

s\_\_Streptococcus\_salivarius

FDR: 4.523e-03  
Coefficient: 2.40e-02  
Value: Yes

0.15

0.10

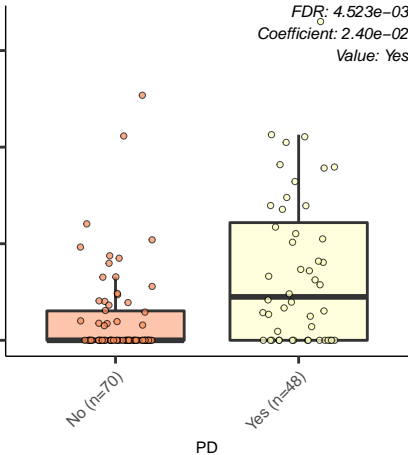
0.05

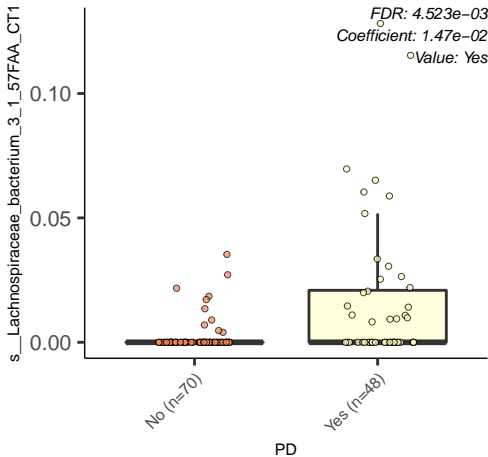
0.00

No (n=70)

Yes (n=48)

PD





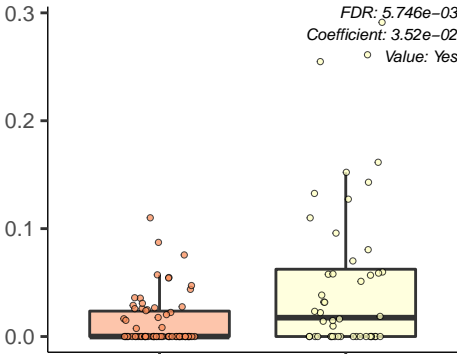
s\_Bifidobacterium\_longum

FDR:  $5.746e-03$   
Coefficient:  $3.52e-02$   
Value: Yes

No (n=70)

Yes (n=48)

PD



s\_Eggerthella\_unclassified

FDR: 2.595e-02  
Coefficient: 1.18e-02  
Value: Yes

0.100

0.075

0.050

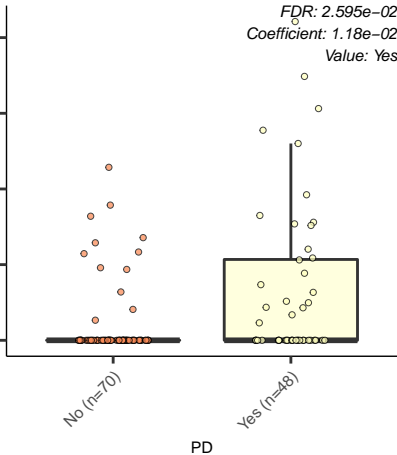
0.025

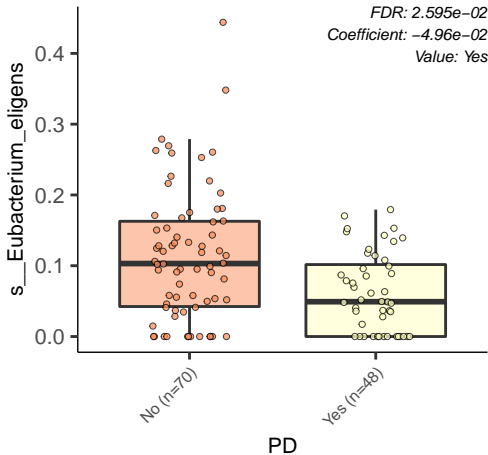
0.000

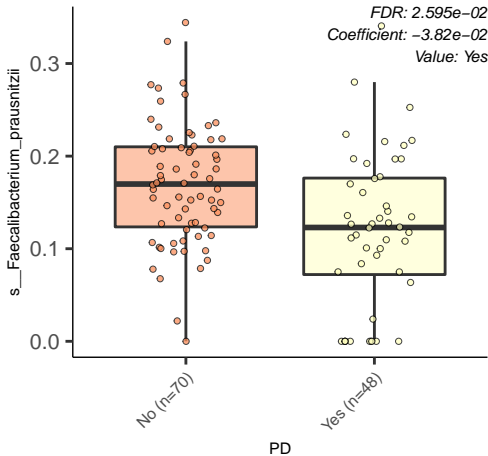
No (n=70)

Yes (n=48)

PD







s\_Bifidobacterium\_adolescentis

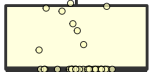
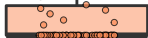
FDR: 3.910e-02  
Coefficient: 3.22e-02  
Value: Yes

0.4  
0.3  
0.2  
0.1  
0.0

No (n=70)

Yes (n=48)

PD



s\_Streptococcus\_parasanguinis

FDR: 3.910e-02  
Coefficient: 1.40e-02  
Value: Yes

0.10

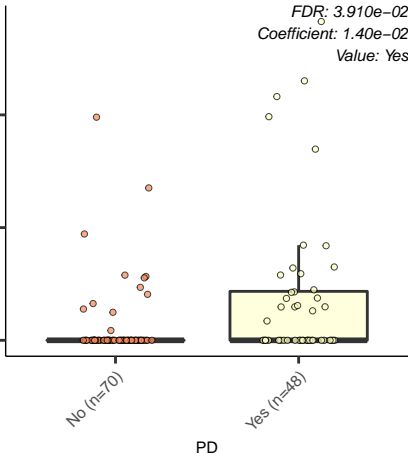
0.05

0.00

No (n=70)

Yes (n=48)

PD





s\_\_Eubacterium\_rectale

FDR: 3.910e-02  
Coefficient: -5.60e-02  
Value: Yes

0.4

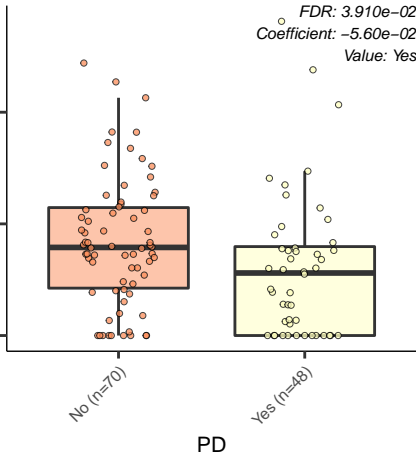
0.2

0.0

No (n=70)

Yes (n=48)

PD



s\_Escherichia\_unclassified

FDR: 3.910e-02  
Coefficient: 1.02e-02  
Value: Yes

0.09

0.06

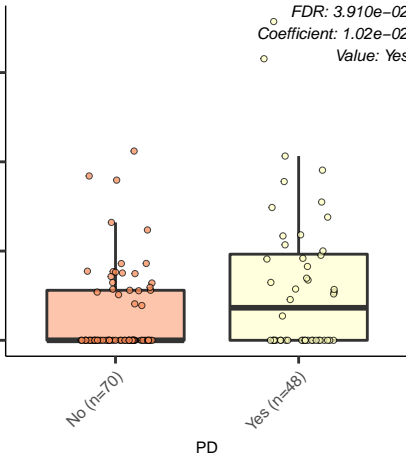
0.03

0.00

No (n=70)

Yes (n=48)

PD



s\_Clostridium\_bolteae

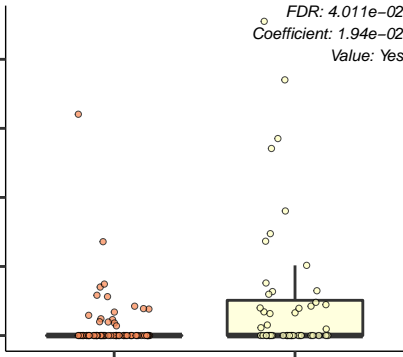
FDR: 4.011e-02  
Coefficient: 1.94e-02  
Value: Yes

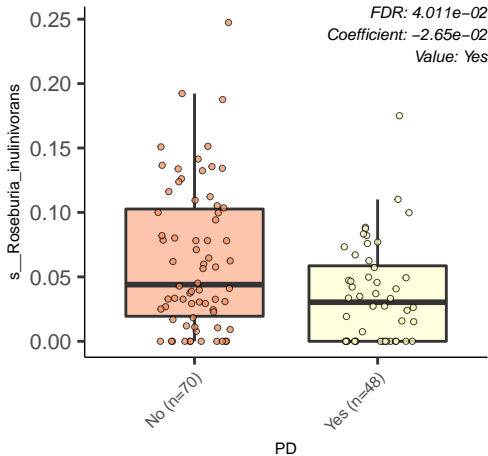
0.20  
0.15  
0.10  
0.05  
0.00

No (n=70)

Yes (n=48)

PD





s\_Escherichia\_coli

FDR: 4.011e-02  
Coefficient: 3.01e-02  
Value: Yes

0.4

0.3

0.2

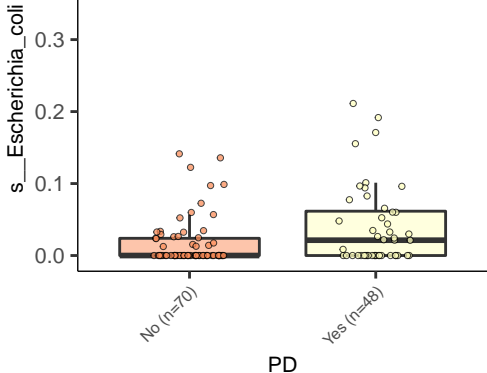
0.1

0.0

No (n=70)

Yes (n=48)

PD



s\_Adlercreutzia\_equlifaciens

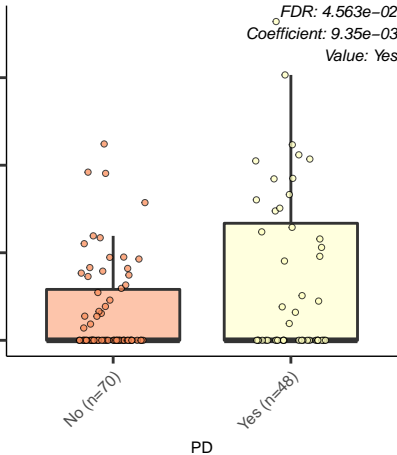
FDR: 4.563e-02  
Coefficient: 9.35e-03  
Value: Yes

0.075  
0.050  
0.025  
0.000

No (n=70)

Yes (n=48)

PD



s\_\_Bacteroides\_massiliensis

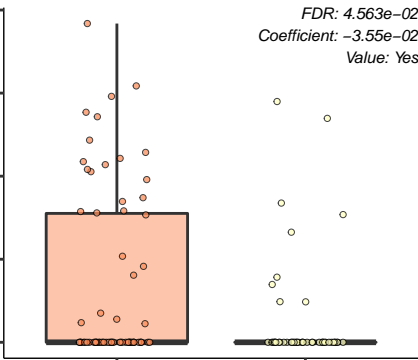
0.4  
0.3  
0.2  
0.1  
0.0

No (n=70)

Yes (n=48)

PD

*FDR: 4.563e-02*  
*Coefficient: -3.55e-02*  
*Value: Yes*



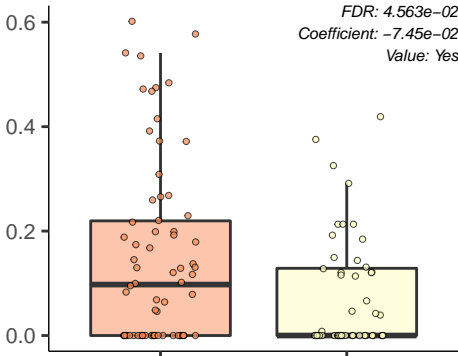
s\_Bacteroides\_stercoris

FDR: 4.563e-02  
Coefficient: -7.45e-02  
Value: Yes

No (n=70)

Yes (n=48)

PD





s\_\_Akkermansia\_muciniphila

0.6

0.4

0.2

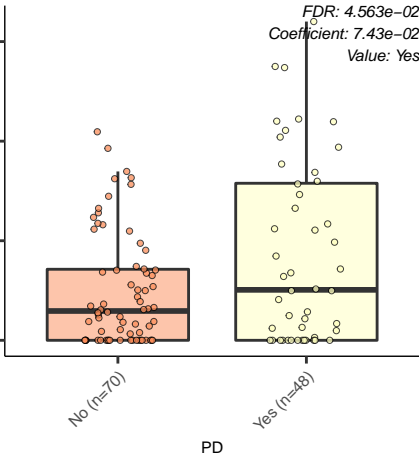
0.0

No (n=70)

Yes (n=48)

PD

FDR:  $4.563e-02$   
Coefficient:  $7.43e-02$   
Value: Yes



s\_\_Odoribacter\_splanchnicus

0.2

0.1

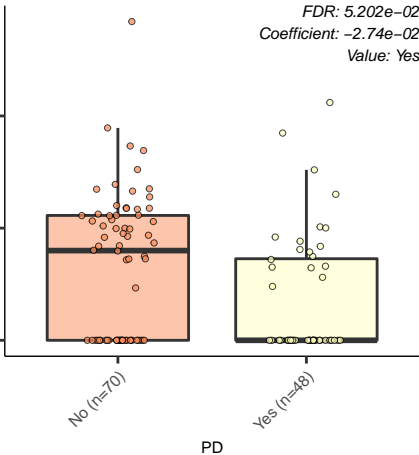
0.0

No (n=70)

Yes (n=48)

PD

FDR: 5.202e-02  
Coefficient: -2.74e-02  
Value: Yes



s\_\_Coprobacillus\_unclassified

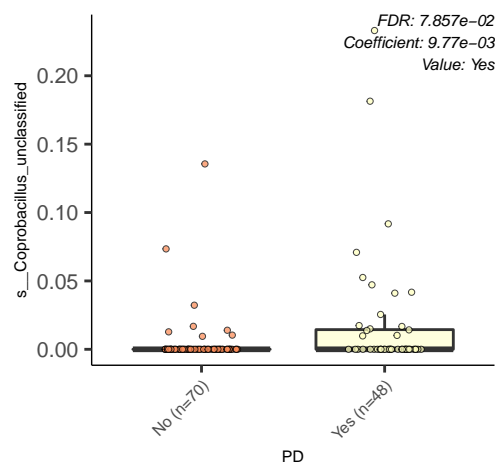
FDR: 7.857e-02  
Coefficient: 9.77e-03  
Value: Yes

0.20  
0.15  
0.10  
0.05  
0.00

No (n=70)

Yes (n=48)

PD



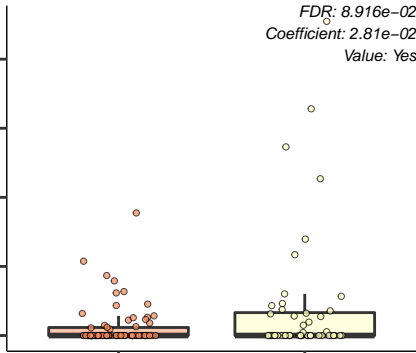
s\_Ruminococcus\_gnavus

FDR:  $8.916e-02$   
Coefficient:  $2.81e-02$   
Value: Yes

No (n=70)

Yes (n=48)

PD



s\_\_Collinsella\_aerofaciens

FDR: 9.049e-02

Coefficient: 1.98e-02

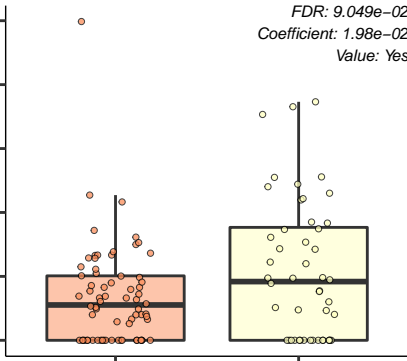
Value: Yes

0.25  
0.20  
0.15  
0.10  
0.05  
0.00

No (n=70)

Yes (n=48)

PD



s\_\_Methanobrevibacter\_smithii

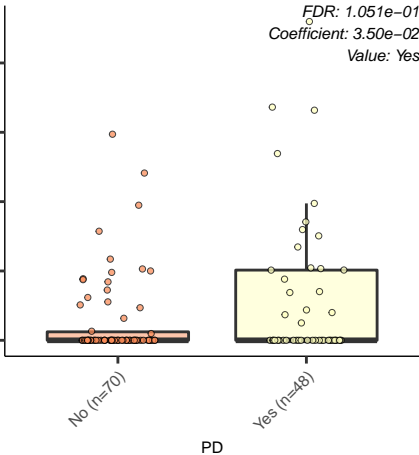
FDR: 1.051e-01  
Coefficient: 3.50e-02  
Value: Yes

0.4  
0.3  
0.2  
0.1  
0.0

No (n=70)

Yes (n=48)

PD



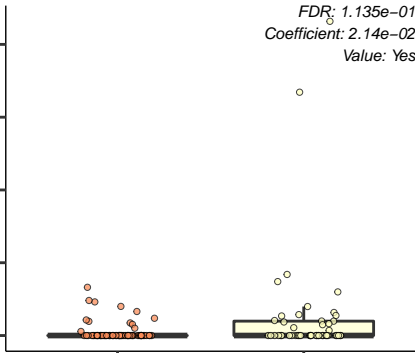
s\_Veillonella\_parvula

FDR: 1.135e-01  
Coefficient: 2.14e-02  
Value: Yes

No (n=70)

Yes (n=48)

PD



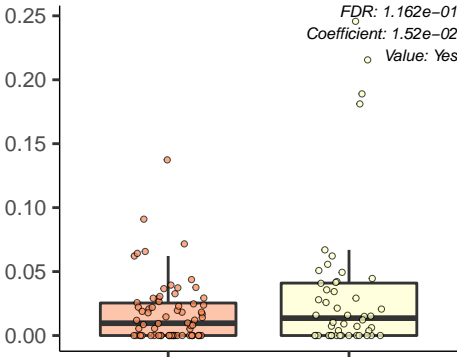
s\_Anaerostipes\_hadrus

FDR: 1.162e-01  
Coefficient: 1.52e-02  
Value: Yes

No (n=70)

Yes (n=48)

PD





s\_Bilophila\_wadsworthia

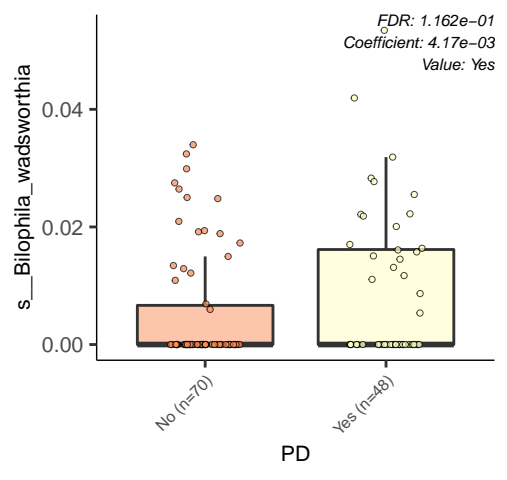
FDR: 1.162e-01  
Coefficient: 4.17e-03  
Value: Yes

0.04  
0.02  
0.00

No (n=70)

Yes (n=48)

PD



s\_Desulfovibrio\_desulfuricans

FDR: 1.181e-01  
Coefficient: 7.24e-03  
Value: Yes

0.08

0.06

0.04

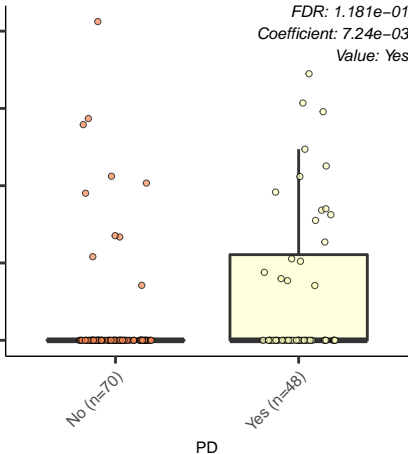
0.02

0.00

No (n=70)

Yes (n=48)

PD



s\_Flavonifactor\_plautii

FDR: 1.189e-01  
Coefficient: 4.15e-03  
Value: Yes

0.04

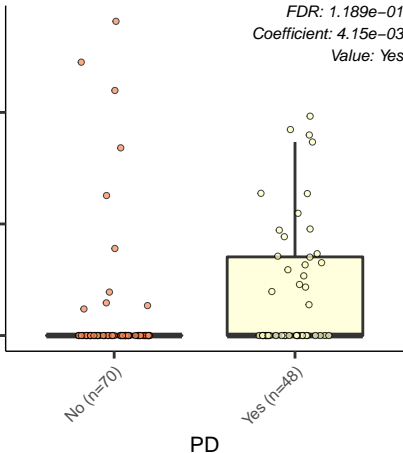
0.02

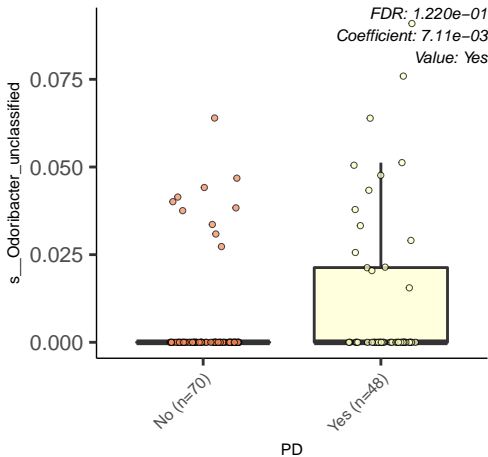
0.00

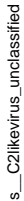
No (n=70)

Yes (n=48)

PD







FDR: 1.486e-01  
Coefficient: 7.44e-03  
Value: Yes

No (n=70)

Yes (n=48)

PD

s\_\_Anaerotruncus\_unclassified

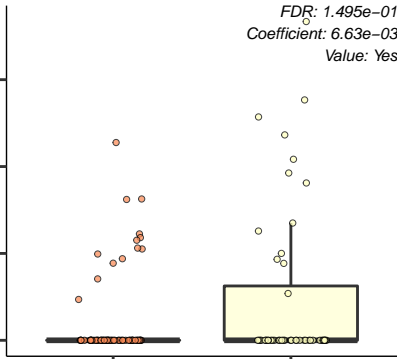
FDR: 1.495e-01  
Coefficient: 6.63e-03  
Value: Yes

0.075  
0.050  
0.025  
0.000

No (n=70)

Yes (n=48)

PD



s\_\_Oscillibacter\_unclassified

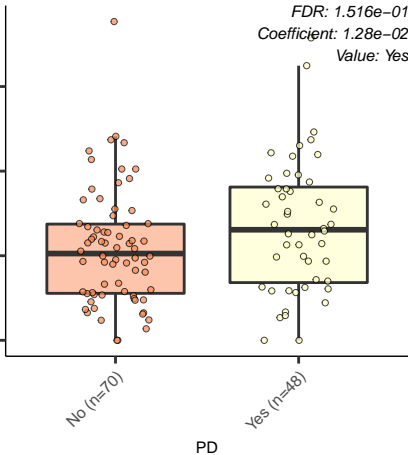
FDR: 1.516e-01  
Coefficient: 1.28e-02  
Value: Yes

0.15  
0.10  
0.05  
0.00

No (n=70)

Yes (n=48)

PD



s\_\_Veillonella\_unclassified

FDR: 1.521e-01  
Coefficient: 2.40e-02  
Value: Yes

0.6

0.4

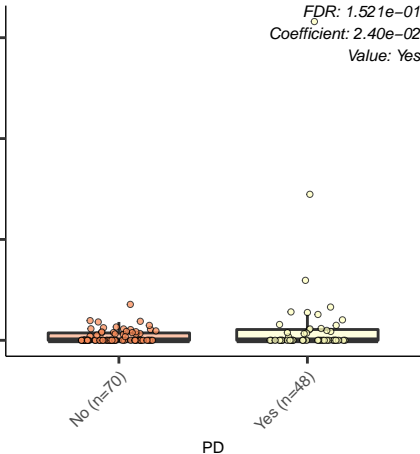
0.2

0.0

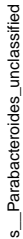
No (n=70)

Yes (n=48)

PD







0.6

0.4

0.2

0.0

No (n=70)

Yes (n=48)

PD

*FDR: 1.565e-01*

Coefficient:  $-3.79e-02$

Value: Yes

s\_Alistipes\_finegoldii

FDR: 1.565e-01  
Coefficient: 2.12e-02  
Value: Yes

No (n=70)

Yes (n=48)

PD

0.3

0.2

0.1

0.0

s\_\_Clostridium\_leptum

FDR: 1.565e-01  
Coefficient: 1.02e-02  
Value: Yes

0.15

0.10

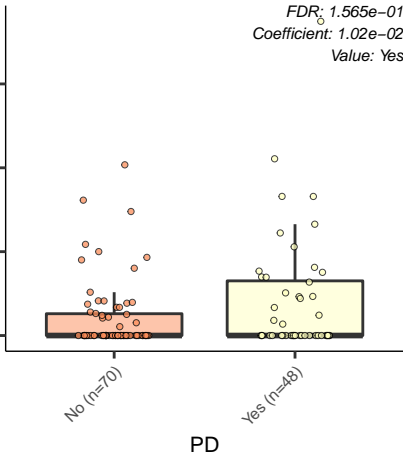
0.05

0.00

No (n=70)

Yes (n=48)

PD



s\_Eubacterium\_siraeum

FDR: 1.565e-01  
Coefficient: -5.07e-02  
Value: Yes

0.4

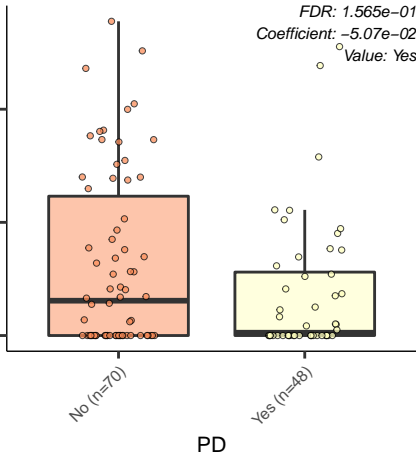
0.2

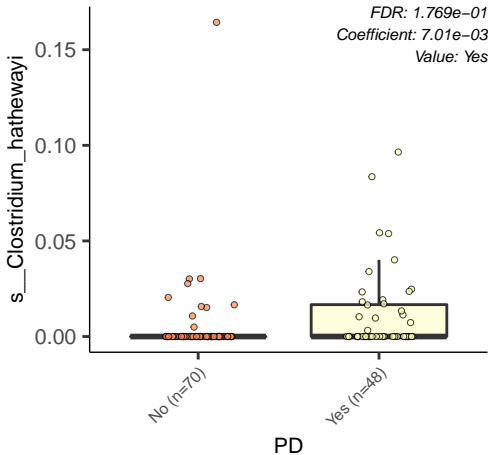
0.0

No (n=70)

Yes (n=48)

PD





s\_\_Alistipes\_underdonkii

FDR: 1.850e-01  
Coefficient: 3.73e-02  
Value: Yes

0.4

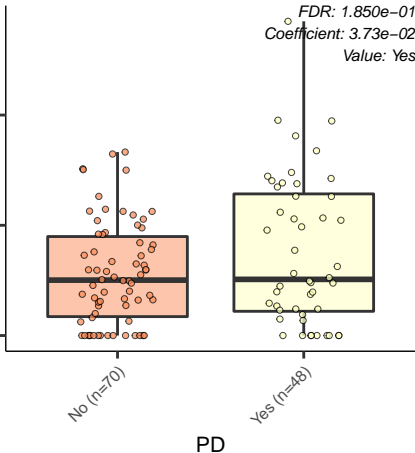
0.2

0.0

No (n=70)

Yes (n=48)

PD



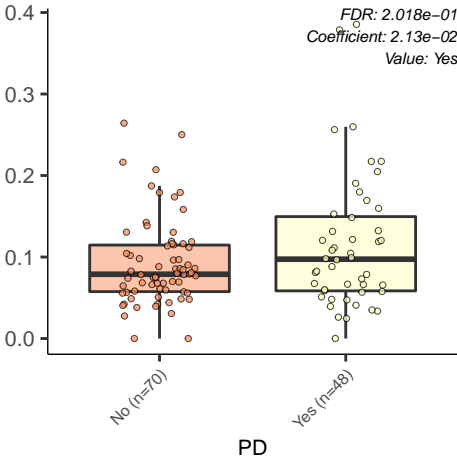
s\_\_Ruminococcus\_torques

FDR: 2.018e-01  
Coefficient: 2.13e-02  
Value: Yes

No (n=70)

Yes (n=48)

PD





*FDR: 2.053e-01*

Coefficient:  $-1.50e-02$

Value: Yes

No (n=70)

Yes (n=48)

PD



s\_Bilophila\_unclassified

0.10

0.05

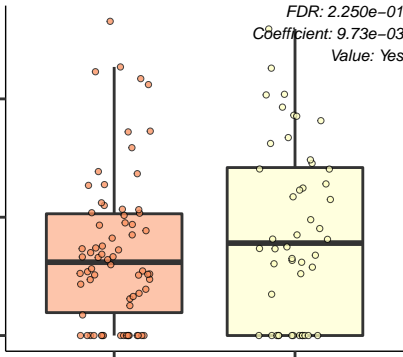
0.00

No (n=70)

Yes (n=48)

PD

FDR: 2.250e-01  
Coefficient: 9.73e-03  
Value: Yes



s\_\_Ruminococcus\_callidus

0.15  
0.10  
0.05  
0.00

*FDR: 2.310e-01*  
*Coefficient: -6.66e-03*  
*Value: Yes*

No (n=70)

Yes (n=48)

PD

