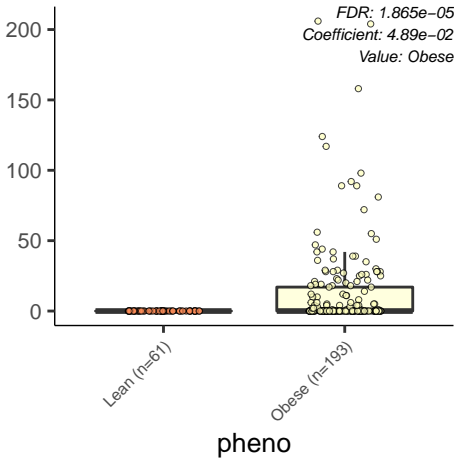
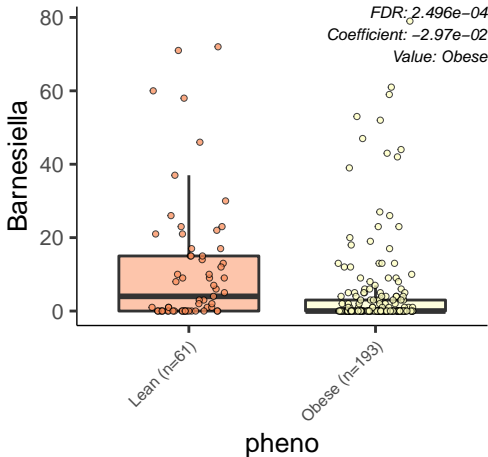


Megasphaera





Parabacteroides

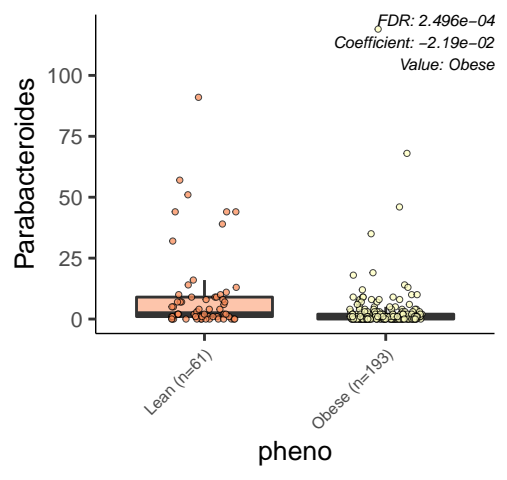
100  
75  
50  
25  
0

Lean (n=61)

Obese (n=193)

pheno

FDR: 2.496e-04  
Coefficient: -2.19e-02  
Value: Obese



Phascolarctobacterium

*FDR: 2.496e-04*

*Coefficient: -3.25e-02*

*Value: Obese*

100

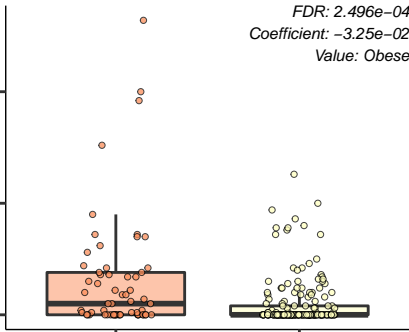
50

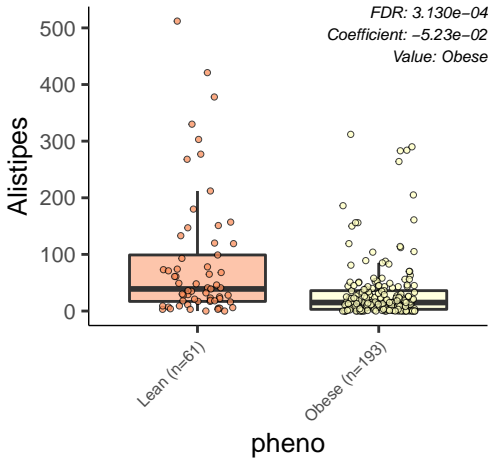
0

Lean (n=61)

Obese (n=193)

pheno





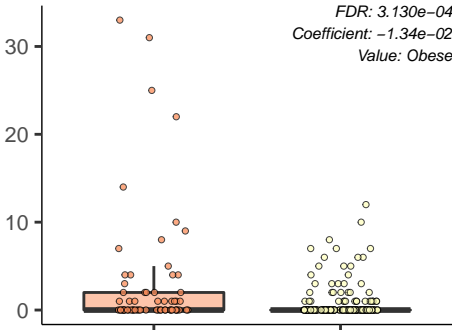
Desulfovibrio

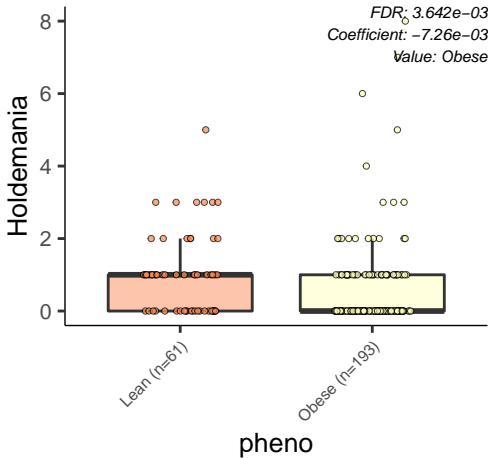
FDR:  $3.130e-04$   
Coefficient:  $-1.34e-02$   
Value: Obese

Lean (n=61)

Obese (n=193)

pheno





Acidaminococcus

FDR:  $7.442e-03$   
Coefficient:  $1.62e-02$   
Value: Obese

40

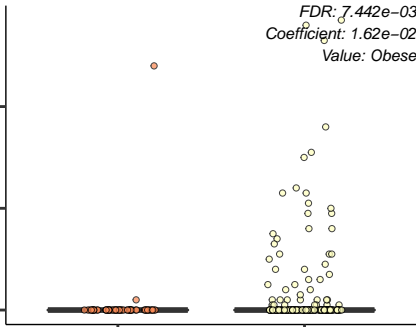
20

0

Lean (n=61)

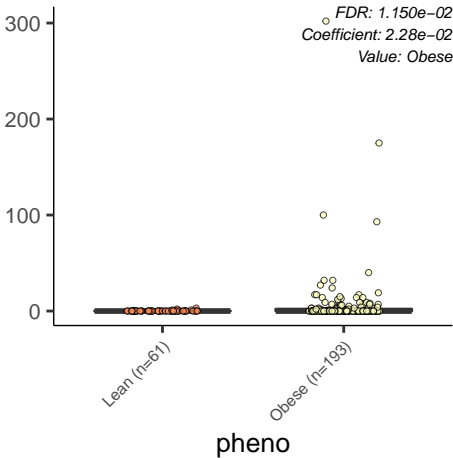
Obese (n=193)

pheno





Lactobacillus



Oscillibacter

*FDR: 1.150e-02*

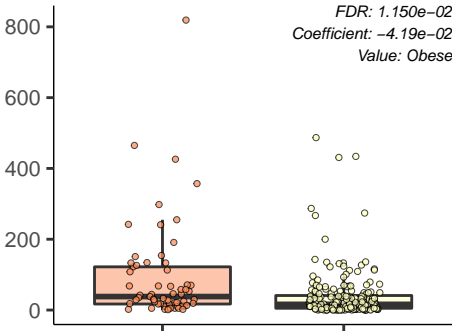
*Coefficient: -4.19e-02*

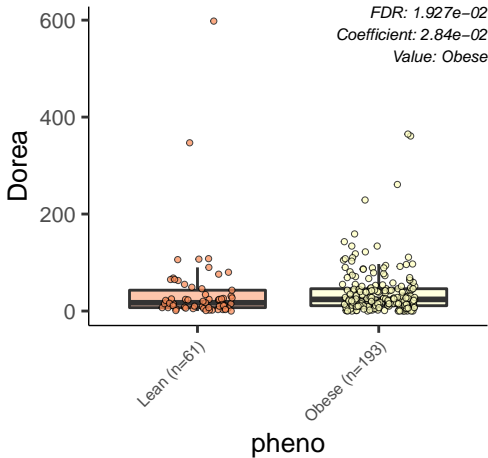
*Value: Obese*

Lean (n=61)

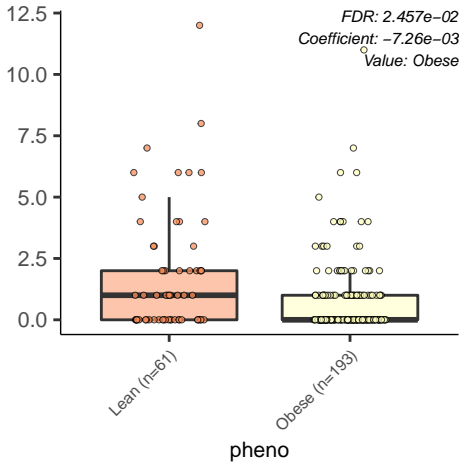
Obese (n=193)

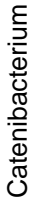
pheno





Acetanaerobacterium





FDR: 2.916e-02

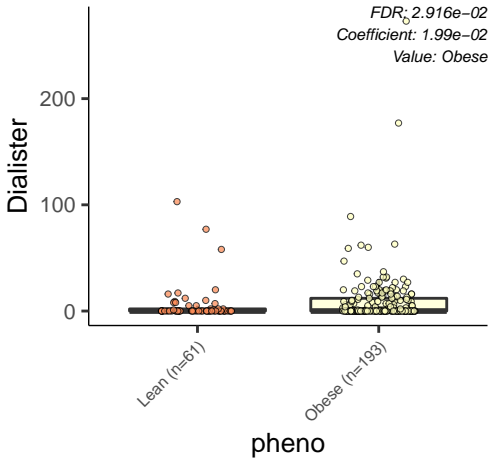
Coefficient:  $4.26e-02$

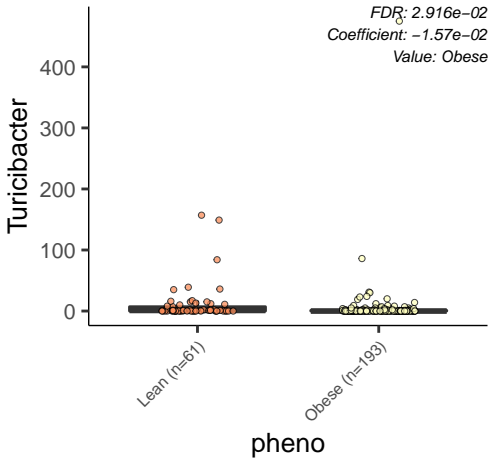
Value: Obese

Lean (n=61)

Obese (n=193)

pheno





Veillonella

*FDR: 3.730e-02*  
*Coefficient: 8.59e-03*  
*Value: Obese*

75

50

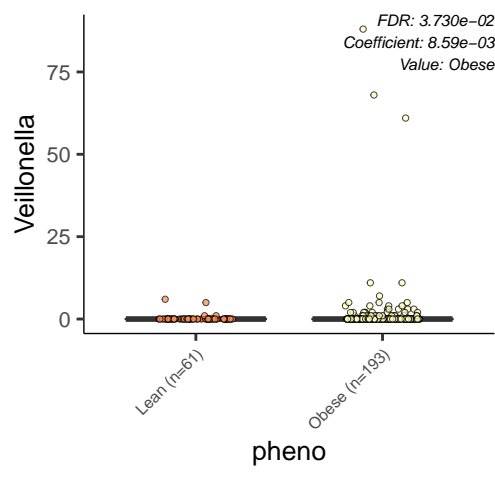
25

0

Lean (n=61)

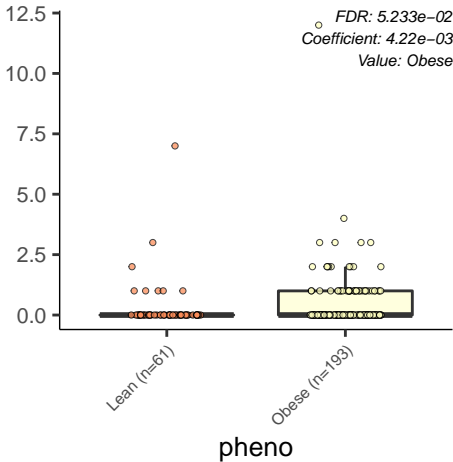
Obese (n=193)

pheno





Bifidobacterium



Coprobacillus

*FDR: 5.659e-02*  
*Coefficient: -3.20e-02*  
*Value: Obese*

900

600

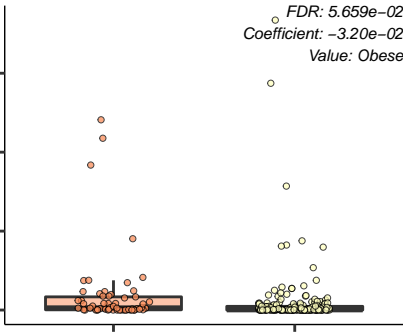
300

0

Lean (n=61)

Obese (n=193)

pheno



Clostridium

150

100

50

0

Lean (n=61)

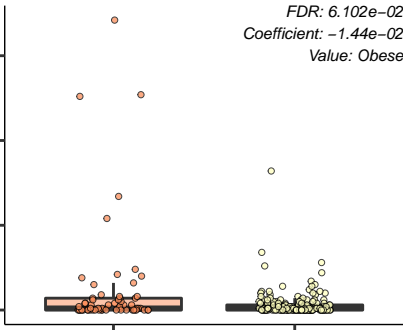
Obese (n=193)

pheno

FDR:  $6.102e-02$

Coefficient:  $-1.44e-02$

Value: Obese



Eggerthella

*FDR: 7.595e-02*

*Coefficient: -8.08e-03*

*Value: Obese*

60

40

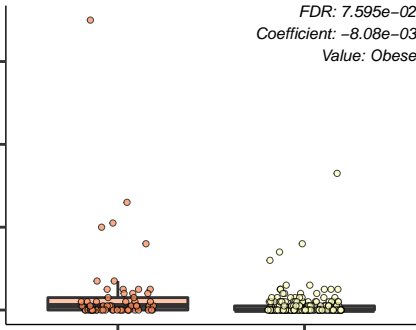
20

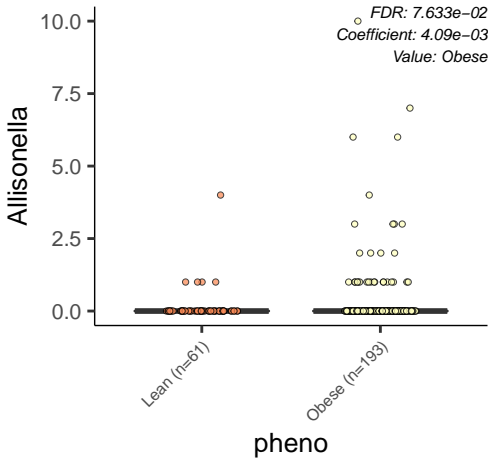
0

Lean (n=61)

Obese (n=193)

pheno





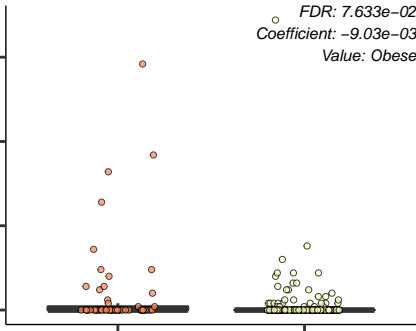
Lachnobacterium

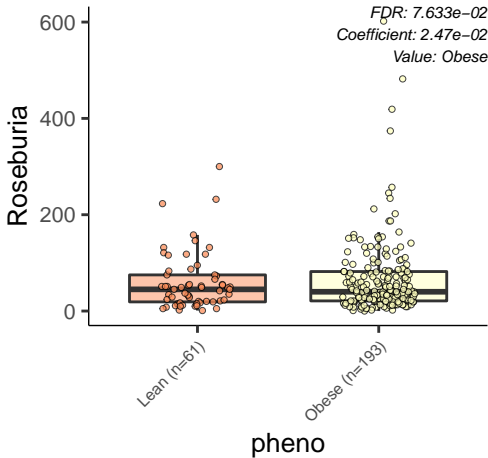
FDR:  $7.633e-02$   
Coefficient:  $-9.03e-03$   
Value: Obese

Lean (n=61)

Obese (n=193)

pheno





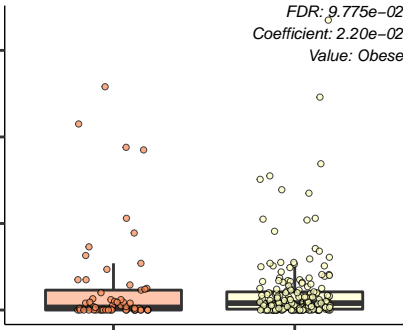
Collinsella

FDR:  $9.775e-02$   
Coefficient:  $2.20e-02$   
Value: Obese

Lean (n=61)

Obese (n=193)

pheno





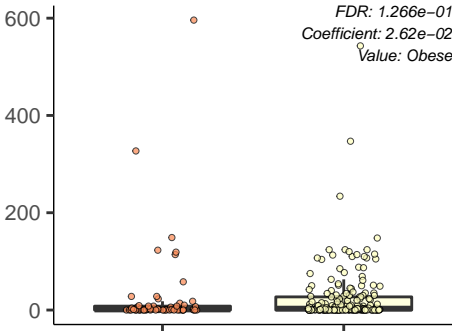
Eubacterium

FDR: 1.266e-01  
Coefficient: 2.62e-02  
Value: Obese

Lean (n=61)

Obese (n=193)

pheno



Lactonifactor

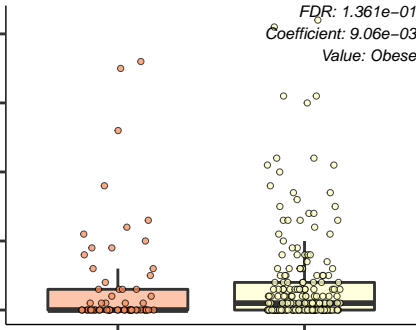
40  
30  
20  
10  
0

Lean (n=61)

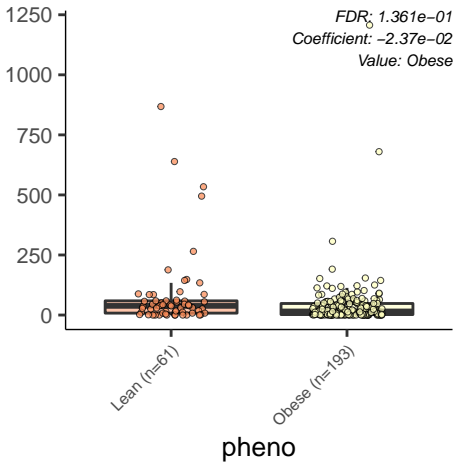
Obese (n=193)

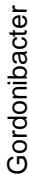
pheno

FDR: 1.361e-01  
Coefficient: 9.06e-03  
Value: Obese



Ruminococcus





FDR: 1.442e-01

Coefficient:  $-2.32e-03$

Value: Obese

Lean (n=61)

Obese (n=193)

pheno

Prevotella

1500

1000

500

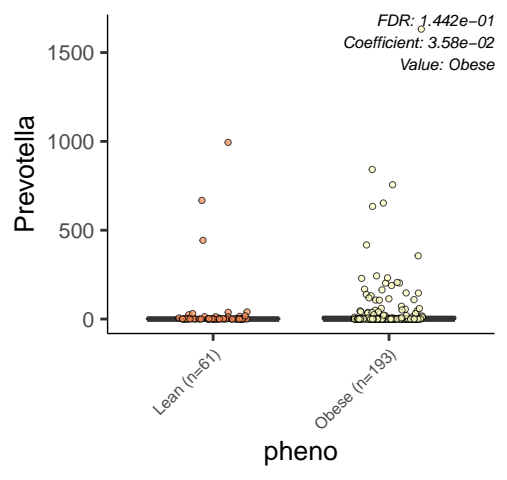
0

Lean (n=61)

Obese (n=193)

pheno

FDR:  $1.442e-01$   
Coefficient:  $3.58e-02$   
Value: Obese



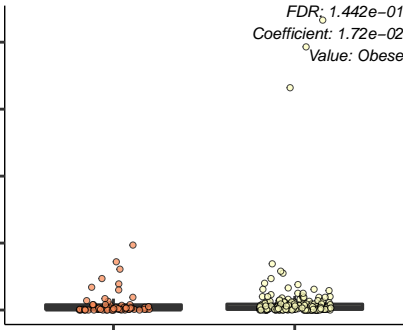
Streptococcus

FDR: 1.442e-01  
Coefficient: 1.72e-02  
Value: Obese

Lean (n=61)

Obese (n=193)

pheno





*FDR: 1.445e-01*

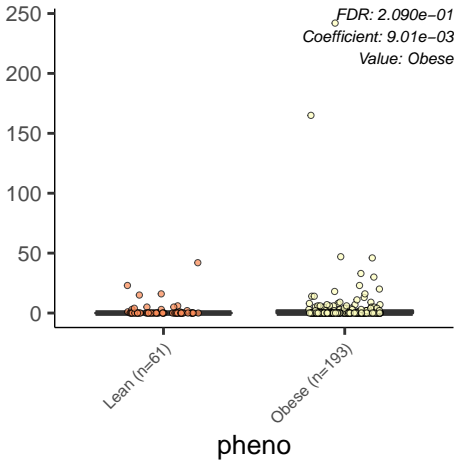
Coefficient:  $-4.21e-03$

Value: Obese

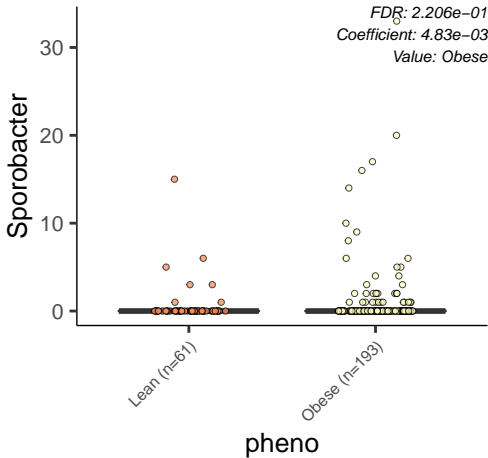


pheno

Paraprevotella







Odoribacter

