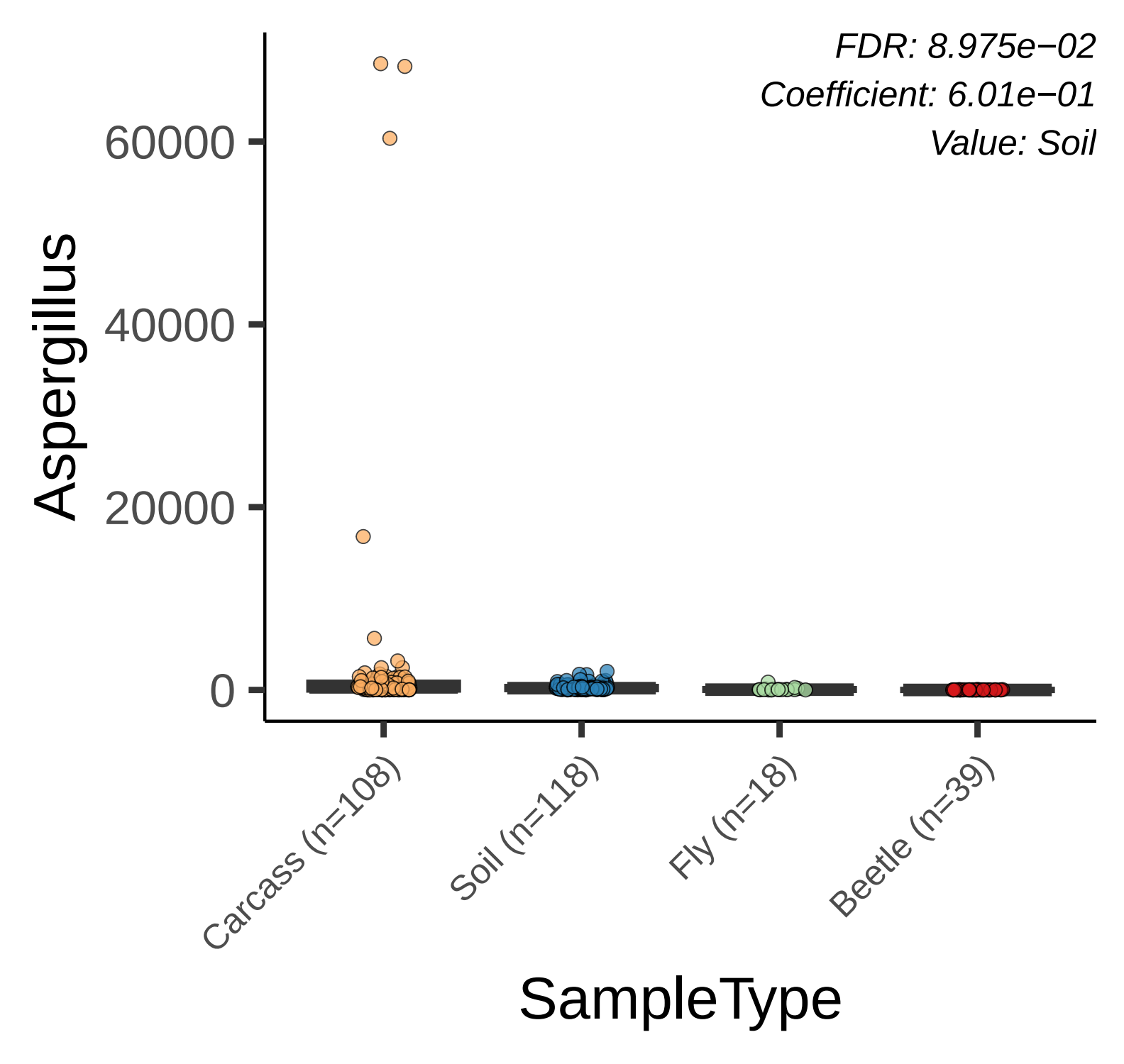

FDR: 8.370e−02
Coefficient: −1.18e+00
Value: Fly
Sesquicillium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

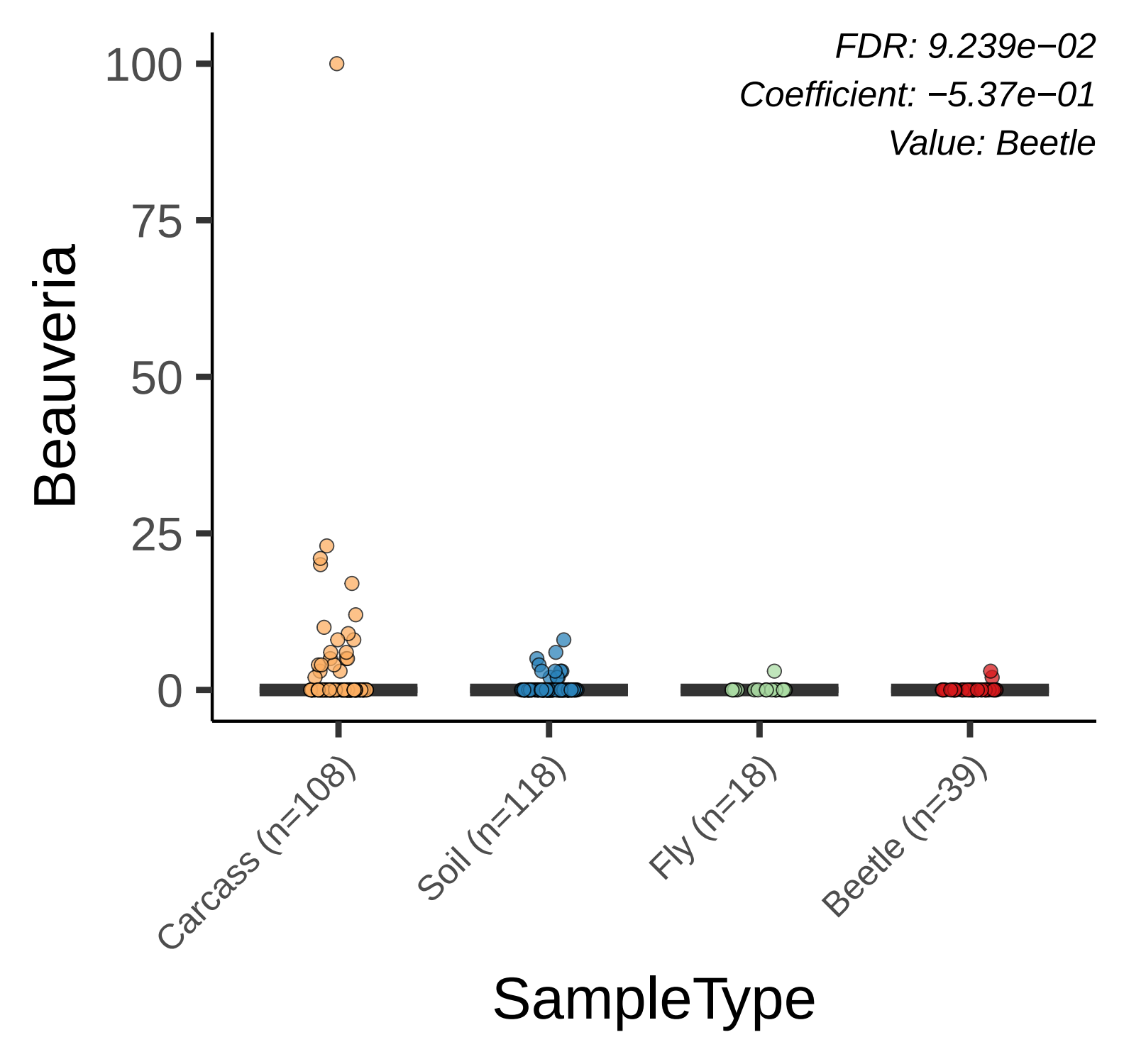

FDR: 8.370e−02
Coefficient: −1.30e+00
Value: Fly
Scytalidium
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

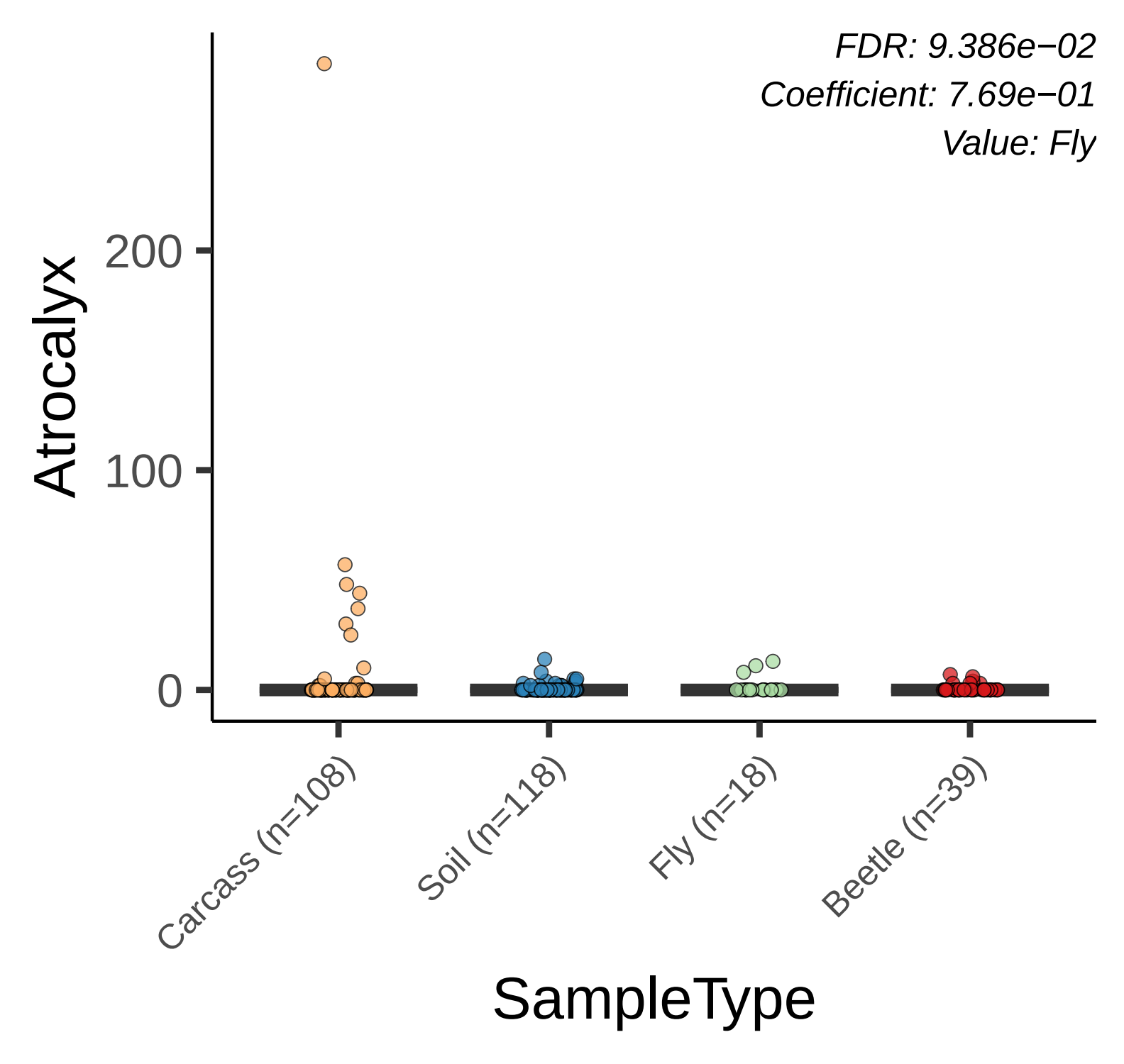

FDR: 8.696e−02
Coefficient: 1.28e+00
Value: Beetle
Diutina
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

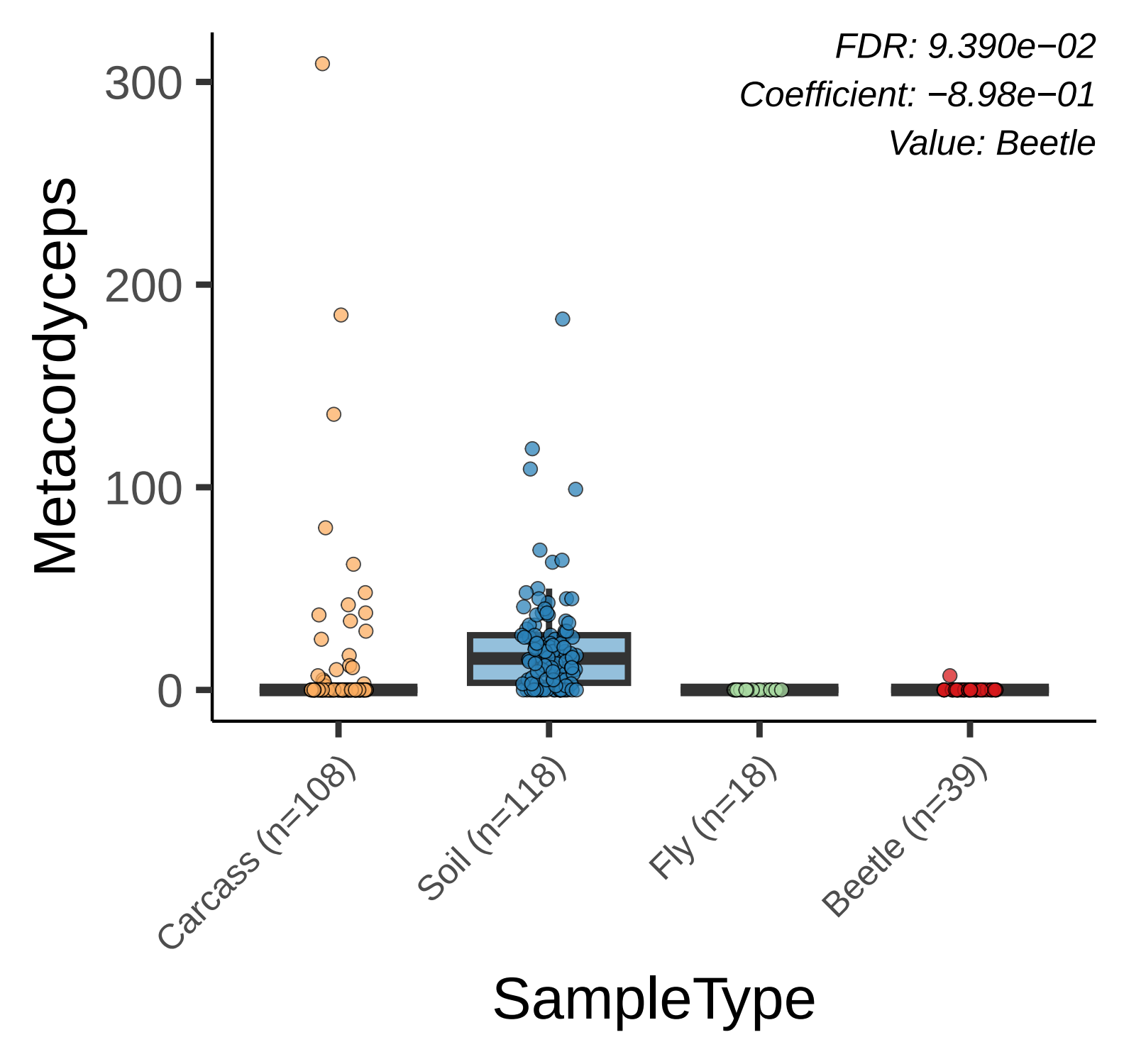

FDR: 8.758e−02
Coefficient: 6.60e−01
Value: Beetle
Helminthosporium
90
60
30
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

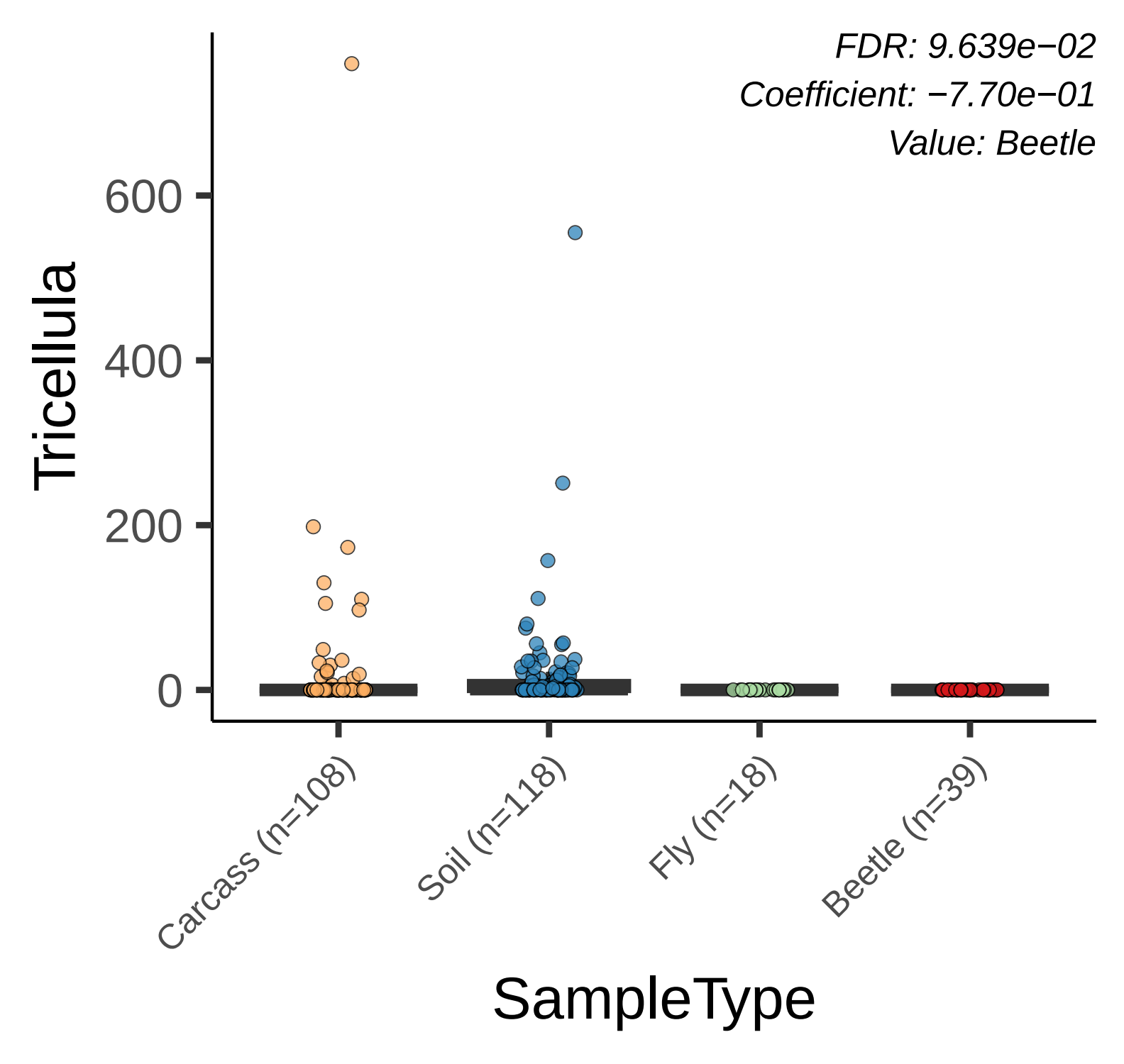

FDR: 8.948e−02
Coefficient: −6.03e−01
Value: Soil
Acremonium
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

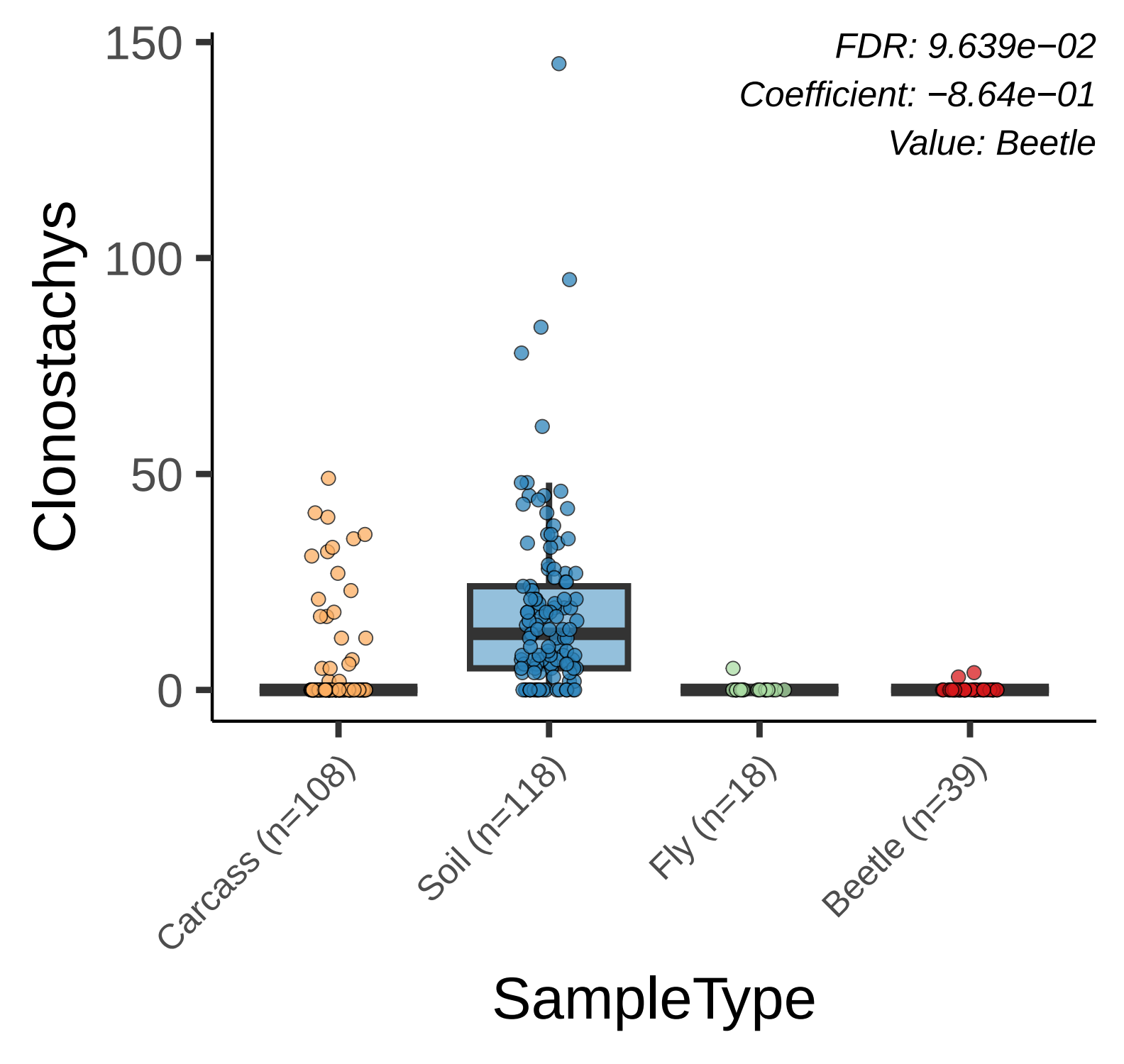

FDR: 8.975e−02
Coefficient: 6.01e−01
Value: Soil
60000
40000
20000
0
Aspergillus
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

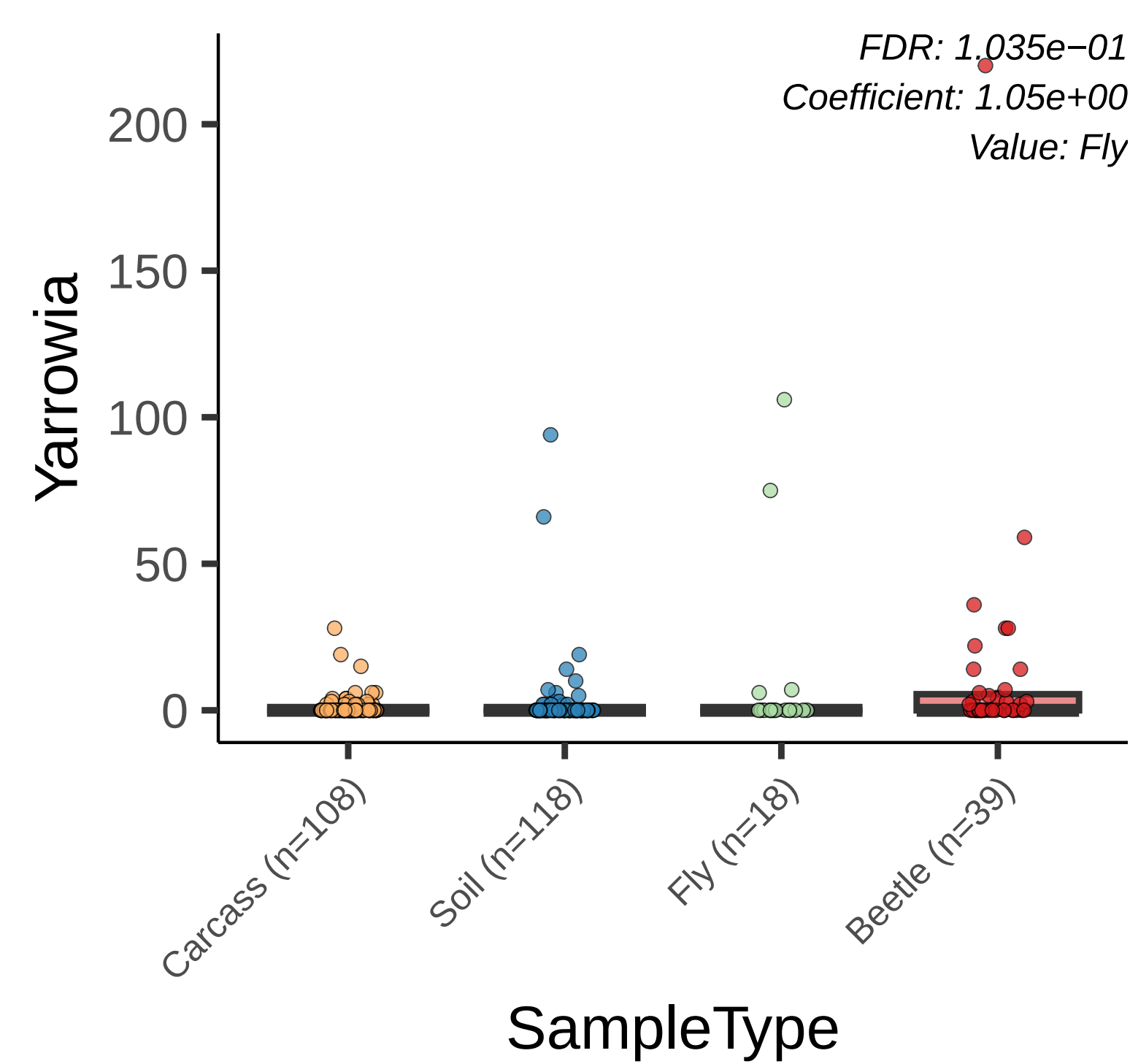

FDR: 9.239e−02
Coefficient: −5.37e−01
Value: Beetle
Beauveria
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

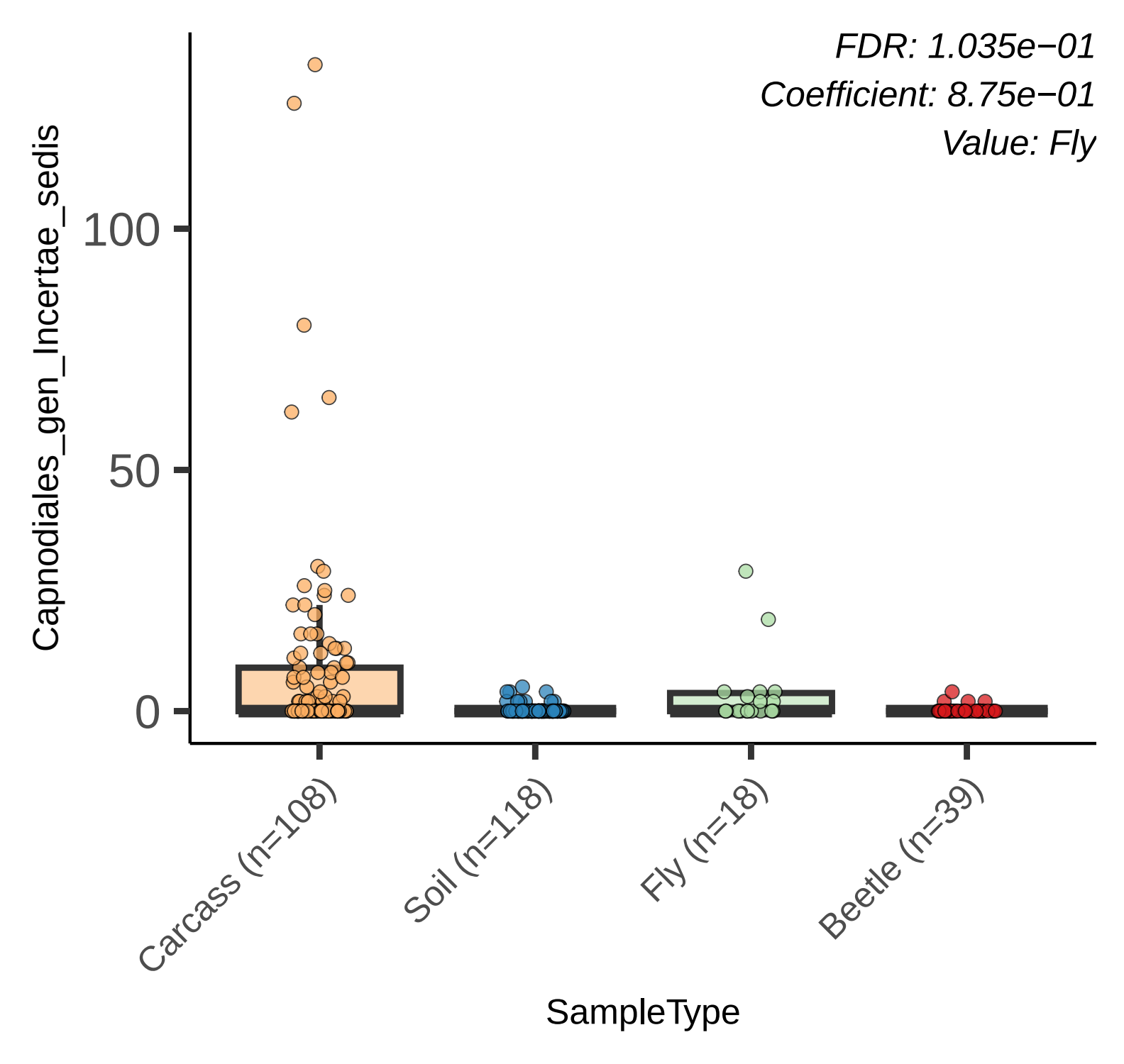

FDR: 9.386e−02
Coefficient: 7.69e−01
Value: Fly
Atrocalyx
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

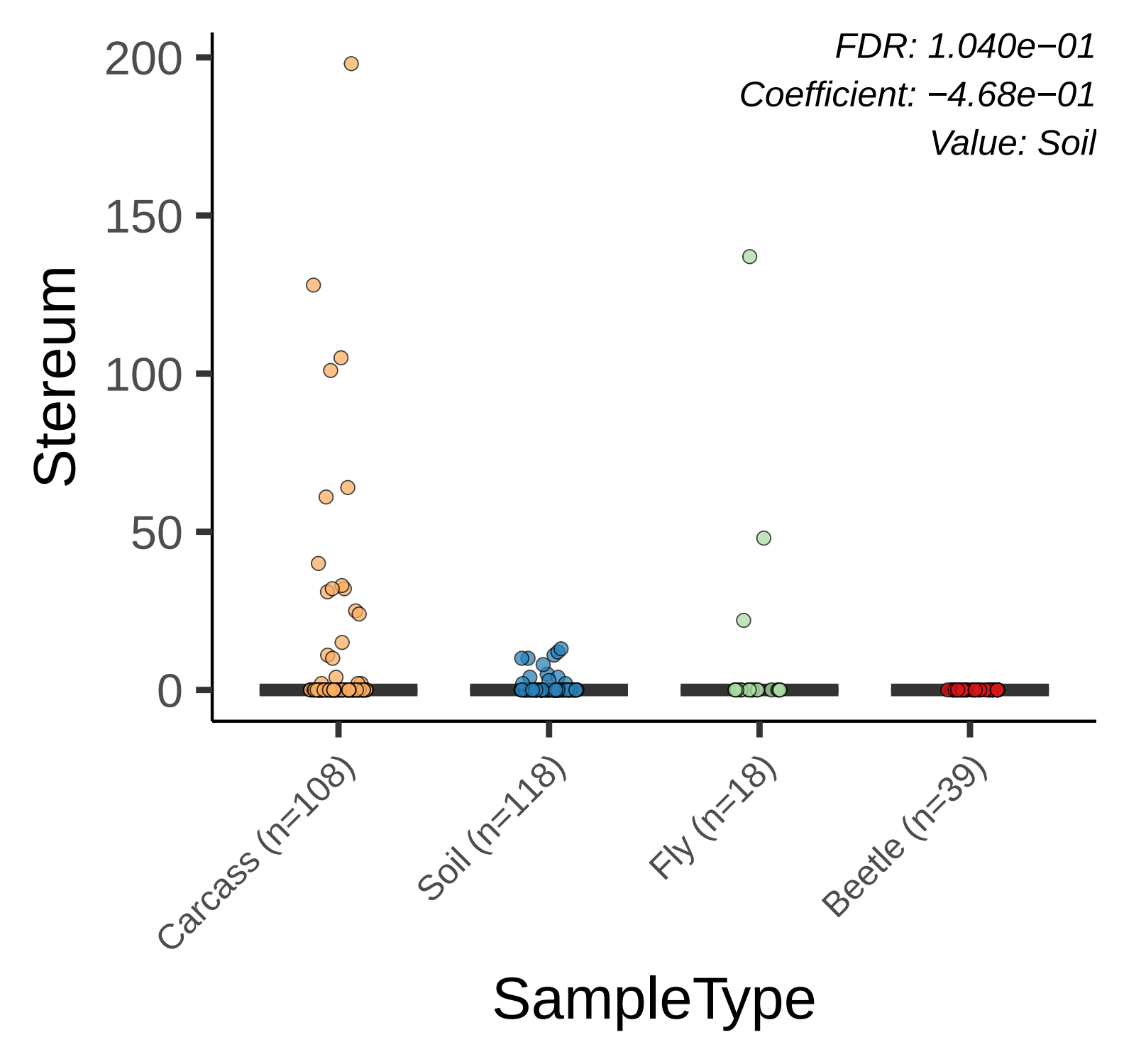

FDR: 9.390e−02
Coefficient: −8.98e−01
Value: Beetle
Metacordyceps
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

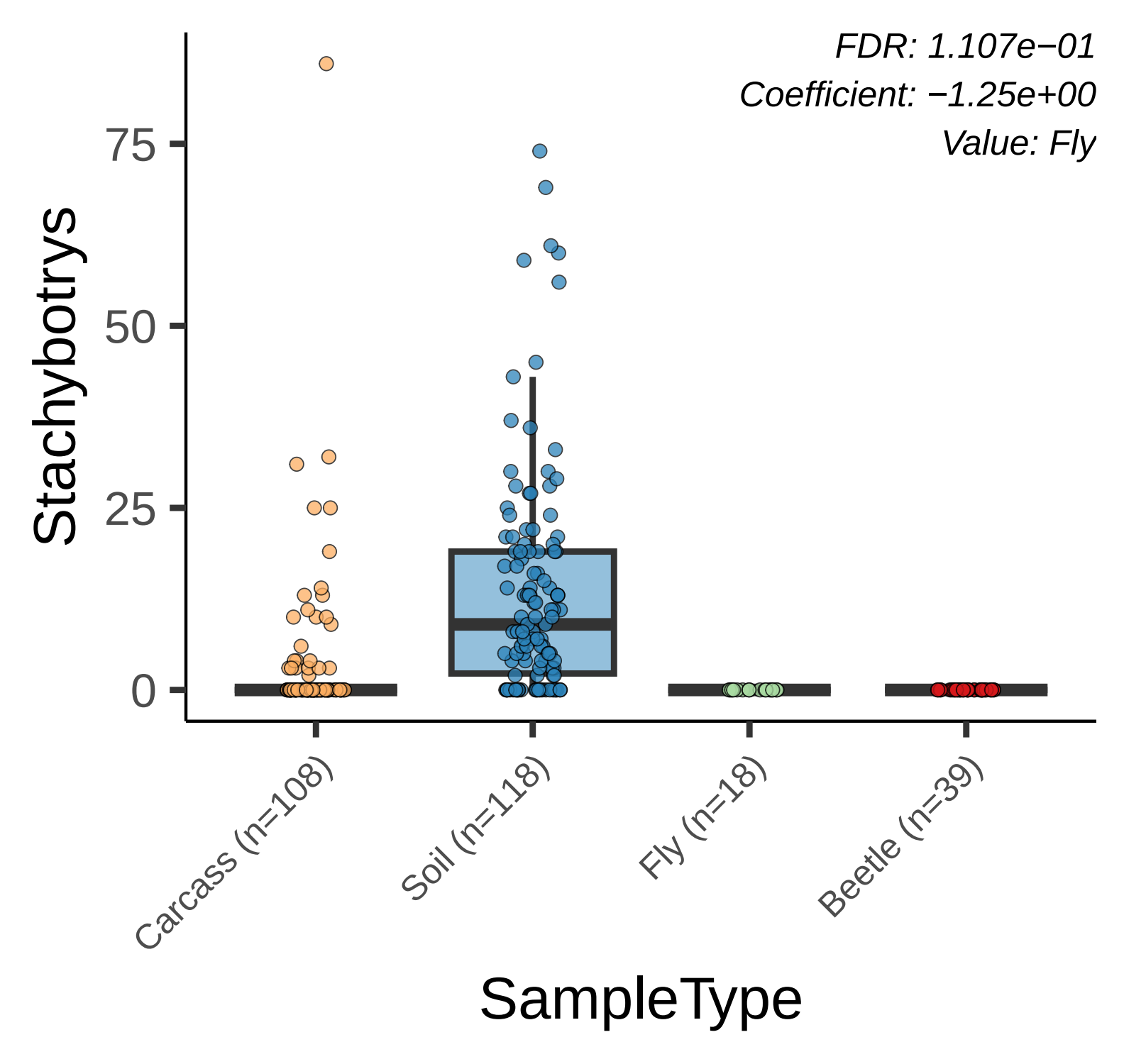

FDR: 9.639e−02
Coefficient: −7.70e−01
Value: Beetle
Tricellula
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

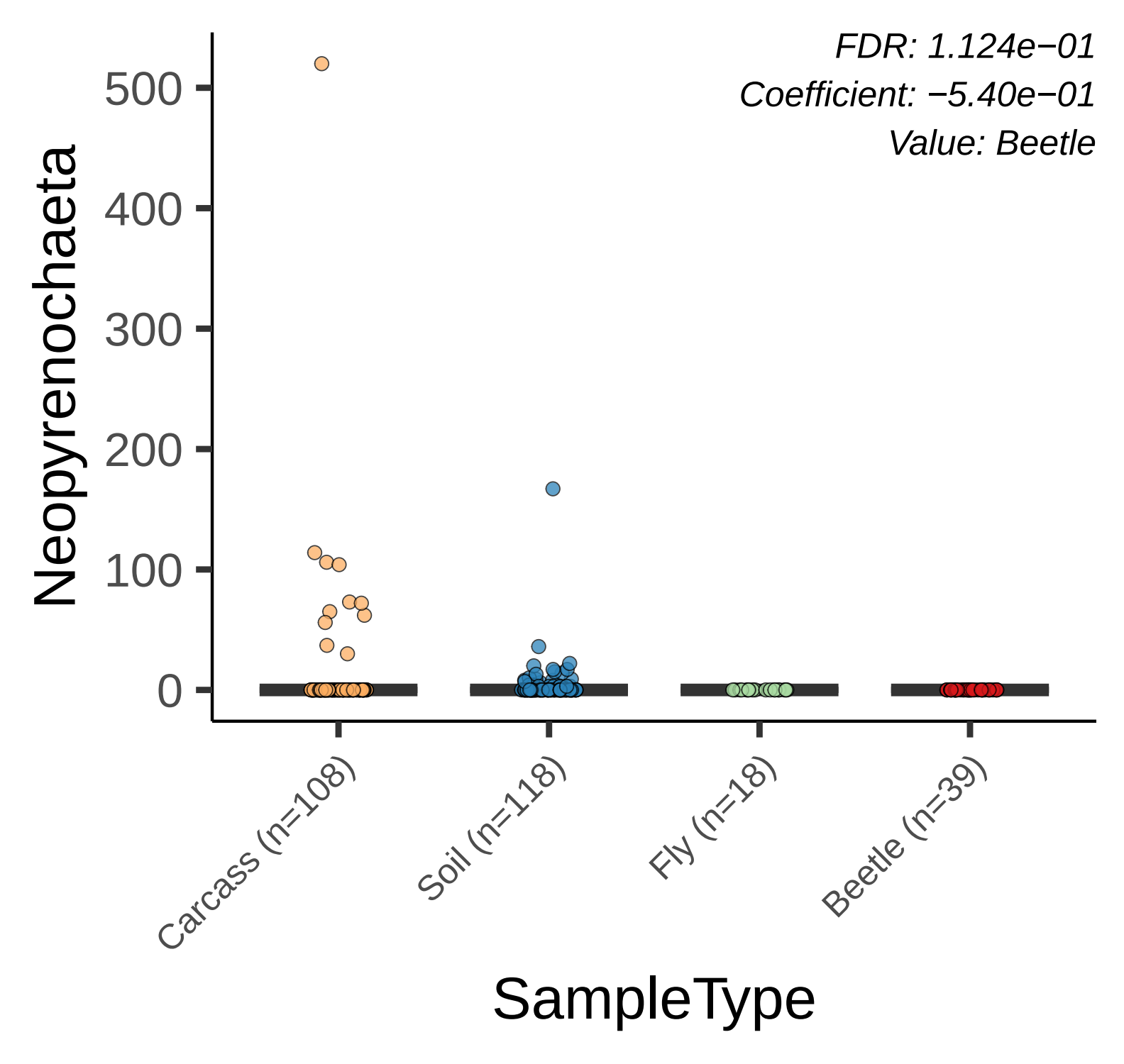

FDR: 9.639e−02
Coefficient: −8.64e−01
Value: Beetle
Clonostachys
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

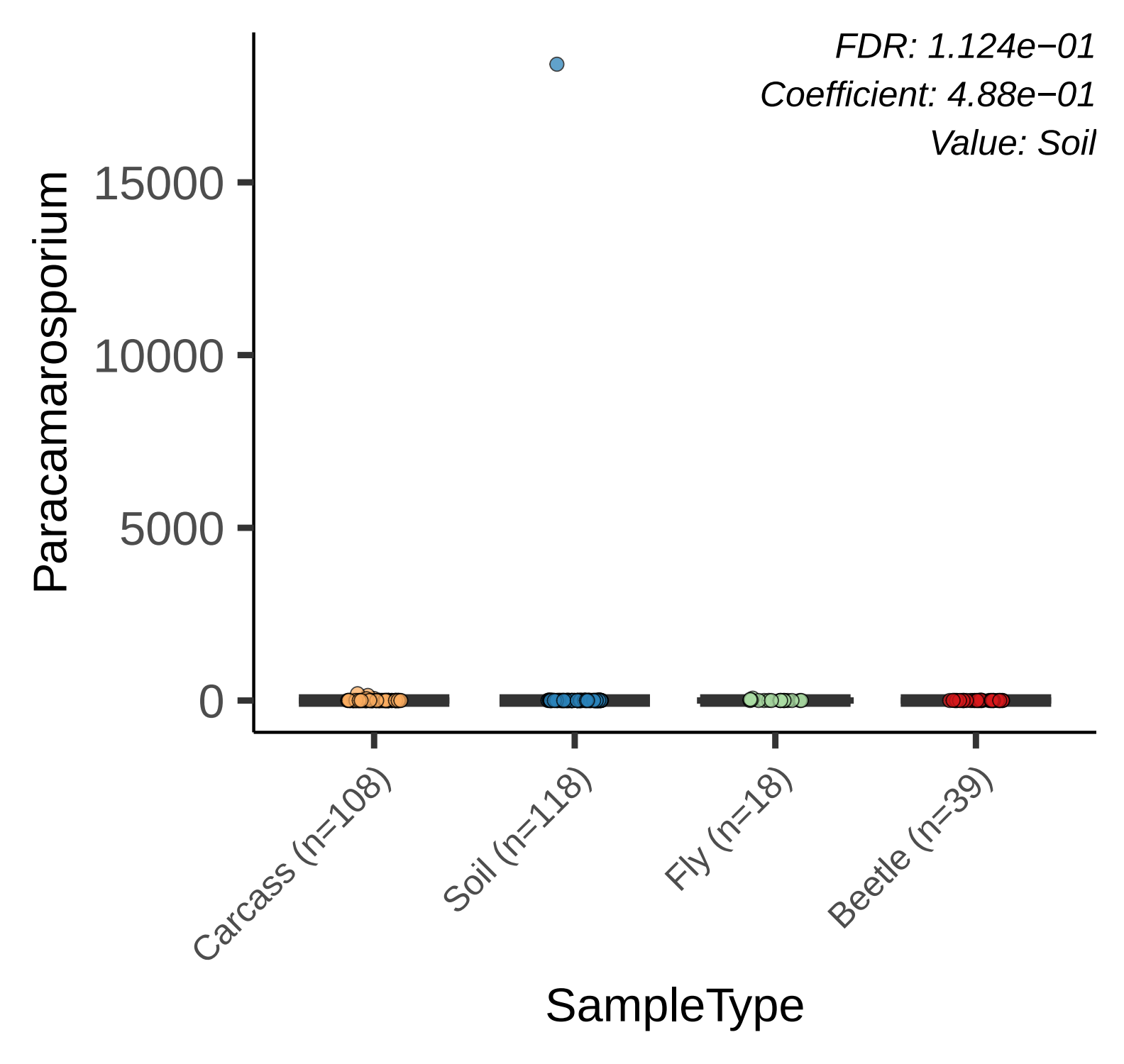

FDR: 1.035e−01
Coefficient: 1.05e+00
Value: Fly
Yarrowia
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

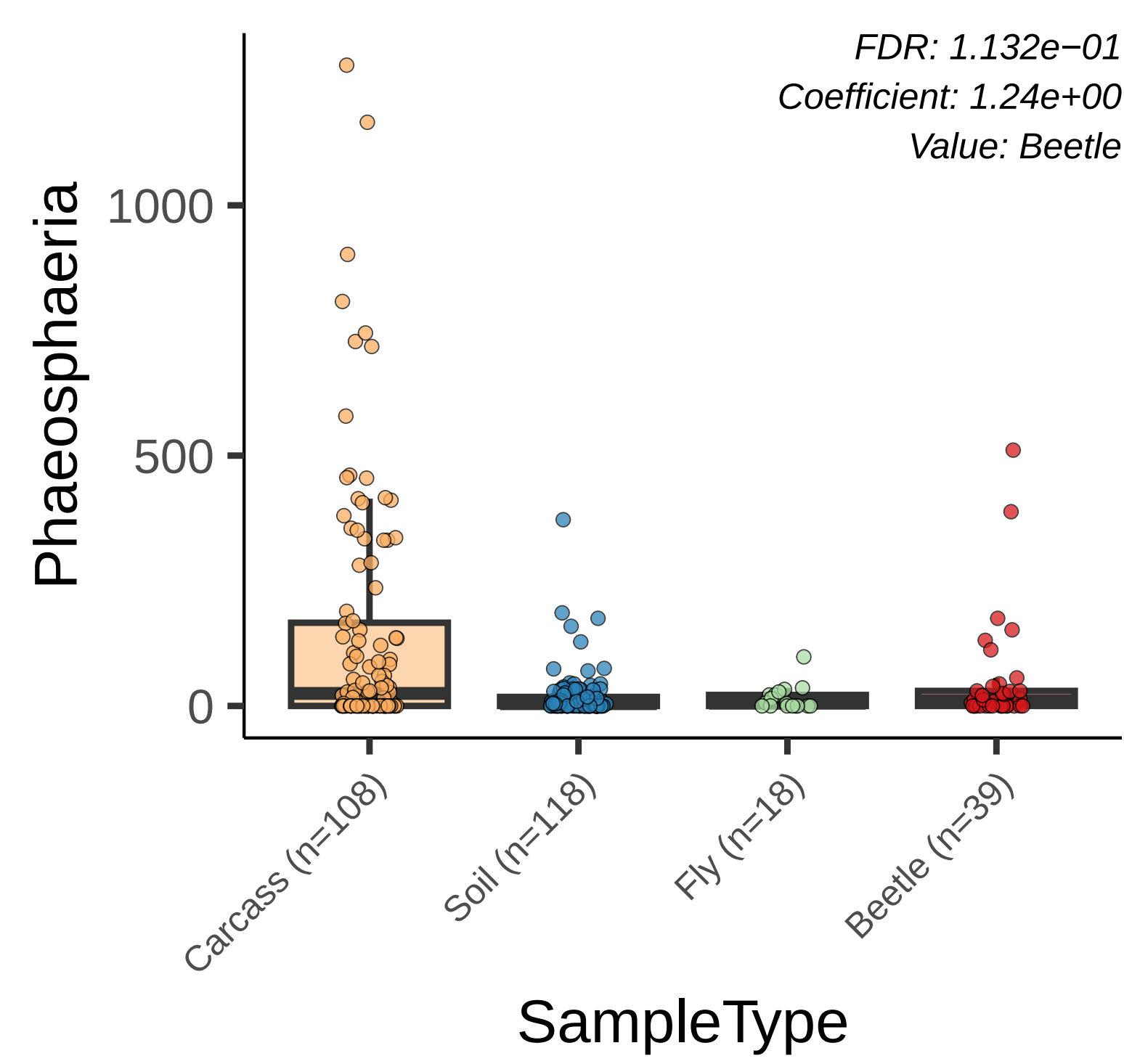

FDR: 1.035e−01
Coefficient: 8.75e−01
Value: Fly
Capnodiales_gen_Incertae_sedis
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

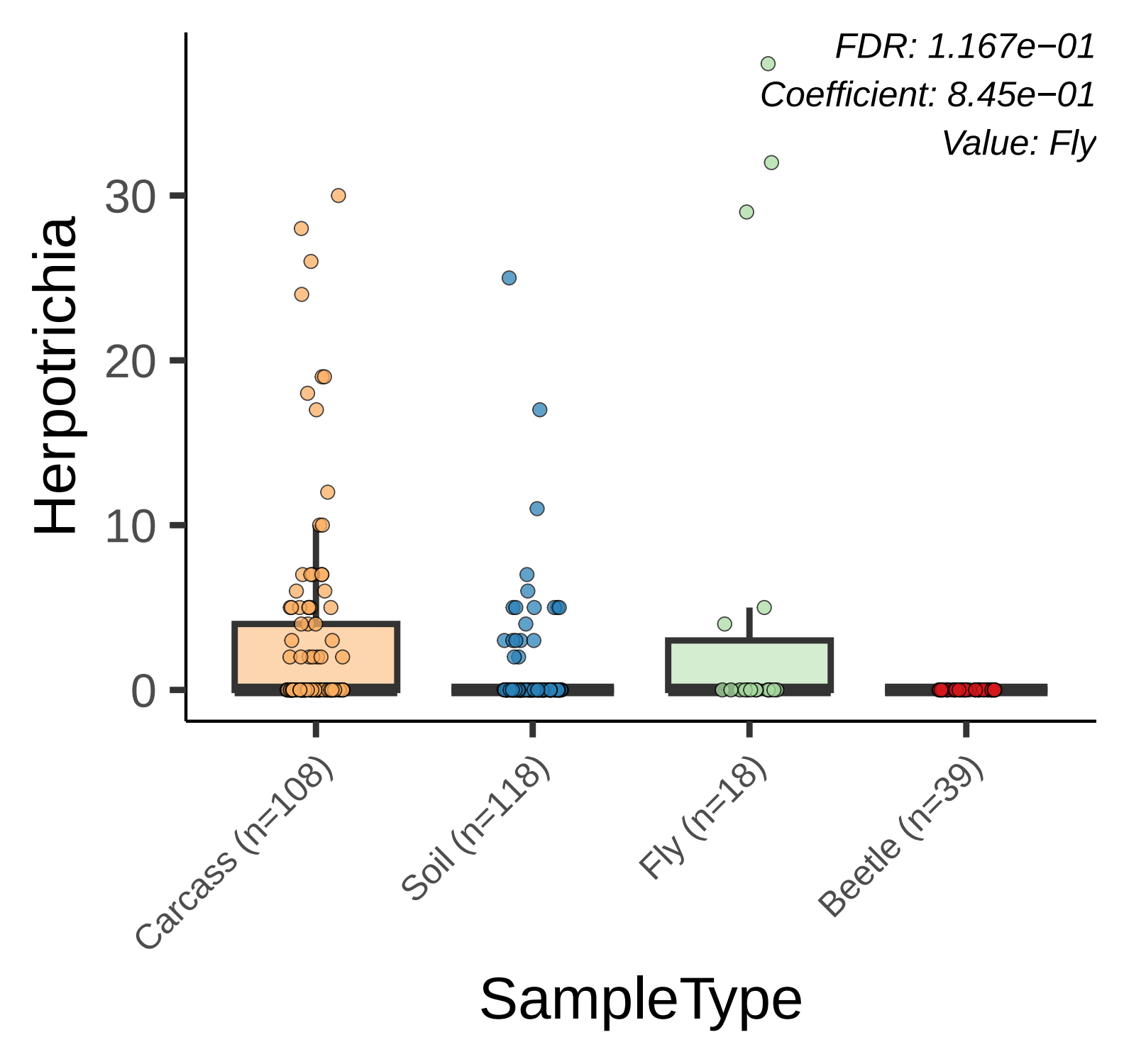

FDR: 1.040e−01
Coefficient: −4.68e−01
Value: Soil
Stereum
200
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

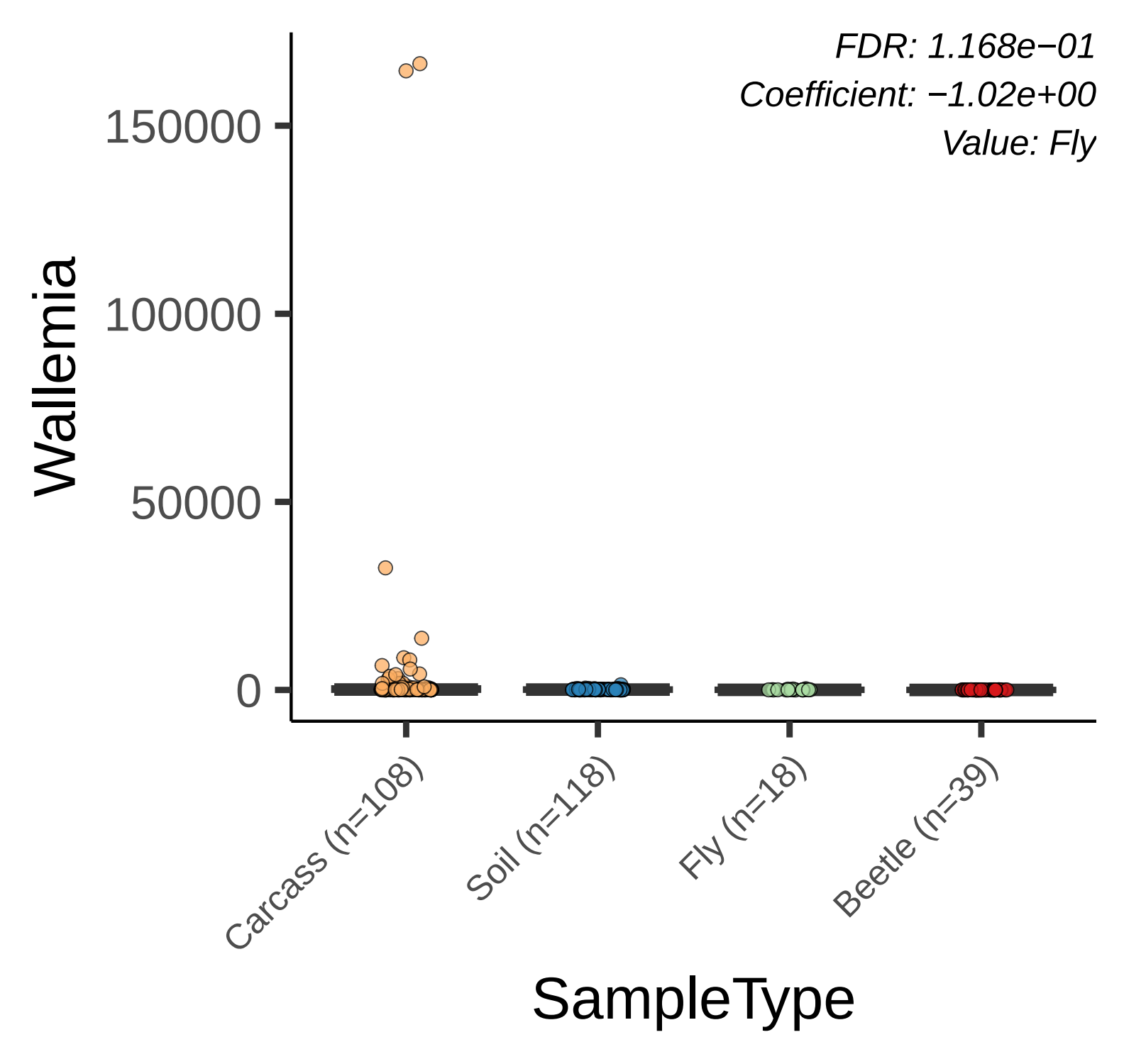

FDR: 1.107e−01
Coefficient: −1.25e+00
Value: Fly
Stachybotrys
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

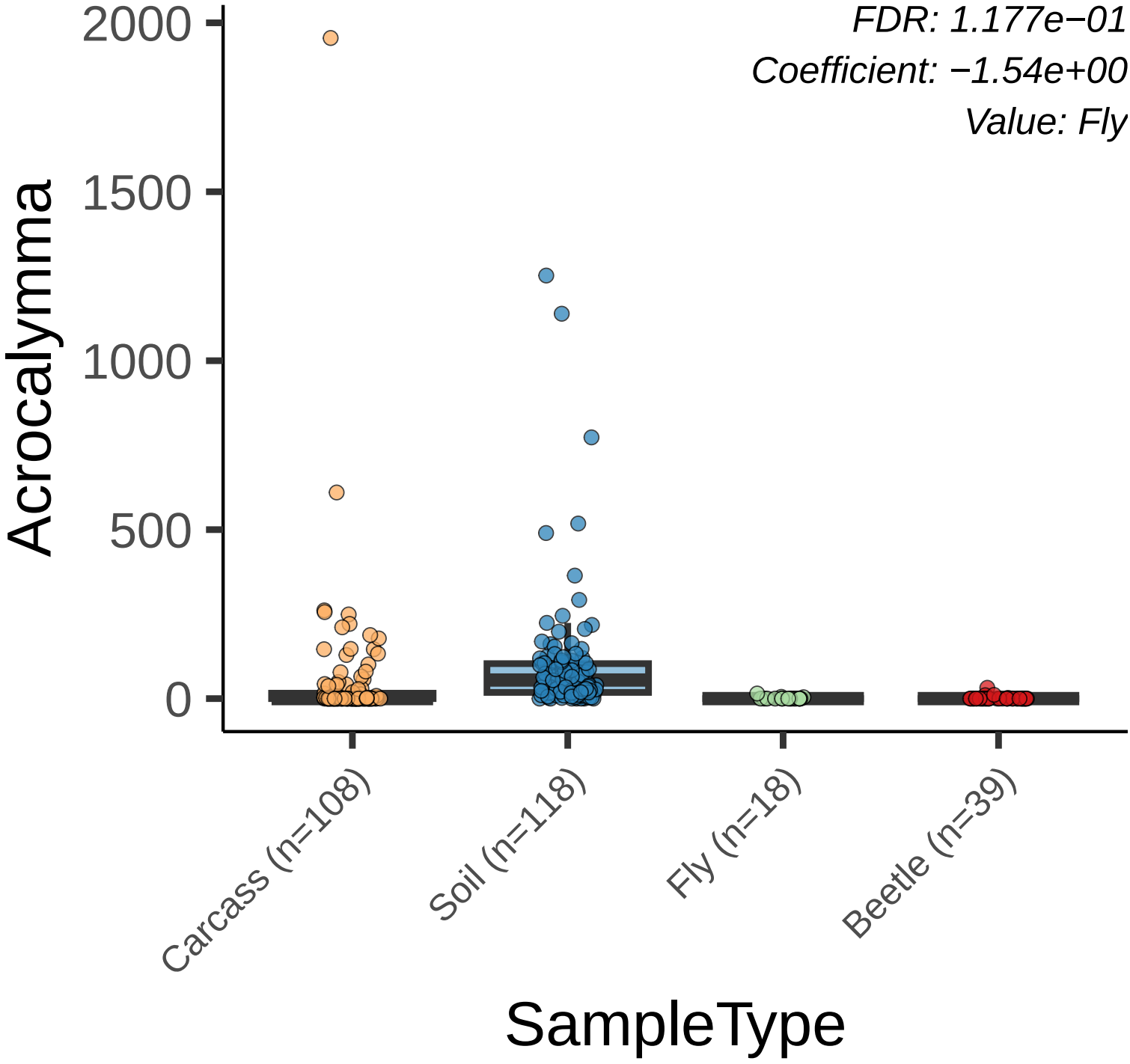

FDR: 1.124e−01
Coefficient: −5.40e−01
Value: Beetle
Neopyrenochaeta
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

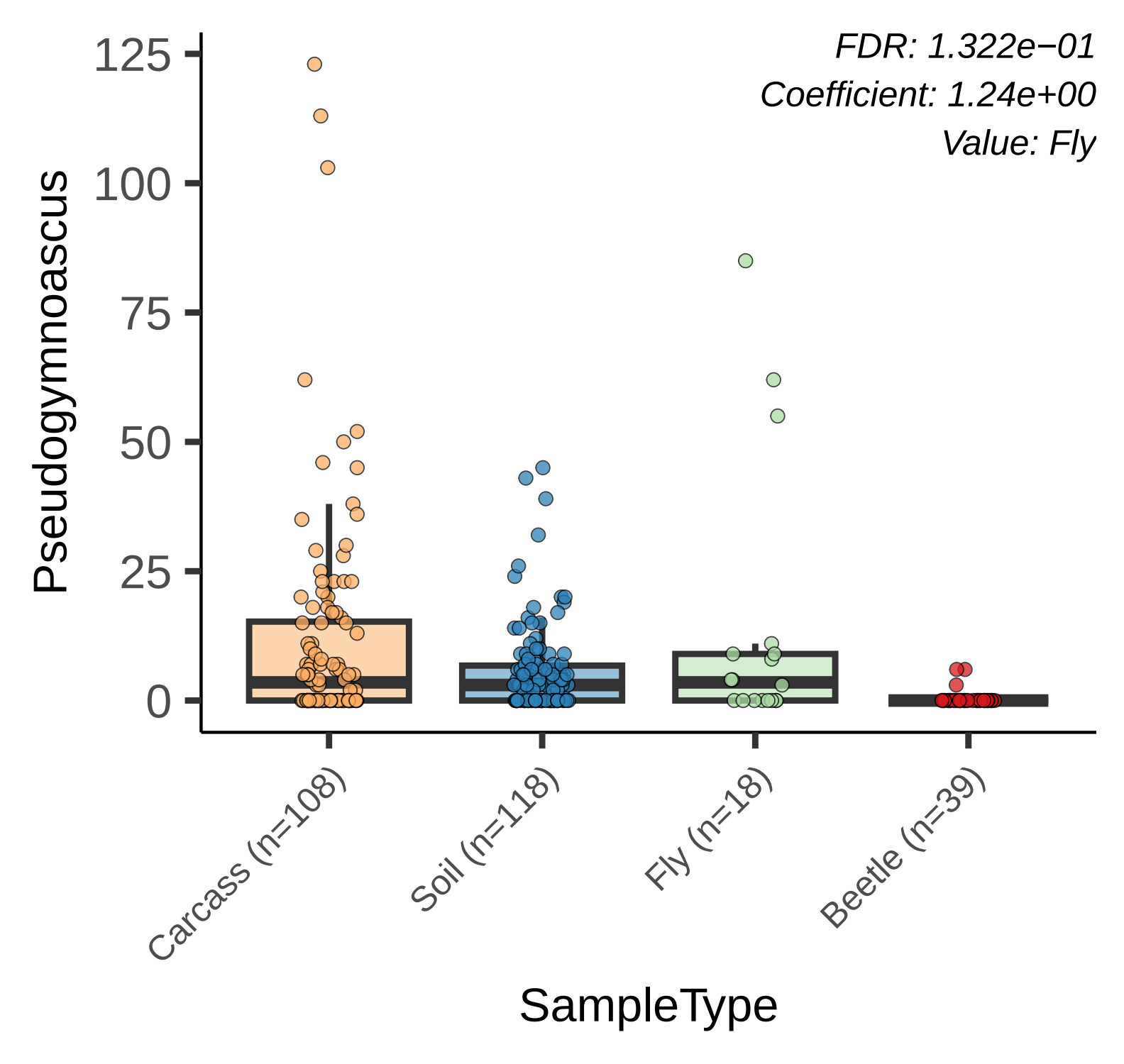

FDR: 1.124e−01
Coefficient: 4.88e−01
Value: Soil
Paracamarosporium
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

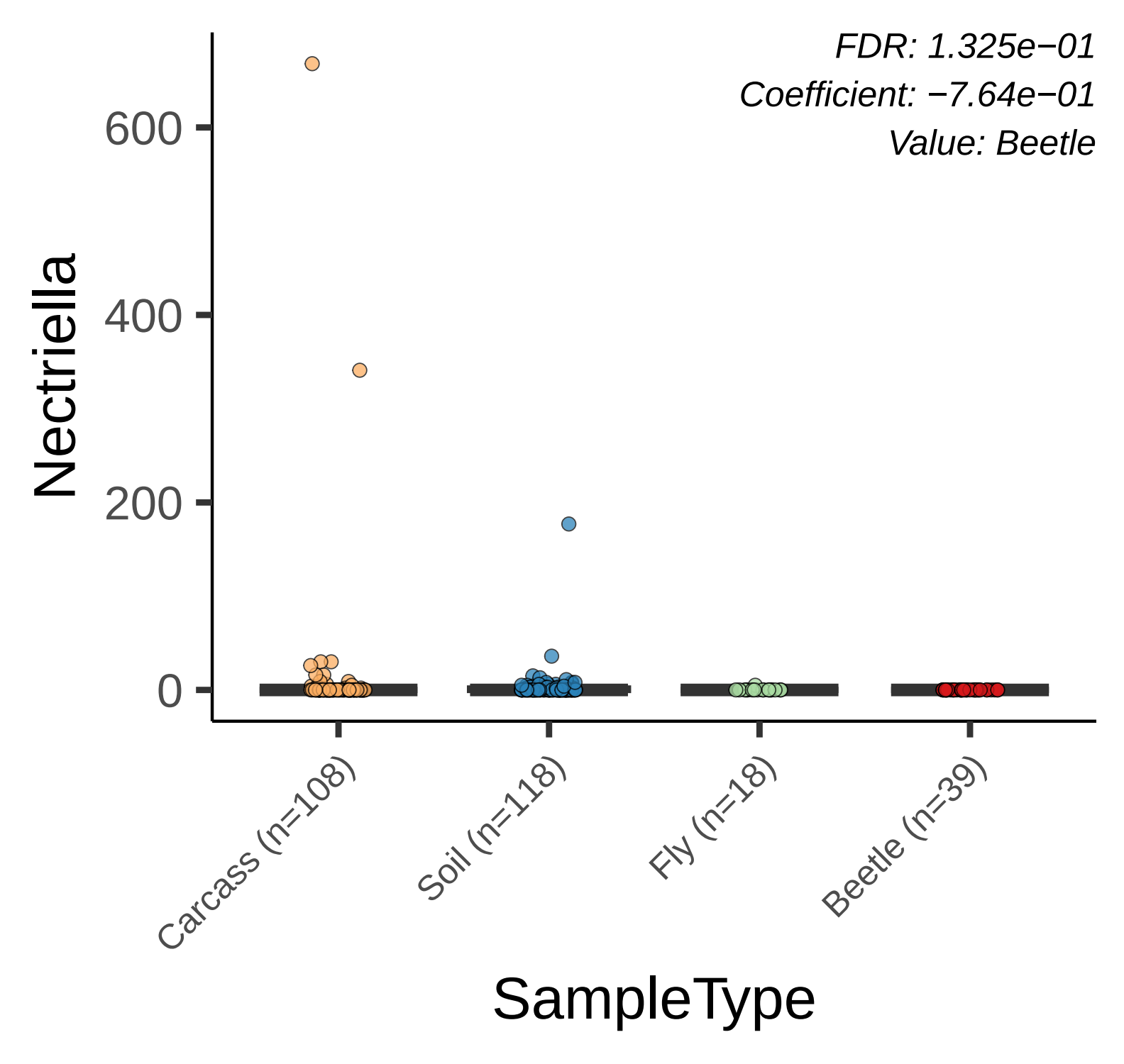

FDR: 1.132e−01
Coefficient: 1.24e+00
Value: Beetle
Phaeosphaeria
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

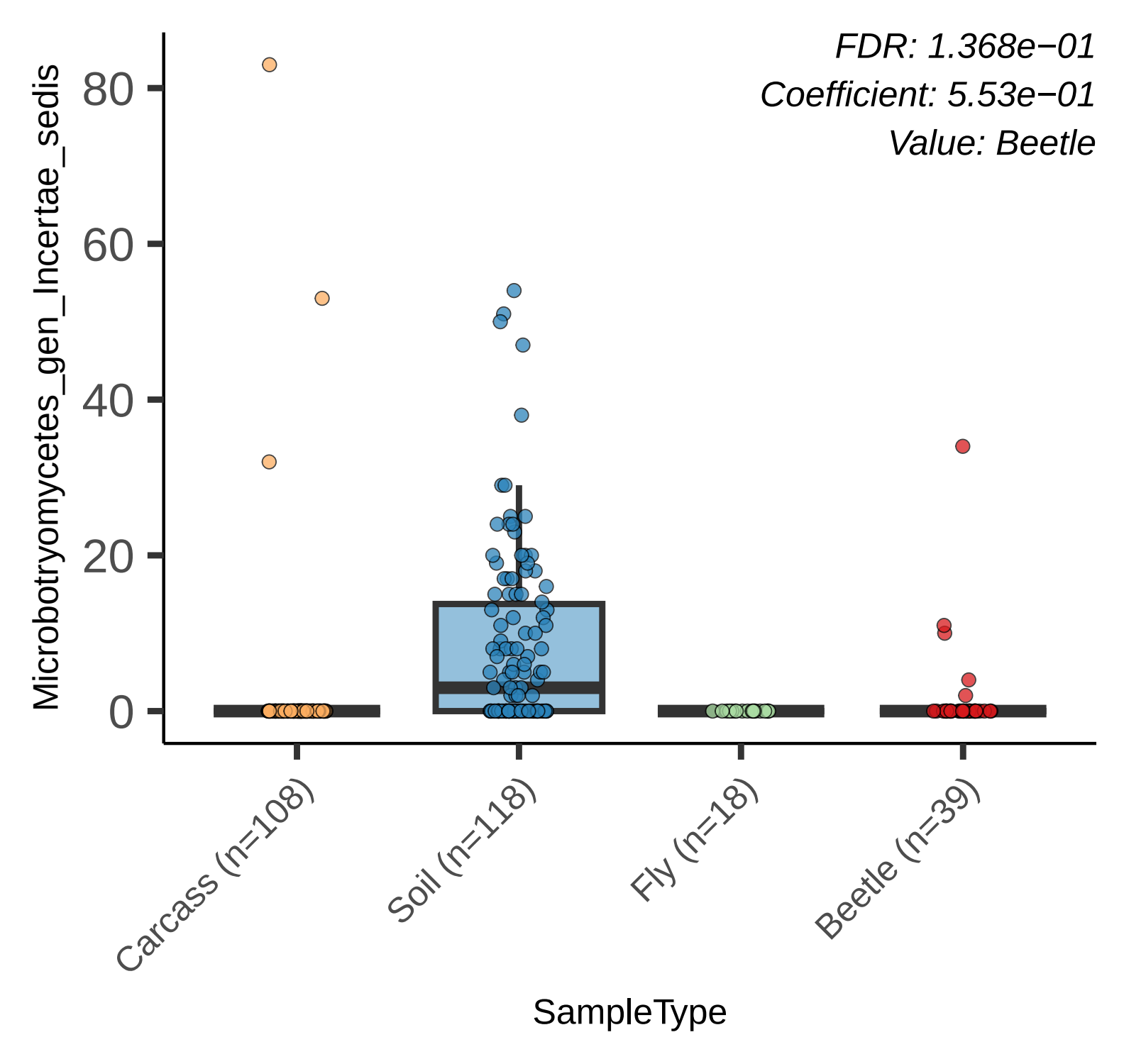

FDR: 1.167e−01
Coefficient: 8.45e−01
Value: Fly
Herpotrichia
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

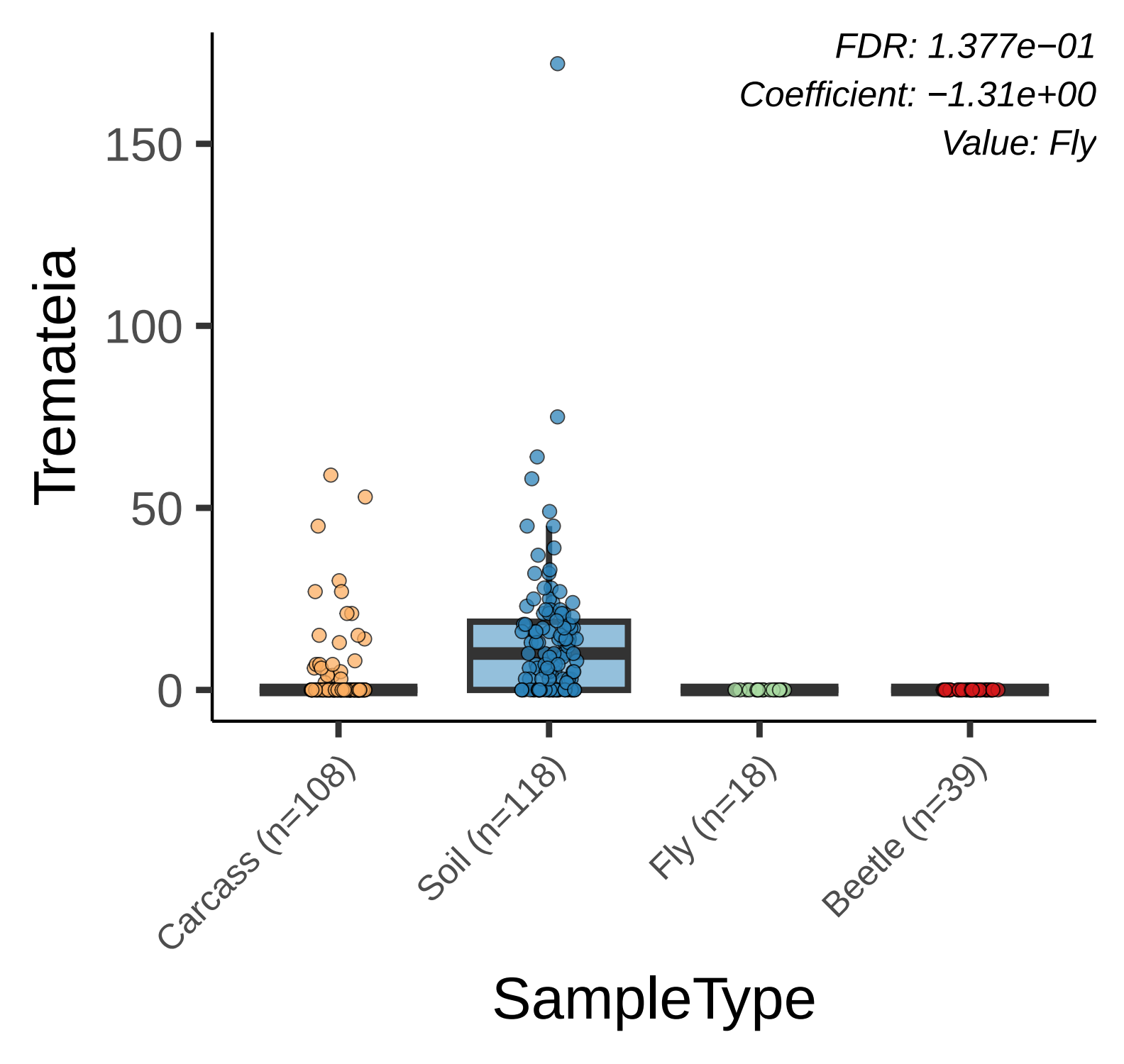

FDR: 1.168e−01
Coefficient: −1.02e+00
Value: Fly
Wallemia
150000
100000
50000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

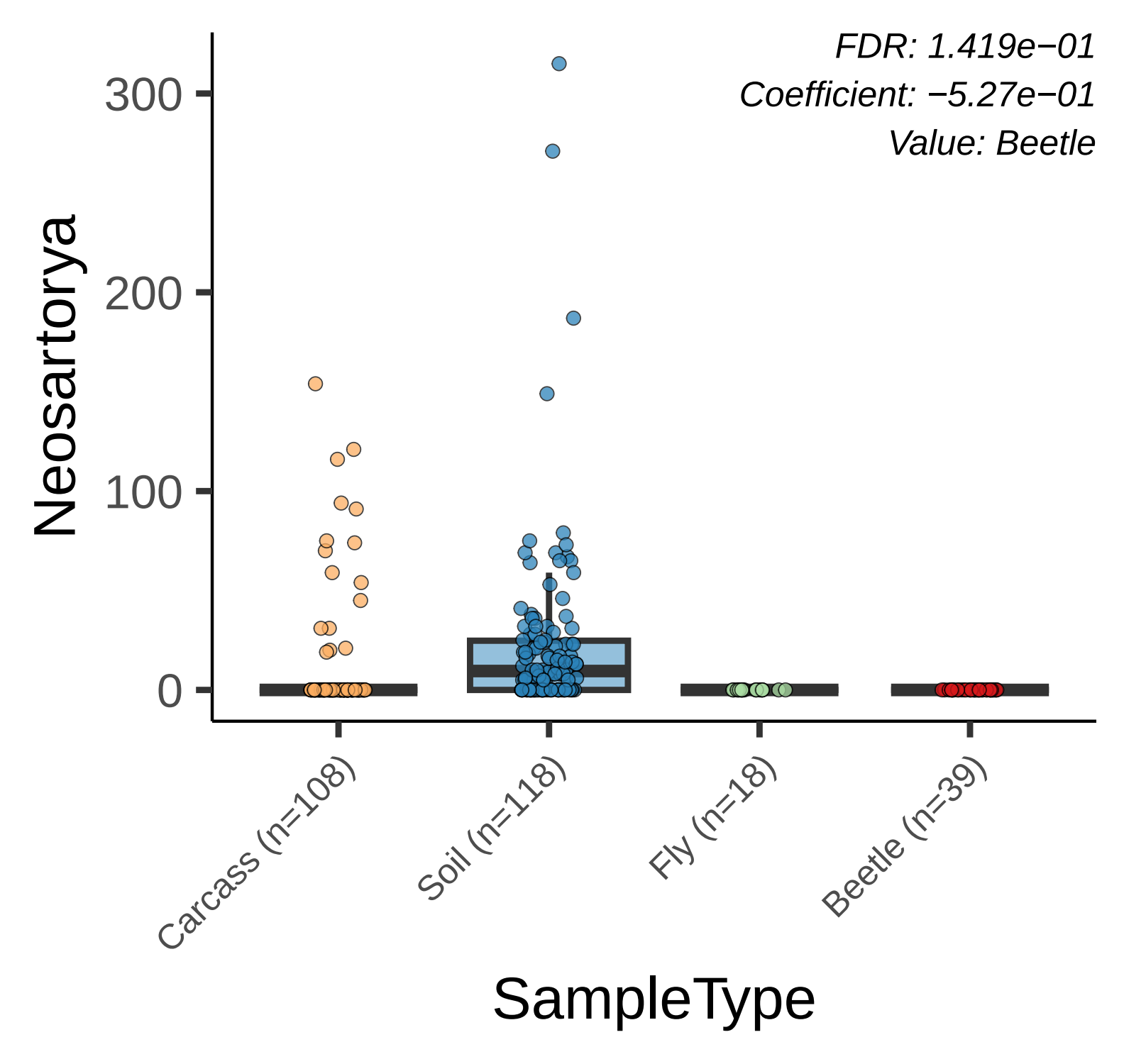

FDR: 1.177e−01
Coefficient: −1.54e+00
Value: Fly
Acrocalymma
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

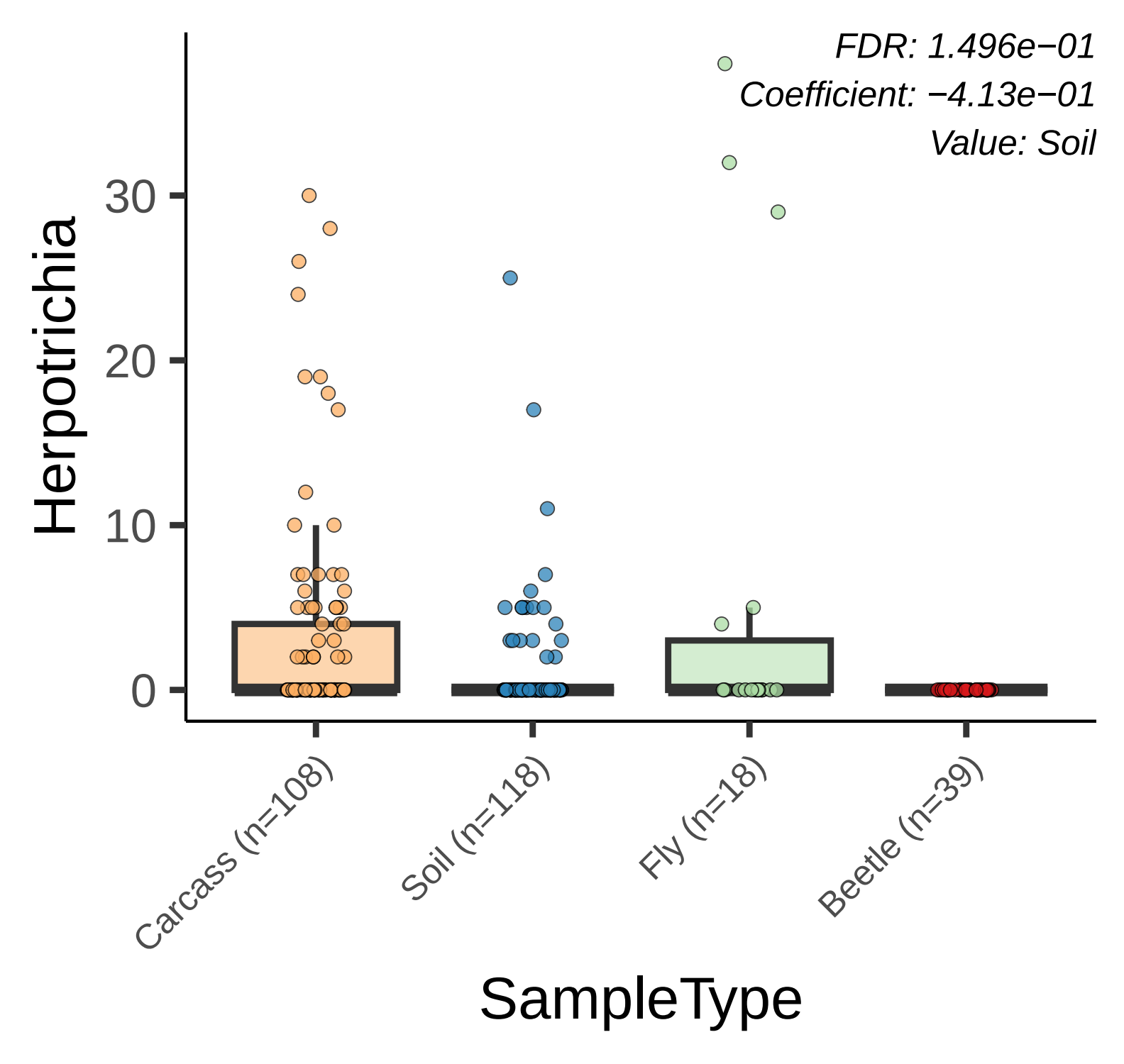

FDR: 1.322e−01
Coefficient: 1.24e+00
Value: Fly
Pseudogymnoascus
125
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

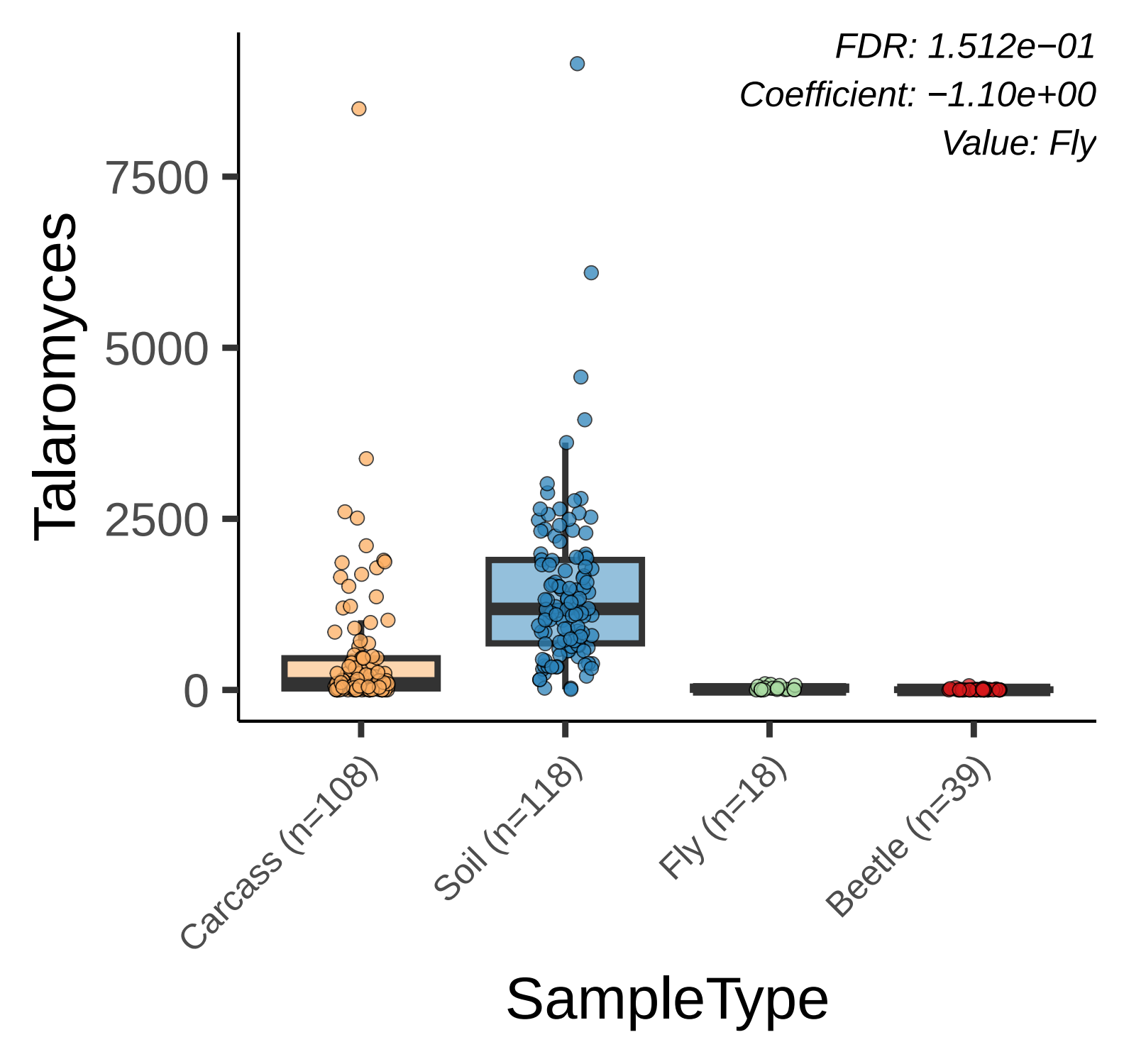

FDR: 1.325e−01
Coefficient: −7.64e−01
Value: Beetle
Nectriella
600
400
200
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

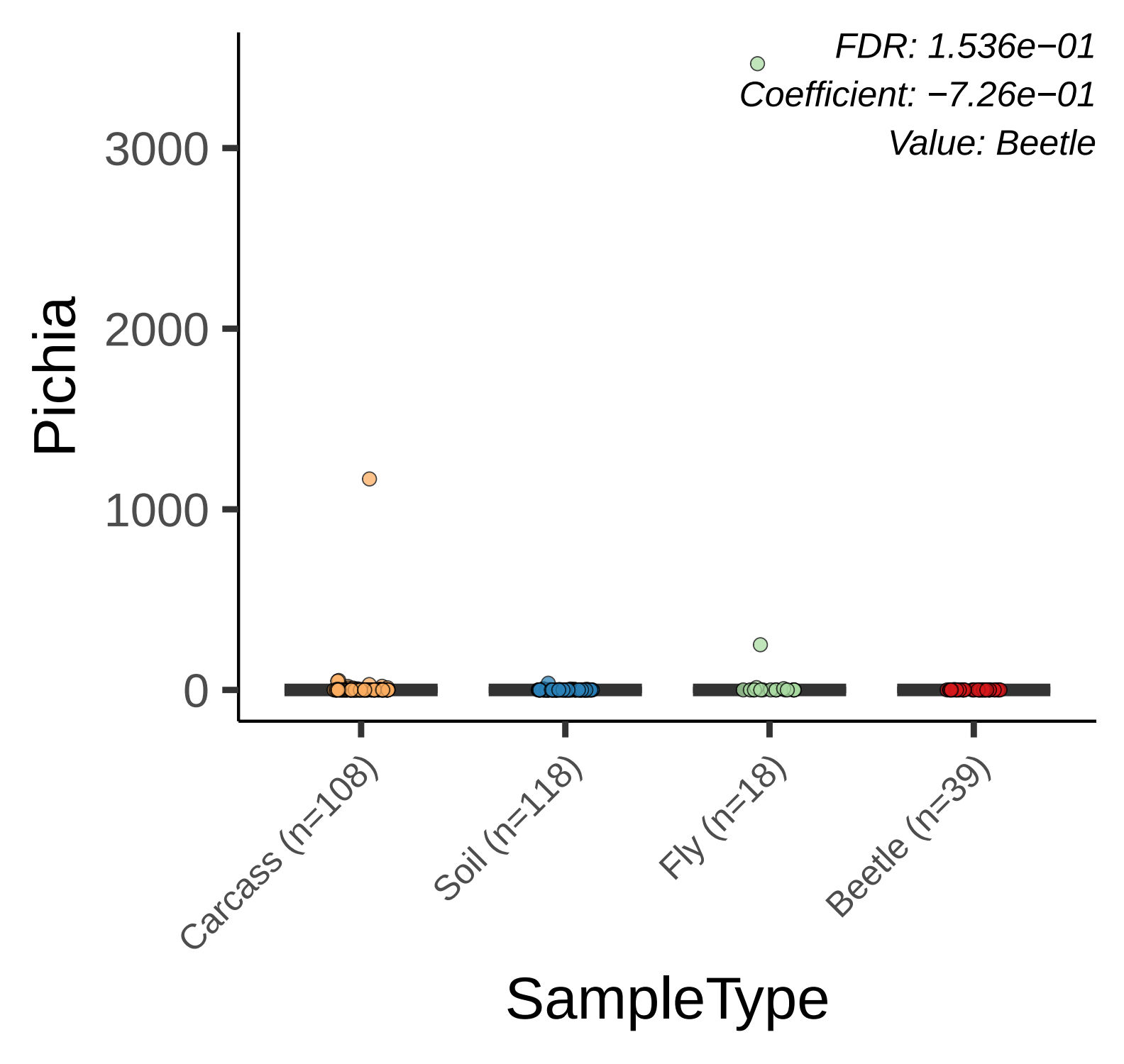

FDR: 1.368e−01
Coefficient: 5.53e−01
Value: Beetle
Microbotryomycetes_gen_Incertae_sedis
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

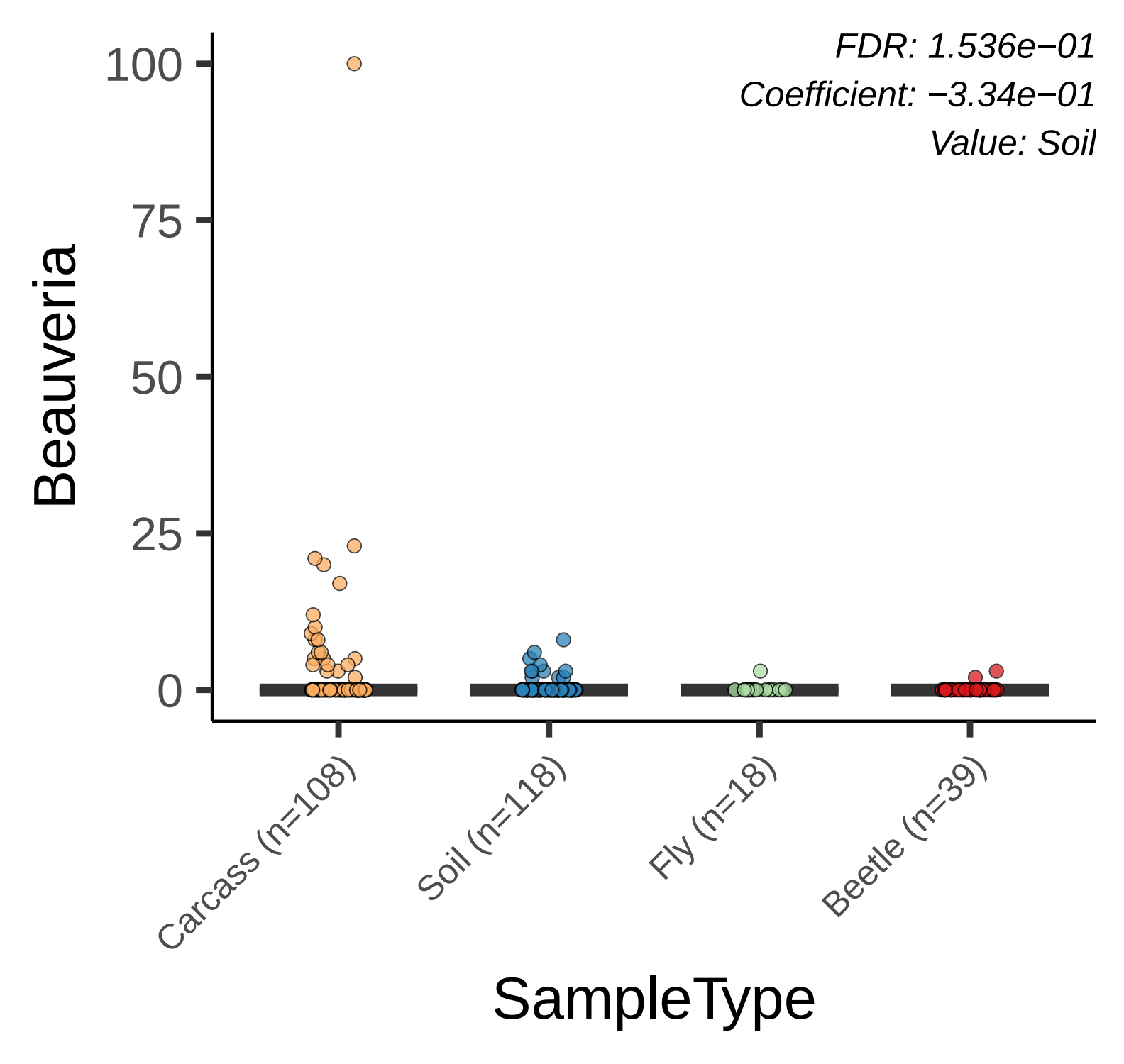

FDR: 1.377e−01
Coefficient: −1.31e+00
Value: Fly
Trematelia
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

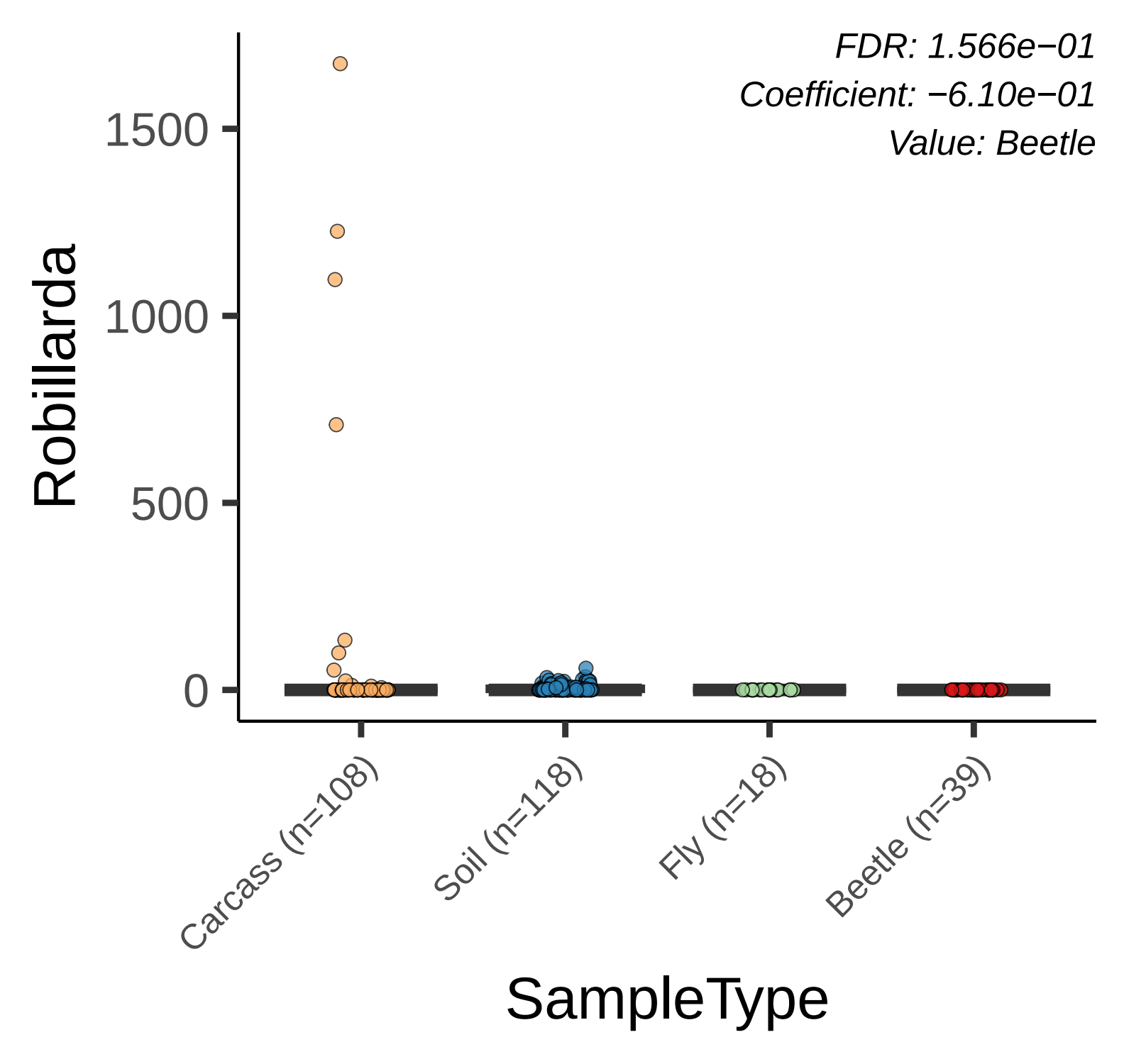

FDR: 1.419e−01
Coefficient: −5.27e−01
Value: Beetle
Neosartorya
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

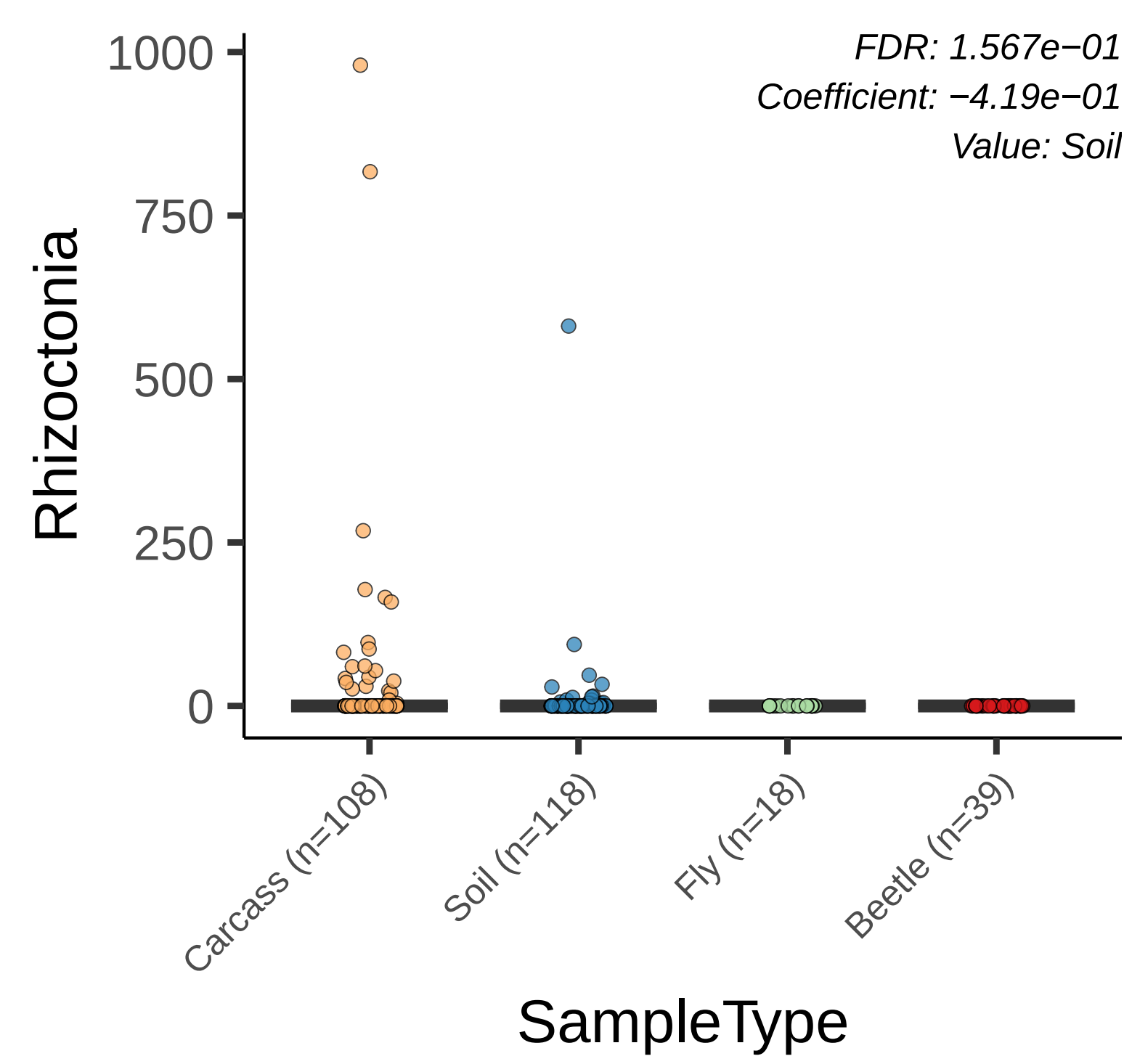

FDR: 1.496e−01
Coefficient: −4.13e−01
Value: Soil
Herpotrichia
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

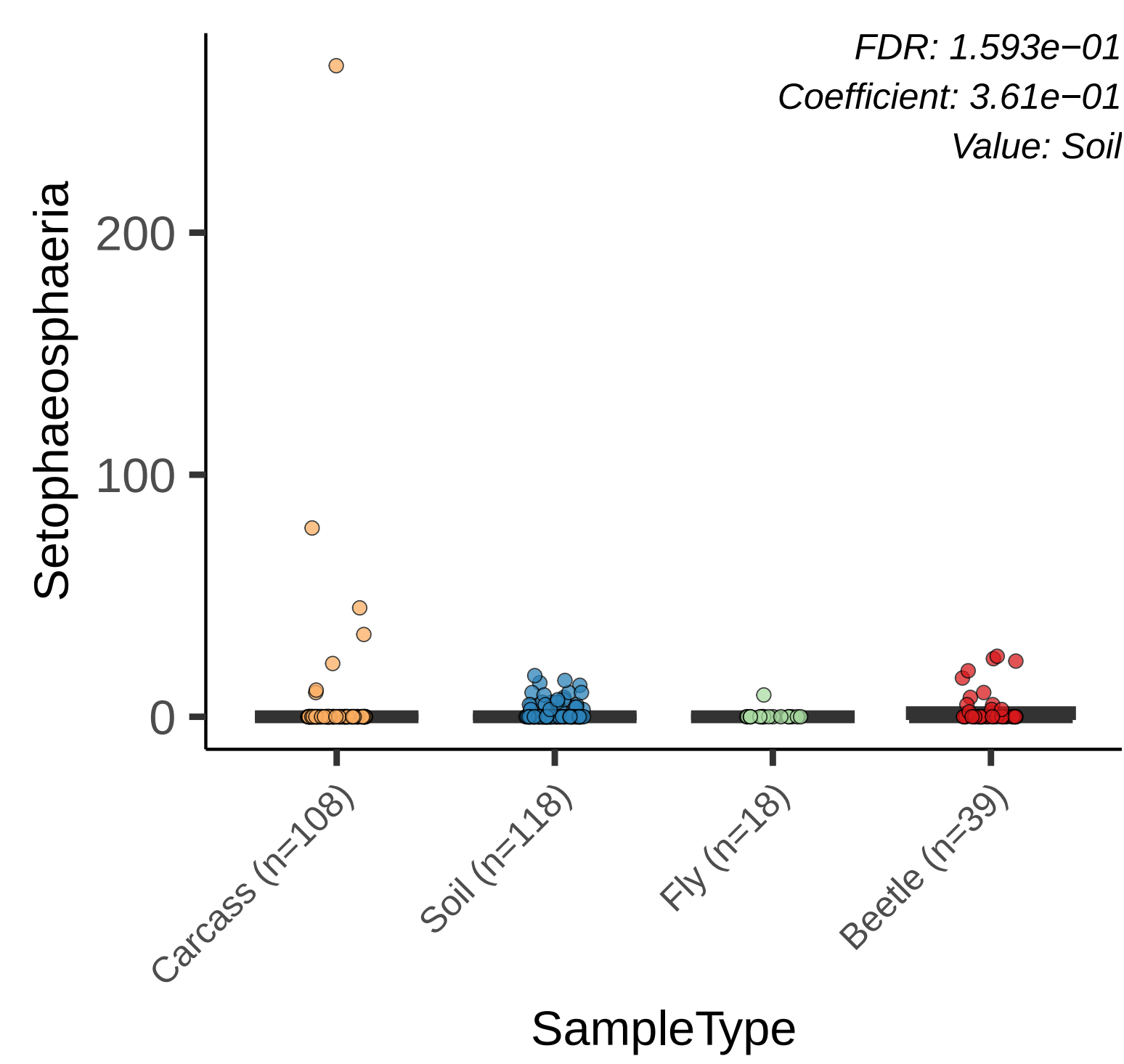

FDR: 1.512e−01
Coefficient: −1.10e+00
Value: Fly
Talaromyces
7500
5000
2500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

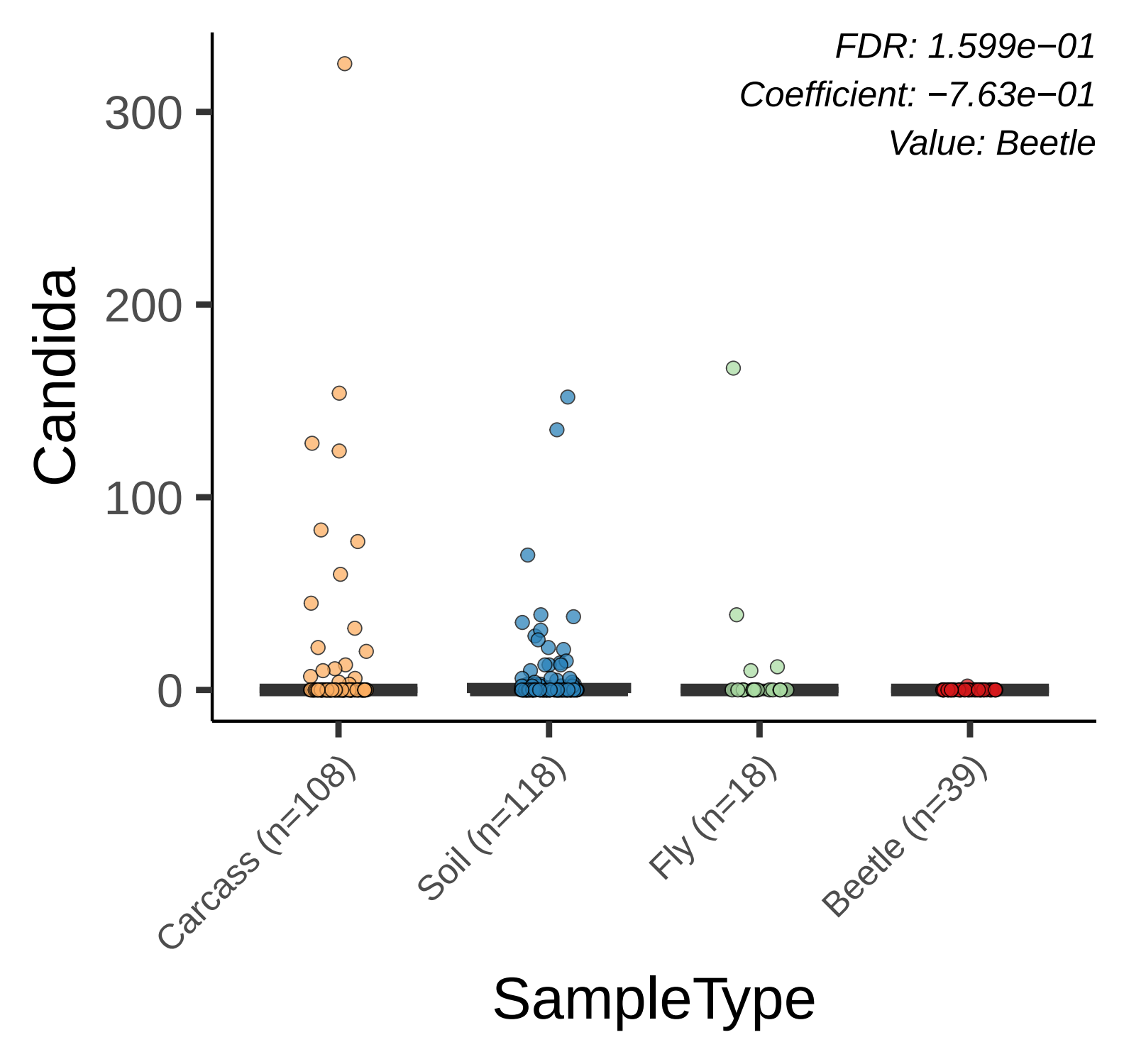

FDR: 1.536e−01
Coefficient: −7.26e−01
Value: Beetle
3000
2000
1000
0
Pichia
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

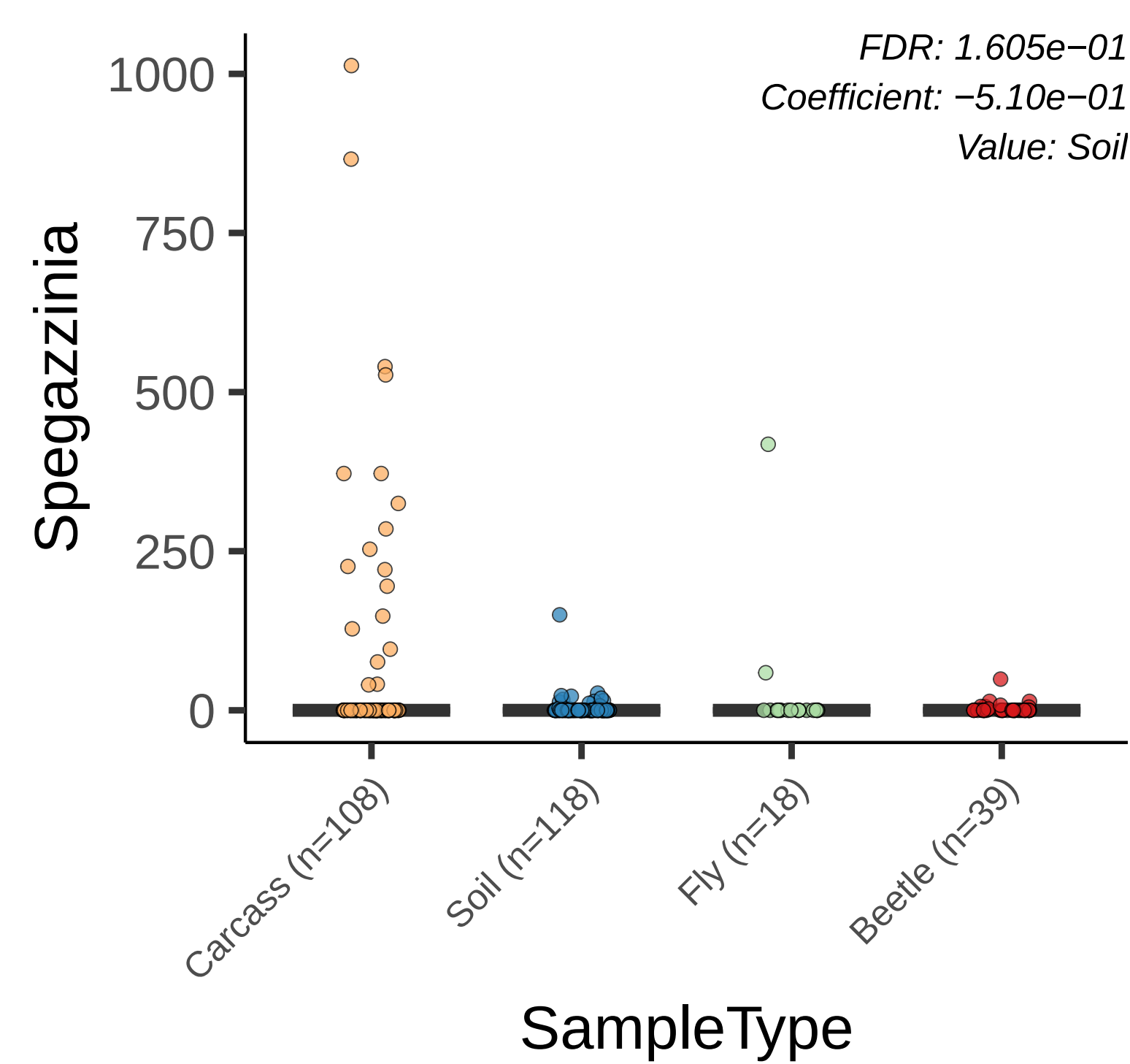

FDR: 1.536e−01
Coefficient: −3.34e−01
Value: Soil
Beauveria
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

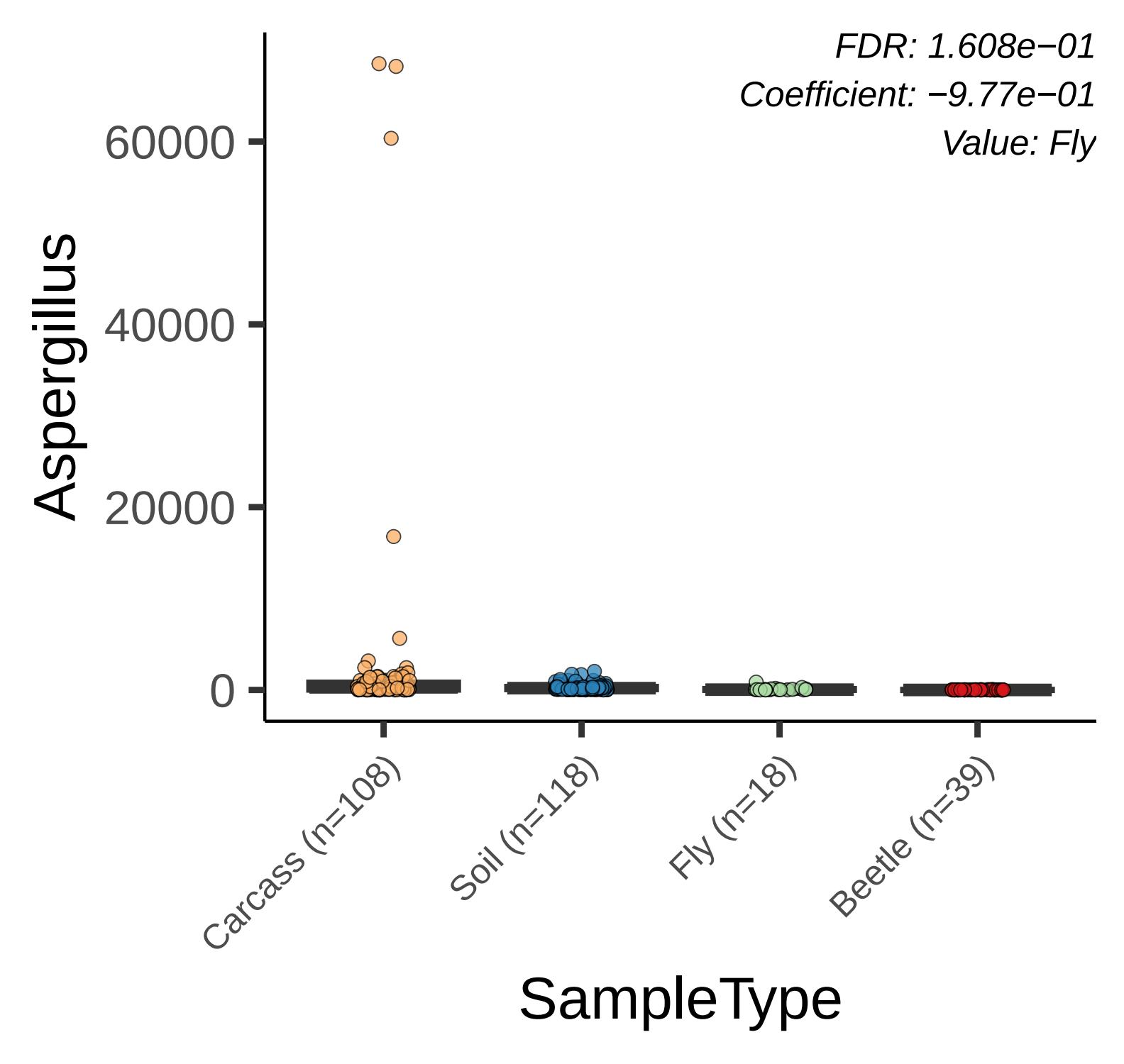

FDR: 1.566e−01
Coefficient: −6.10e−01
Value: Beetle
Robillarda
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

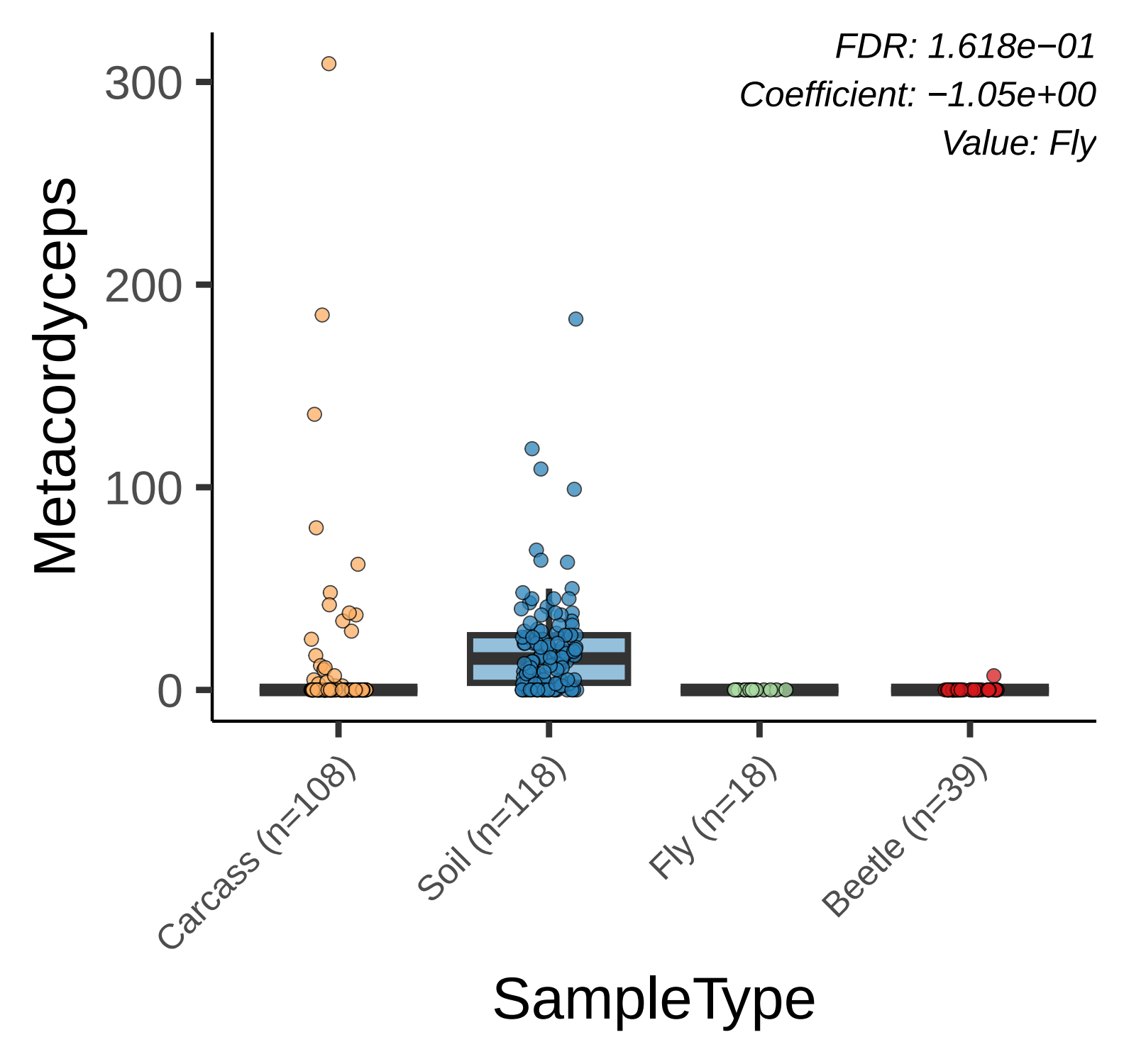

FDR: 1.567e−01
Coefficient: −4.19e−01
Value: Soil
Rhizoctonia
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

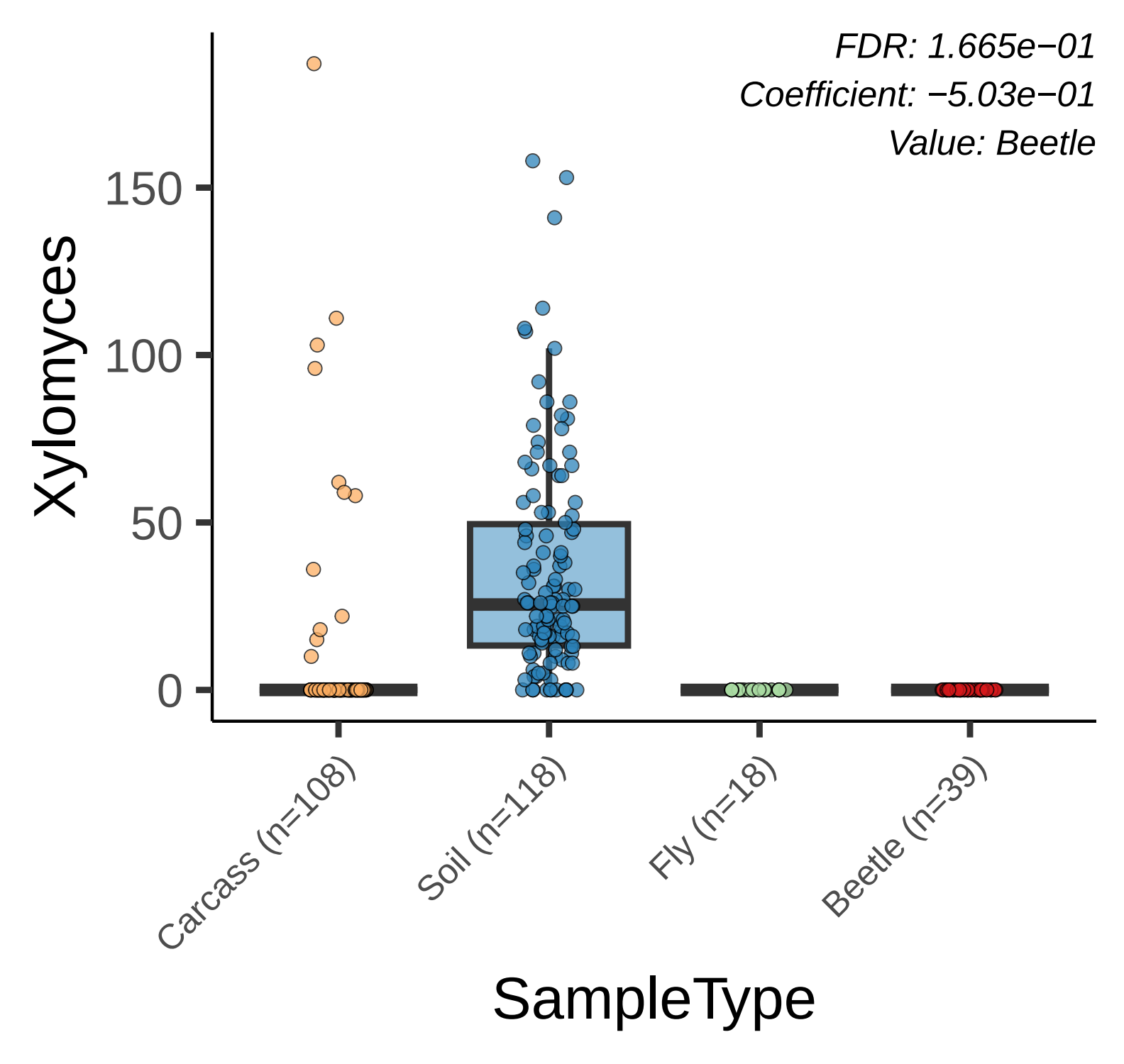

FDR: 1.593e−01
Coefficient: 3.61e−01
Value: Soil
Setophaeosphaeria
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

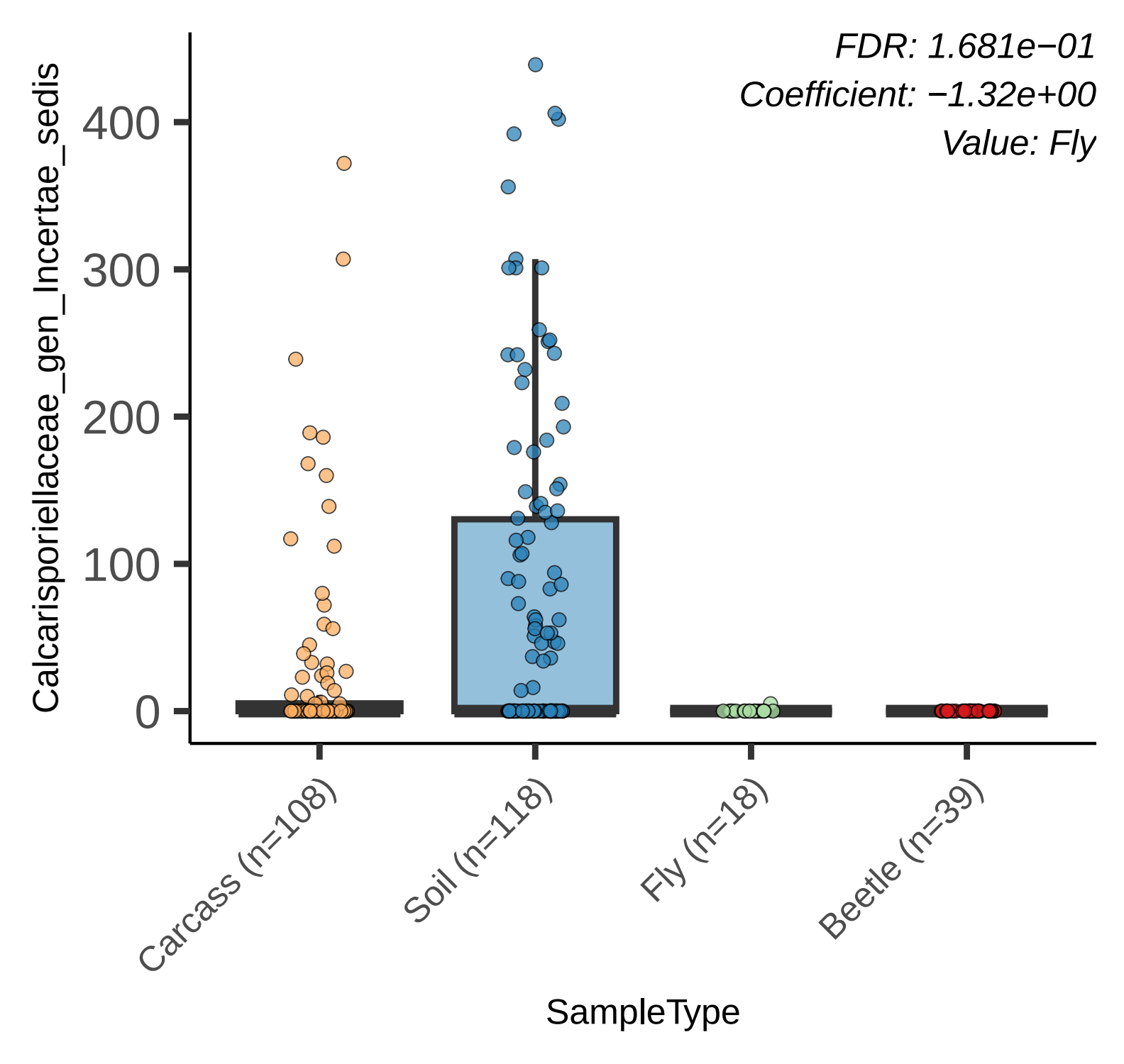

FDR: 1.599e−01
Coefficient: −7.63e−01
Value: Beetle
Candida
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

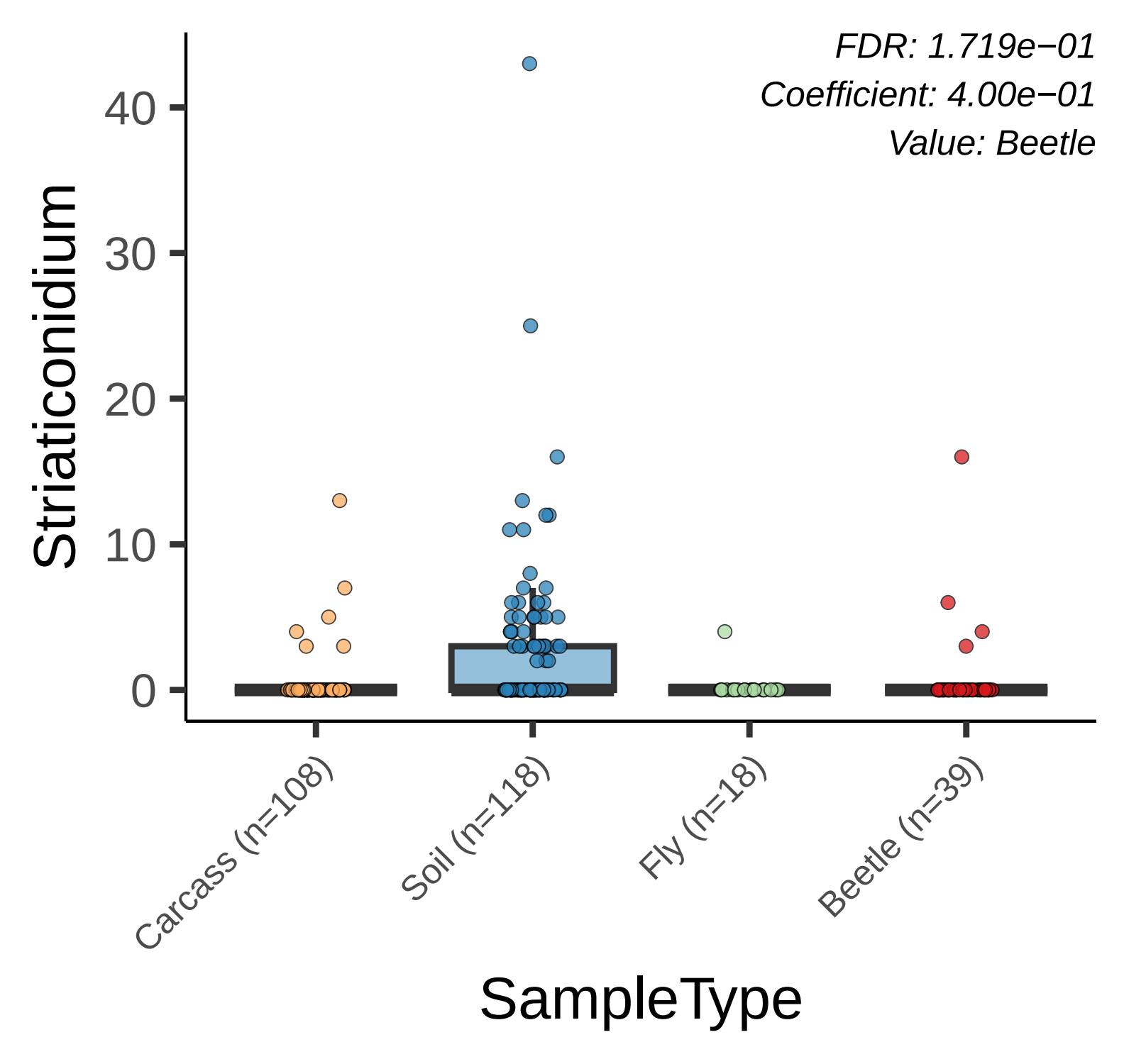

FDR: 1.605e−01
Coefficient: −5.10e−01
Value: Soil
Spegazzinia
1000
750
500
250
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

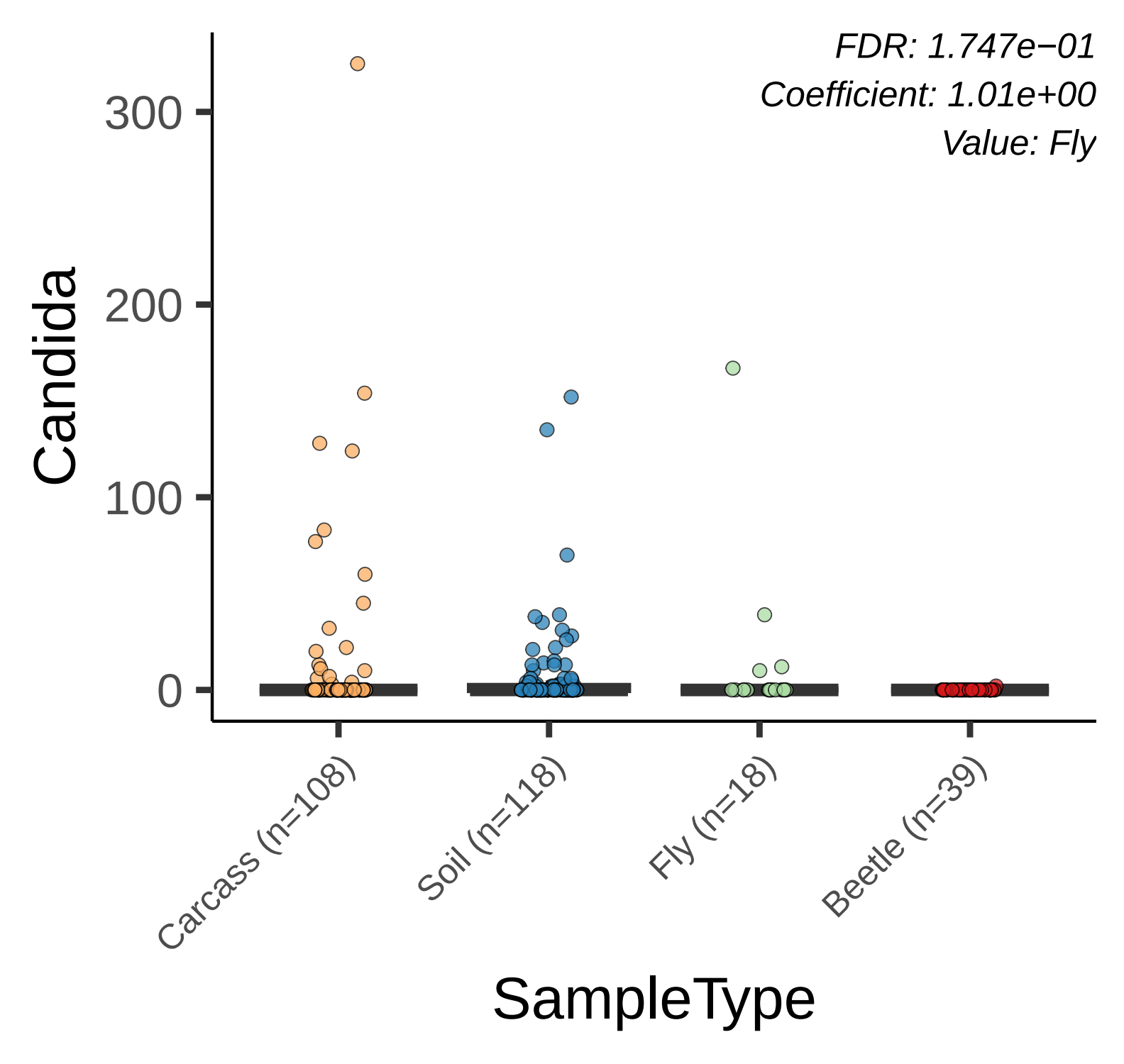

FDR: 1.608e−01
Coefficient: −9.77e−01
Value: Fly
Aspergillus
60000
40000
20000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

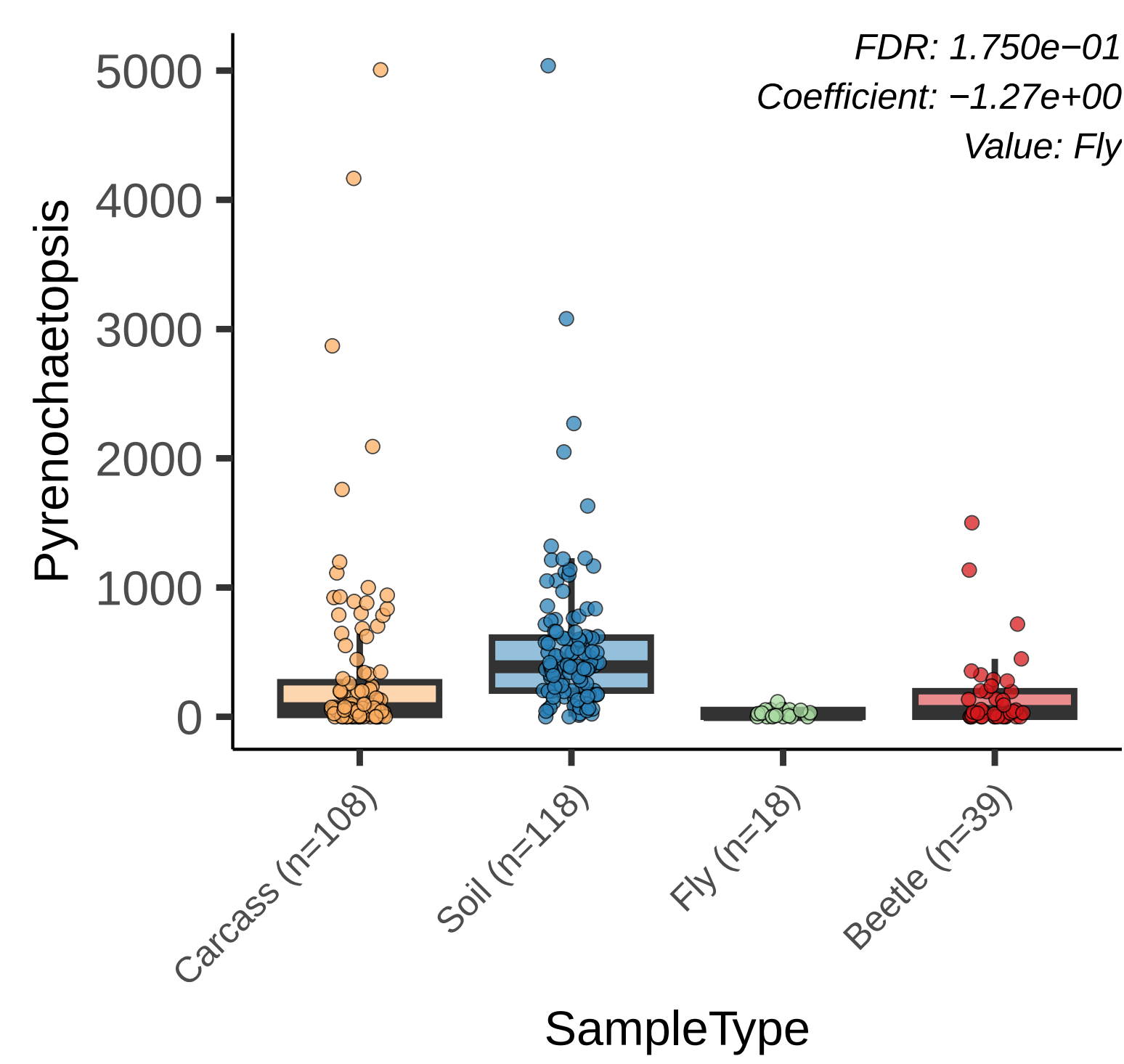

FDR: 1.618e−01
Coefficient: −1.05e+00
Value: Fly
Metacordyceps
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

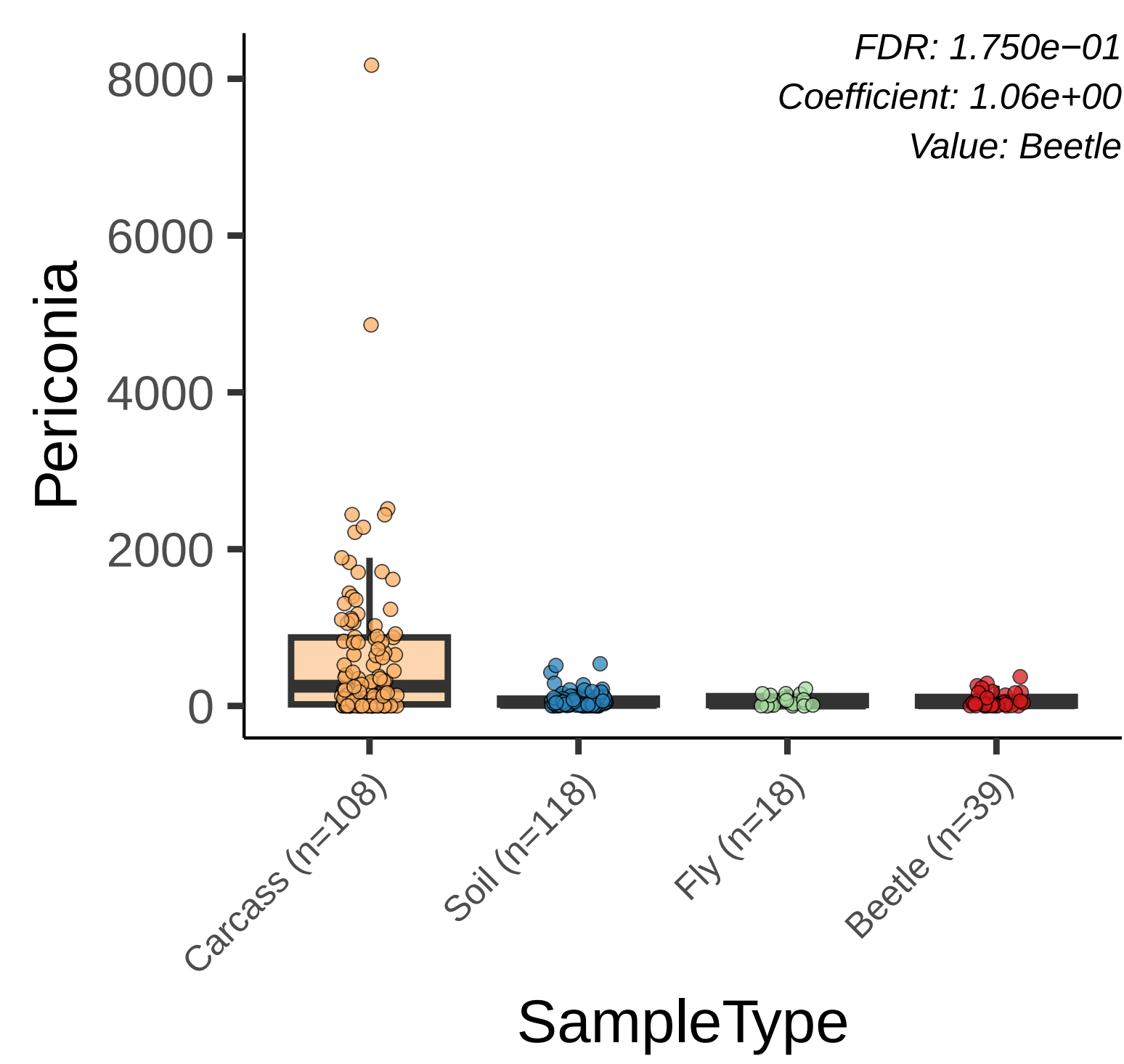

FDR: 1.665e−01
Coefficient: −5.03e−01
Value: Beetle
Xylomyces
150
100
50
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

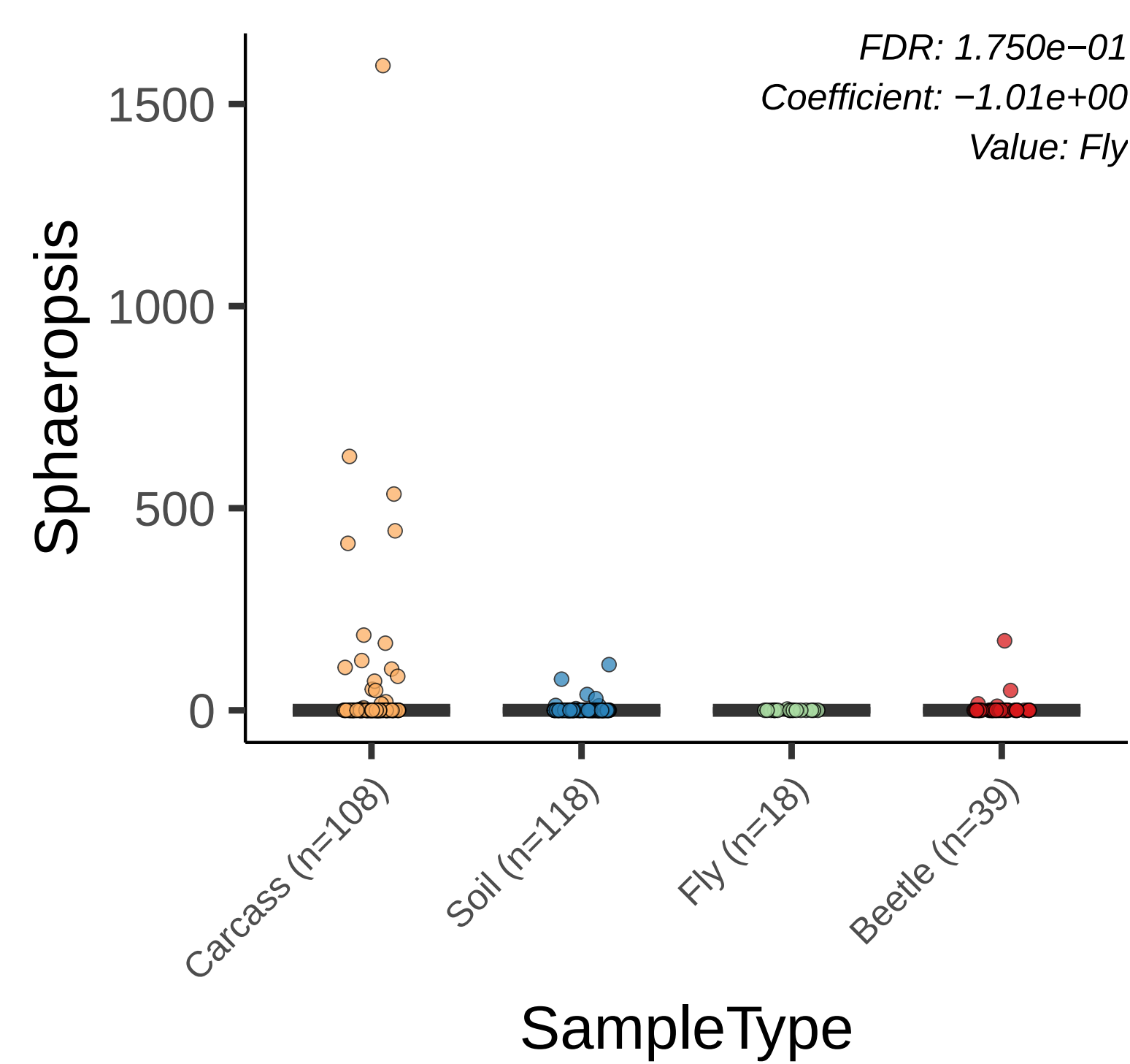

FDR: 1.681e−01
Coefficient: −1.32e+00
Value: Fly
Calcarisporiellaceae_gen_Incertae_sedis
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

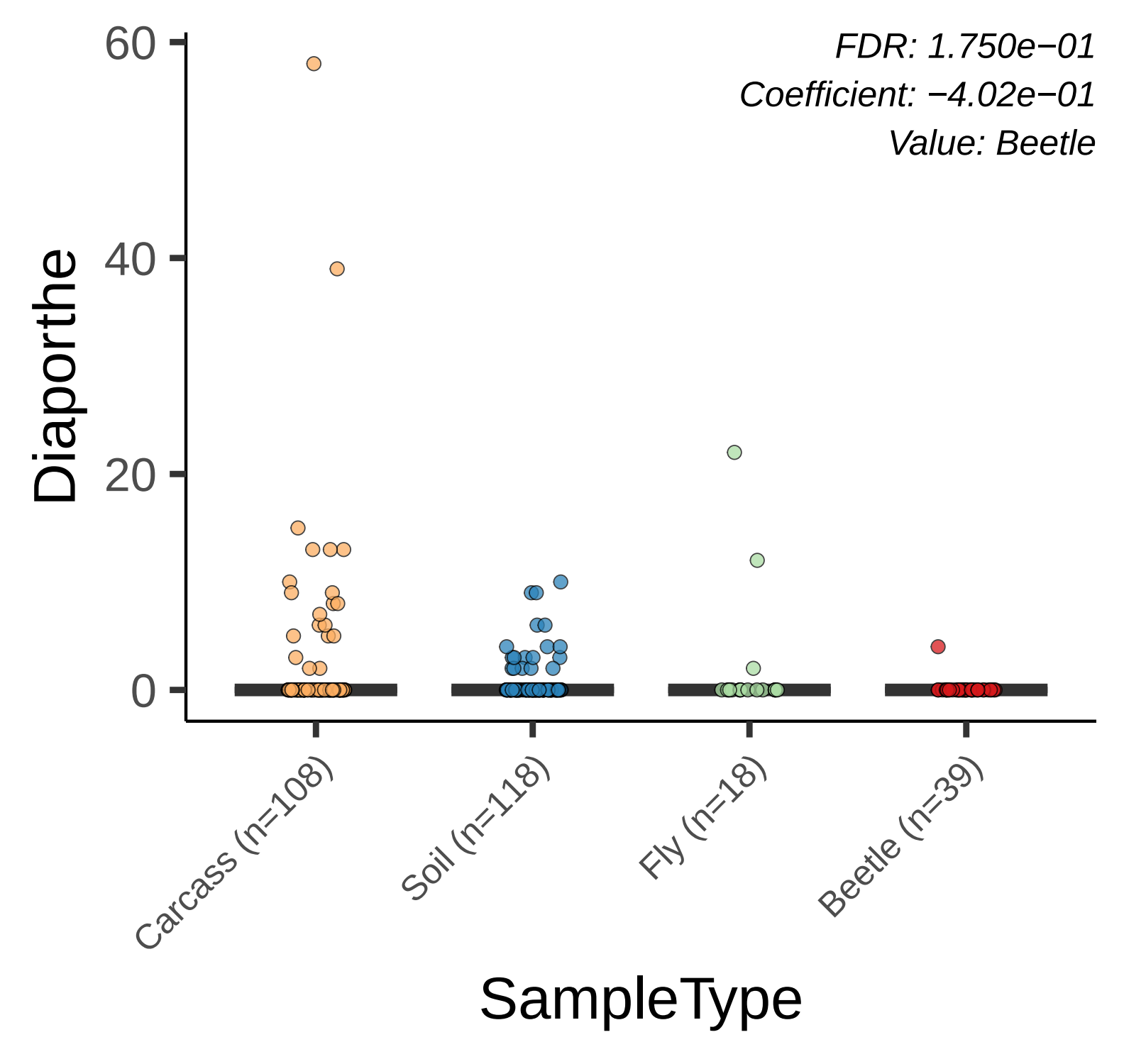

FDR: 1.719e−01
Coefficient: 4.00e−01
Value: Beetle
Striaticonidium
40
30
20
10
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

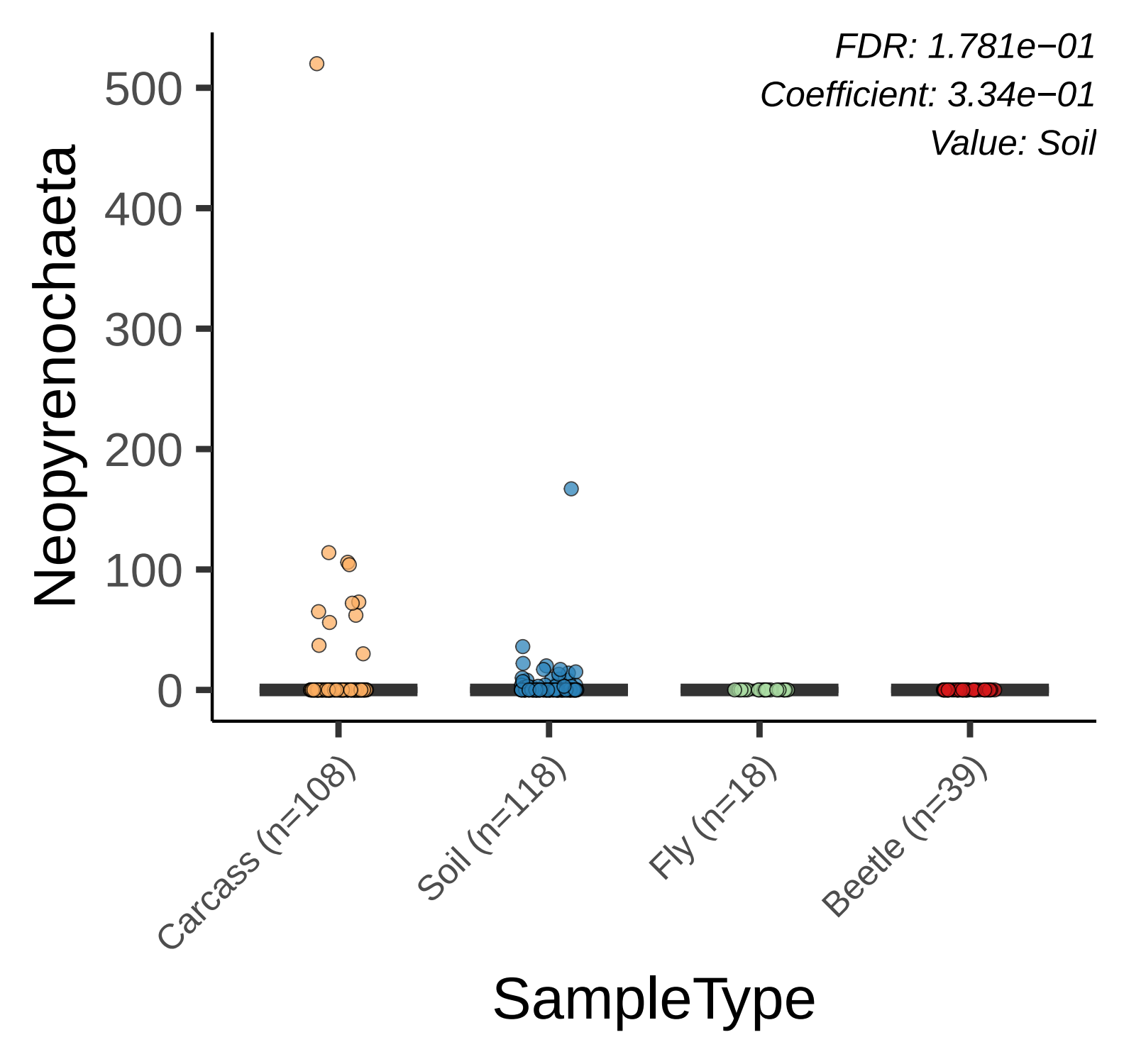

FDR: 1.747e−01
Coefficient: 1.01e+00
Value: Fly
Candida
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

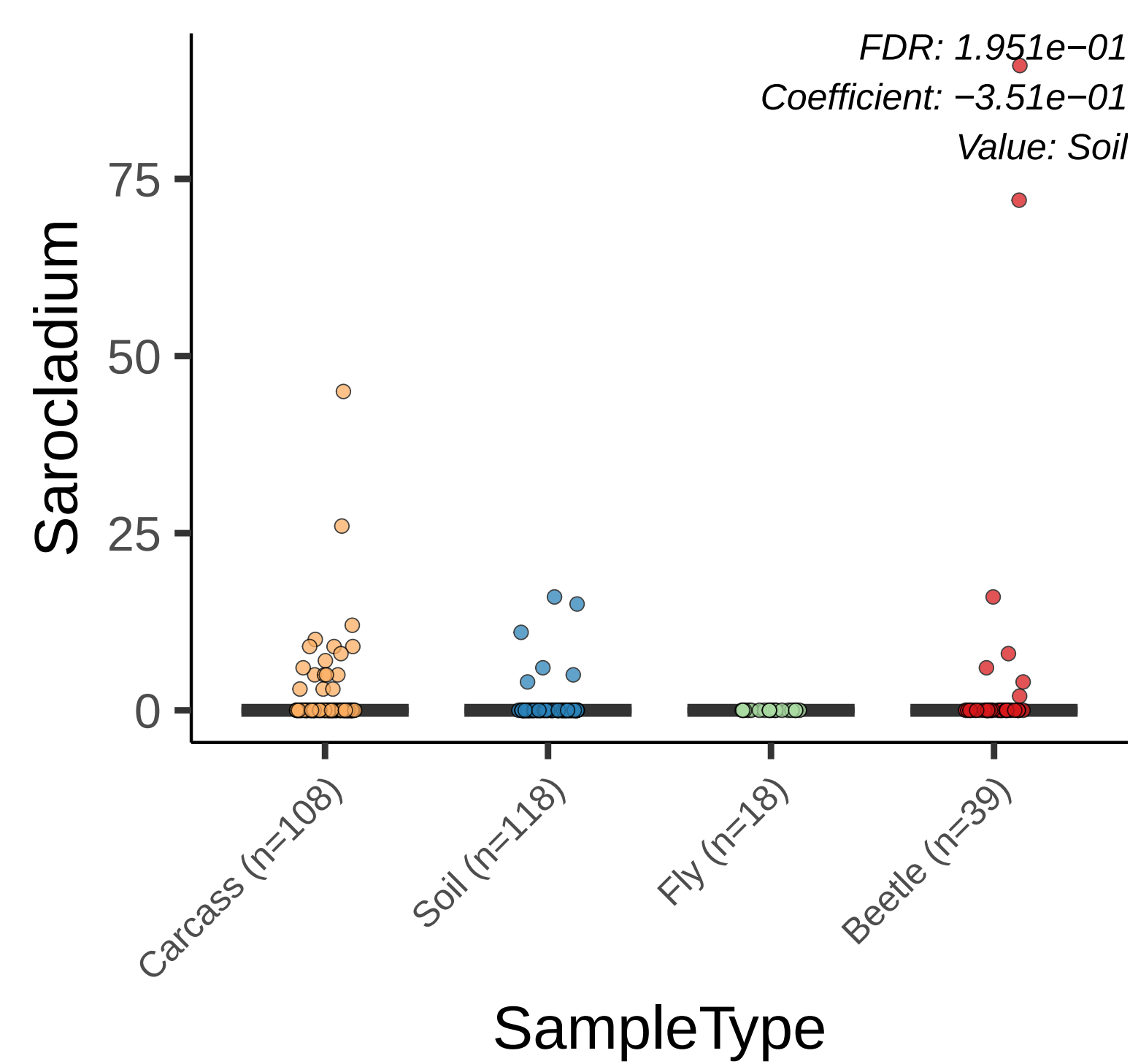

FDR: 1.750e−01
Coefficient: −1.27e+00
Value: Fly
Pyrenochaetopsis
5000
4000
3000
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

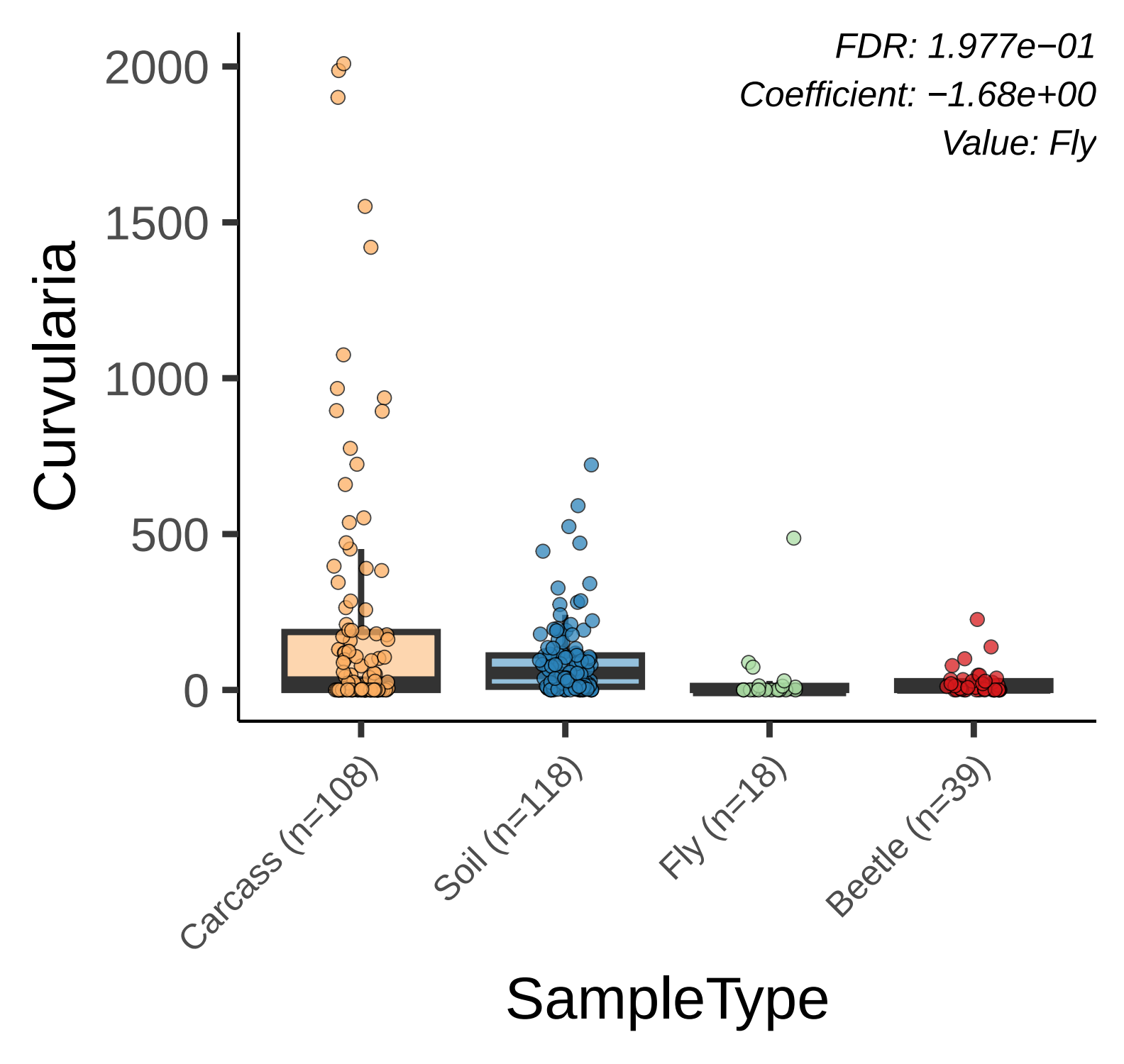

FDR: 1.750e−01
Coefficient: 1.06e+00
Value: Beetle
Periconia
8000
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

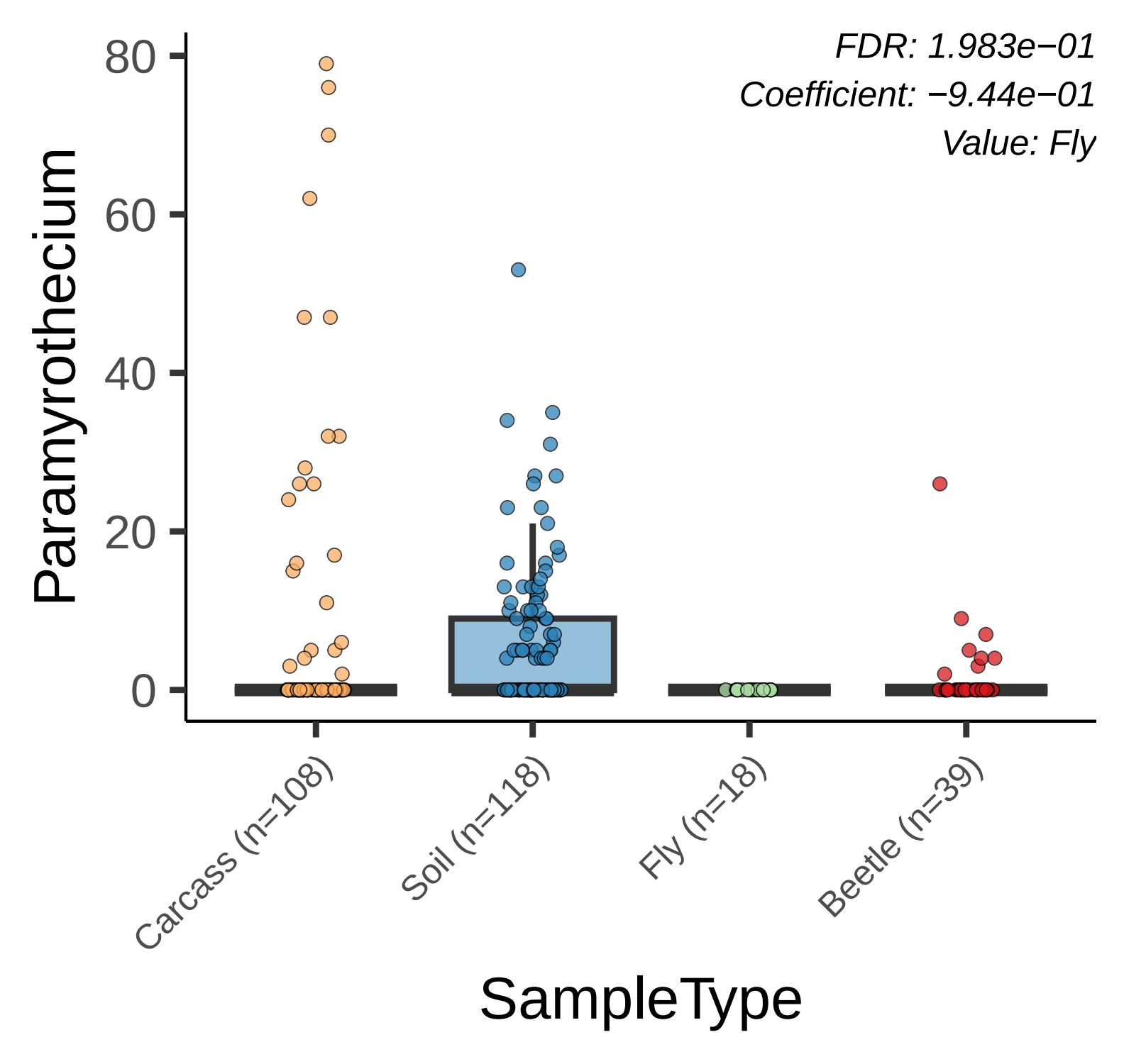

FDR: 1.750e−01
Coefficient: −1.01e+00
Value: Fly
Sphaeropsis
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

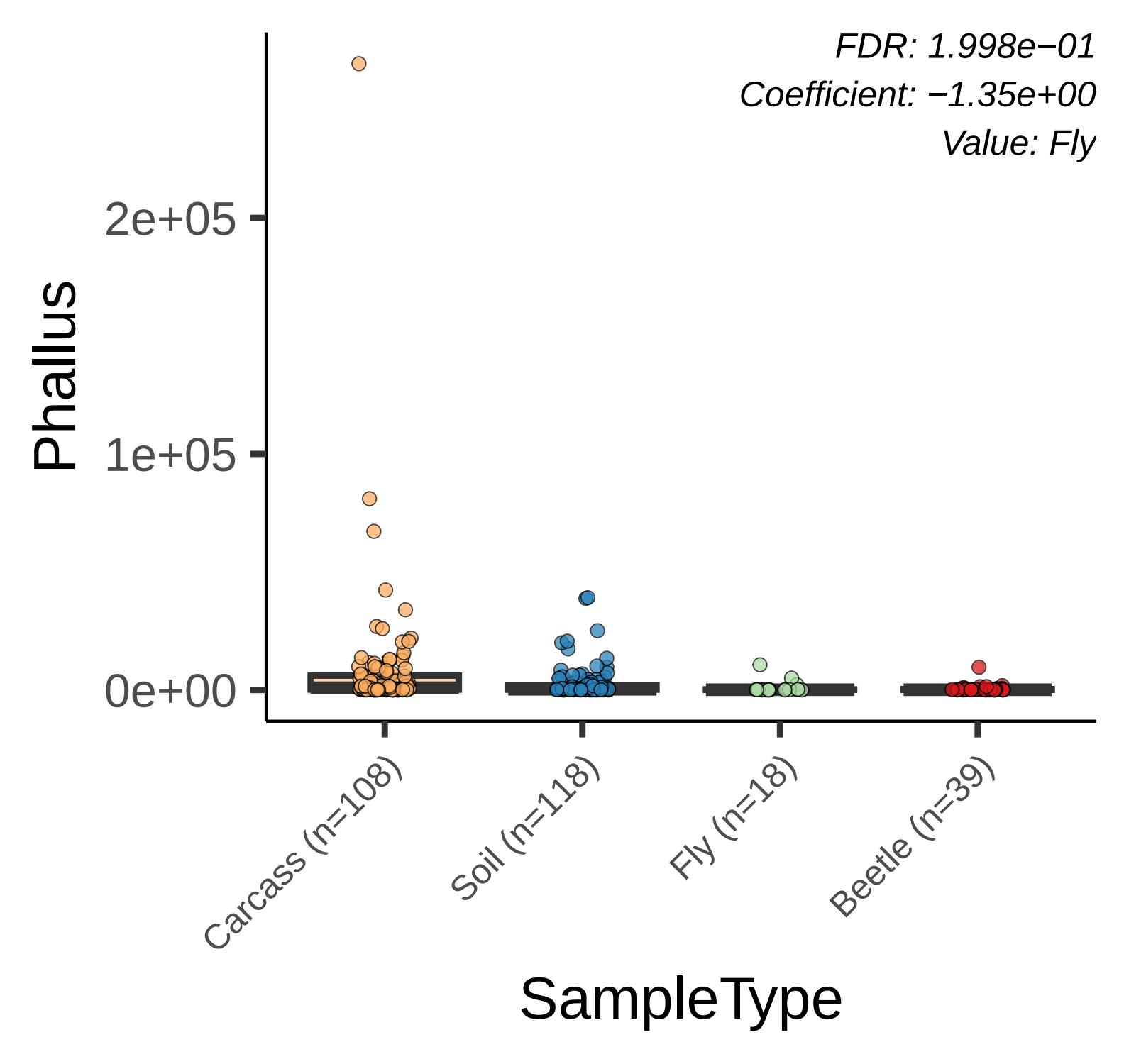

FDR: 1.750e−01
Coefficient: −4.02e−01
Value: Beetle
Diaporthe
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

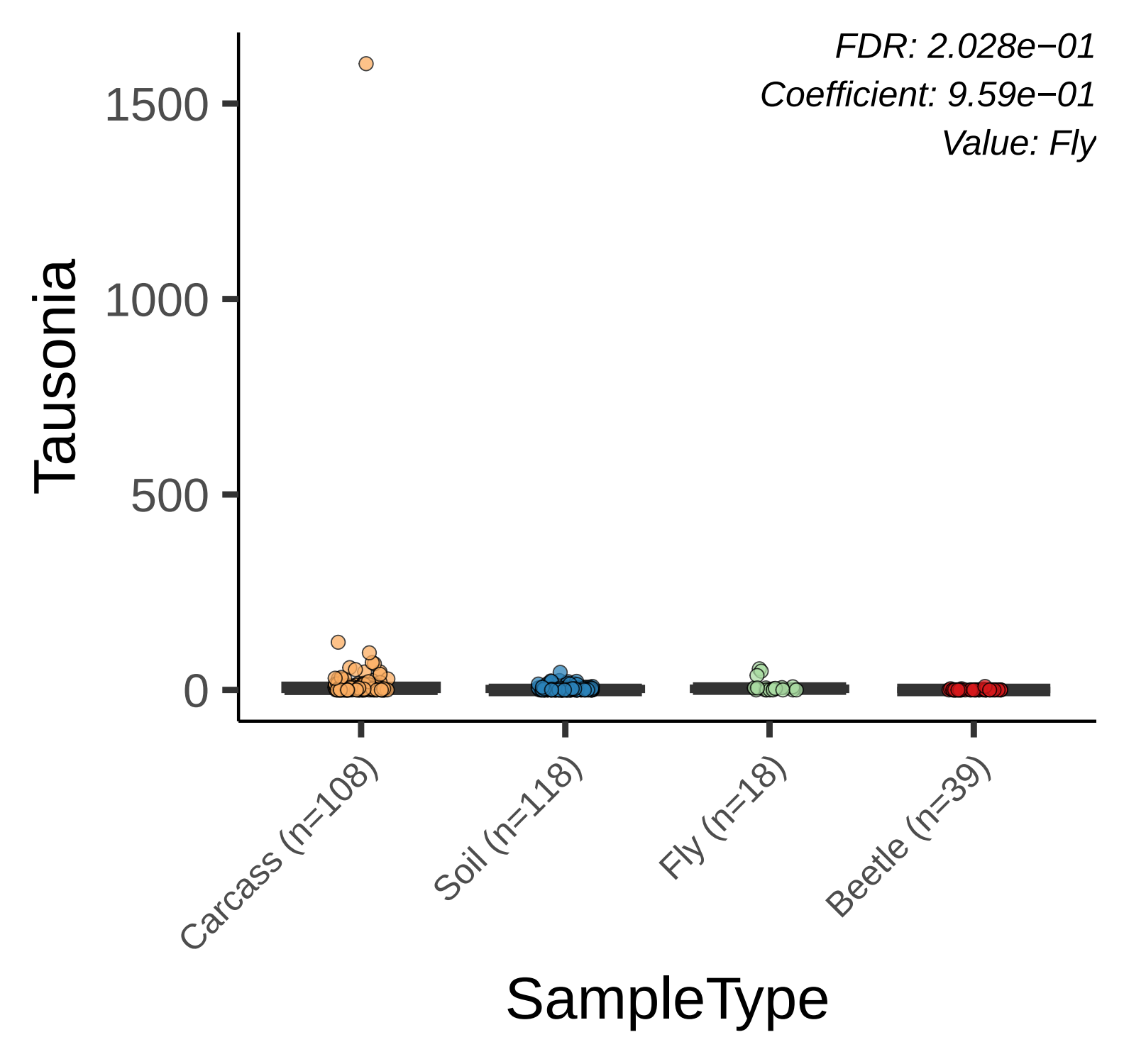

FDR: 1.781e−01
Coefficient: 3.34e−01
Value: Soil
Neopyrenochaeta
500
400
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

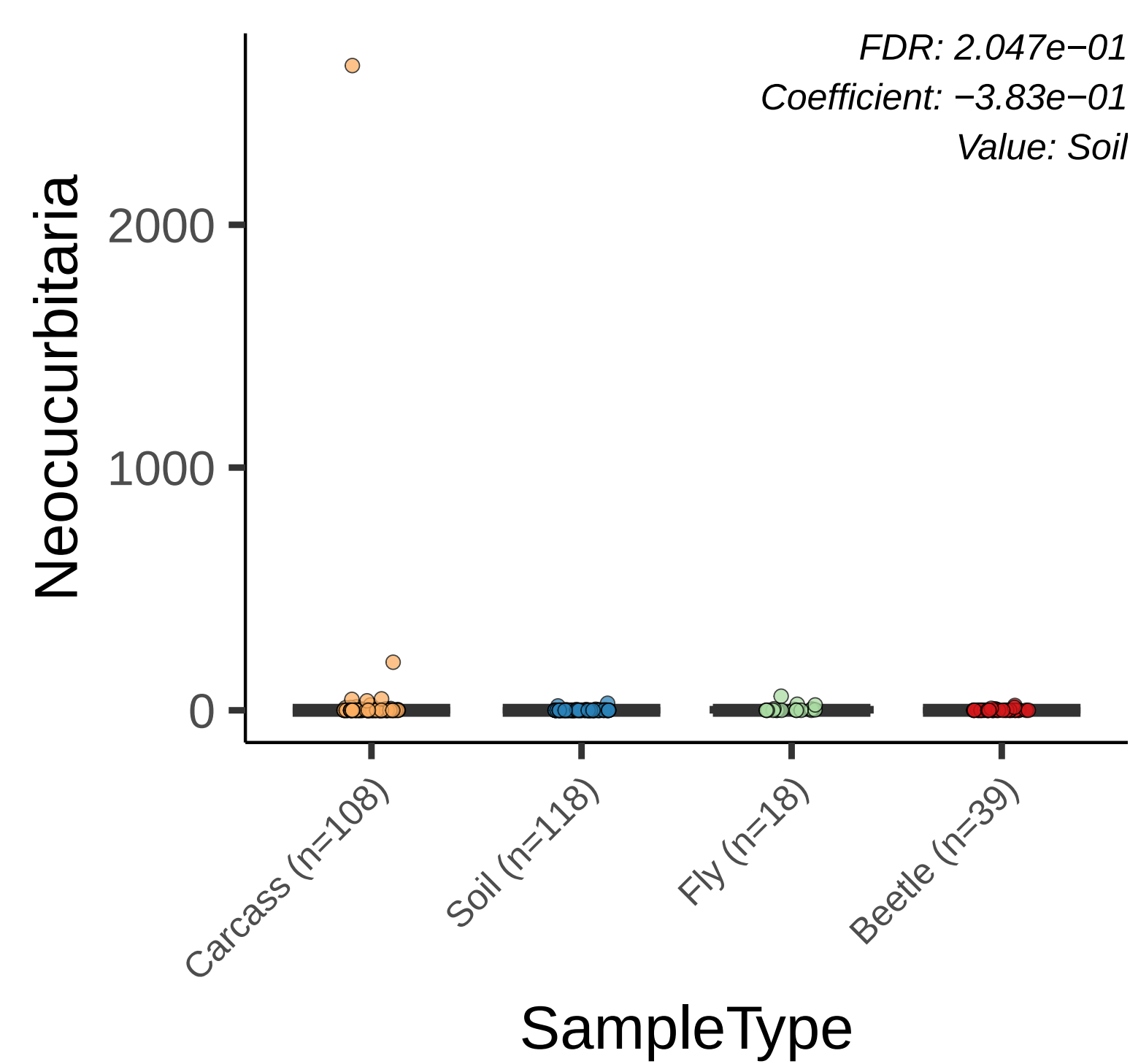

FDR: 1.951e−01
Coefficient: −3.51e−01
Value: Soil
Saprocladium
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

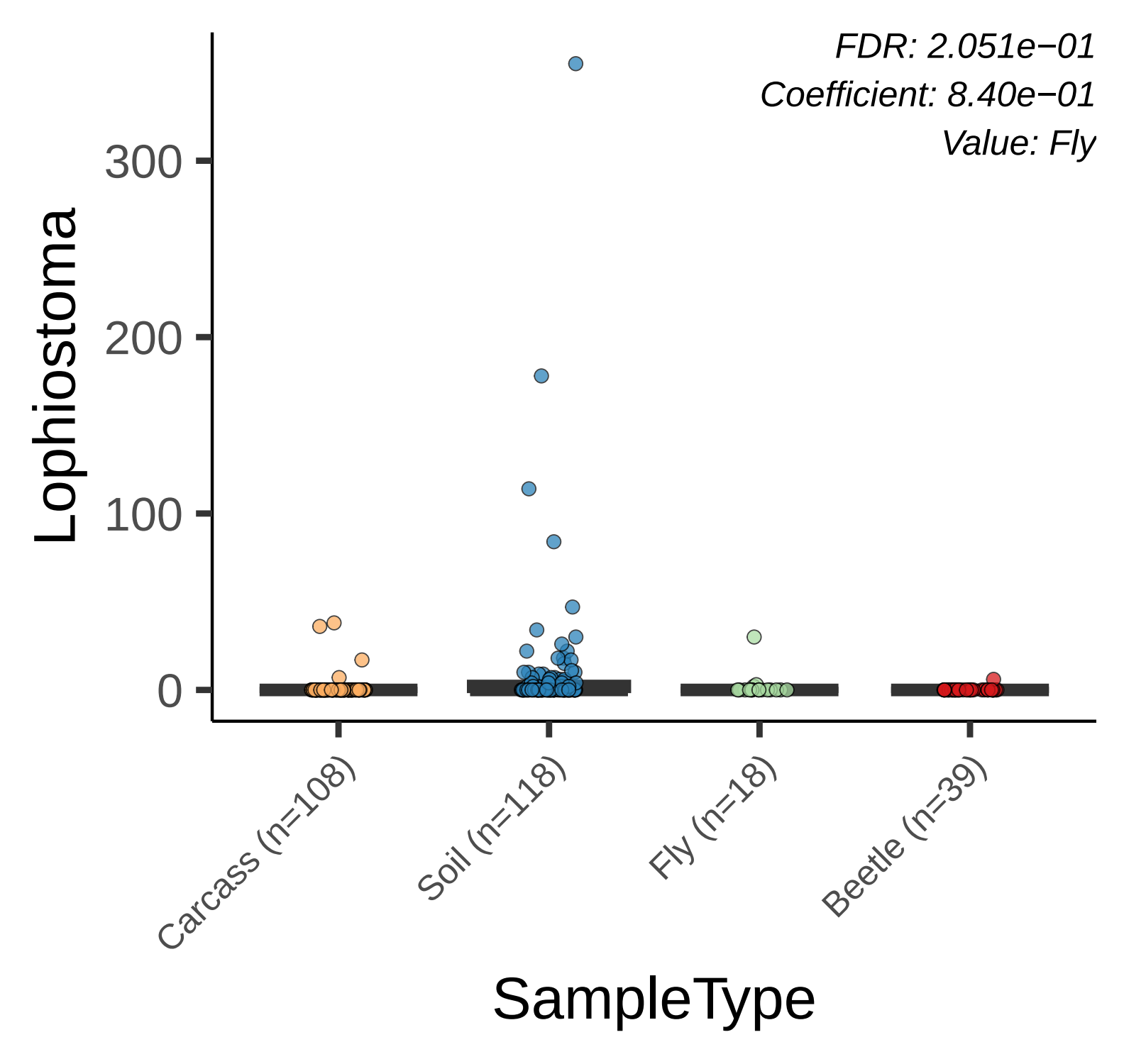

FDR: 1.977e−01
Coefficient: −1.68e+00
Value: Fly
Curvularia
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

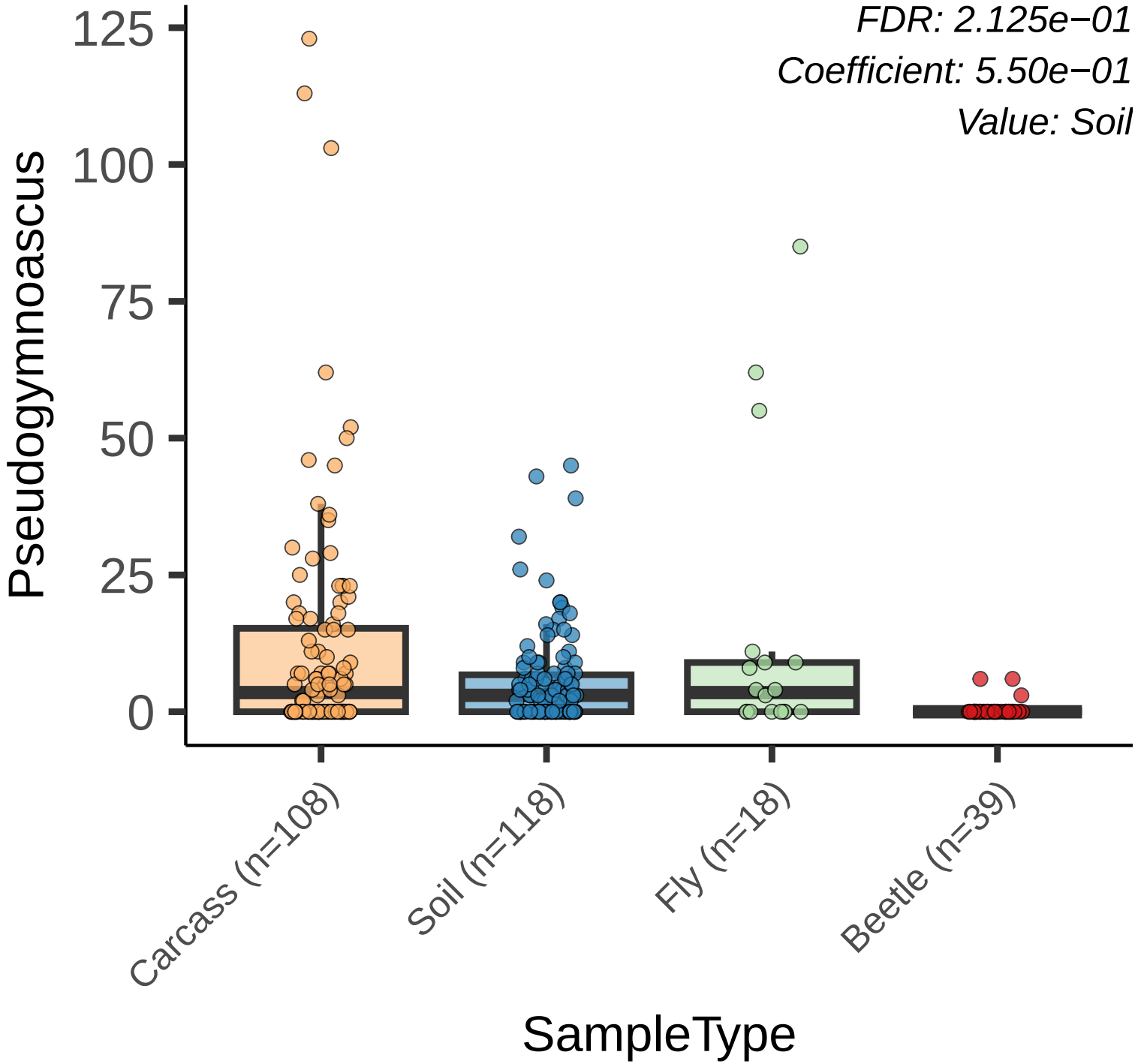

FDR: 1.983e−01
Coefficient: −9.44e−01
Value: Fly
Paramyrothecium
80
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

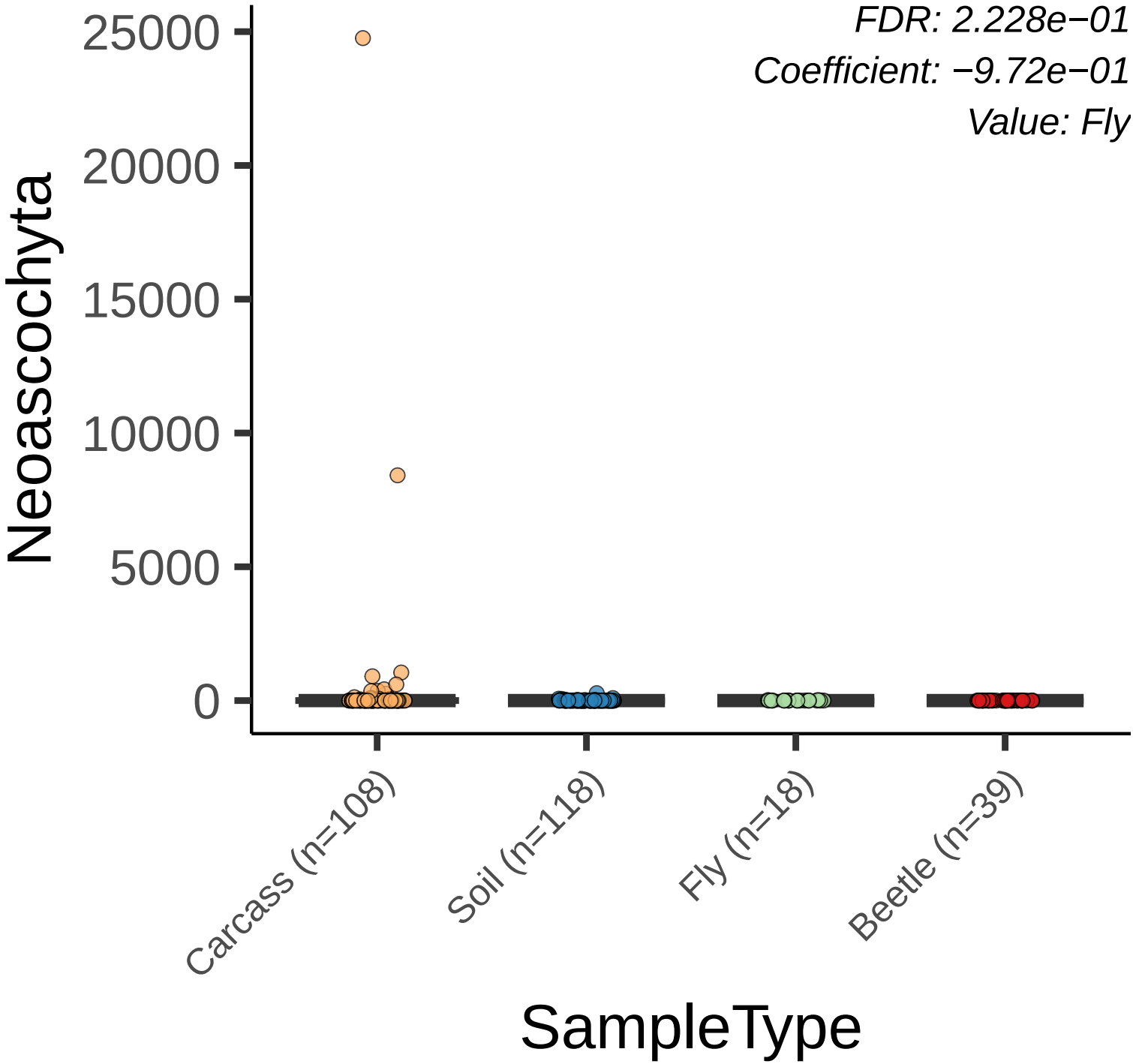

FDR: 1.998e−01
Coefficient: −1.35e+00
Value: Fly
Phallus
2e+05
1e+05
0e+00
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

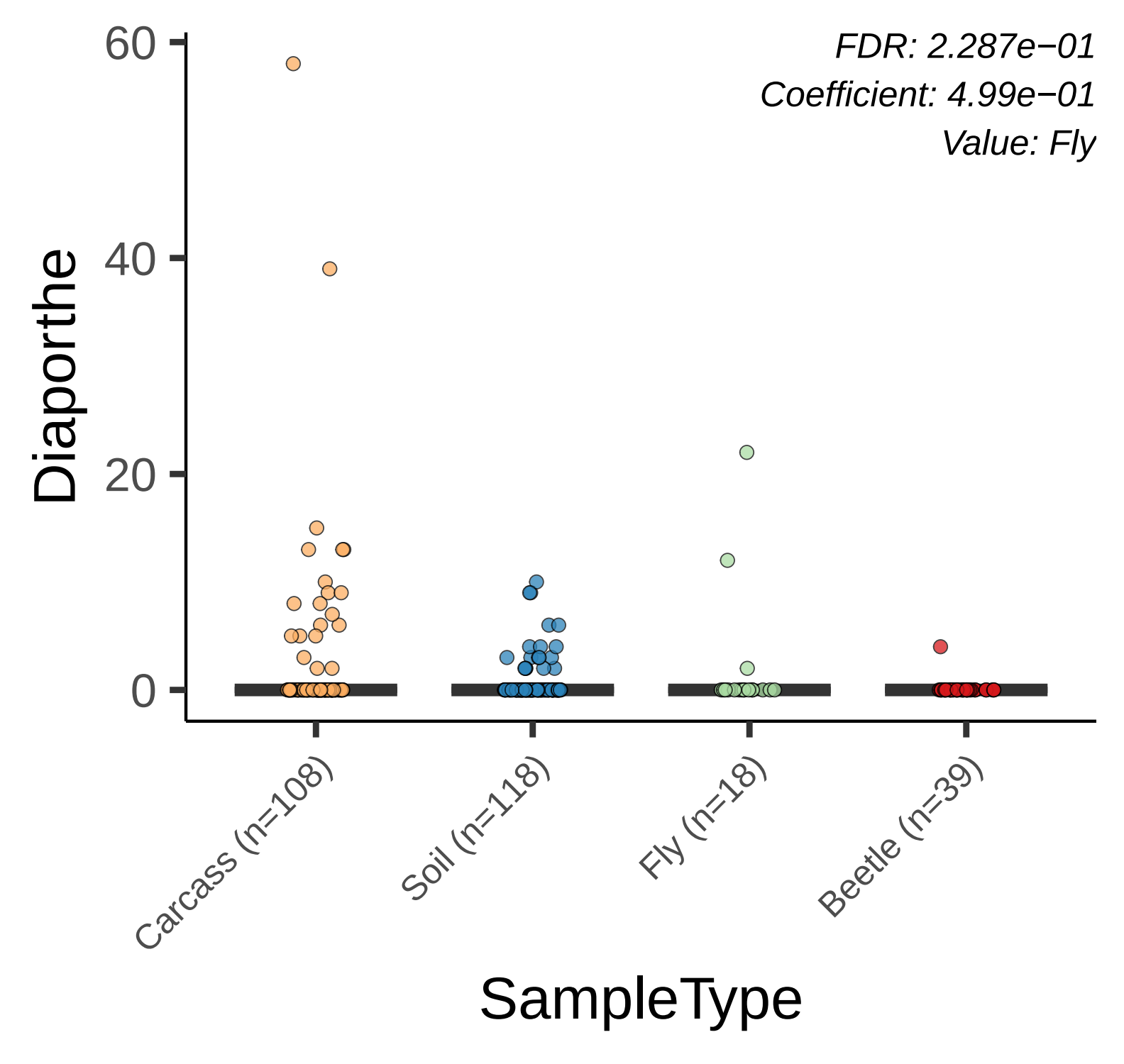

FDR: 2.028e−01
Coefficient: 9.59e−01
Value: Fly
Tausonia
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

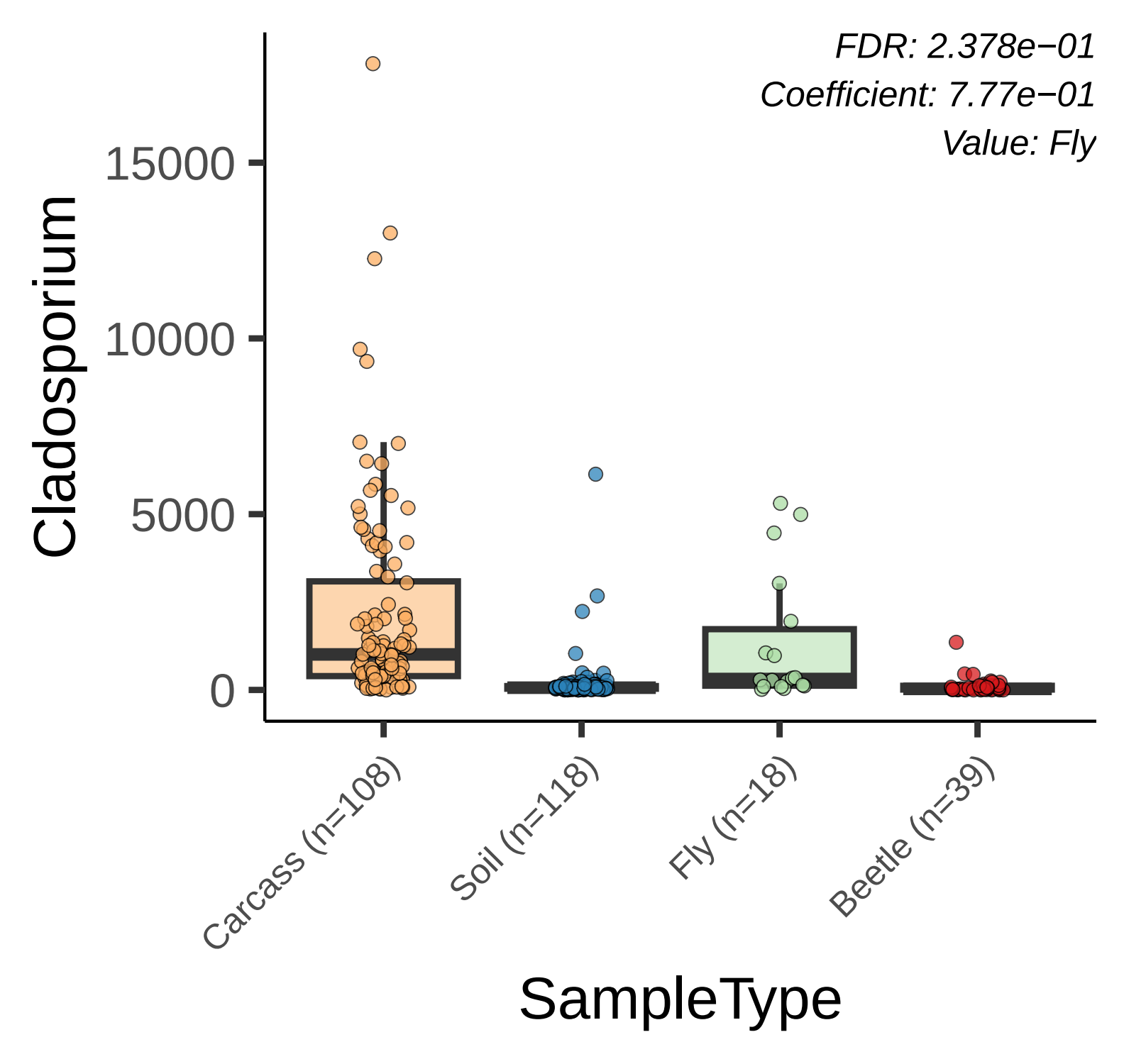

FDR: 2.047e−01
Coefficient: −3.83e−01
Value: Soil
Neocucurbitaria
2000
1000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

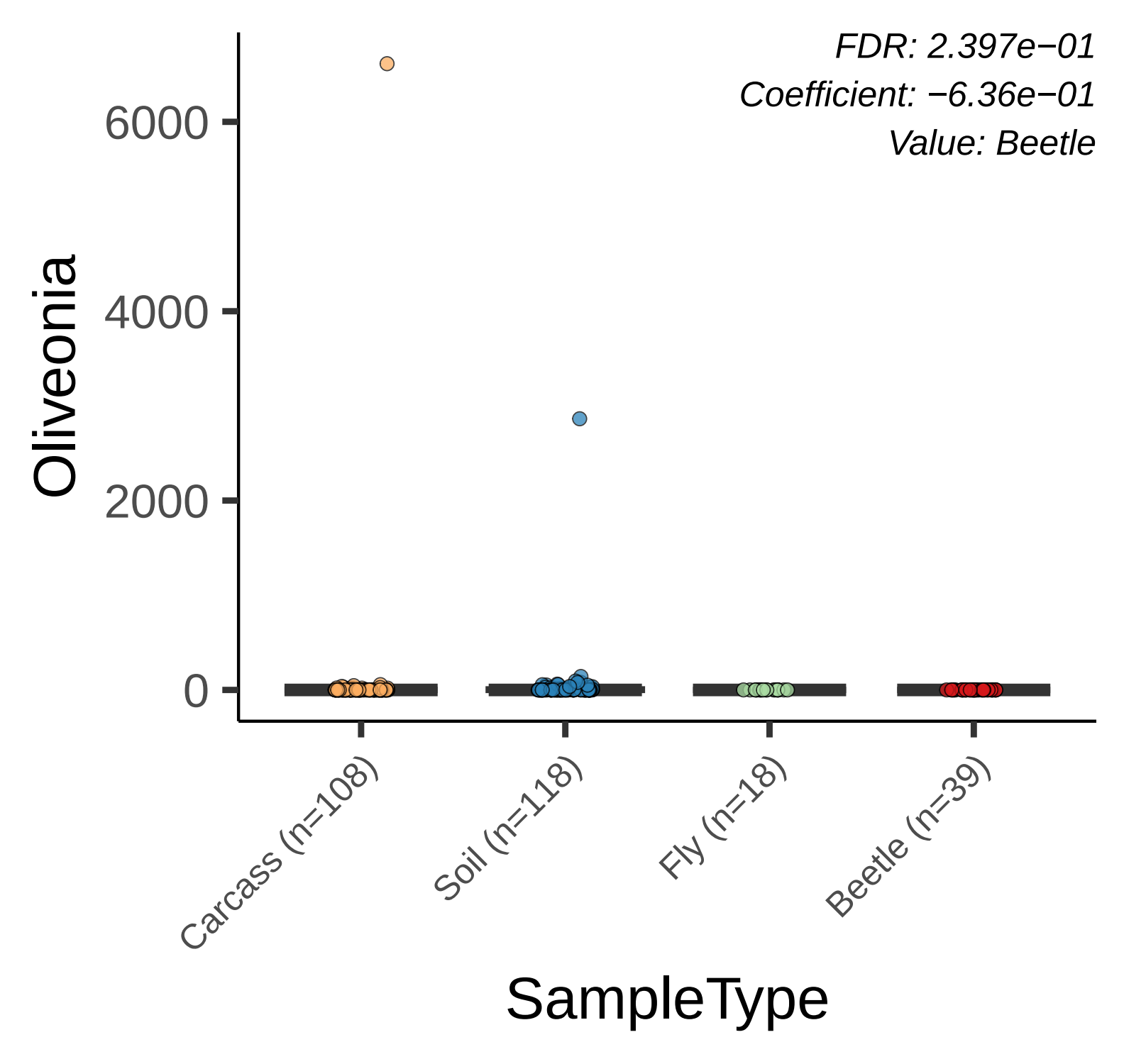

FDR: 2.051e−01
Coefficient: 8.40e−01
Value: Fly
Lophiostoma
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

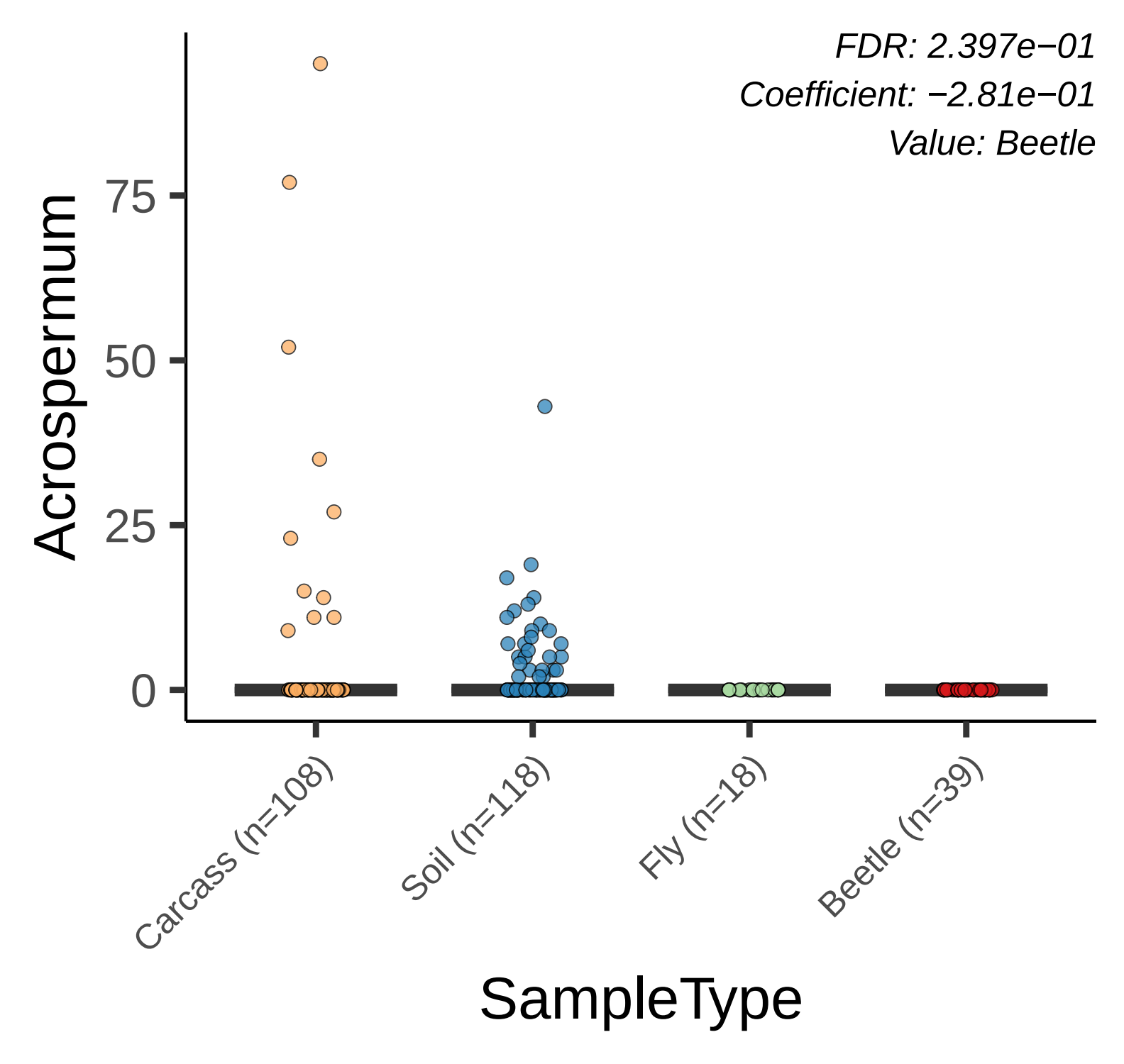

FDR: 2.125e−01
Coefficient: 5.50e−01
Value: Soil
Pseudogymnoascus
125
100
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

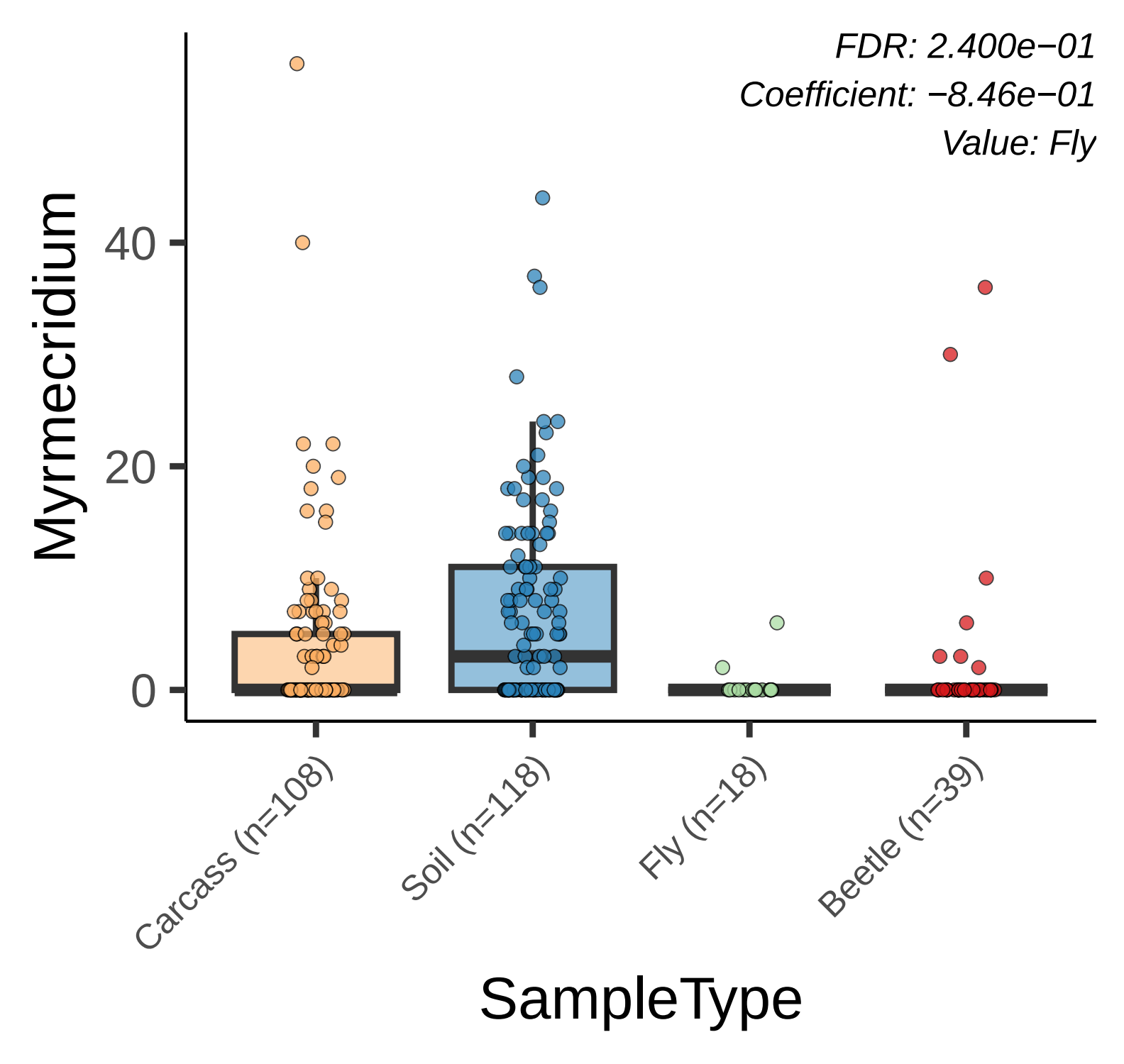

FDR: 2.228e−01
Coefficient: −9.72e−01
Value: Fly
Neoascochyta
25000
20000
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

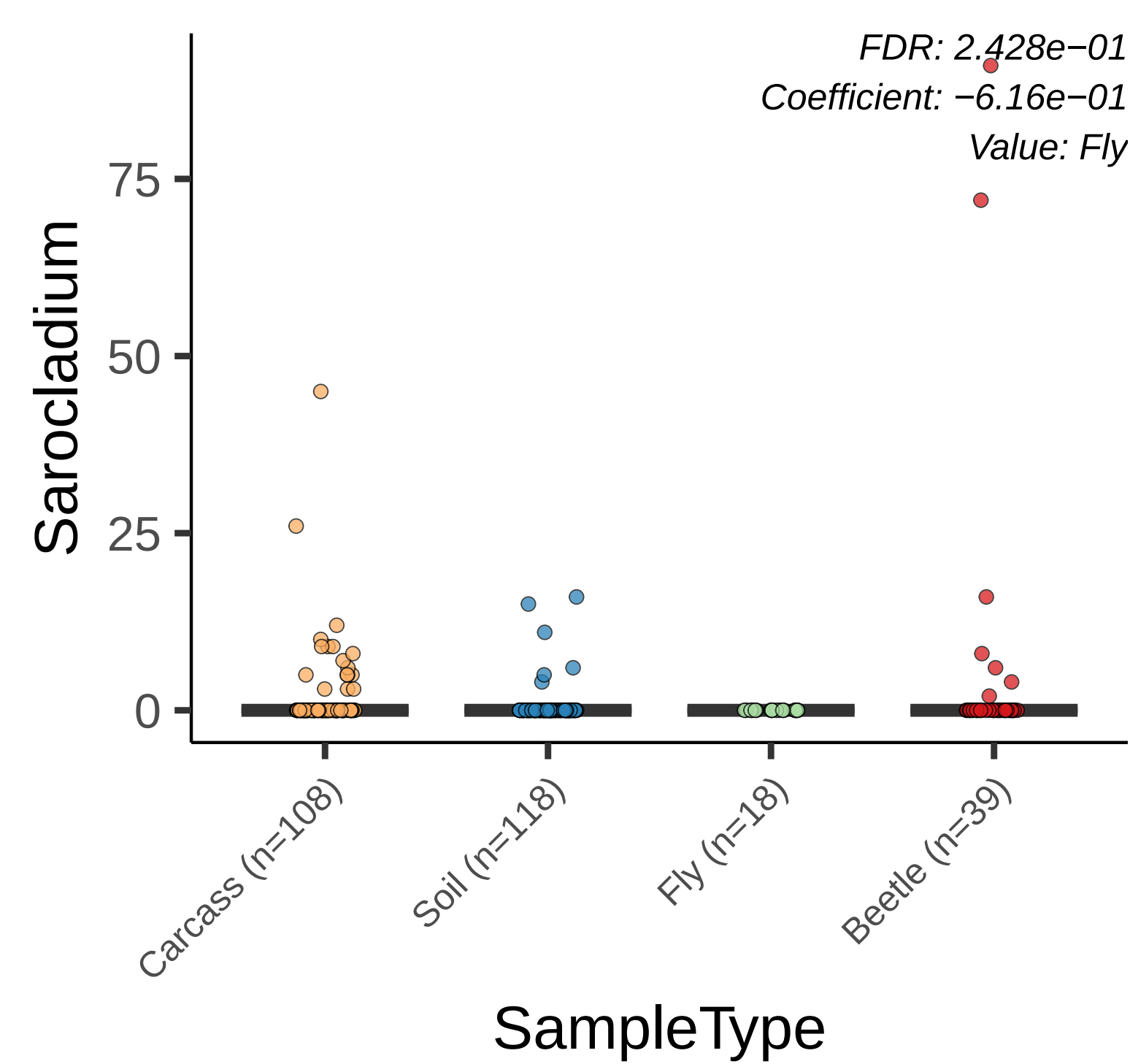

FDR: 2.287e−01
Coefficient: 4.99e−01
Value: Fly
Diaporthe
60
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

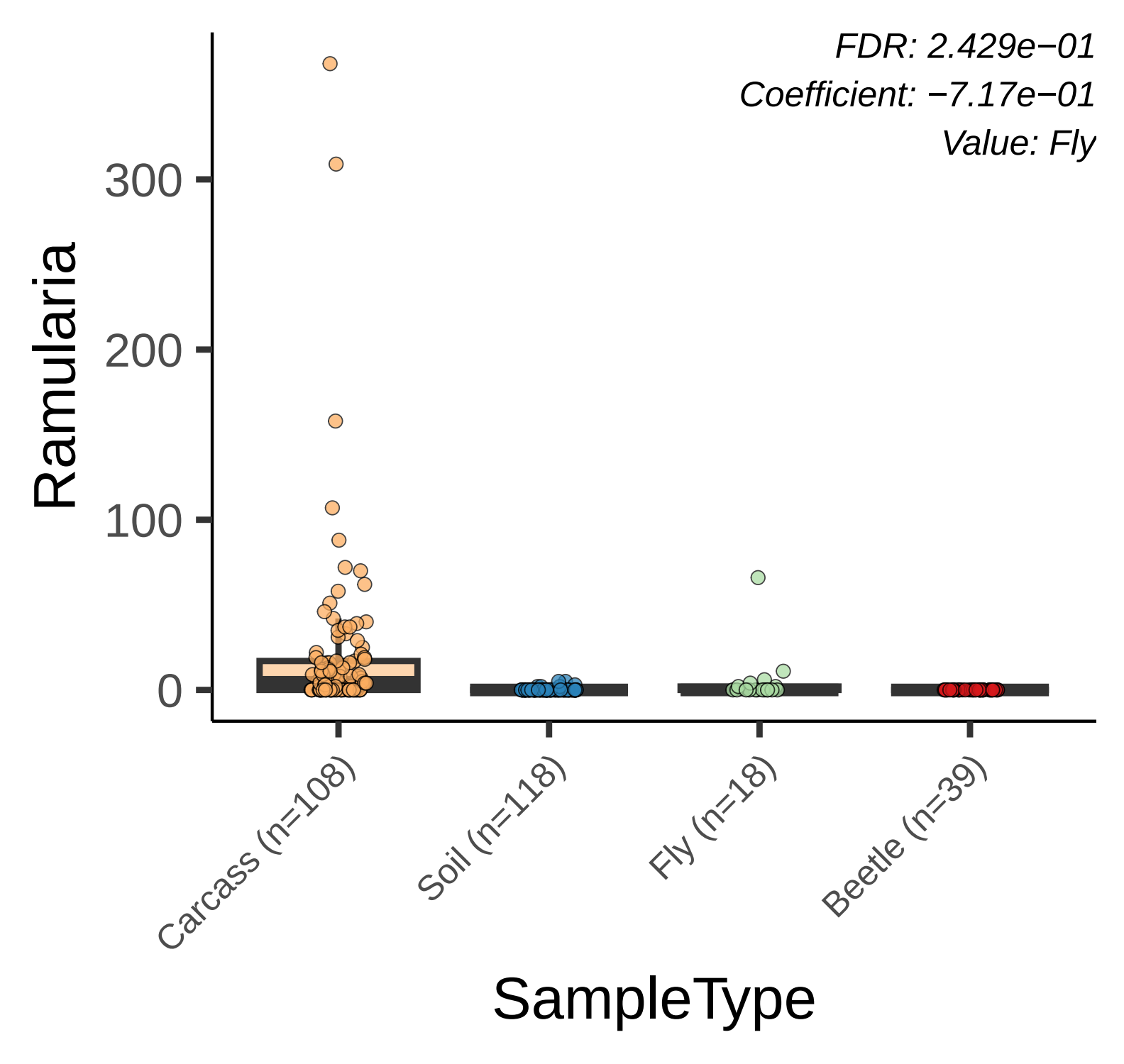

FDR: 2.378e−01
Coefficient: 7.77e−01
Value: Fly
Cladosporium
15000
10000
5000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType

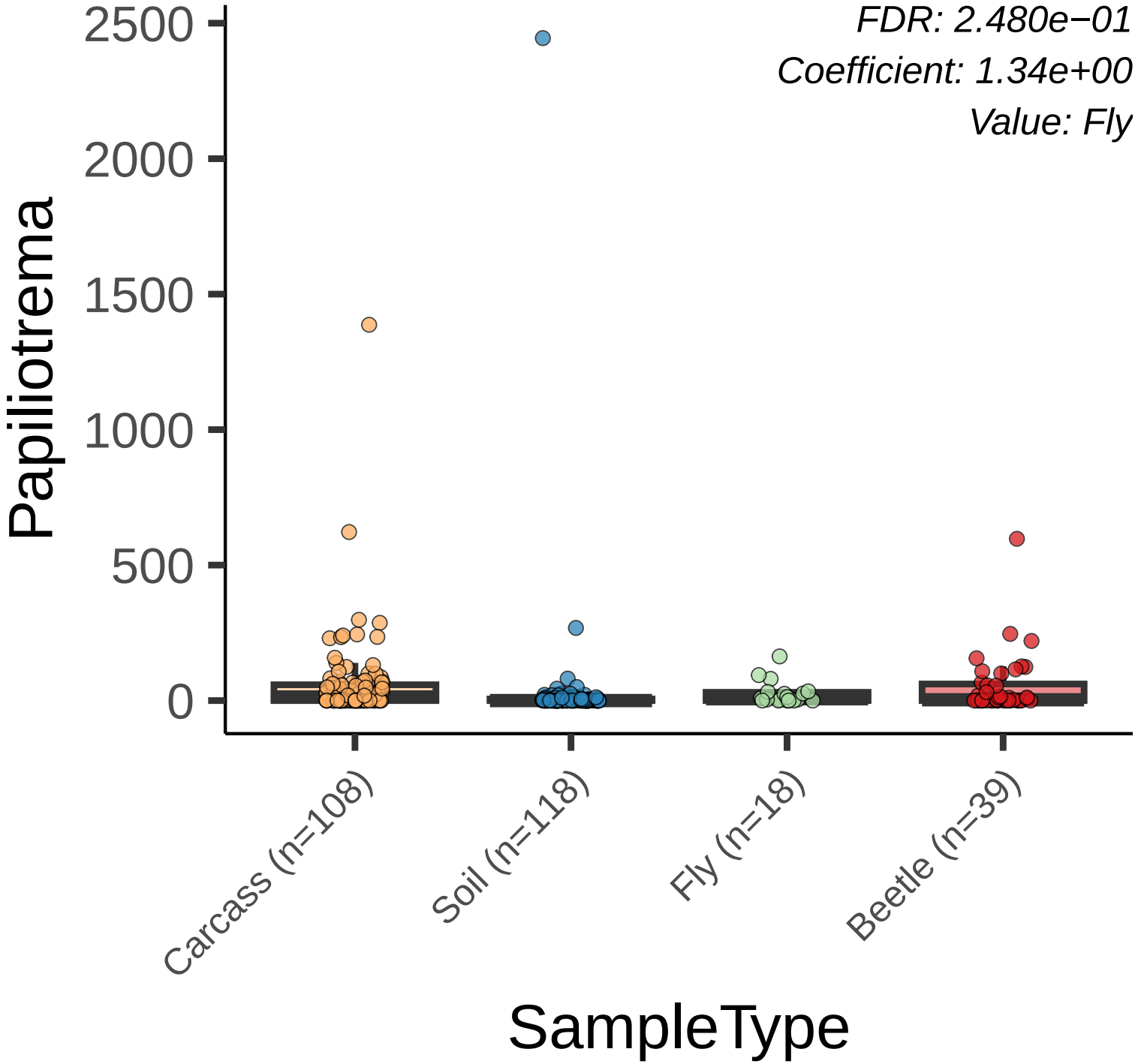

FDR: 2.397e−01
Coefficient: −6.36e−01
Value: Beetle
Oliveonia
6000
4000
2000
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType


FDR: 2.397e−01
Coefficient: −2.81e−01
Value: Beetle
Acrospermum
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType


FDR: 2.400e−01
Coefficient: −8.46e−01
Value: Fly
Myrmecridium
40
20
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType


FDR: 2.428e−01
Coefficient: −6.16e−01
Value: Fly
Saroclad
75
50
25
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType


FDR: 2.429e−01
Coefficient: −7.17e−01
Value: Fly
Ramularia
300
200
100
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType


FDR: 2.480e−01
Coefficient: 1.34e+00
Value: Fly
Papiliotrema
2500
2000
1500
1000
500
0
Carcass (n=108)
Soil (n=118)
Fly (n=18)
Beetle (n=39)
SampleType