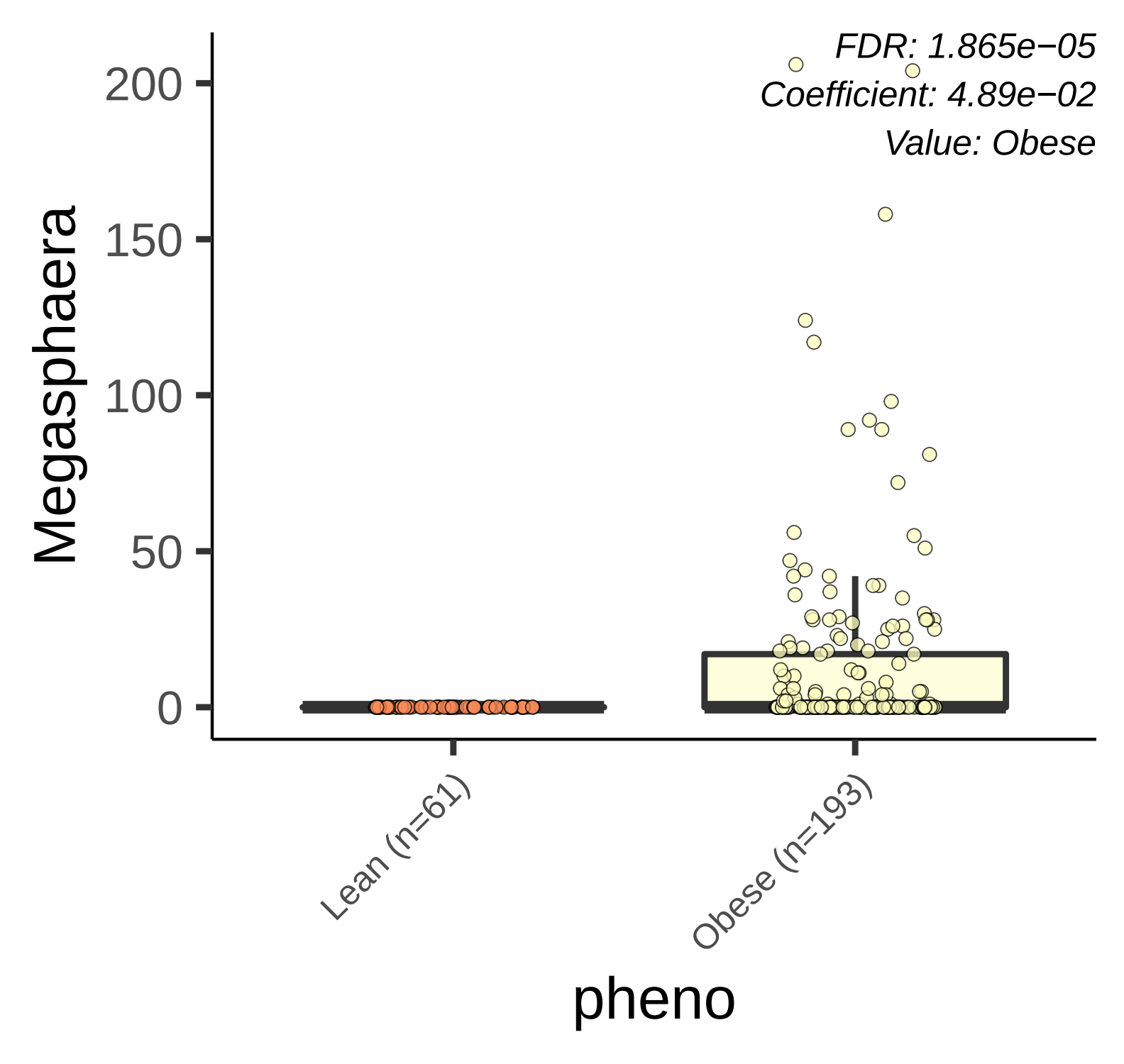
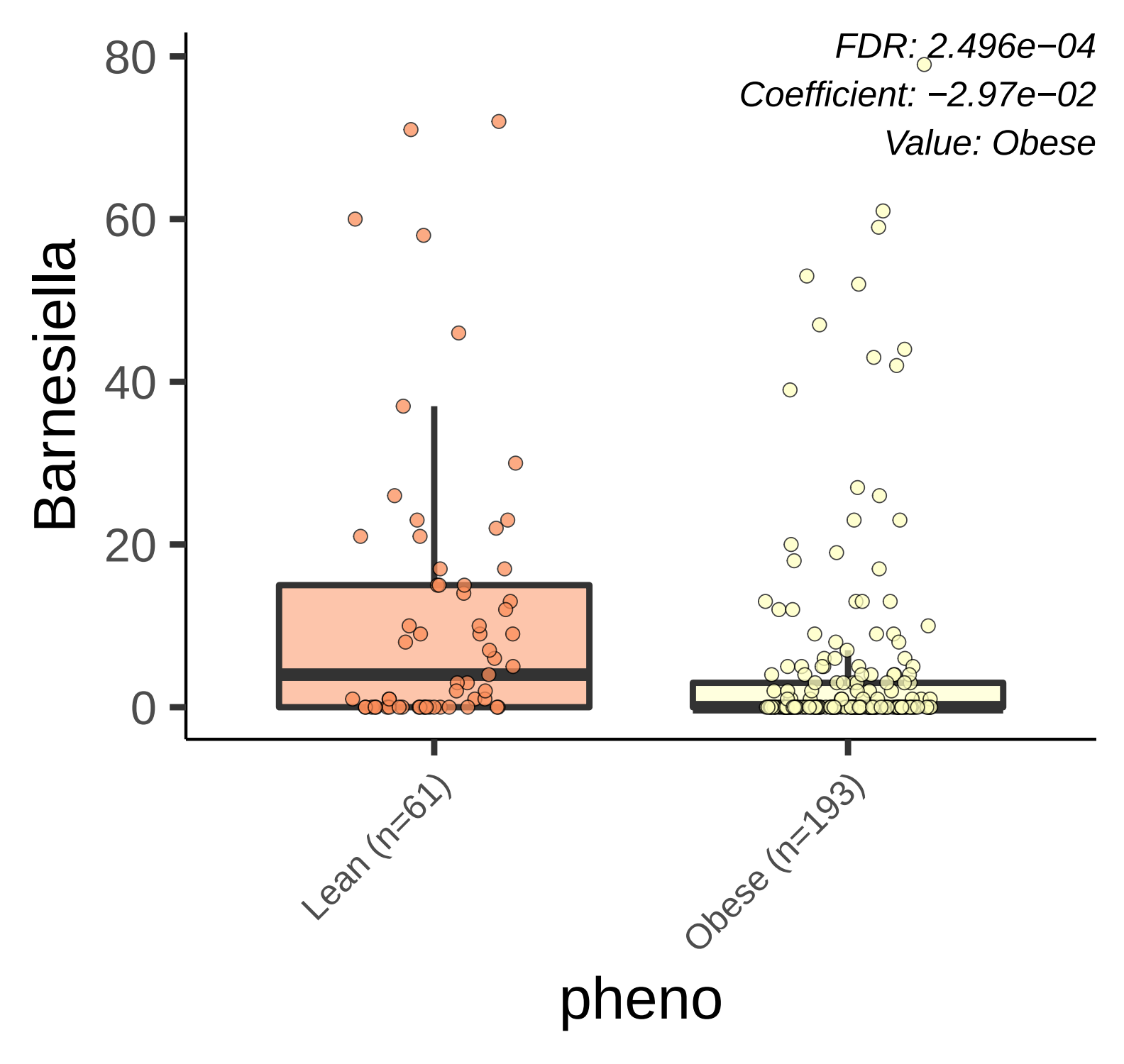
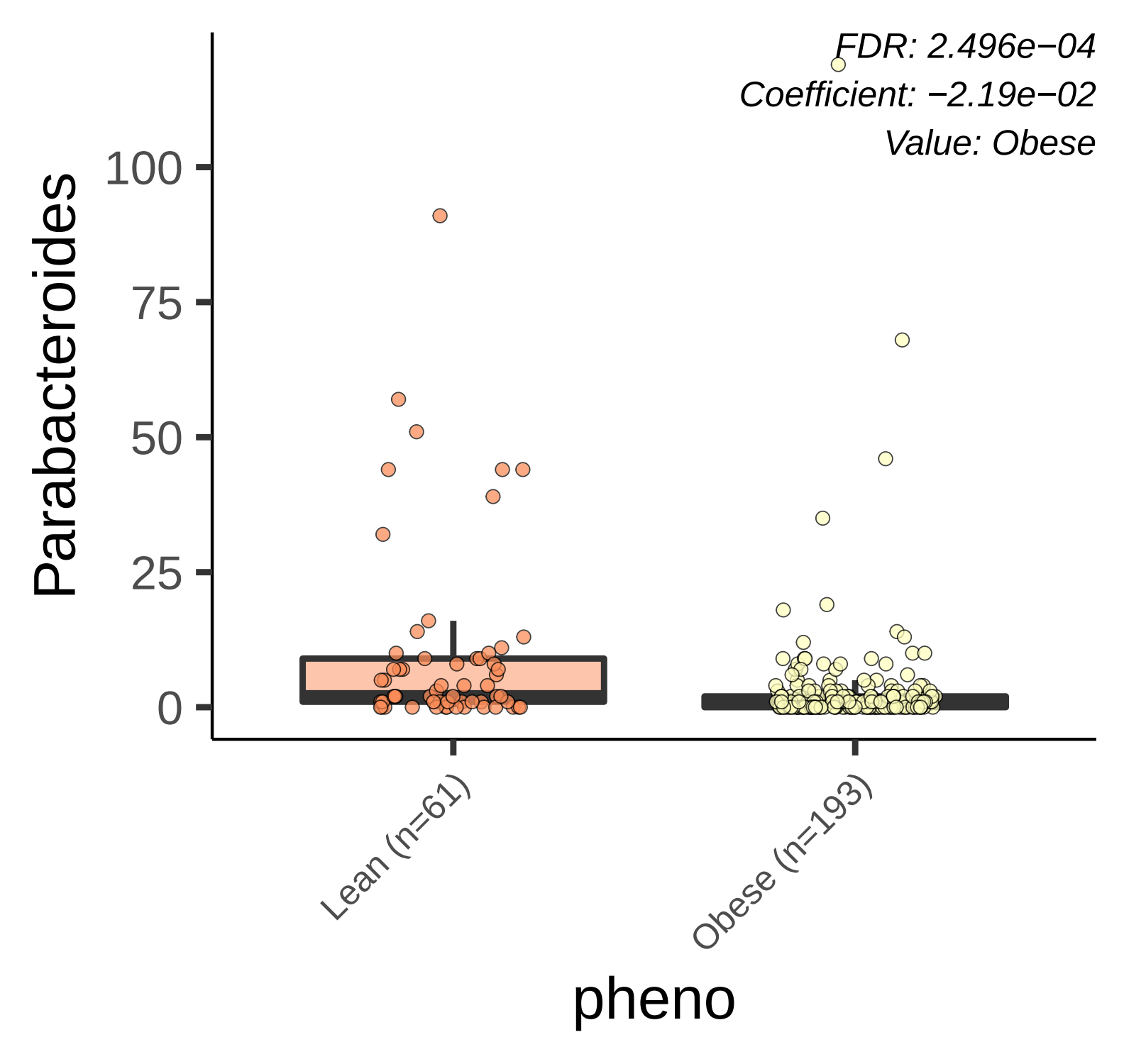
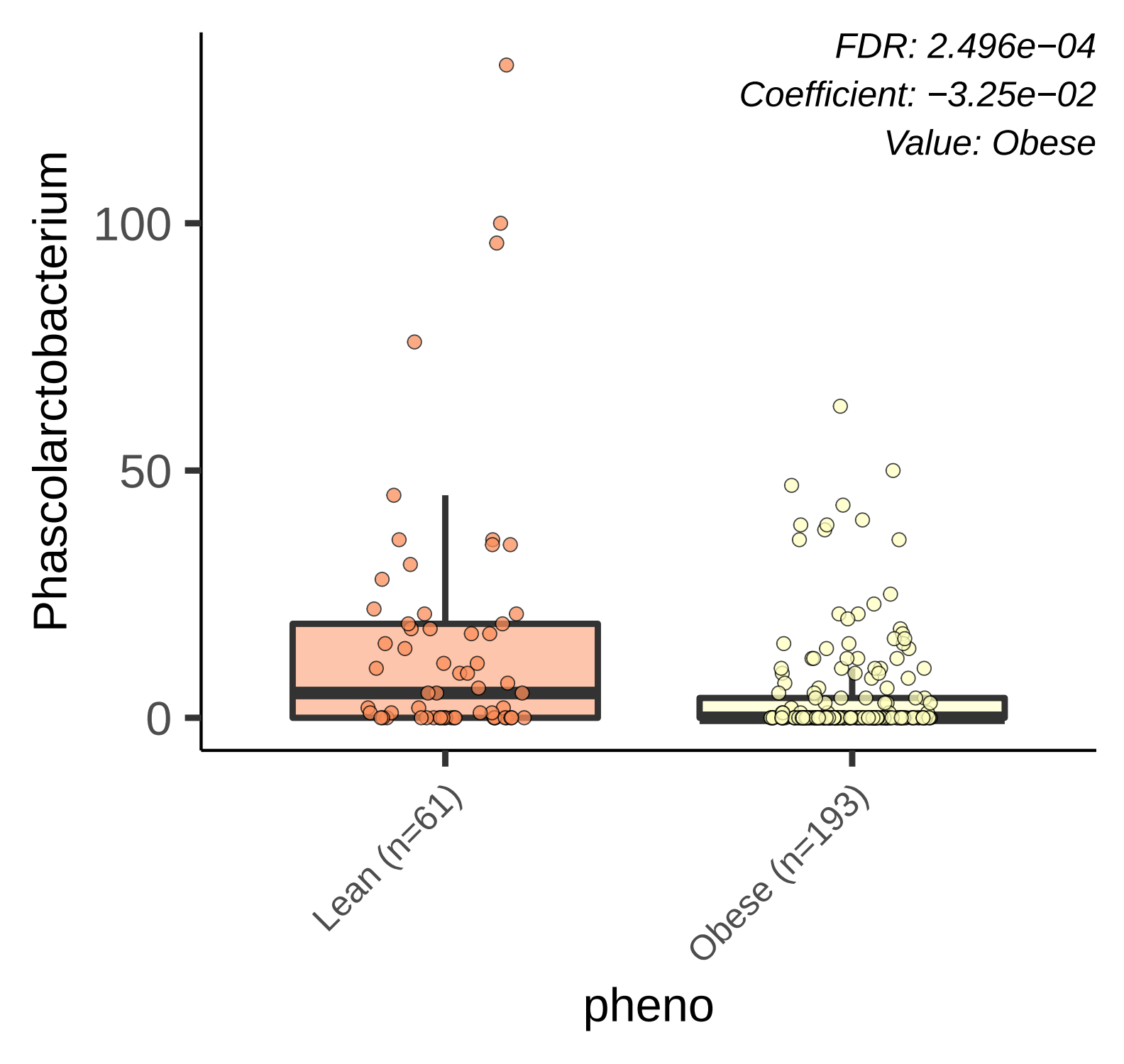
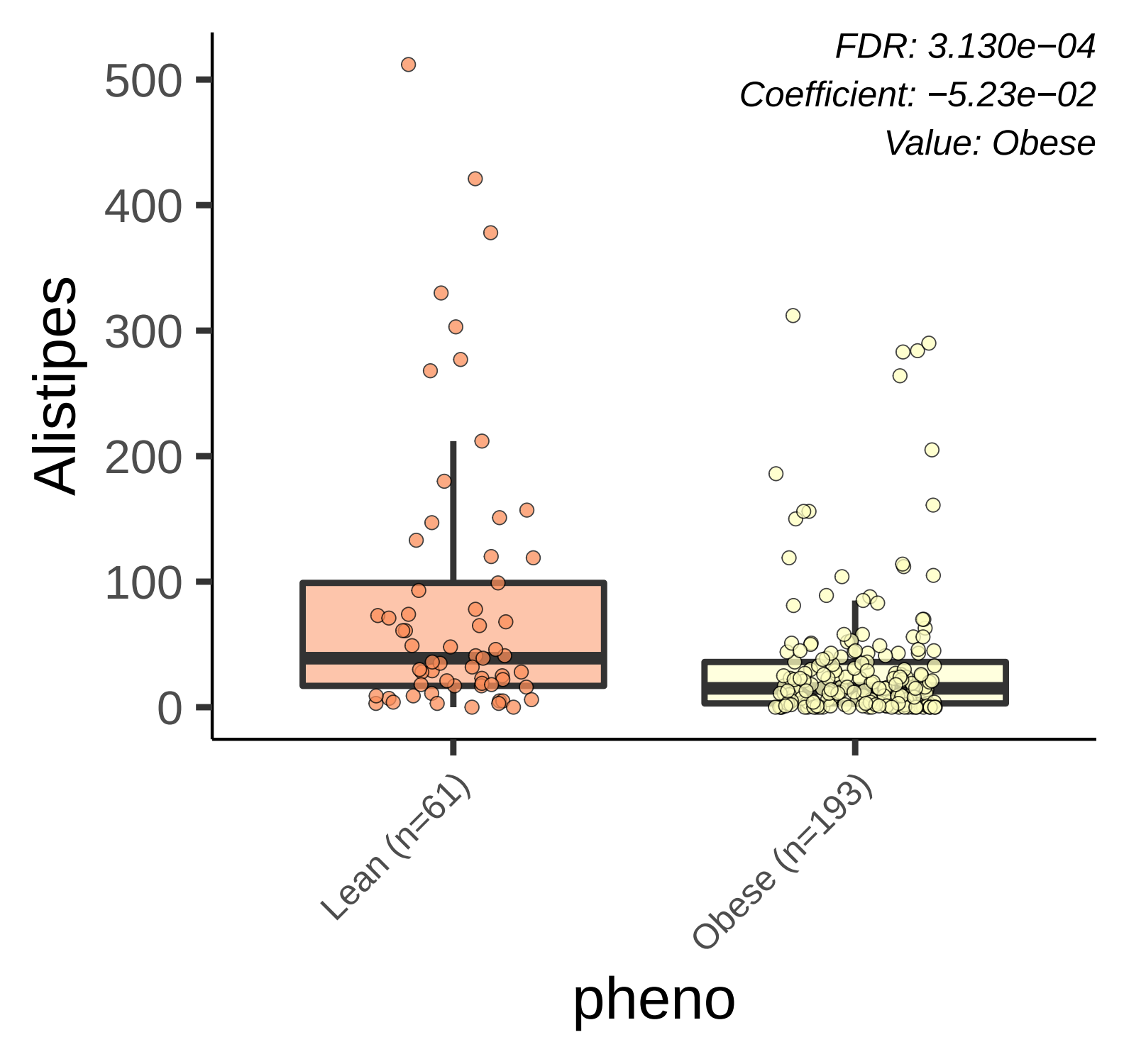
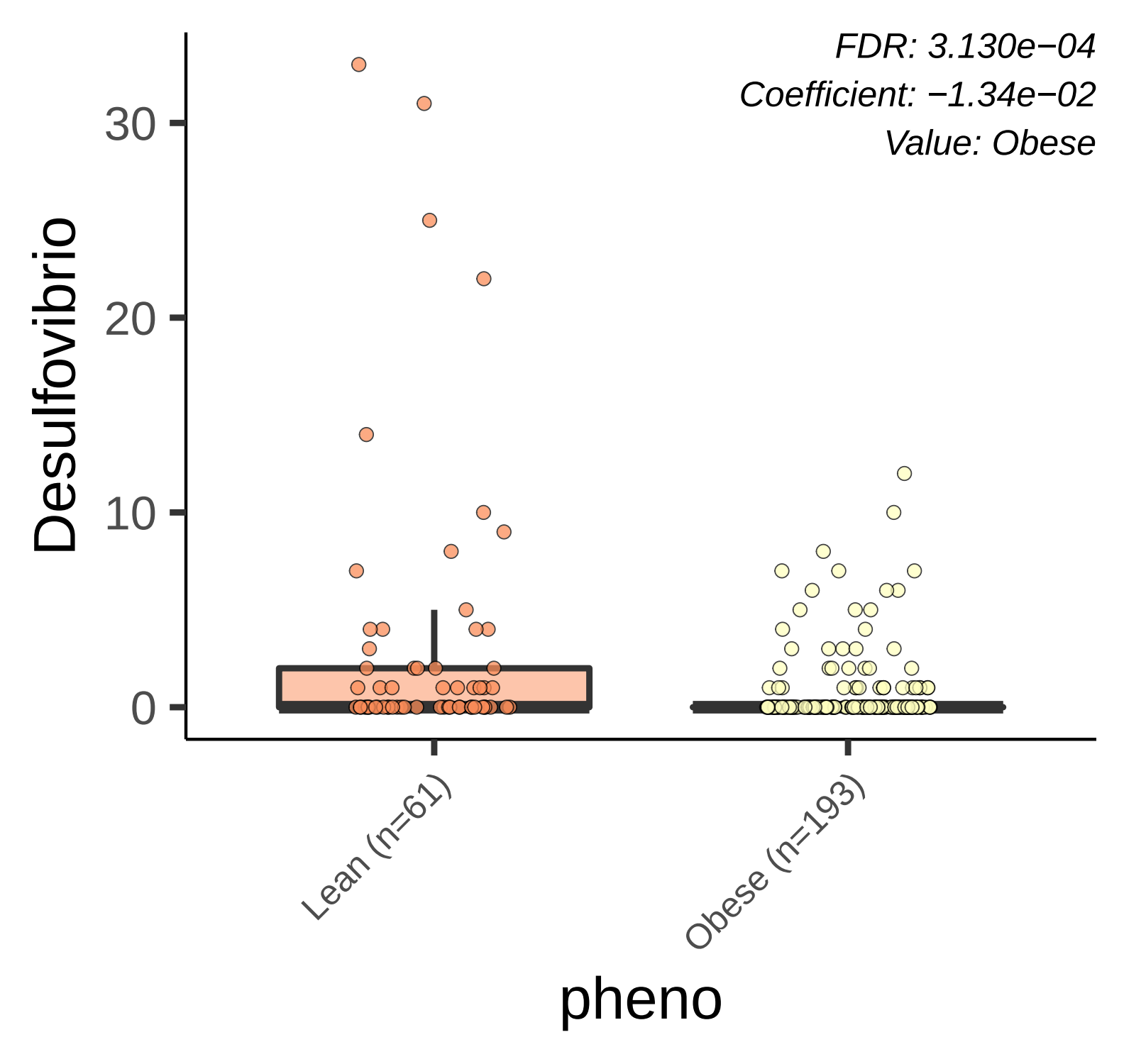

FDR: 1.865e−05
Coefficient: 4.89e−02
Value: Obese
Megasphaera
200
150
100
50
0
Lean (n=61)
Obese (n=193)
pheno

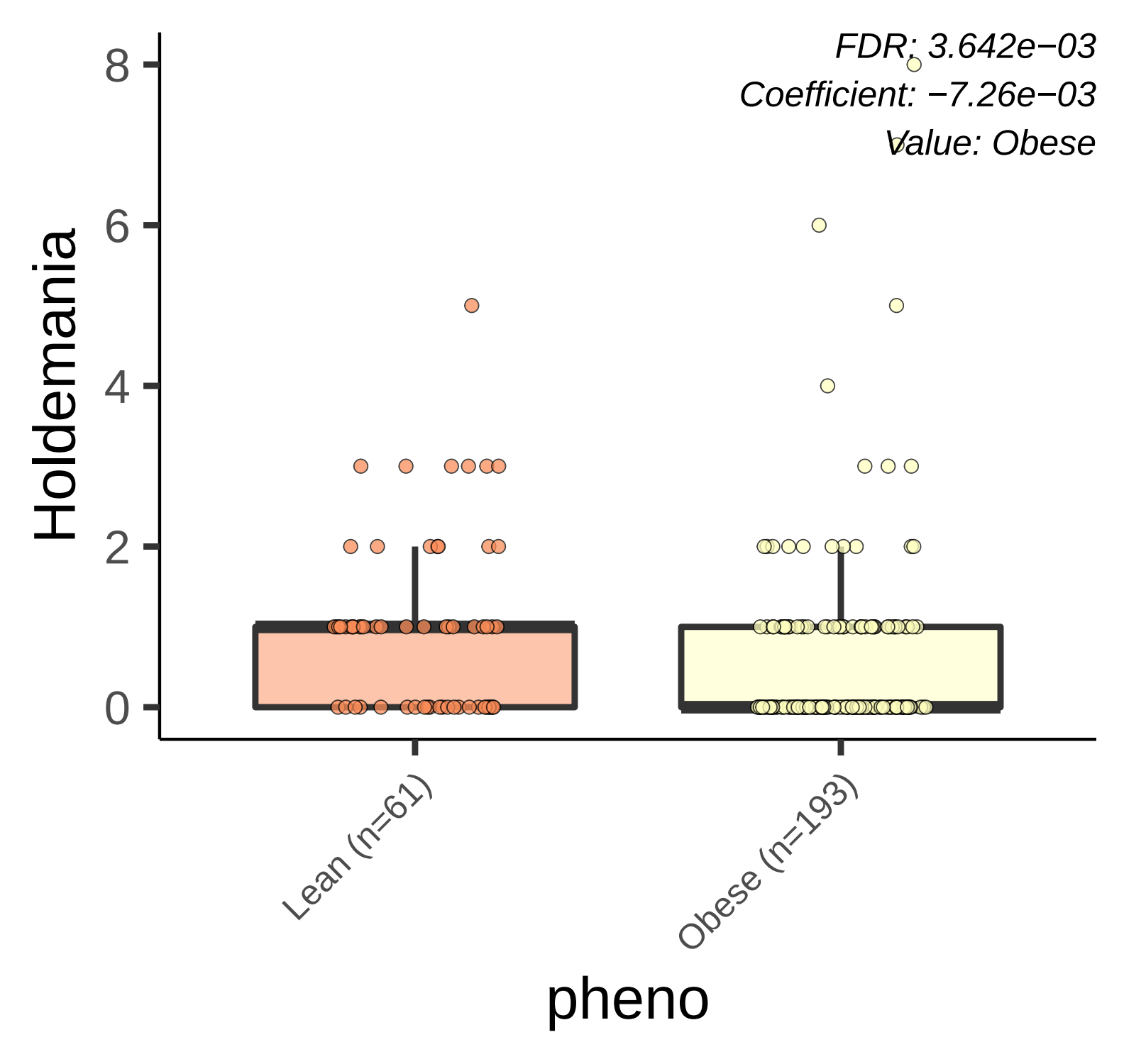

FDR: 2.496e−04
Coefficient: −2.97e−02
Value: Obese
Barnesiella
80
60
40
20
0
Lean (n=61)
Obese (n=193)
pheno

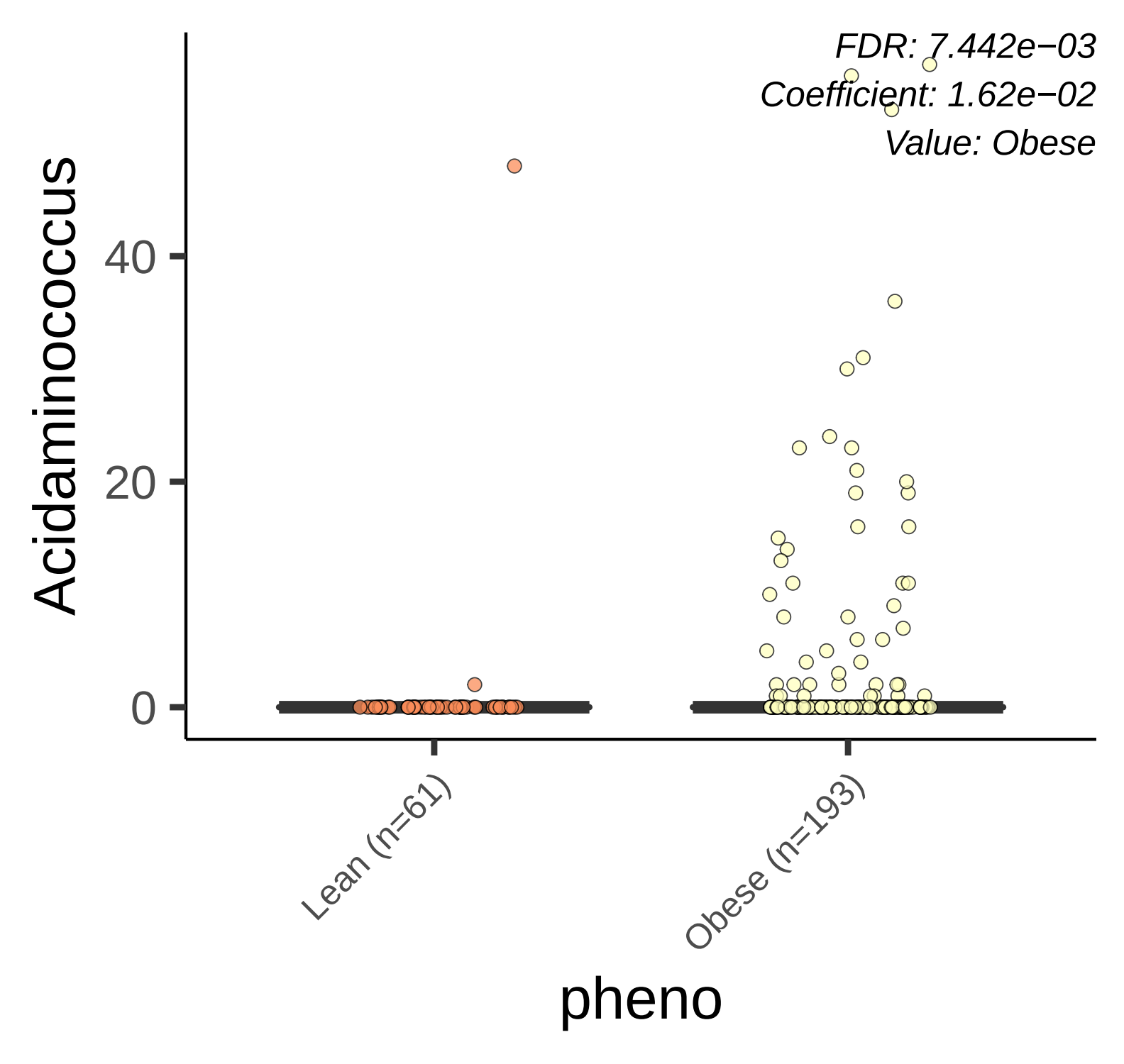

FDR: 2.496e−04
Coefficient: −2.19e−02
Value: Obese
Parabacteroides
100
75
50
25
0
Lean (n=61)
Obese (n=193)
pheno

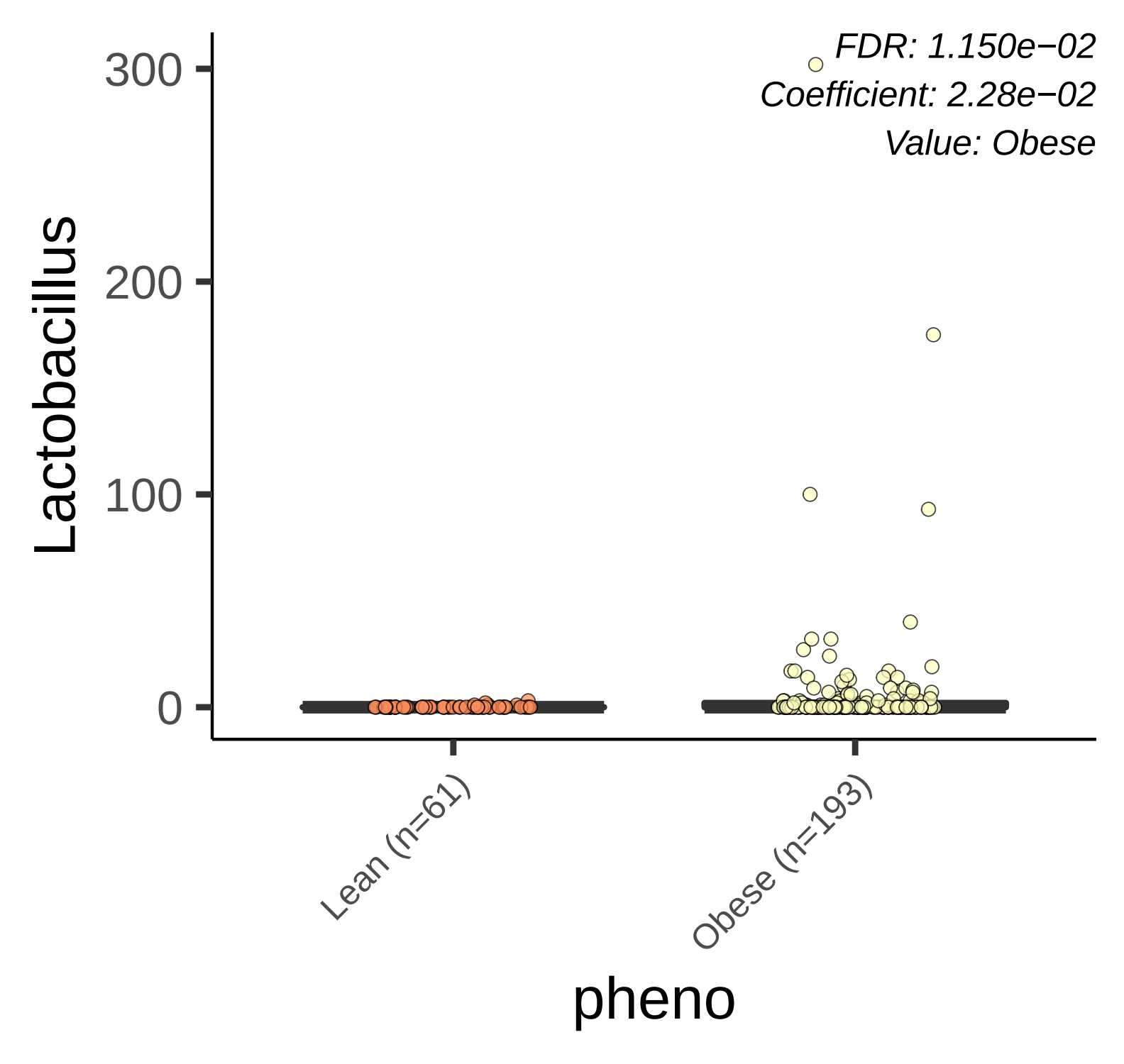

FDR: 2.496e−04
Coefficient: −3.25e−02
Value: Obese
Phascolarctobacterium
100
50
0
Lean (n=61)
Obese (n=193)
pheno

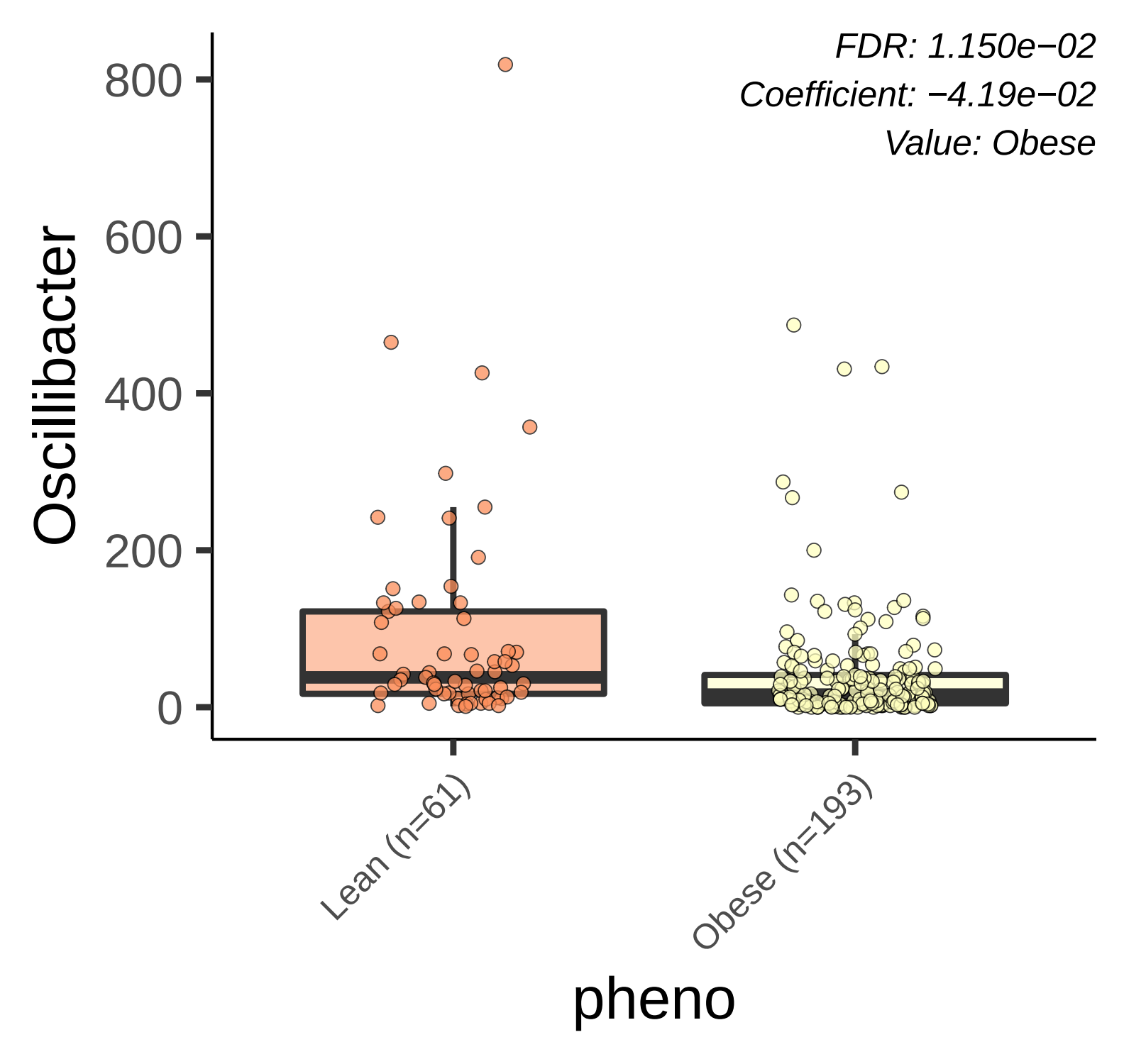

FDR: 3.130e−04
Coefficient: −5.23e−02
Value: Obese
Alistipes
500
400
300
200
100
0
Lean (n=61)
Obese (n=193)
pheno

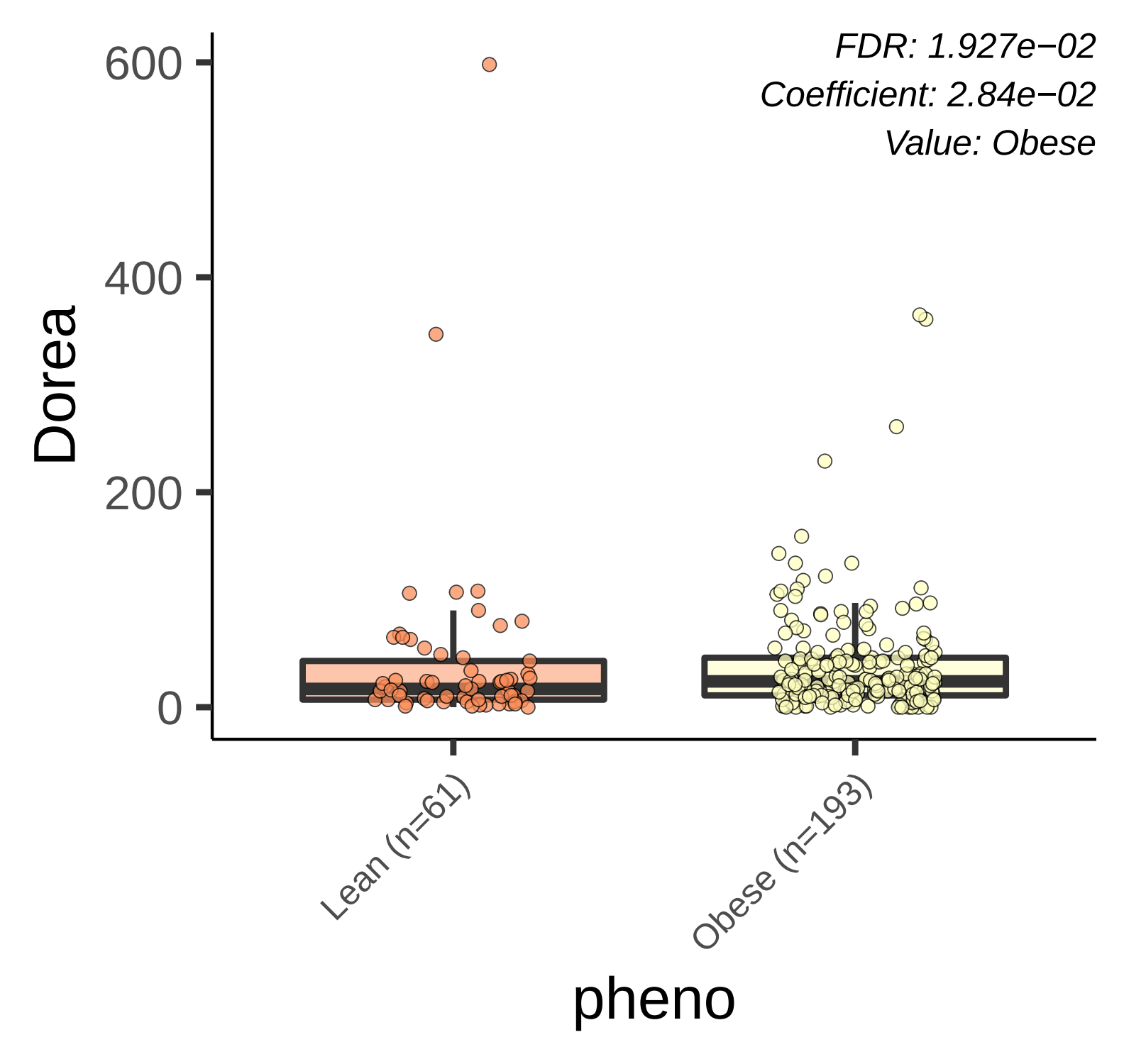

FDR: 3.130e−04
Coefficient: −1.34e−02
Value: Obese
Desulfovibrio
30
20
10
0
Lean (n=61)
Obese (n=193)
pheno

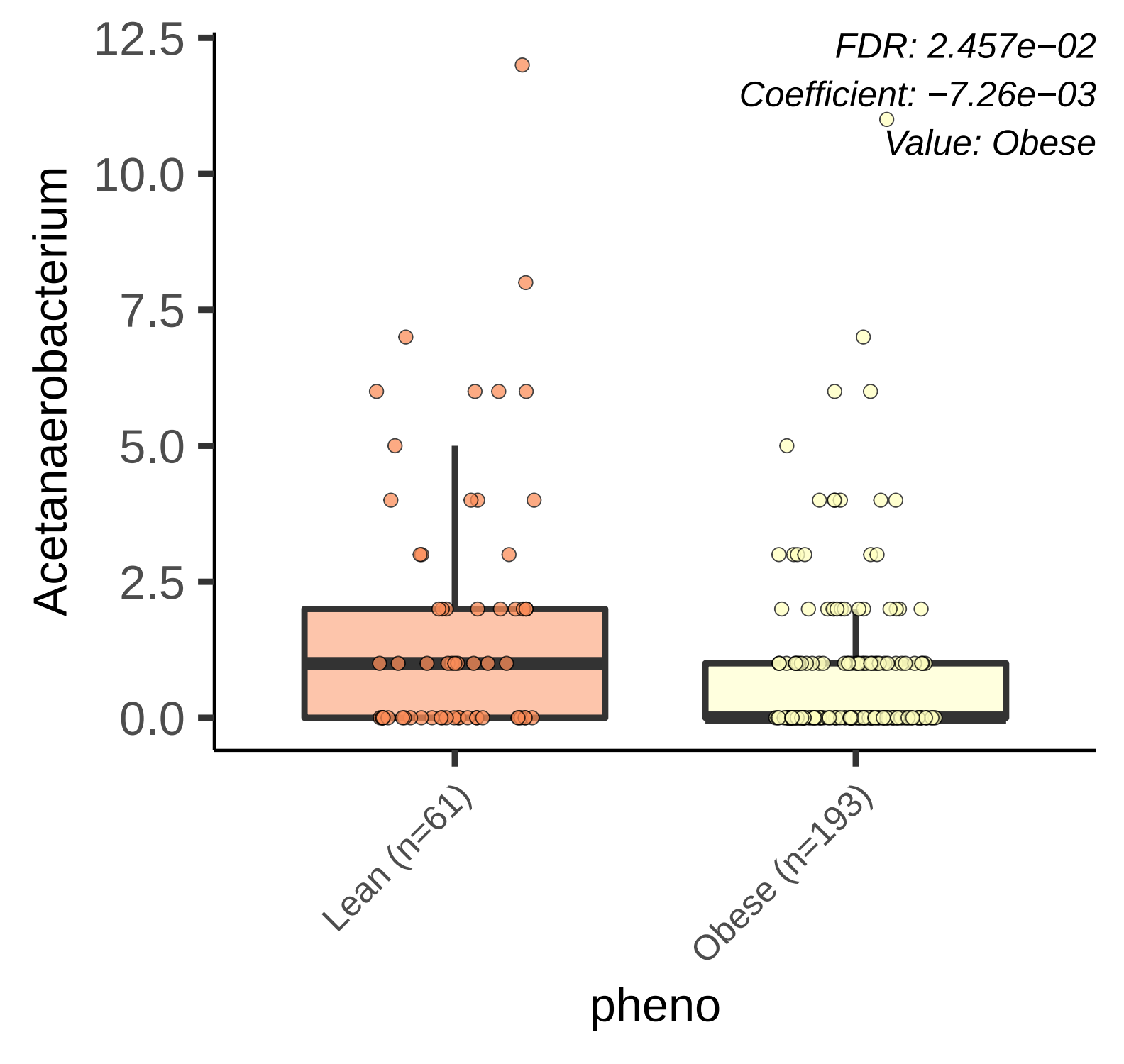

FDR: 3.642e−03
Coefficient: −7.26e−03
Value: Obese
Holdemania
8
6
4
2
0
Lean (n=61)
Obese (n=193)
pheno

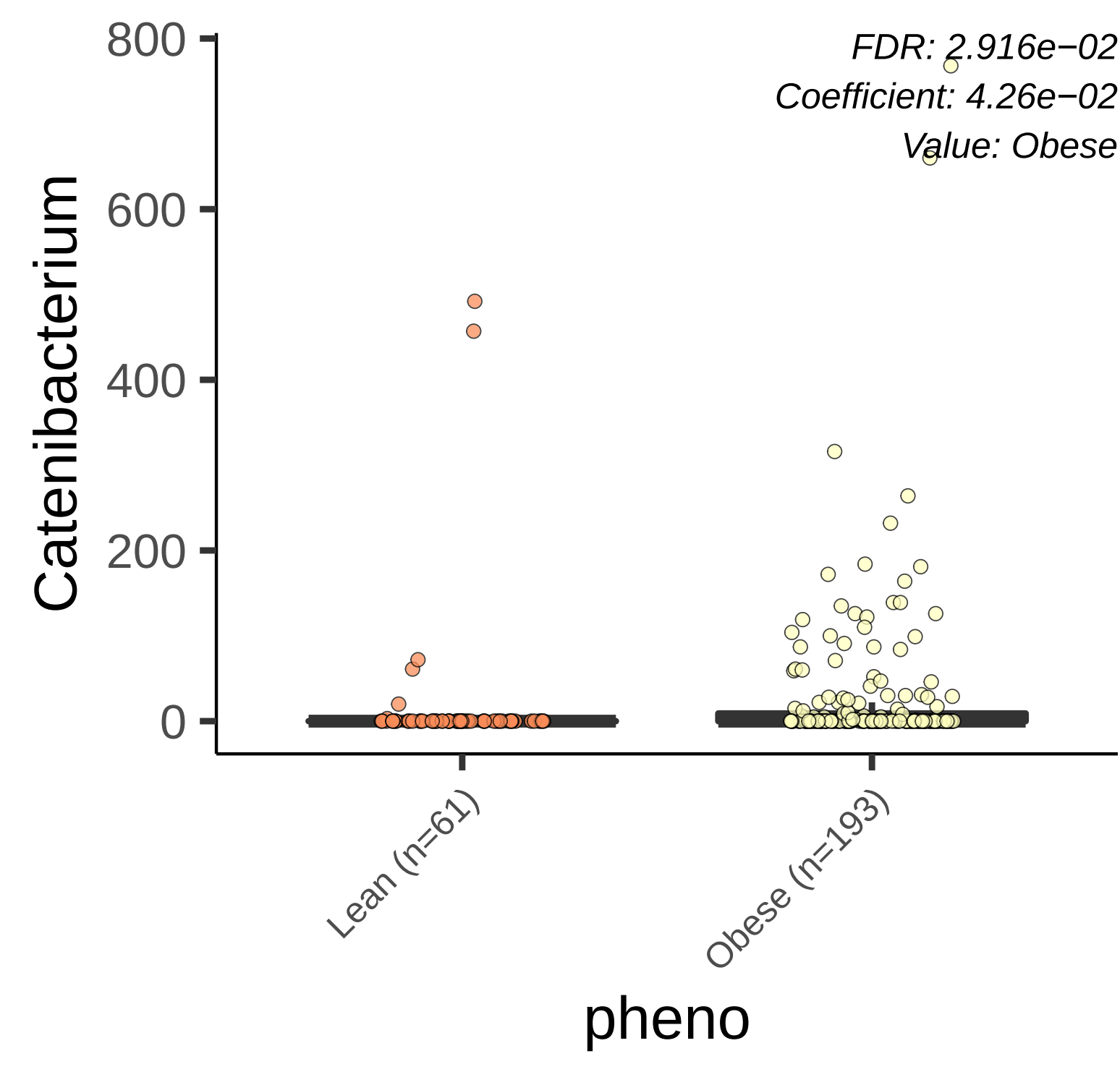

FDR: 7.442e−03
Coefficient: 1.62e−02
Value: Obese
Acidaminococcus
40
20
0
Lean (n=61)
Obese (n=193)
pheno

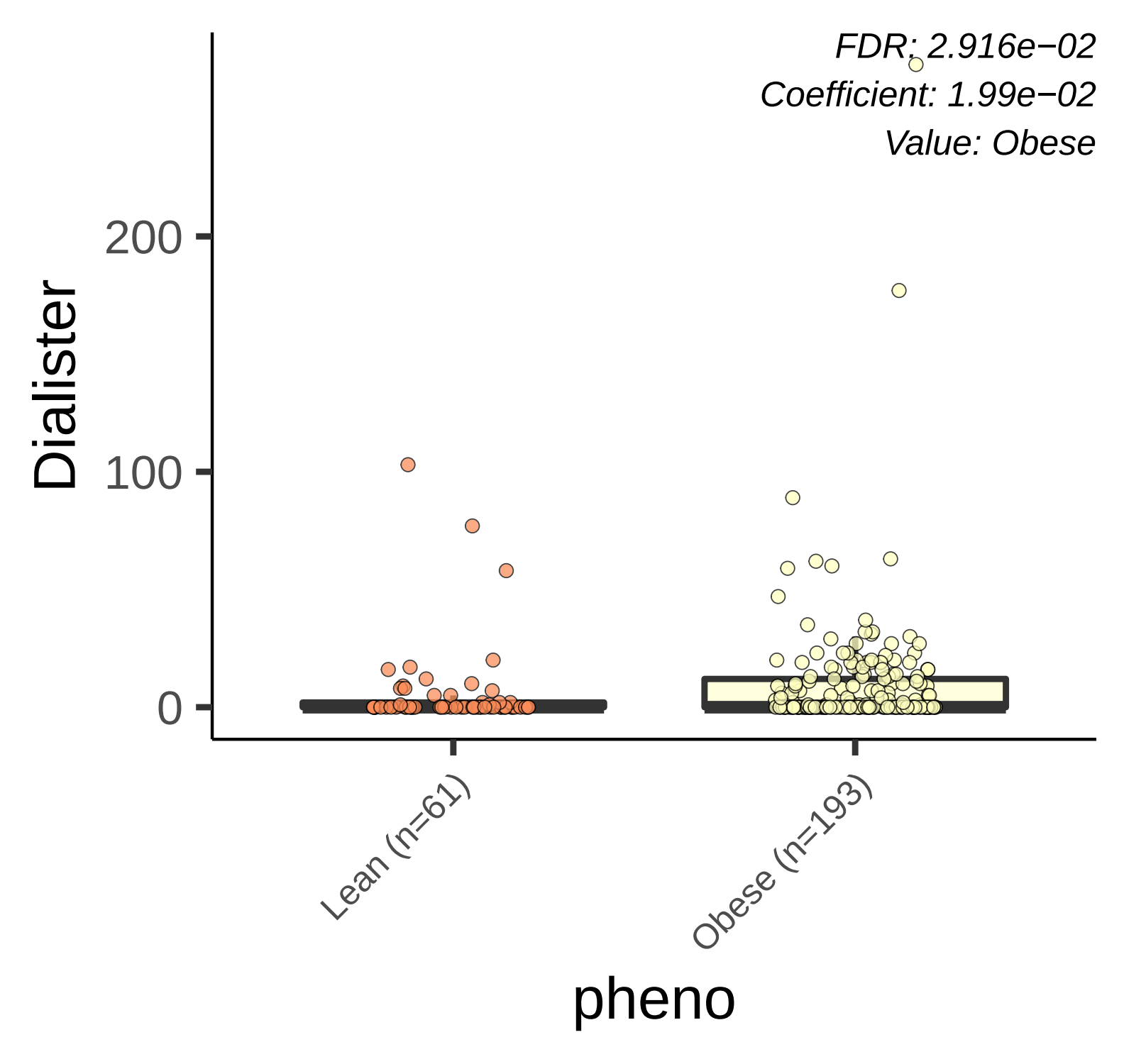

FDR: 1.150e−02
Coefficient: 2.28e−02
Value: Obese
Lactobacillus
300
200
100
0
Lean (n=61)
Obese (n=193)
pheno

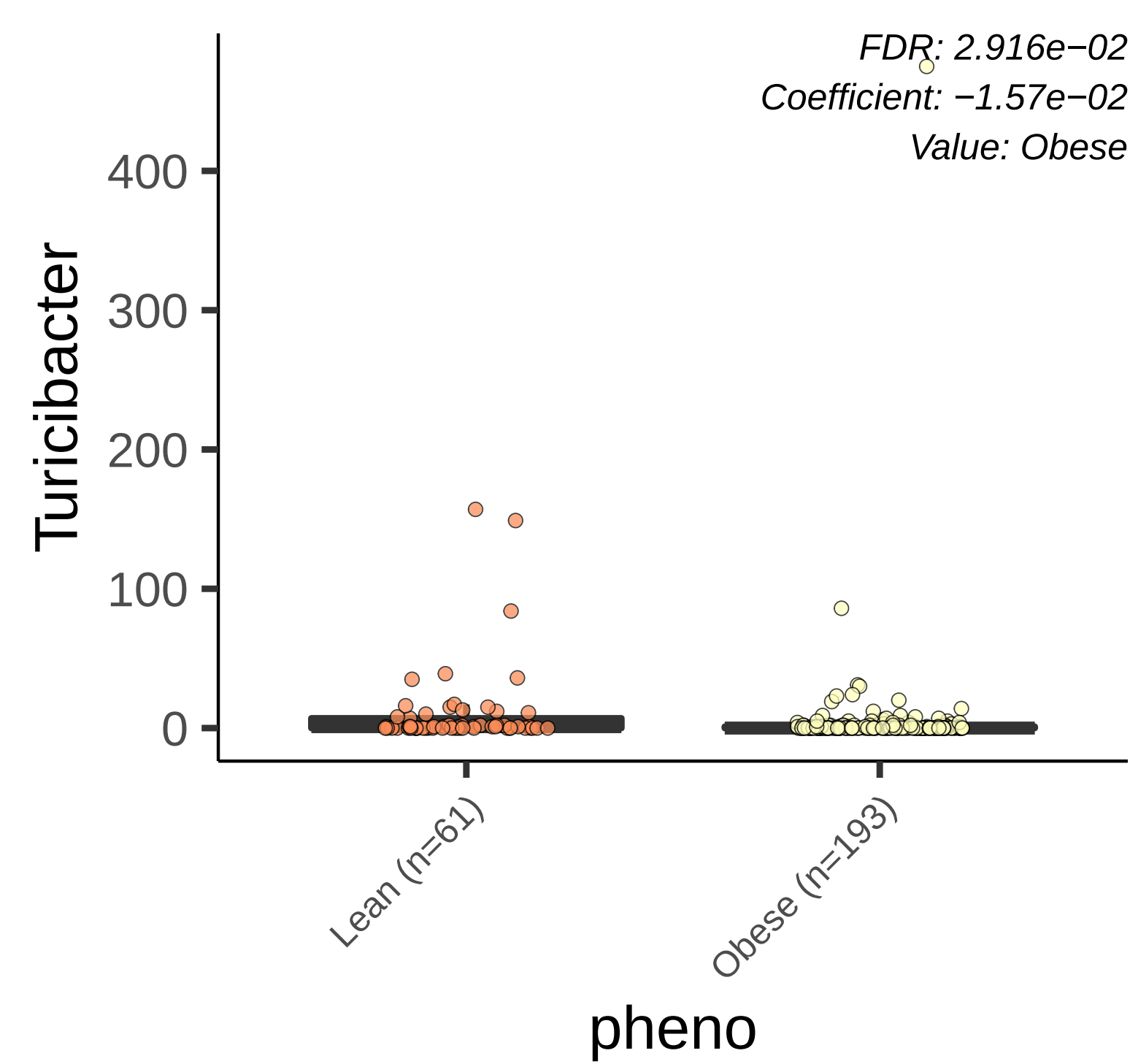

FDR: 1.150e−02
Coefficient: −4.19e−02
Value: Obese
Oscillibacter
800
600
400
200
0
Lean (n=61)
Obese (n=193)
pheno

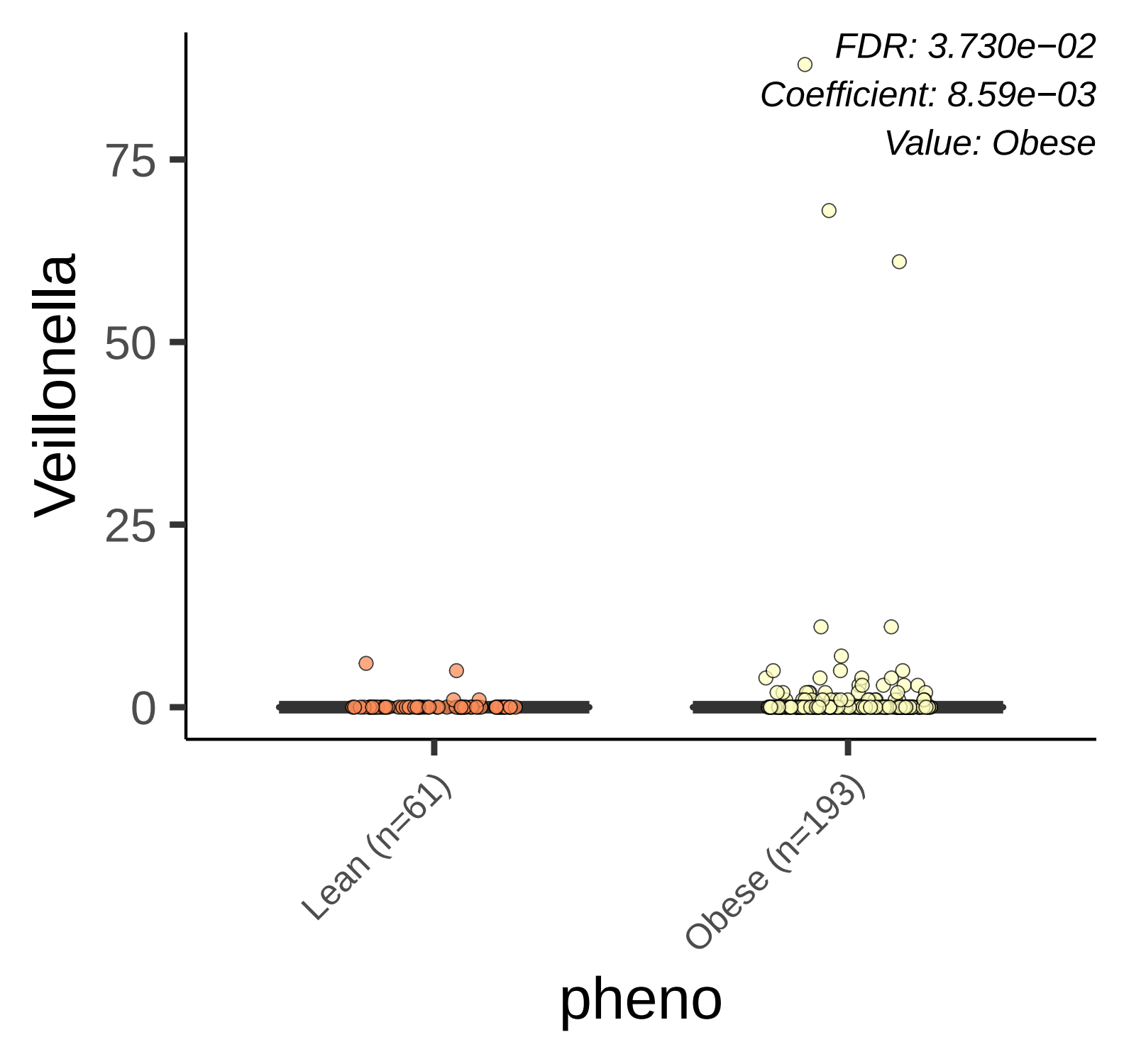

FDR: 1.927e−02
Coefficient: 2.84e−02
Value: Obese
600
400
200
0
Dorea
Lean (n=61)
Obese (n=193)
pheno

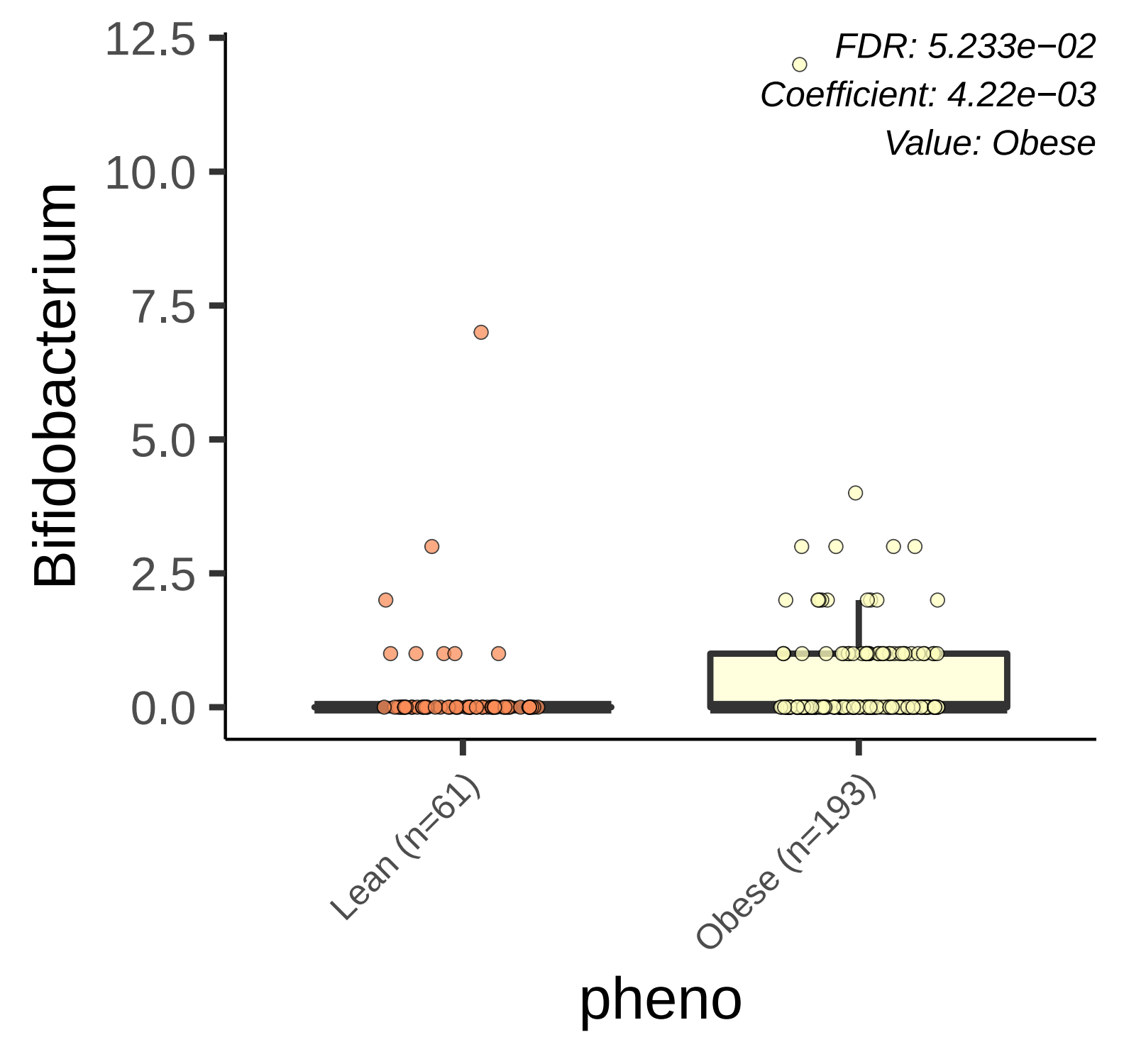

FDR: 2.457e−02
Coefficient: −7.26e−03
Value: Obese
Acetanaerobacterium
12.5
10.0
7.5
5.0
2.5
0.0
Lean (n=61)
Obese (n=193)
pheno

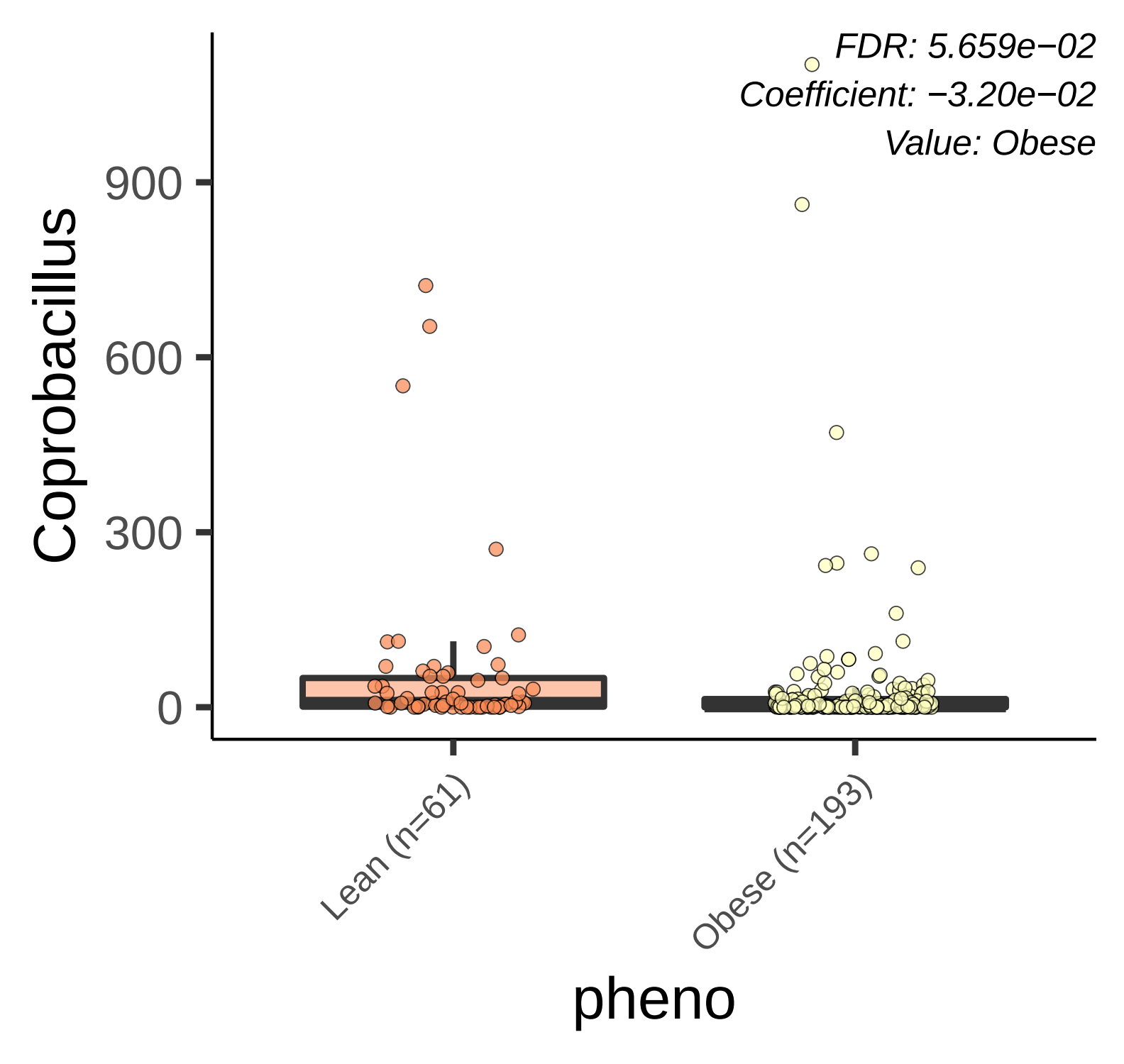

FDR: 2.916e−02
Coefficient: 4.26e−02
Value: Obese
Catenibacterium
800
600
400
200
0
Lean (n=61)
Obese (n=193)
pheno

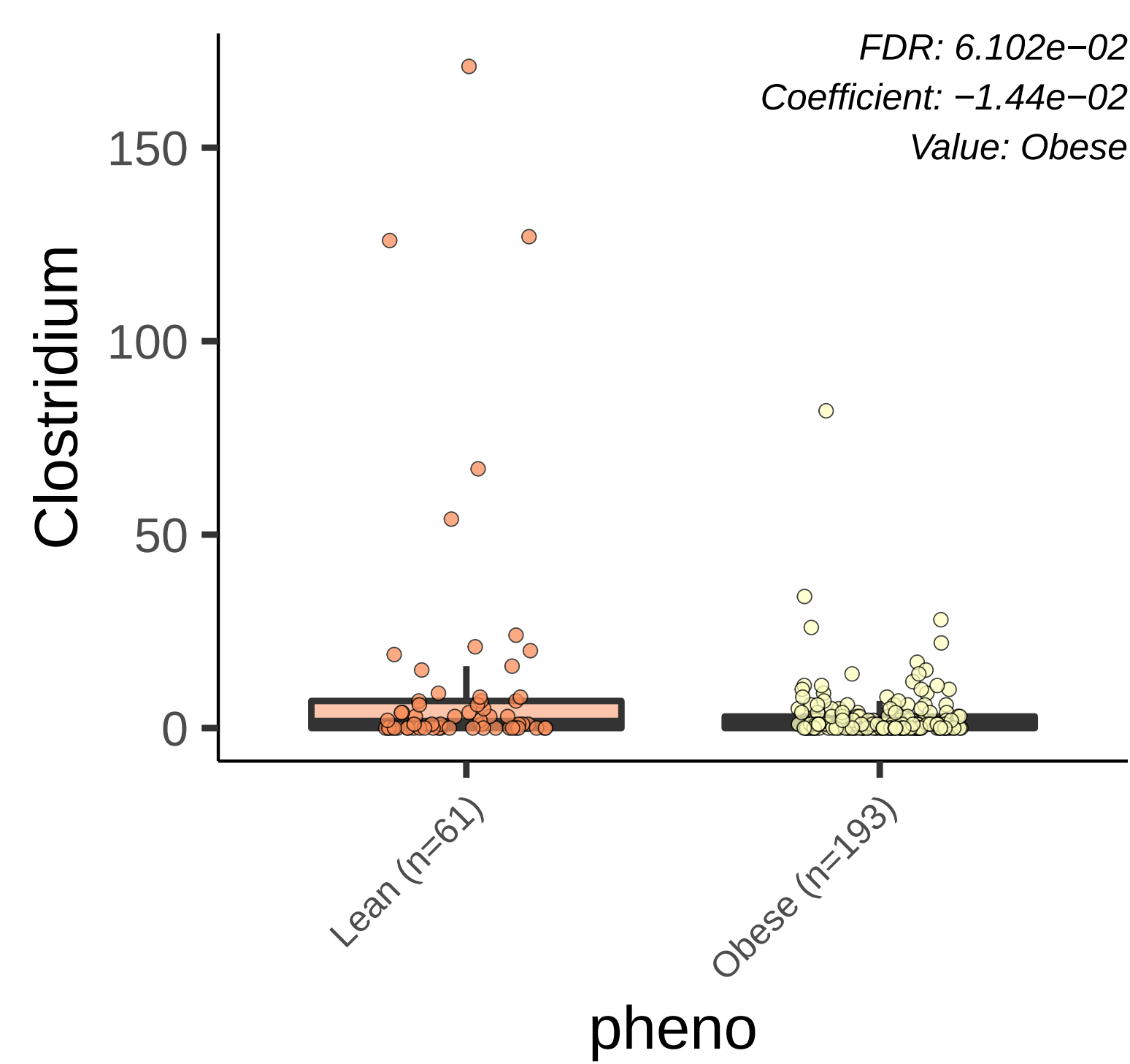

FDR: 2.916e−02
Coefficient: 1.99e−02
Value: Obese
Dialister
200
100
0
Lean (n=61)
Obese (n=193)
pheno

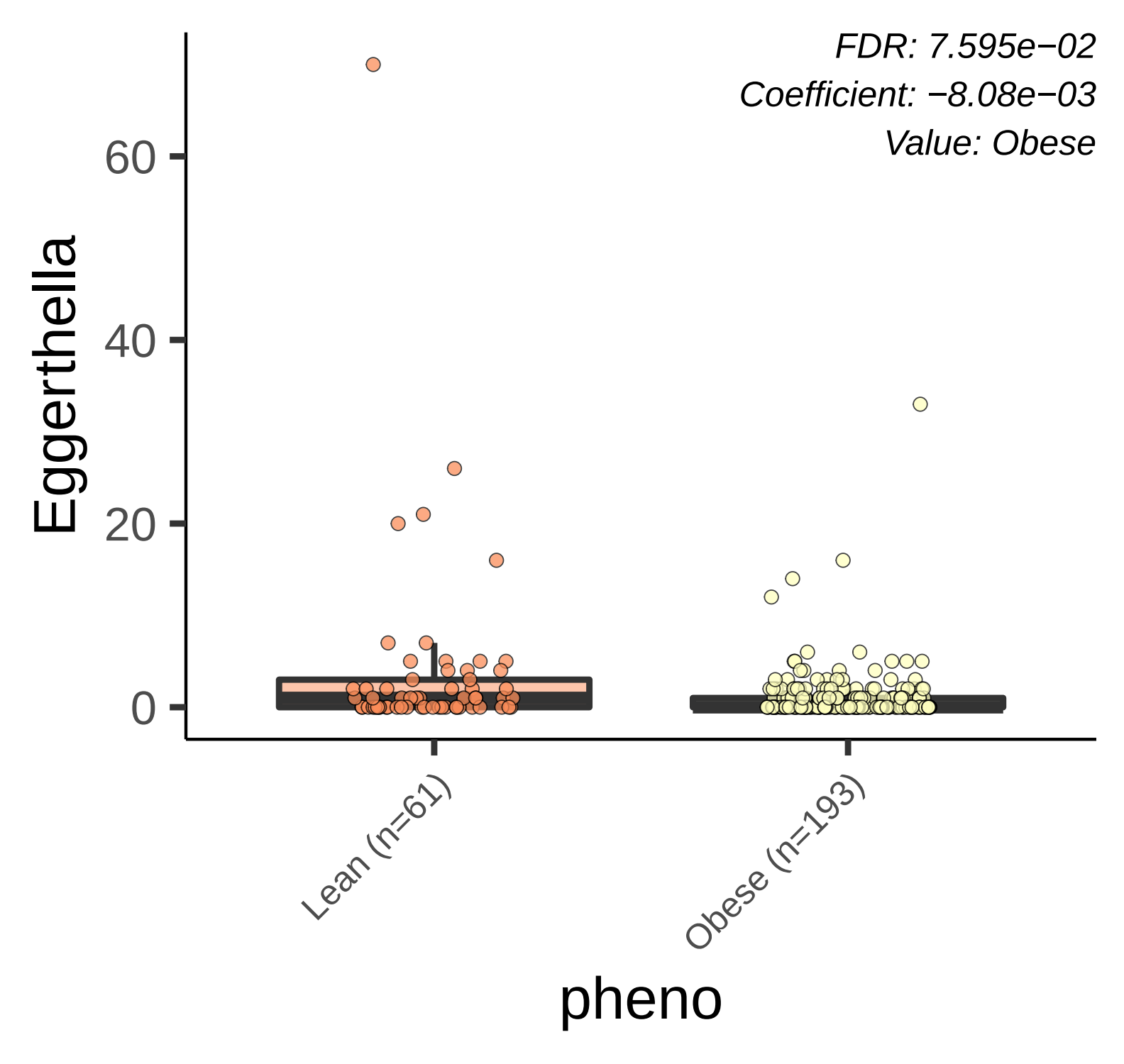

FDR: 2.916e−02
Coefficient: −1.57e−02
Value: Obese
Turicibacter
400
300
200
100
0
Lean (n=61)
Obese (n=193)
pheno

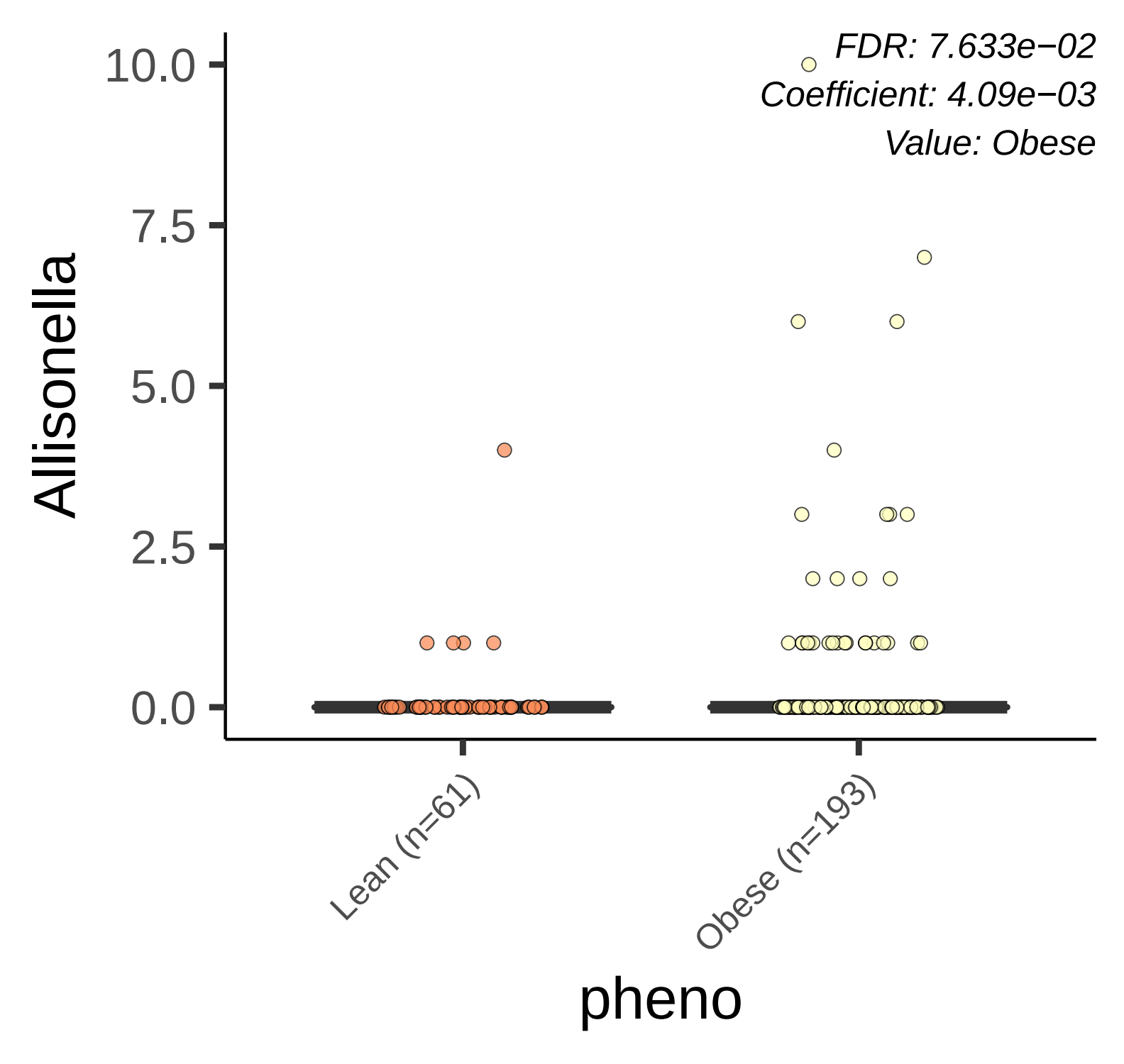

FDR: 3.730e−02
Coefficient: 8.59e−03
Value: Obese
Veillonella
75
50
25
0
Lean (n=61)
Obese (n=193)
pheno

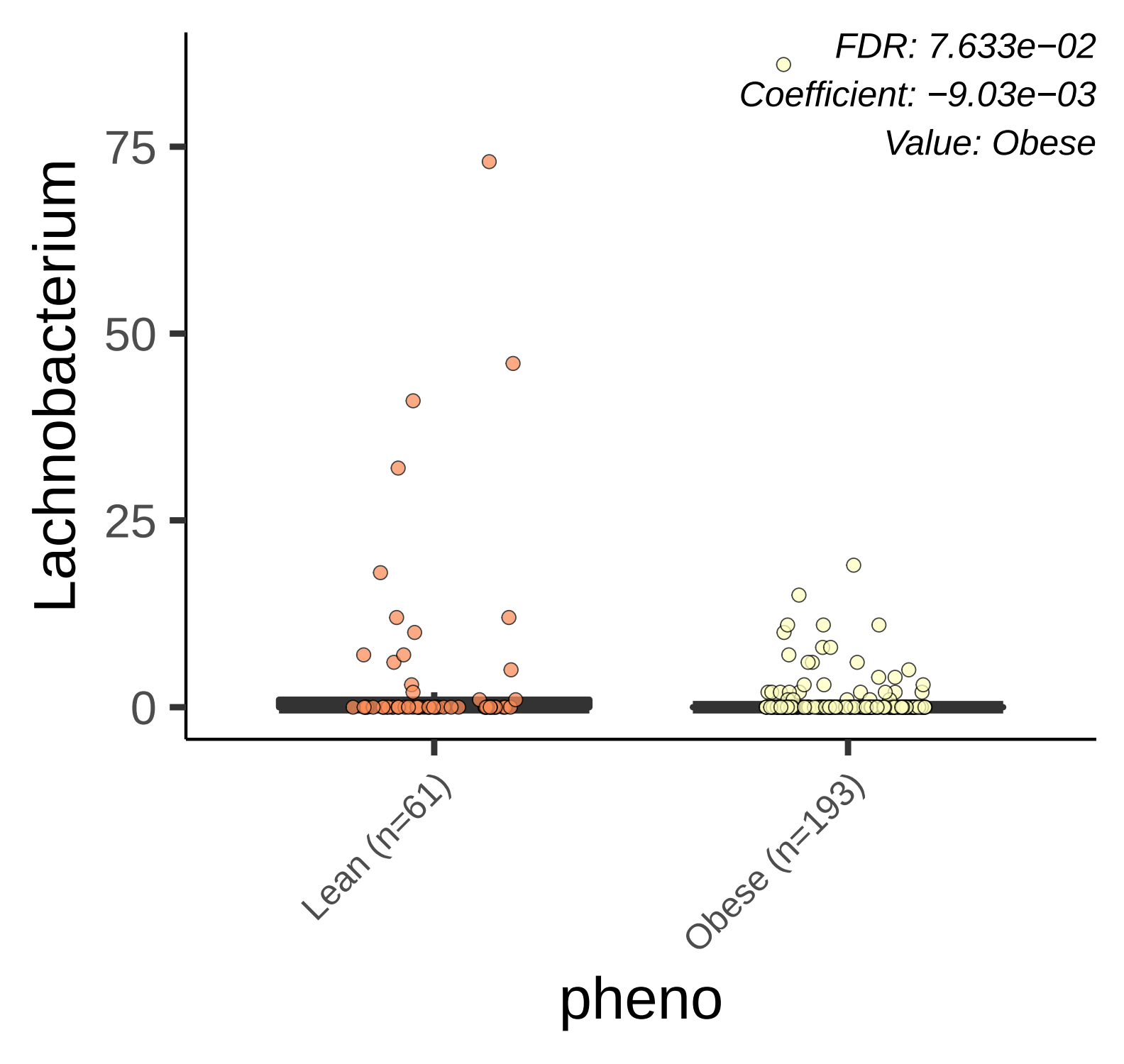

FDR: 5.233e−02
Coefficient: 4.22e−03
Value: Obese
Bifidobacterium
12.5
10.0
7.5
5.0
2.5
0.0
Lean (n=61)
Obese (n=193)
pheno

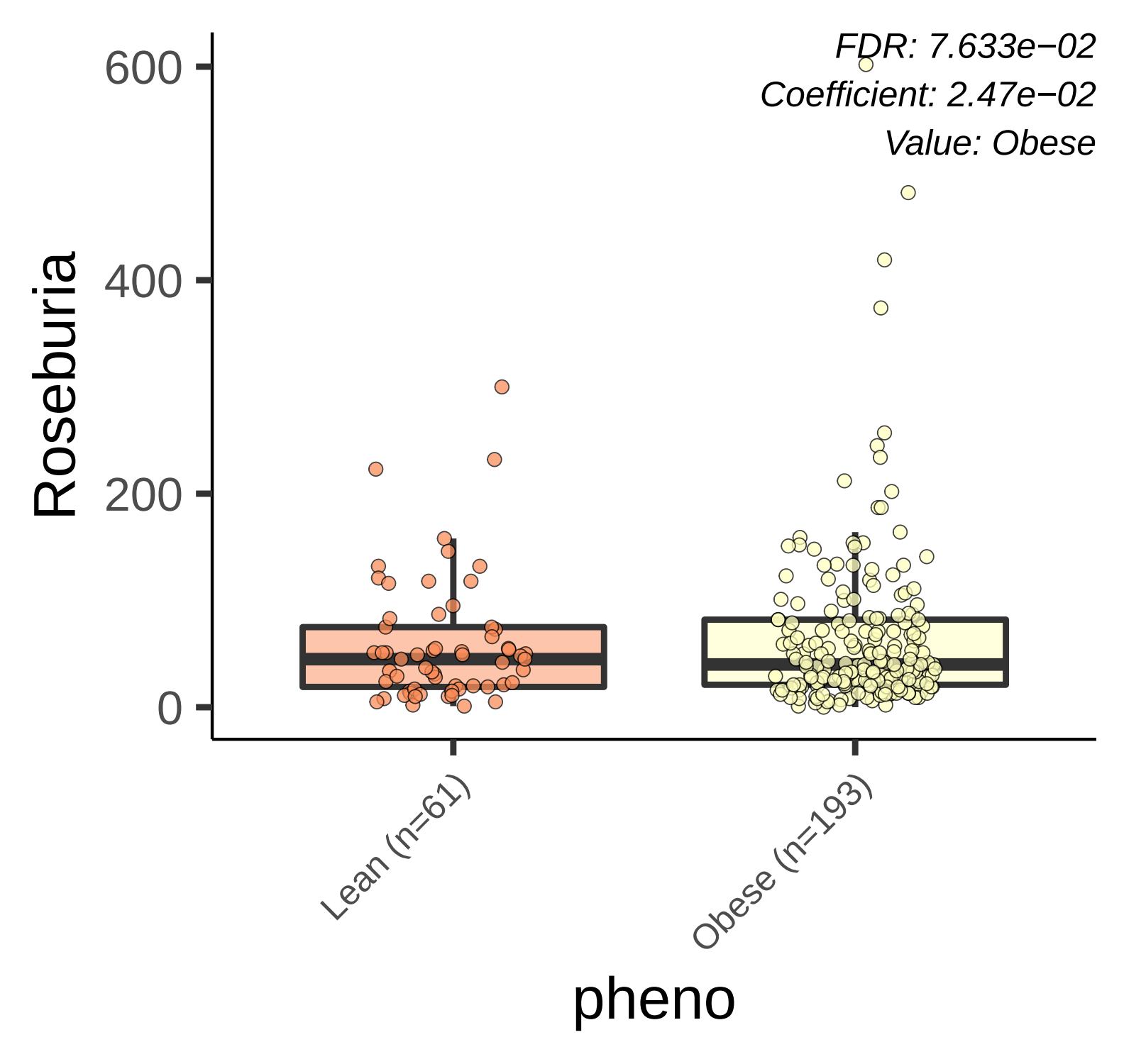

FDR: 5.659e−02
Coefficient: −3.20e−02
Value: Obese
Coprobacillus
900
600
300
0
Lean (n=61)
Obese (n=193)
pheno

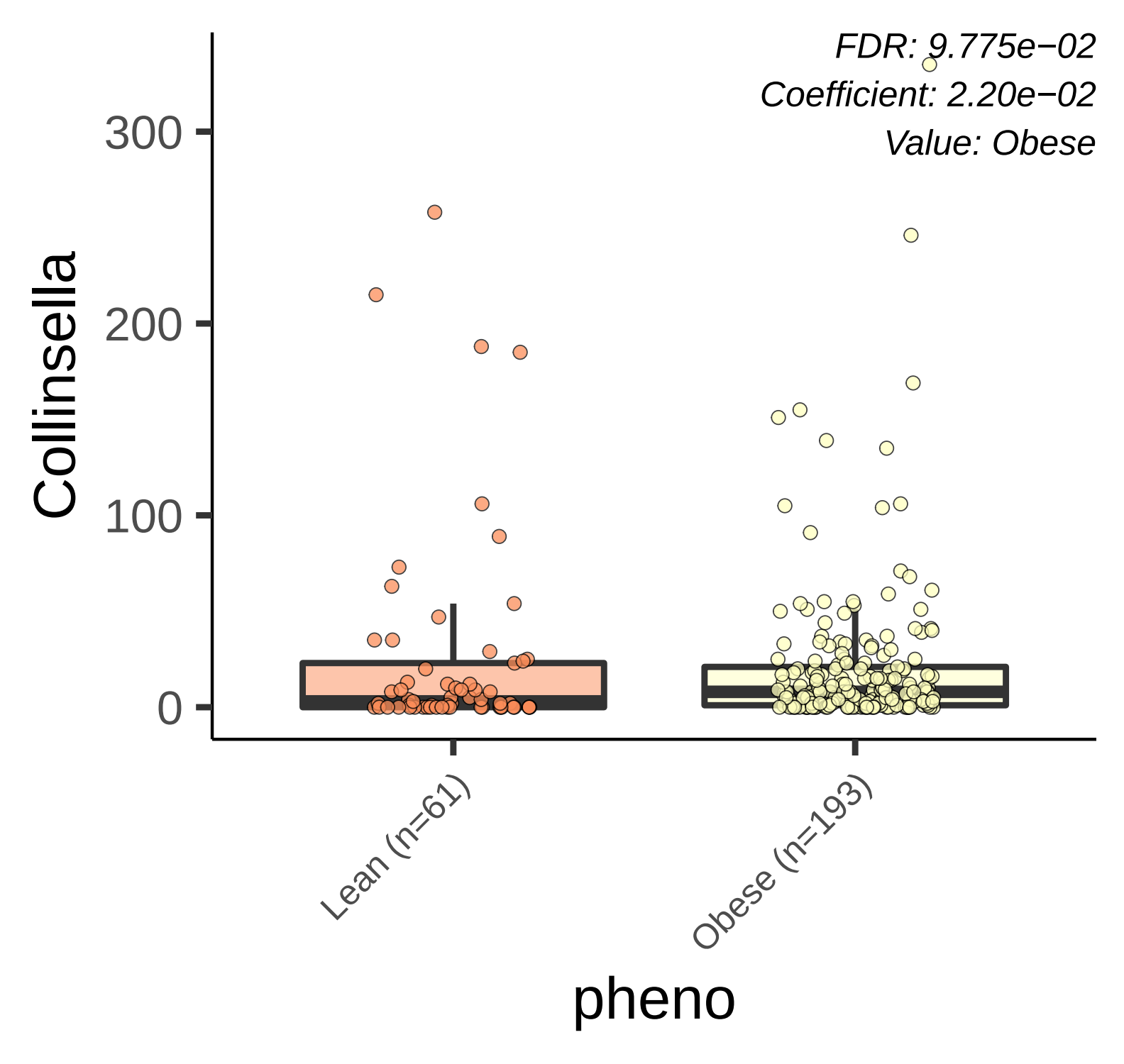

FDR: 6.102e−02
Coefficient: −1.44e−02
Value: Obese
Clostridium
150
100
50
0
Lean (n=61)
Obese (n=193)
pheno

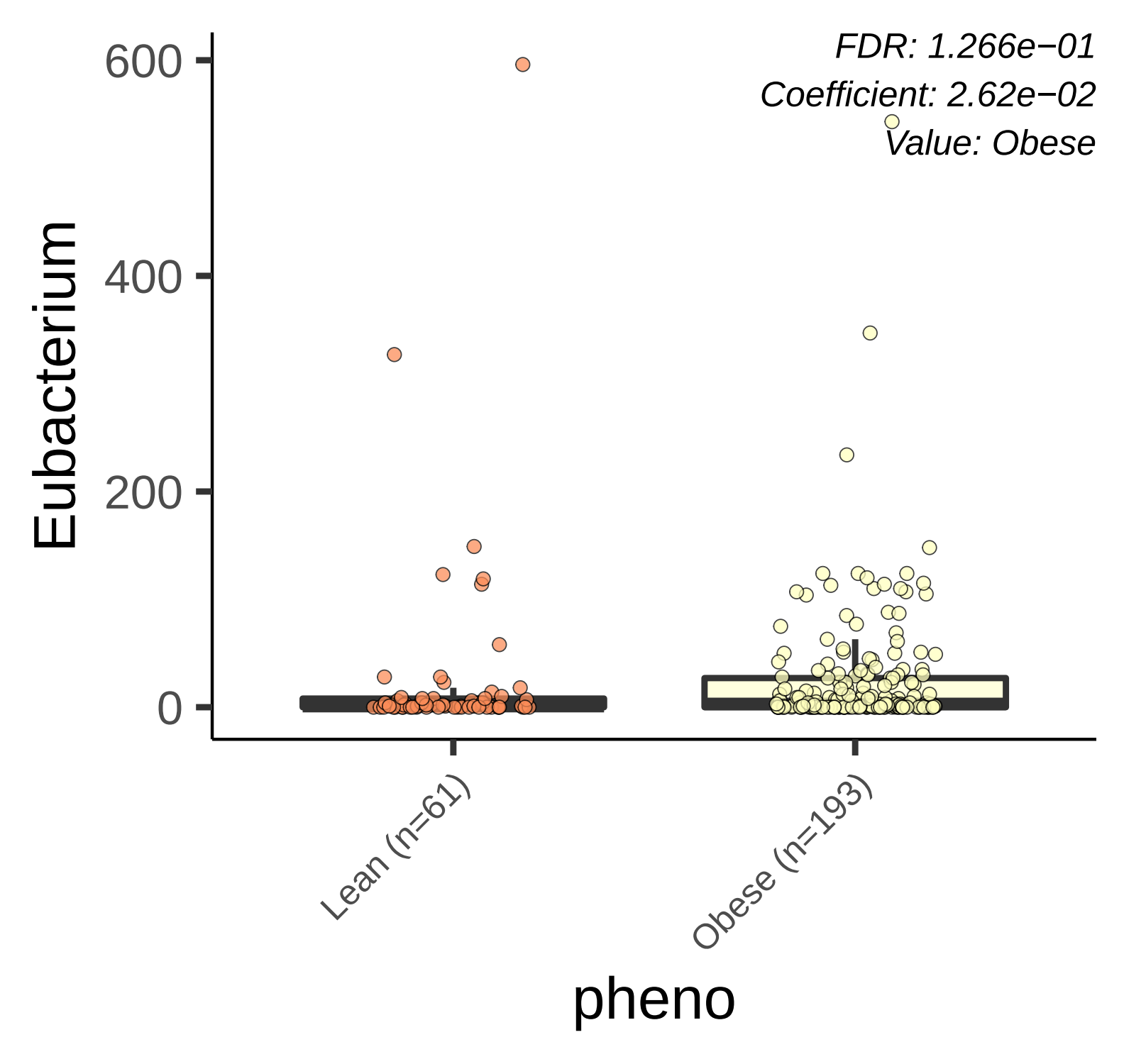

FDR: 7.595e−02
Coefficient: −8.08e−03
Value: Obese
Eggerthella
60
40
20
0
Lean (n=61)
Obese (n=193)
pheno

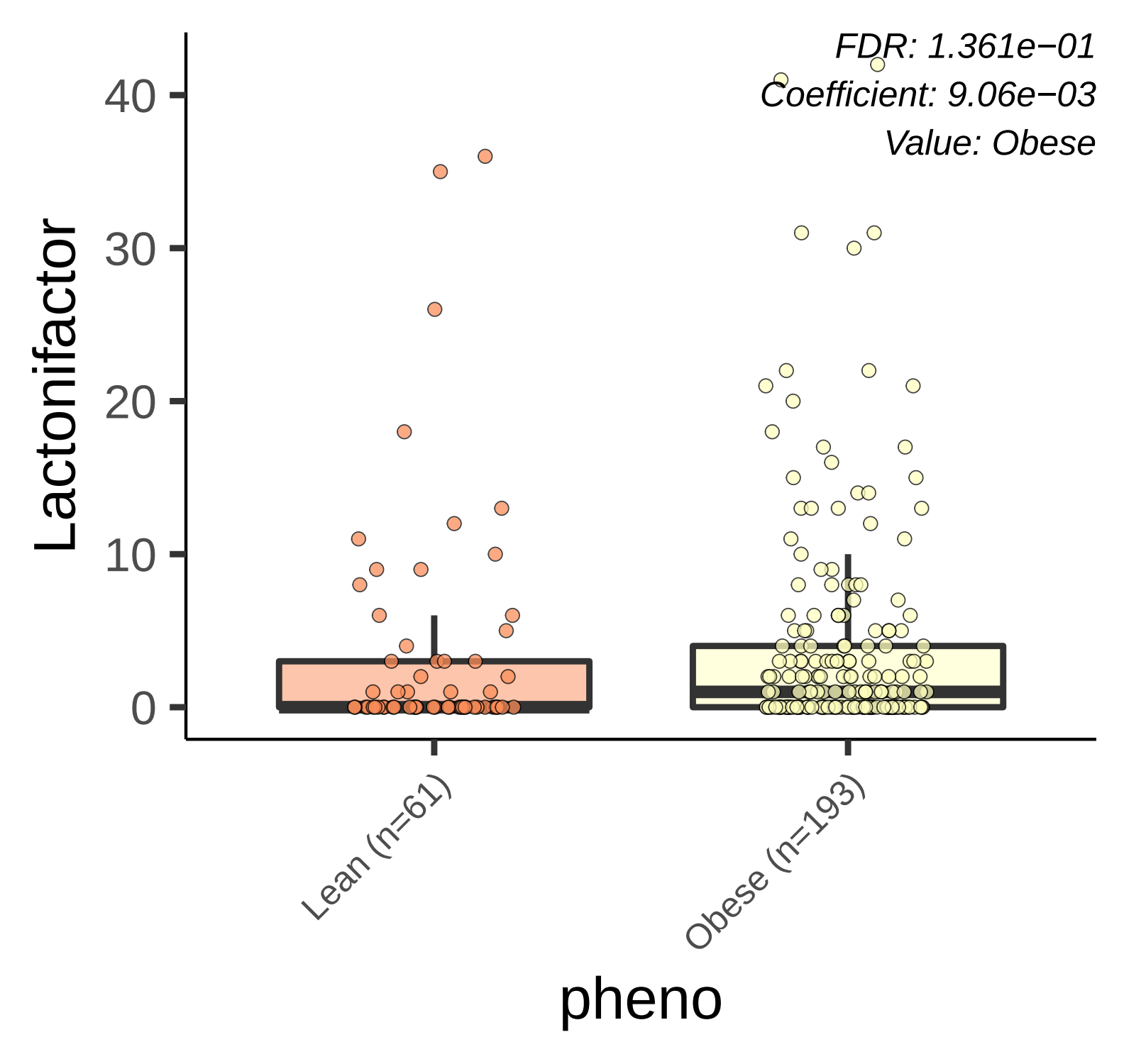

FDR: 7.633e−02
Coefficient: 4.09e−03
Value: Obese
Allisonella
10.0
7.5
5.0
2.5
0.0
Lean (n=61)
Obese (n=193)
pheno

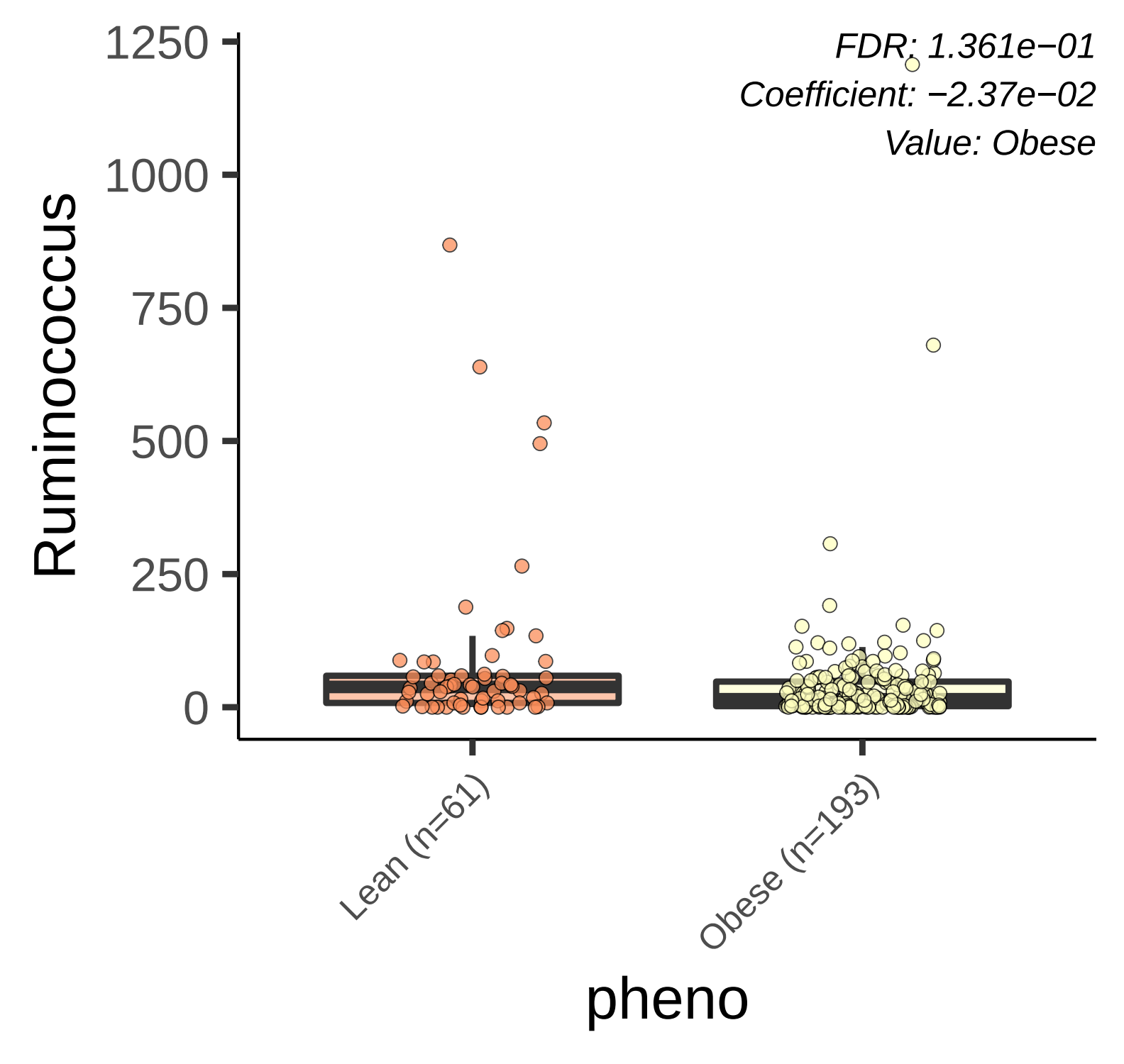

FDR: 7.633e−02
Coefficient: −9.03e−03
Value: Obese
Lachnobacterium
75
50
25
0
Lean (n=61)
Obese (n=193)
pheno

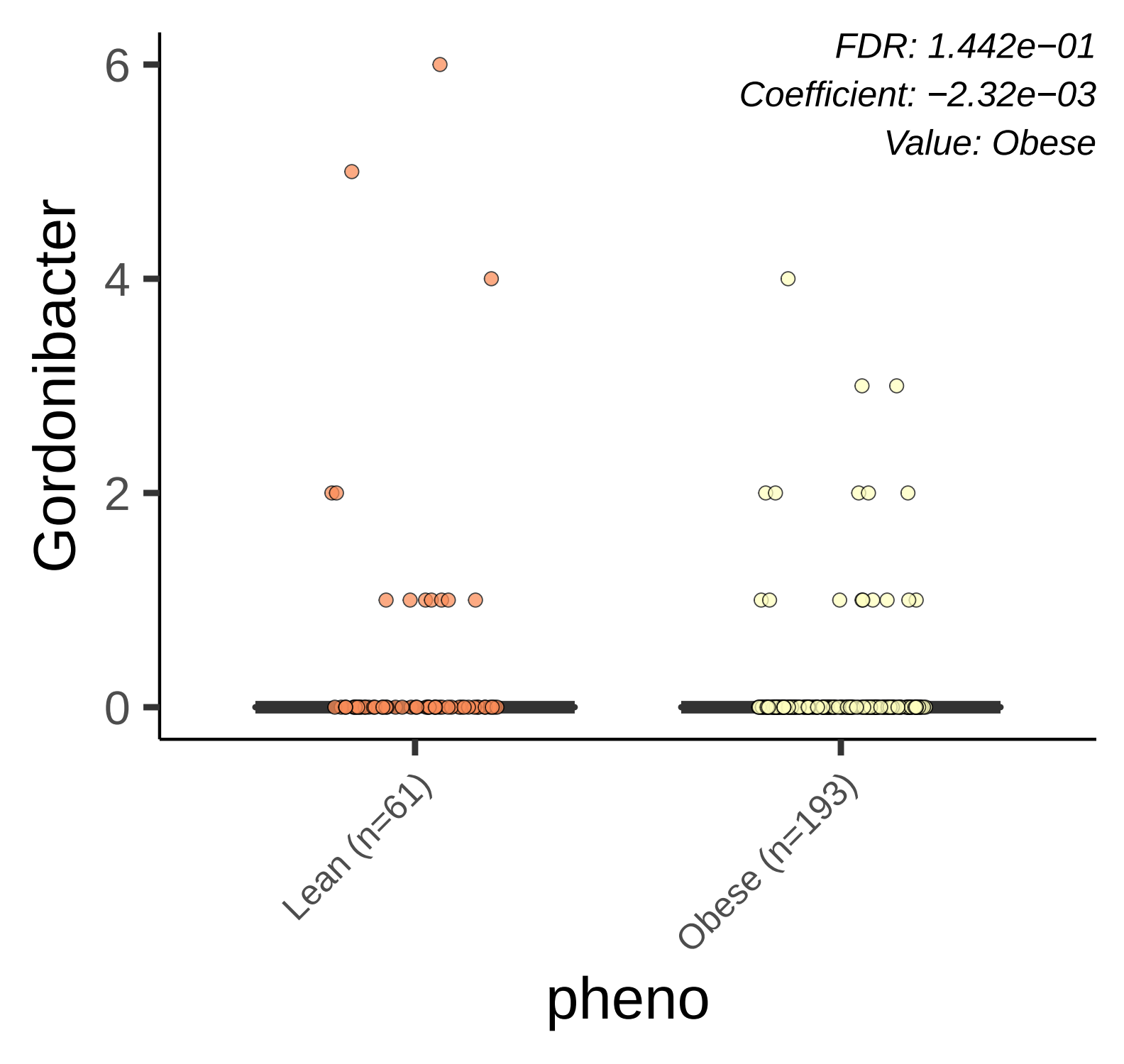

FDR: 7.633e−02
Coefficient: 2.47e−02
Value: Obese
Roseburia
600
400
200
0
Lean (n=61)
Obese (n=193)
pheno

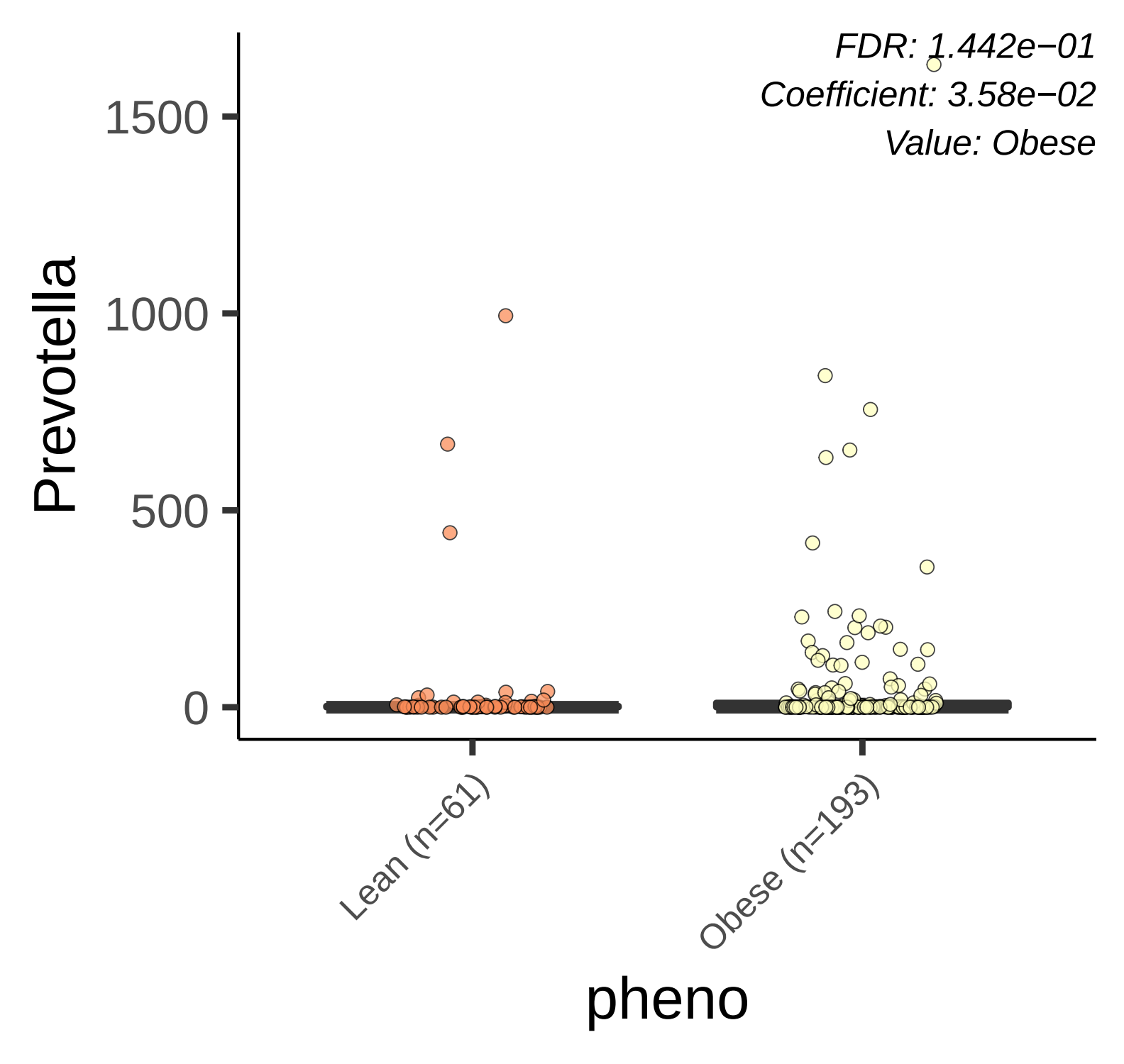

FDR: 9.775e−02
Coefficient: 2.20e−02
Value: Obese
Collinsella
300
200
100
0
Lean (n=61)
Obese (n=193)
pheno

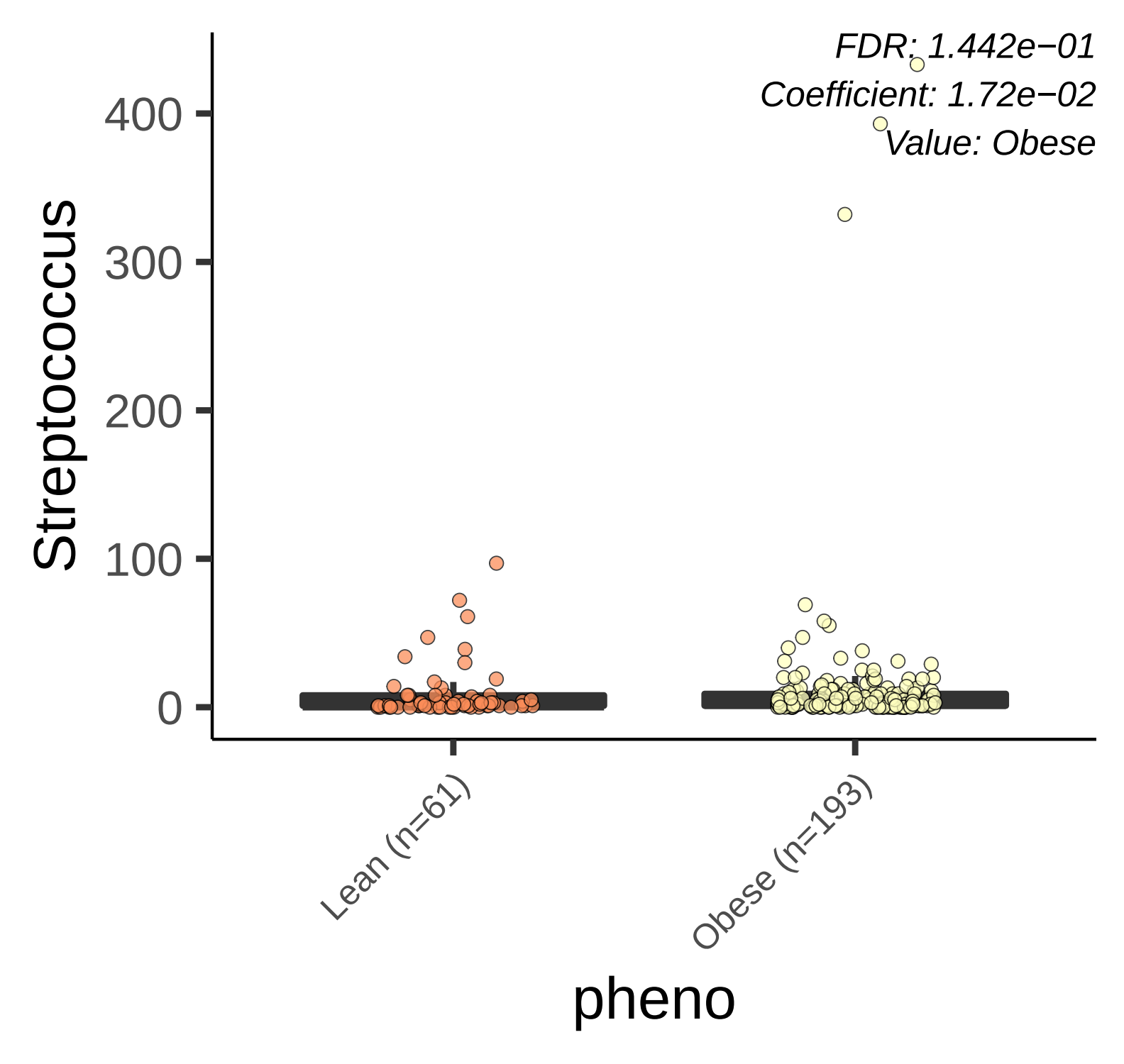

FDR: 1.266e−01
Coefficient: 2.62e−02
Value: Obese
Eubacterium
600
400
200
0
Lean (n=61)
Obese (n=193)
pheno

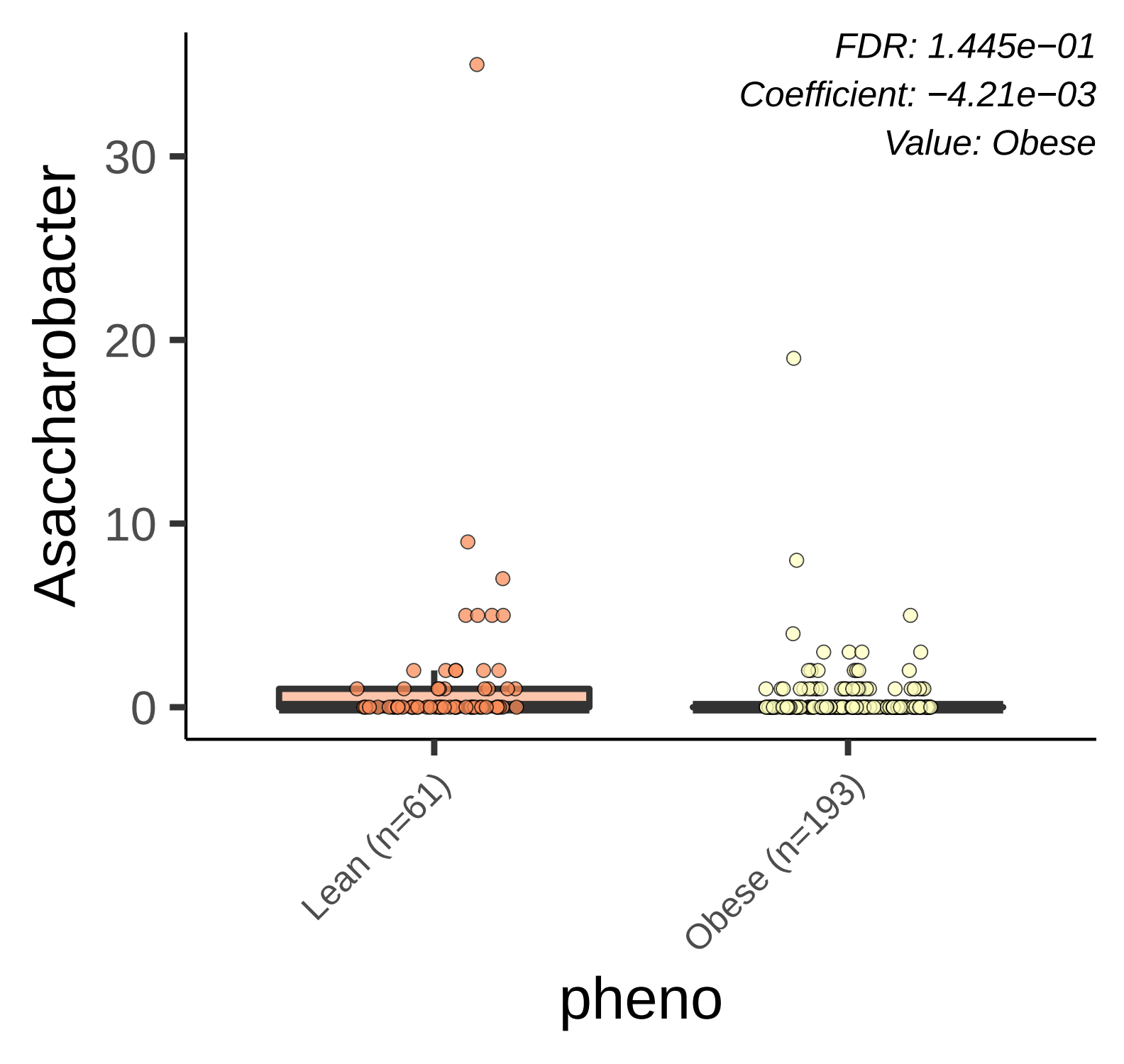

FDR: 1.361e−01
Coefficient: 9.06e−03
Value: Obese
Lactonifactor
40
30
20
10
0
Lean (n=61)
Obese (n=193)
pheno

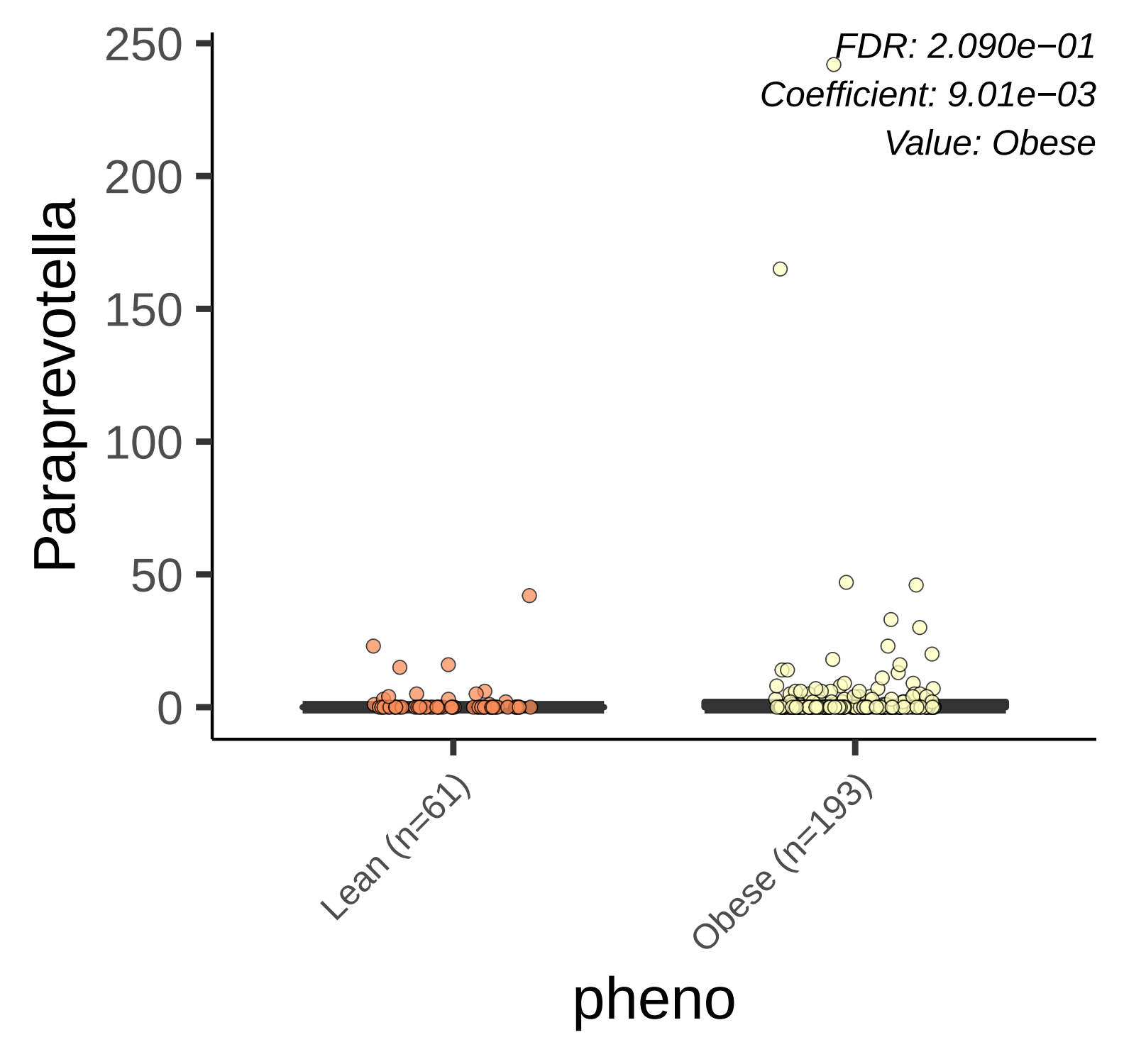

FDR: 1.361e−01
Coefficient: −2.37e−02
Value: Obese
Ruminococcus
1250
1000
750
500
250
0
Lean (n=61)
Obese (n=193)
pheno

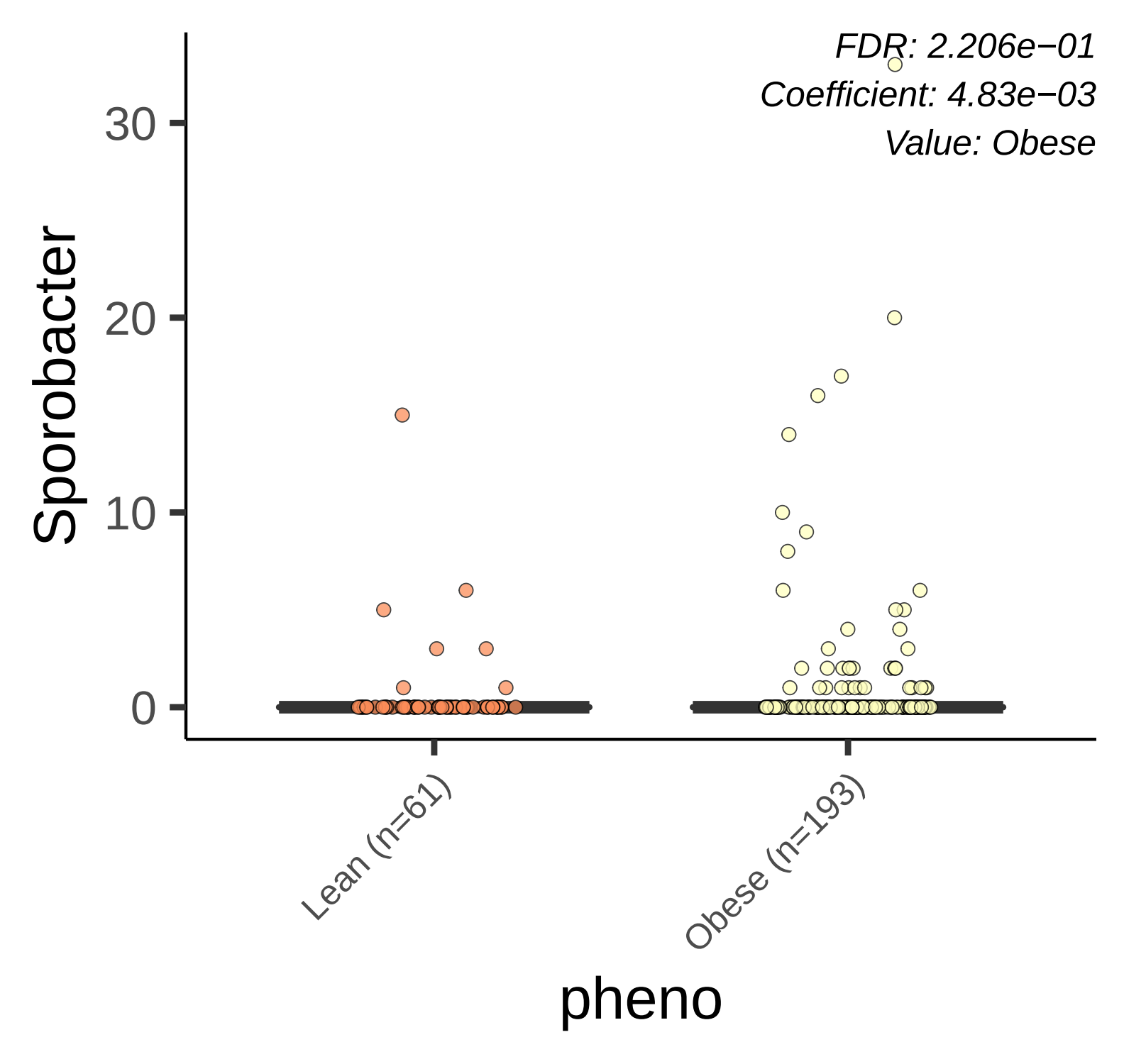

FDR: 1.442e−01
Coefficient: −2.32e−03
Value: Obese
Gordonibacter
6
4
2
0
Lean (n=61)
Obese (n=193)
pheno

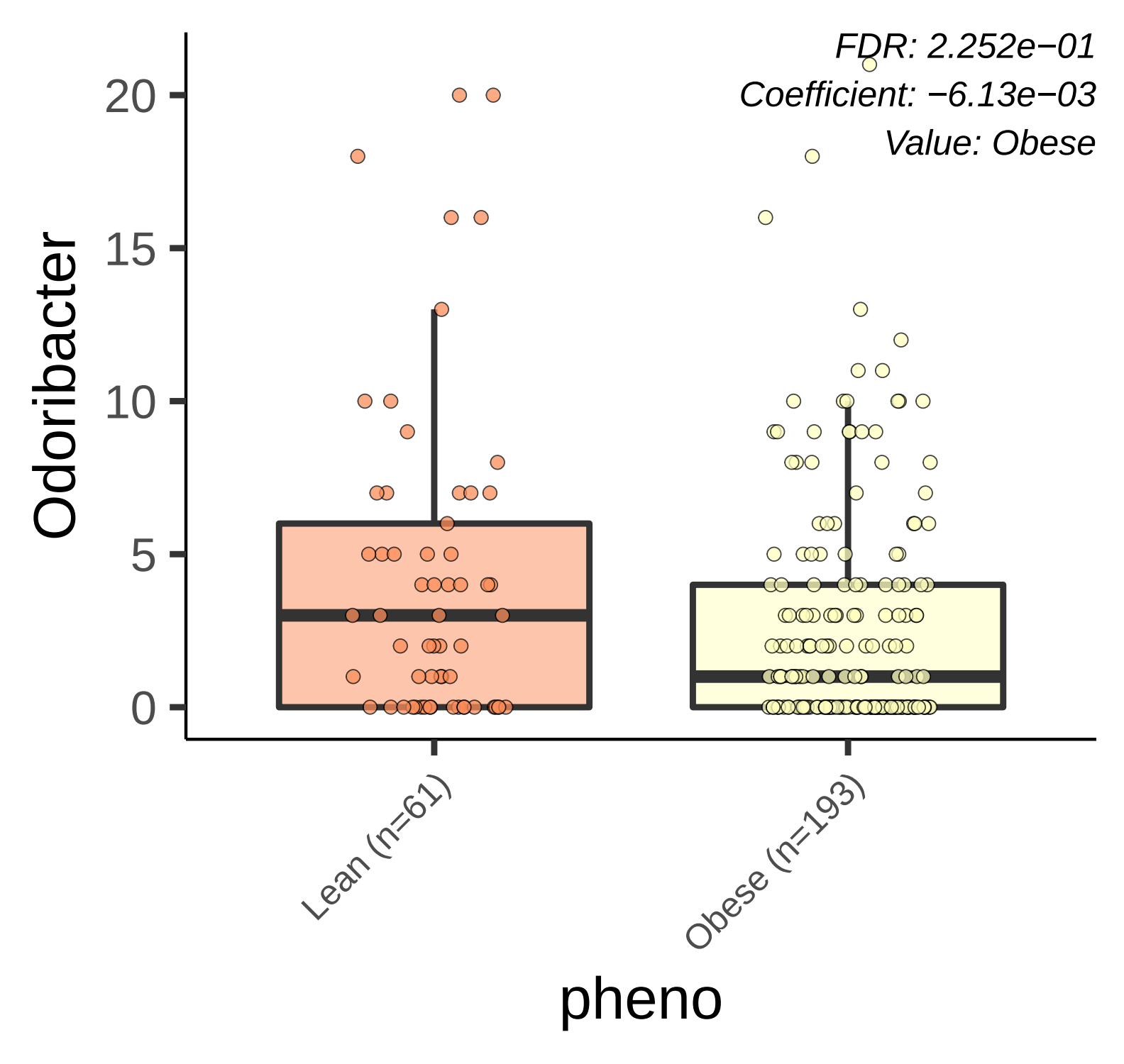

FDR: 1.442e−01
Coefficient: 3.58e−02
Value: Obese
Prevotella
1500
1000
500
0
Lean (n=61)
Obese (n=193)
pheno

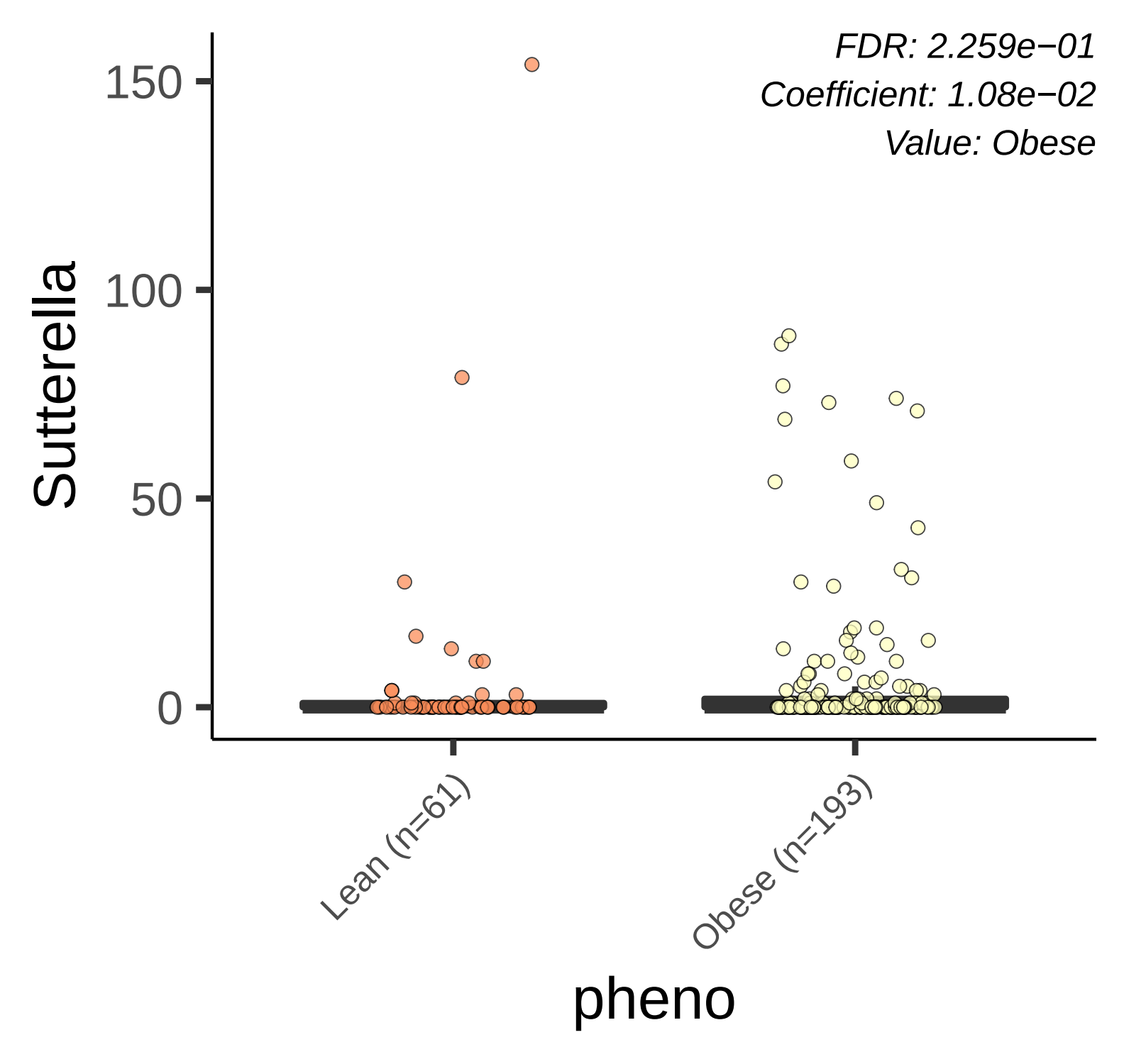

FDR: 1.442e−01
Coefficient: 1.72e−02
Value: Obese
Streptococcus
400
300
200
100
0
Lean (n=61)
Obese (n=193)
pheno


FDR: 1.445e−01
Coefficient: −4.21e−03
Value: Obese
Asaccharobacter
30
20
10
0
Lean (n=61)
Obese (n=193)
pheno


FDR: 2.090e−01
Coefficient: 9.01e−03
Value: Obese
Paraprevotella
250
200
150
100
50
0
Lean (n=61)
Obese (n=193)
pheno


FDR: 2.206e−01
Coefficient: 4.83e−03
Value: Obese
Sporobacter
30
20
10
0
Lean (n=61)
Obese (n=193)
pheno


FDR: 2.252e−01
Coefficient: −6.13e−03
Value: Obese
Odoribacter
20
15
10
5
0
Lean (n=61)
Obese (n=193)
pheno


FDR: 2.259e−01
Coefficient: 1.08e−02
Value: Obese
Sutterella
150
100
50
0
Lean (n=61)
Obese (n=193)
pheno