

FDR:  $2.074e-148$   
Coefficient:  $-3.50e+00$   
 $N: 1595$

Bacteroides.uniformis

0.75

0.50

0.25

0.00

0.6

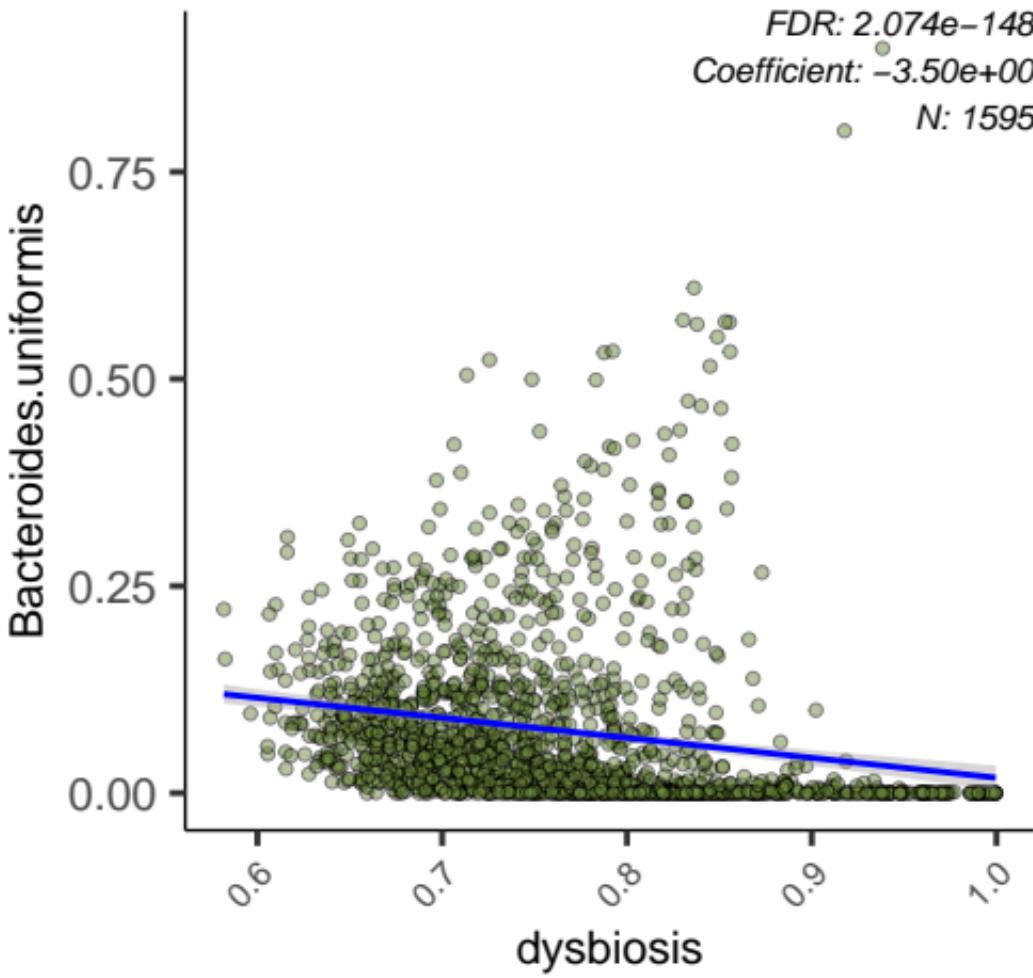
0.7

0.8

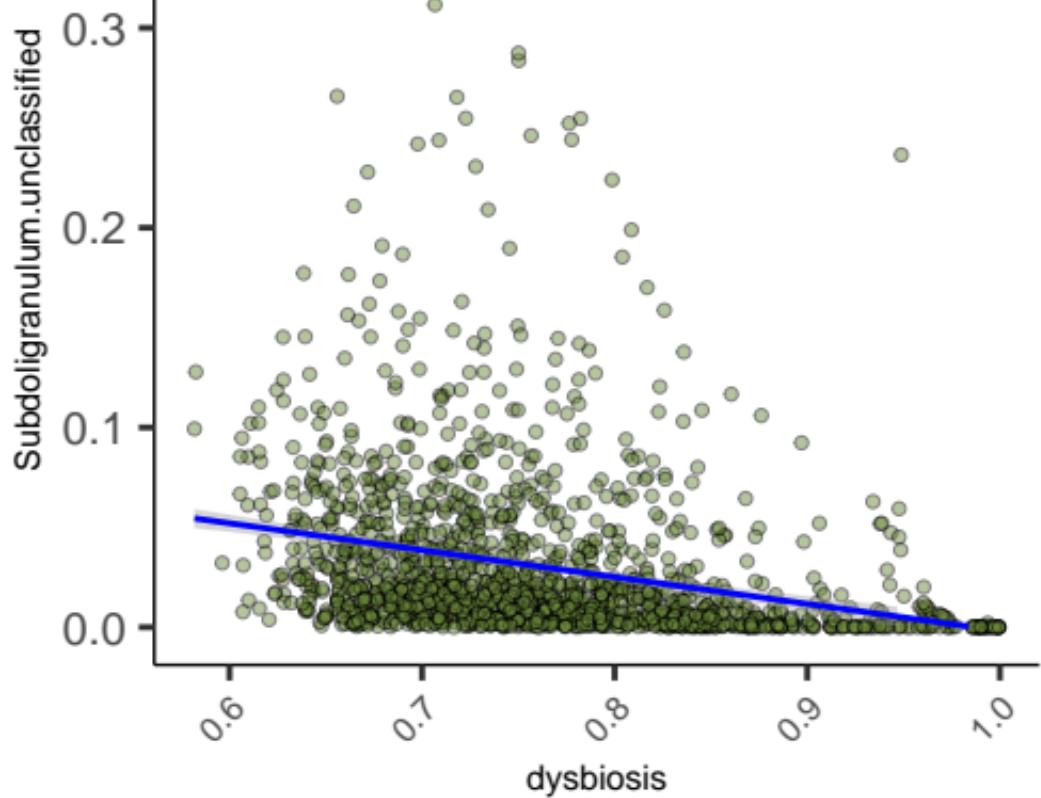
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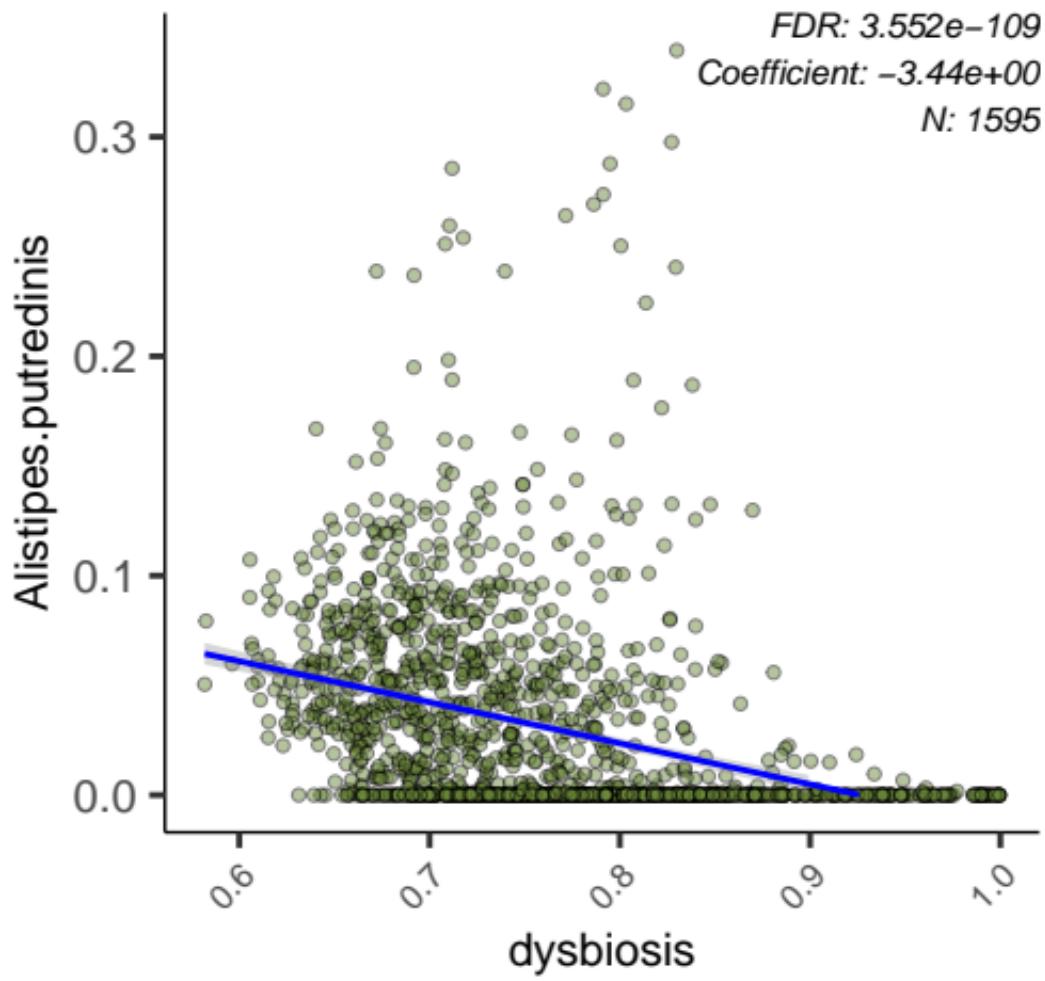
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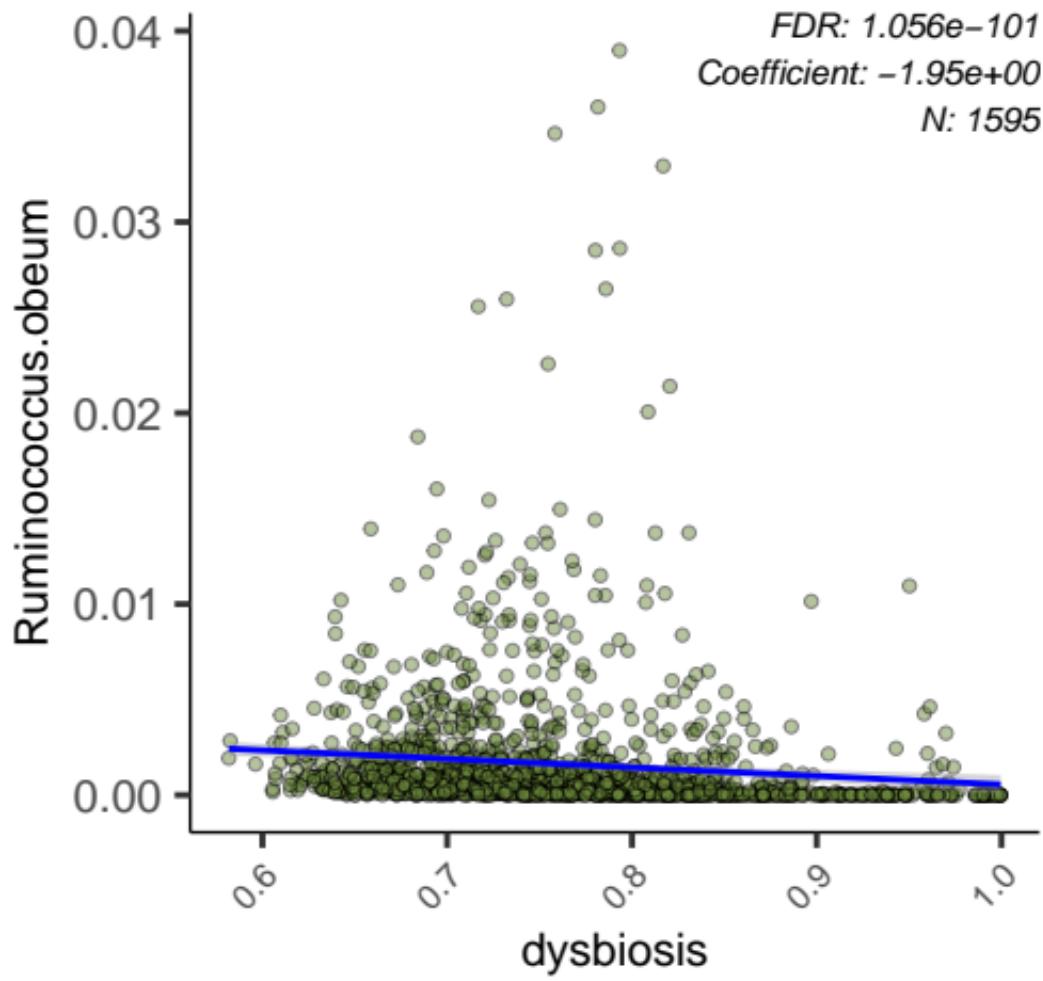
dysbiosis



FDR:  $6.057e-112$   
Coefficient:  $-1.53e+00$   
N: 1595







FDR:  $5.478e-86$   
Coefficient:  $-2.15e+00$   
 $N: 1595$

Coprococcus.comes

0.03

0.02

0.01

0.00

0.6

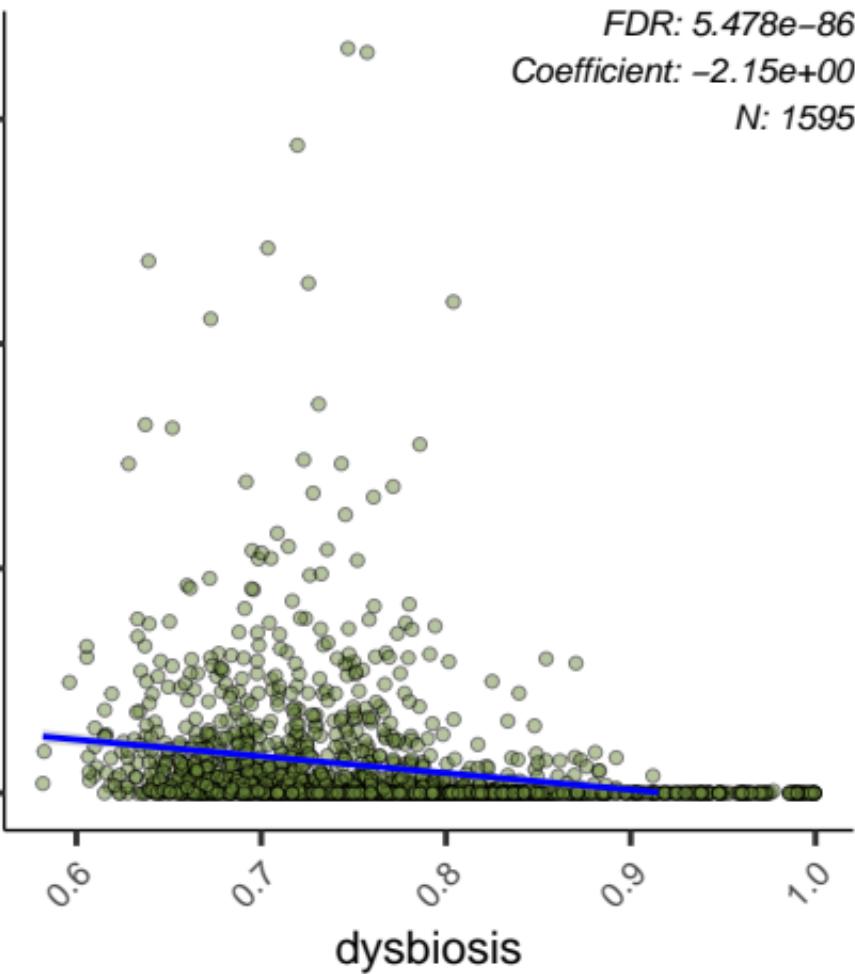
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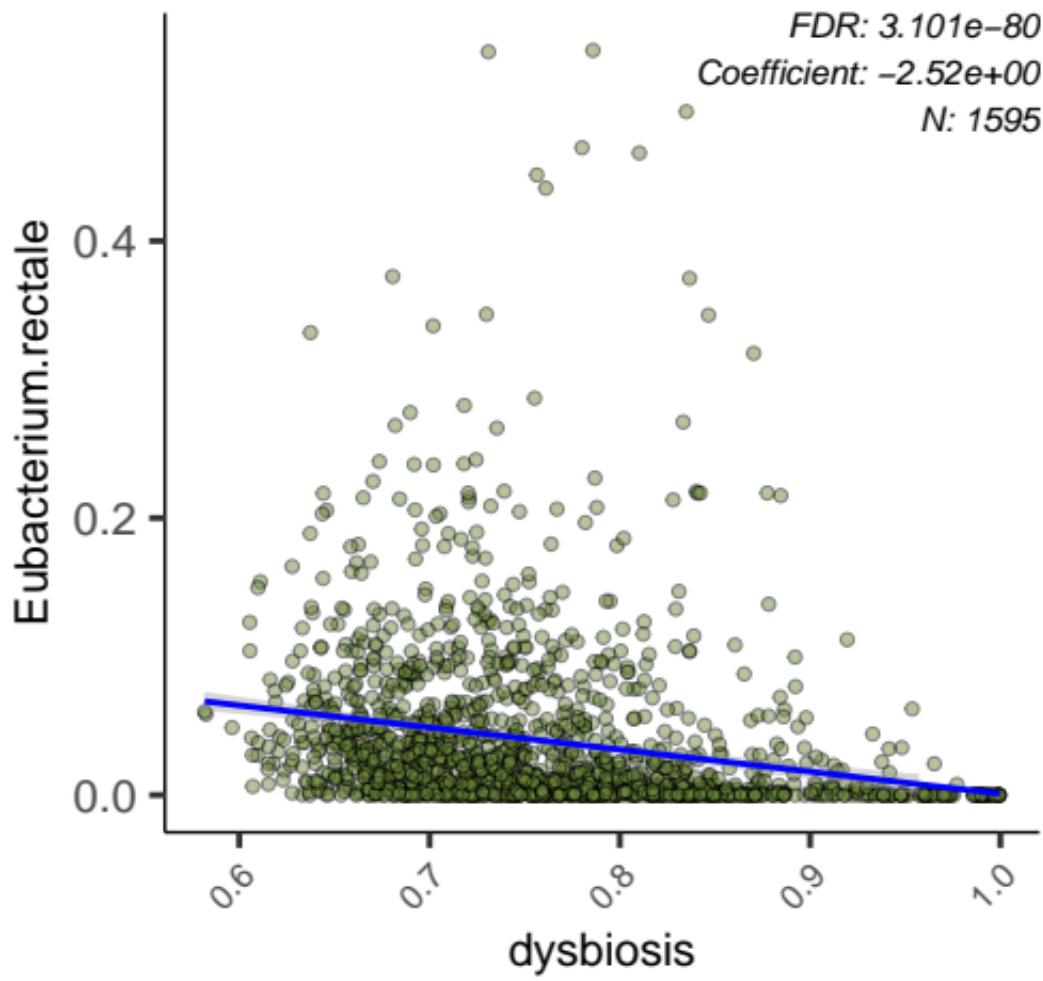
0.8

0.9

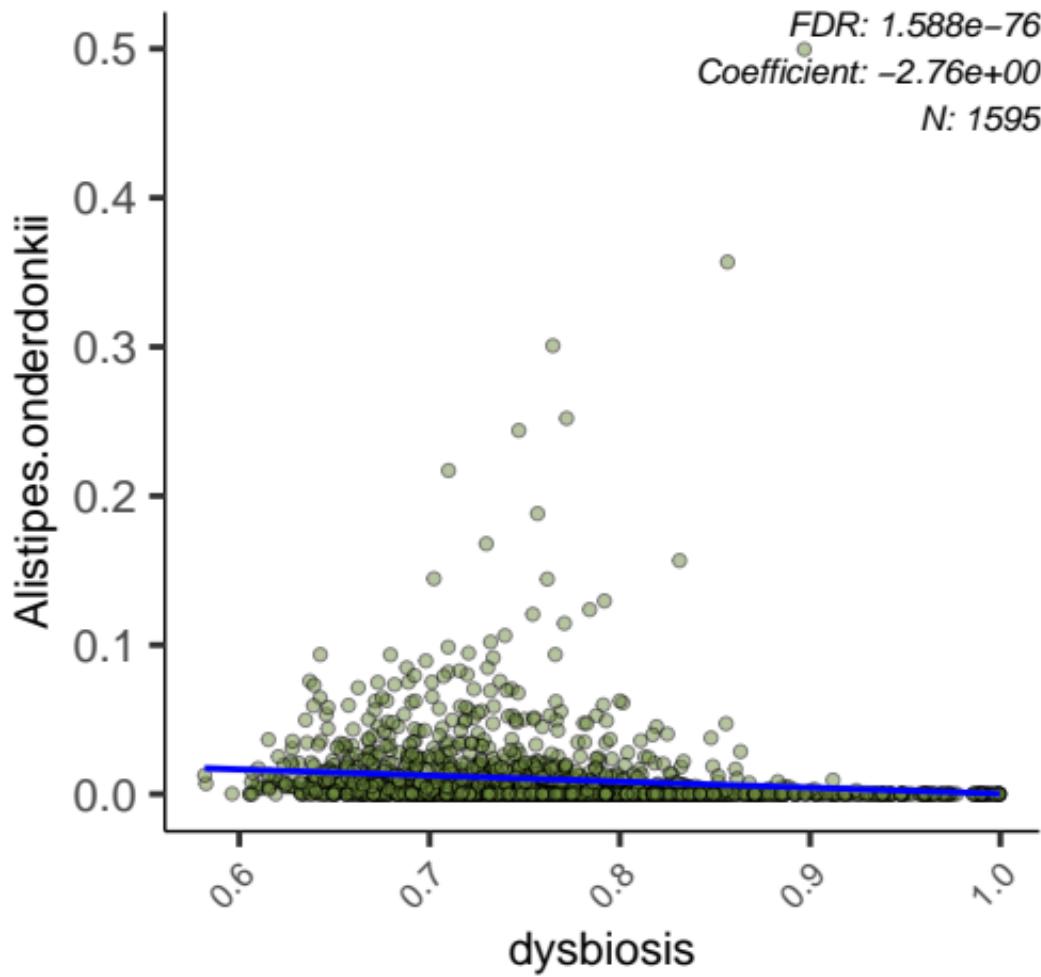
1.0

dysbiosis

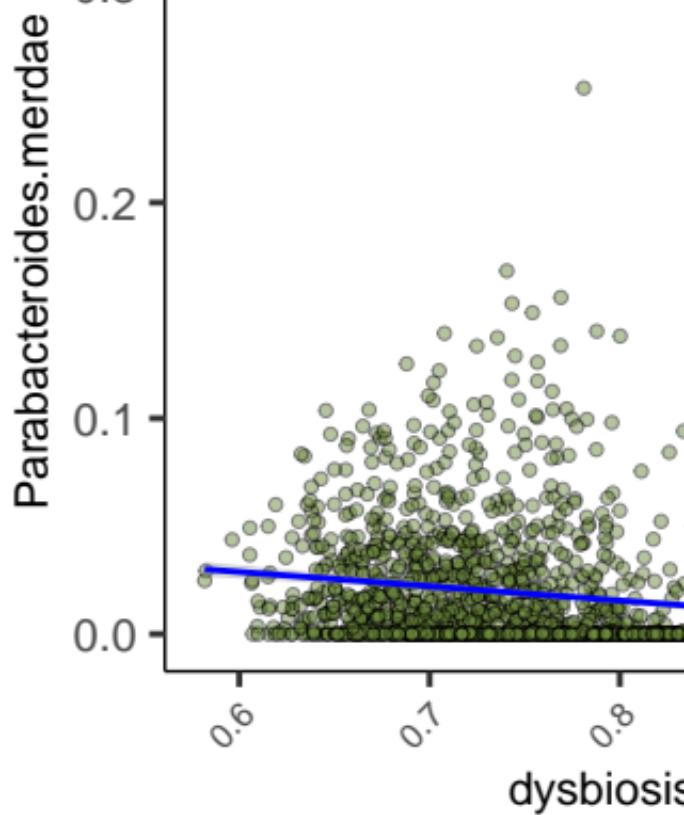




FDR: 1.588e-76  
Coefficient: -2.76e+00  
N: 1595



FDR:  $3.178e-68$   
Coefficient:  $-2.72e+00$   
 $N: 1595$



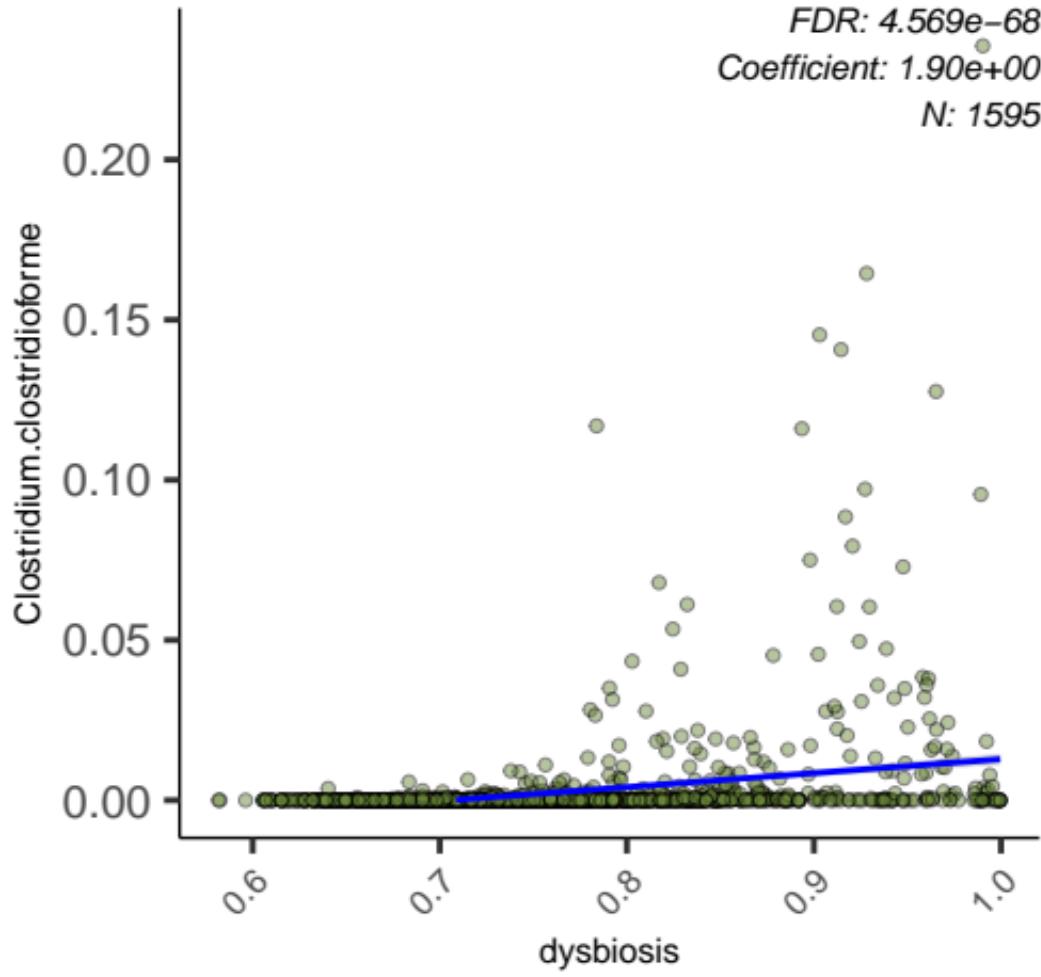
FDR:  $4.569e-68$   
Coefficient:  $1.90e+00$   
 $N: 1595$

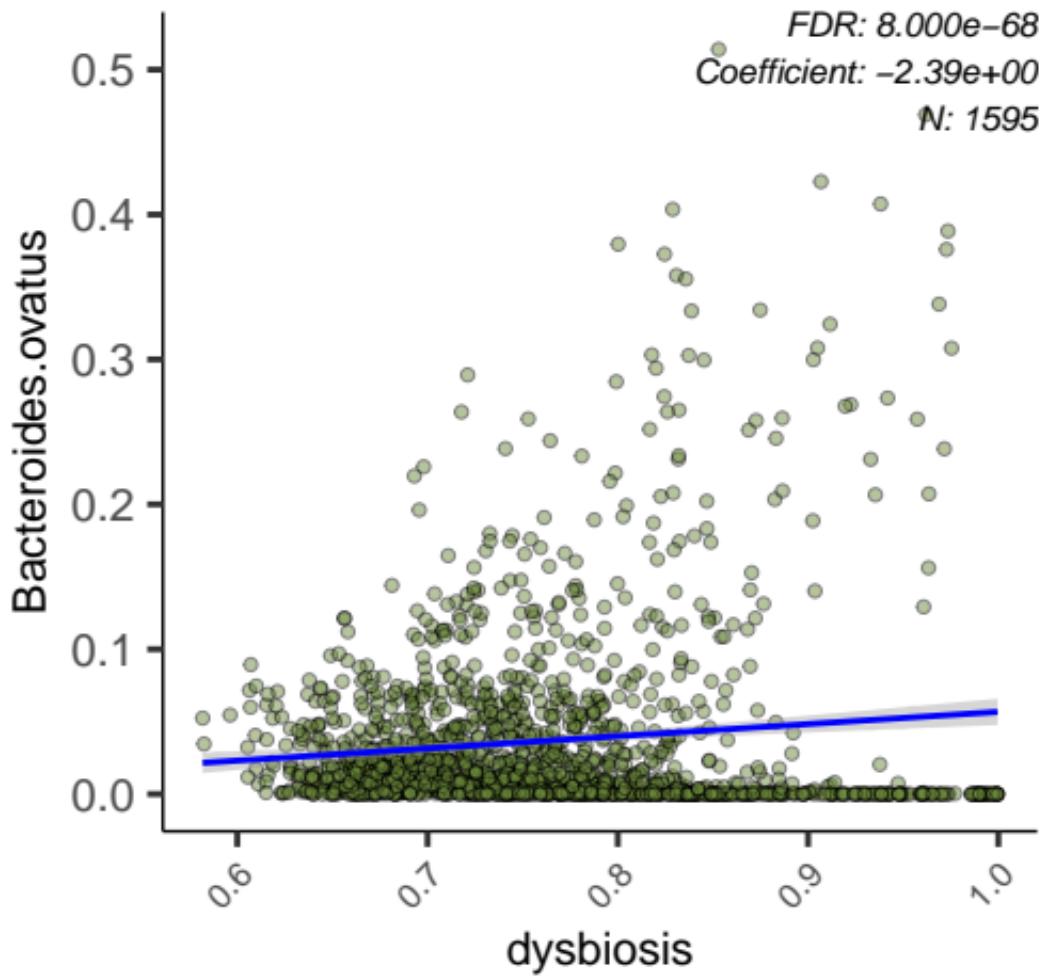
*Clostridium.clostridioforme*

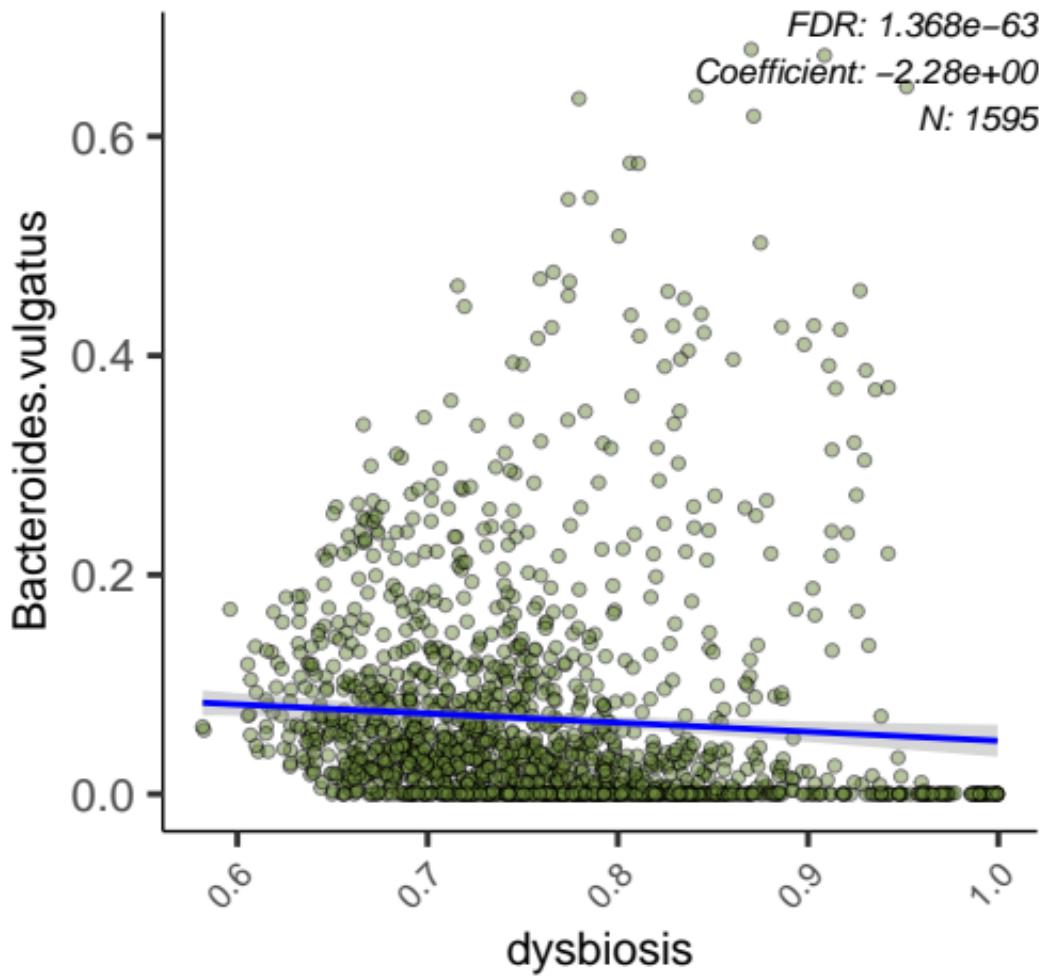
0.20  
0.15  
0.10  
0.05  
0.00

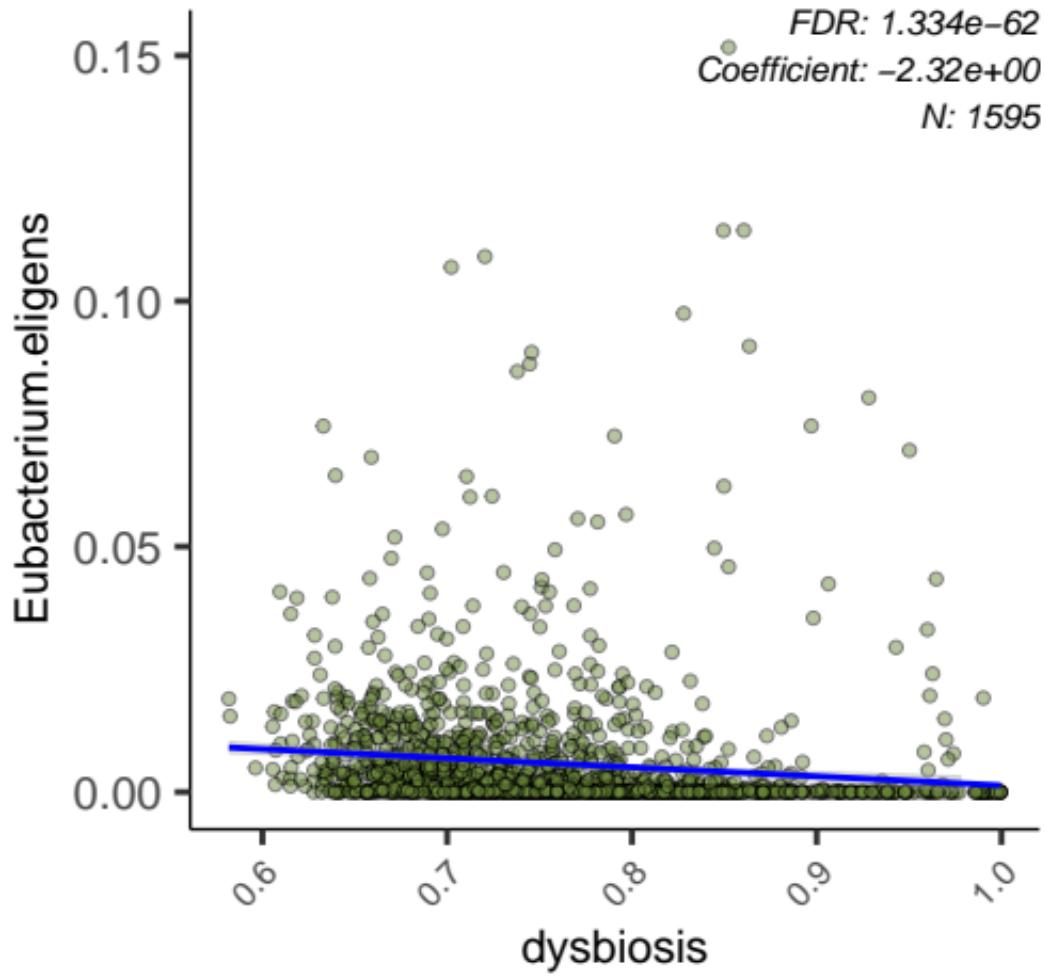
0.6 0.7 0.8 0.9 1.0

dysbiosis



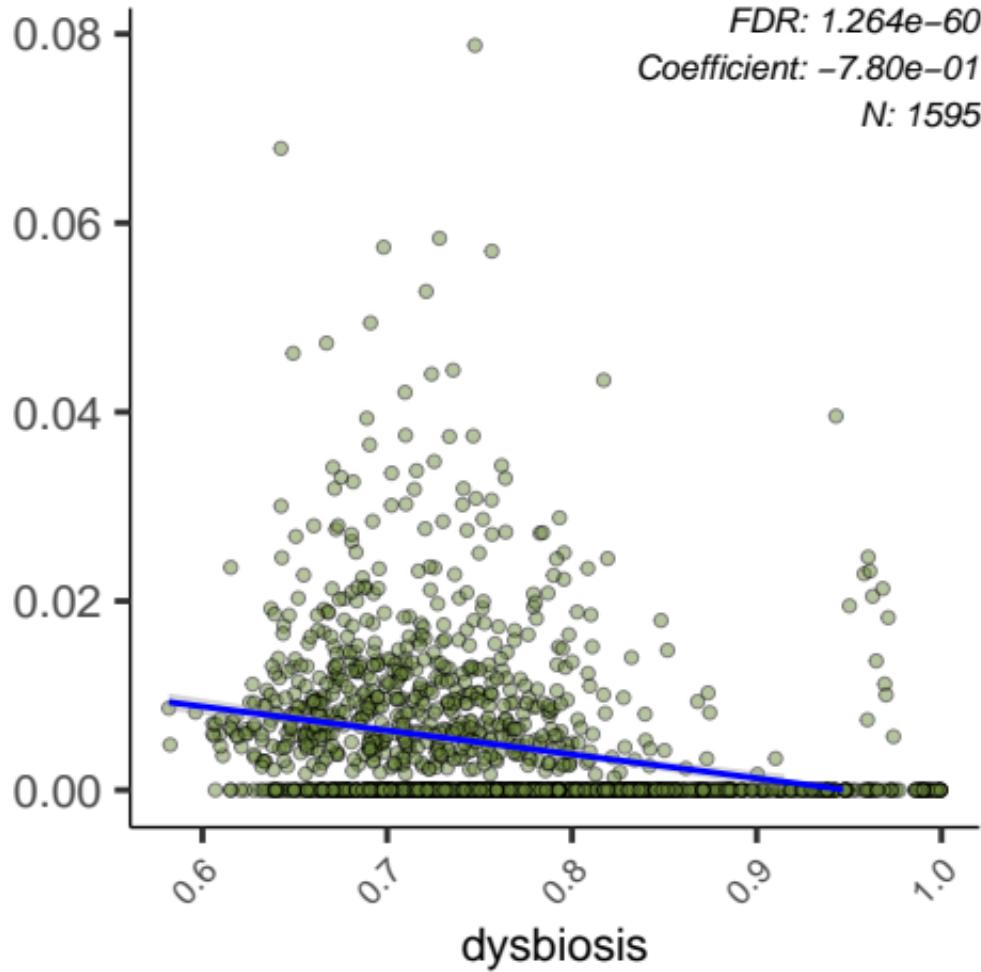




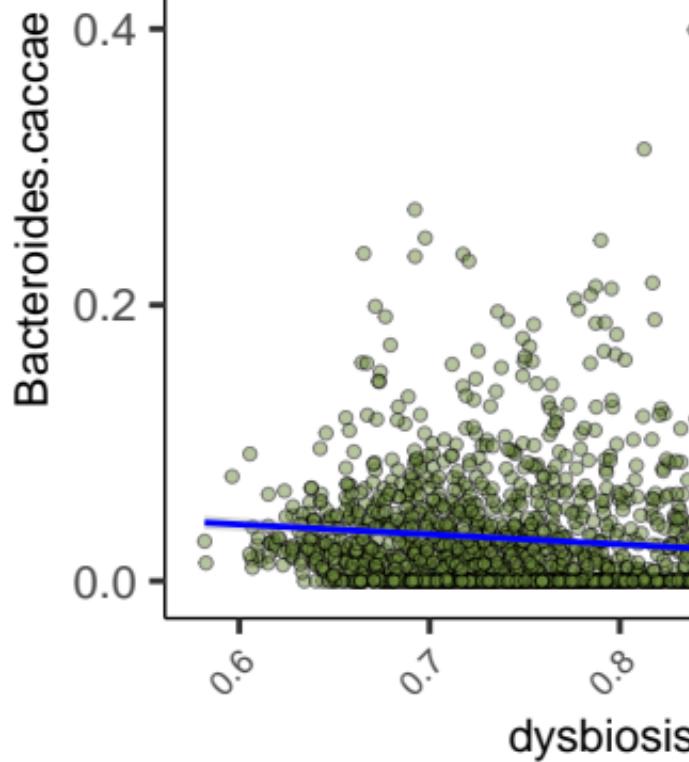


FDR: 1.264e-60  
Coefficient: -7.80e-01  
N: 1595

*Odoribacter.splanchnicus*



FDR:  $8.457e-58$   
Coefficient:  $-2.63e+00$   
 $N: 1595$



FDR: 1.565e-53  
Coefficient: -2.09e+00  
N: 1595

*Alistipes.shahii*

0.10

0.05

0.00

0.6

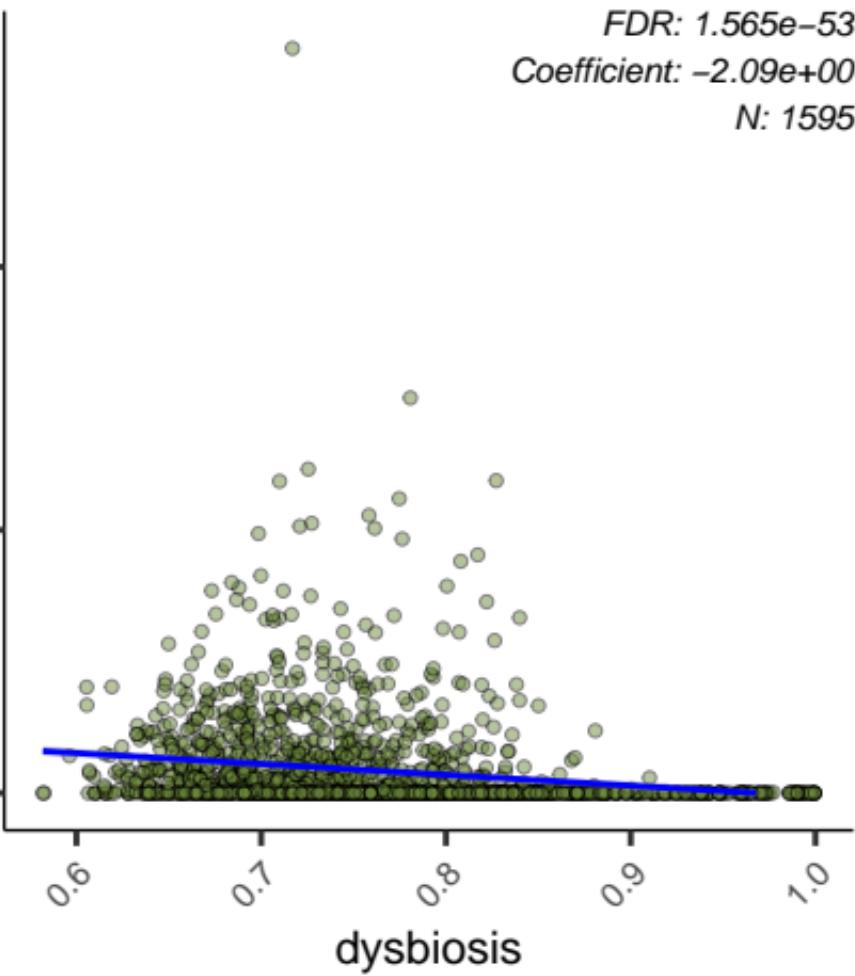
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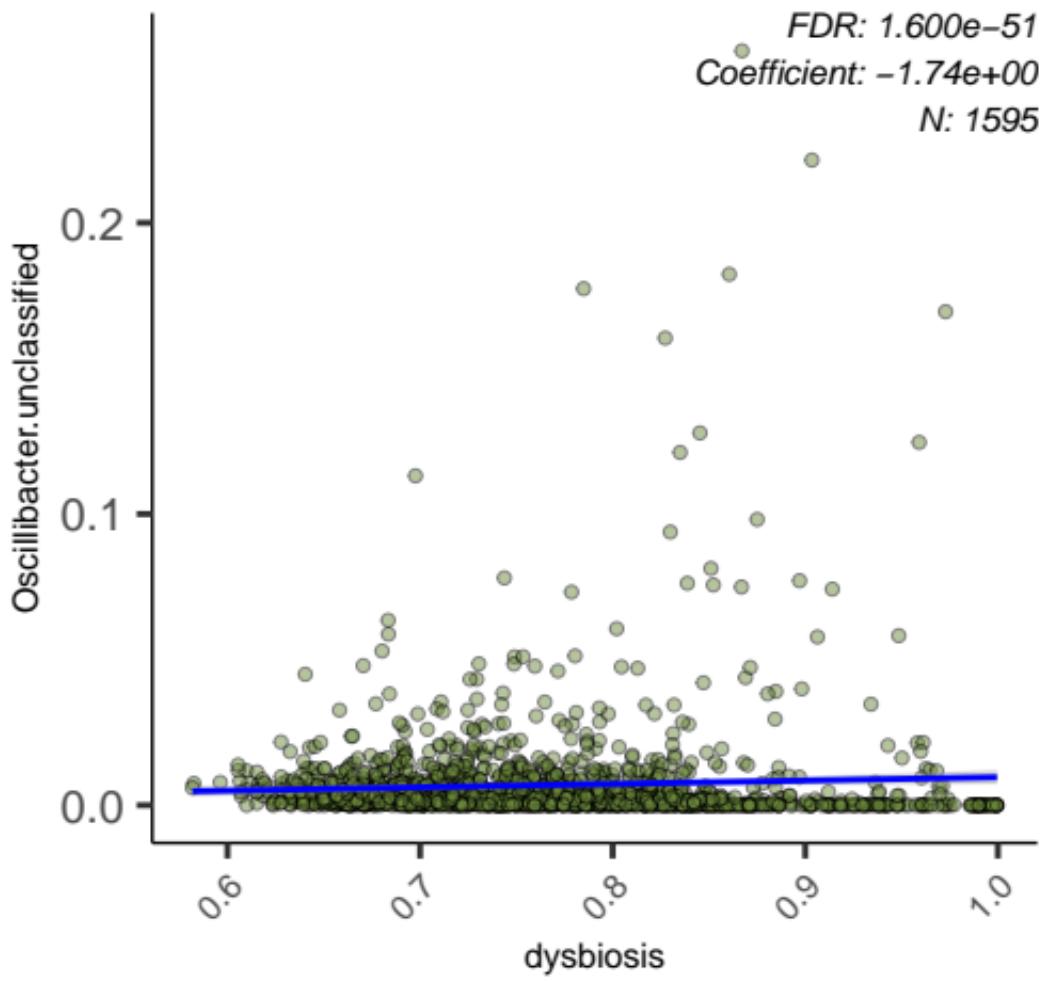
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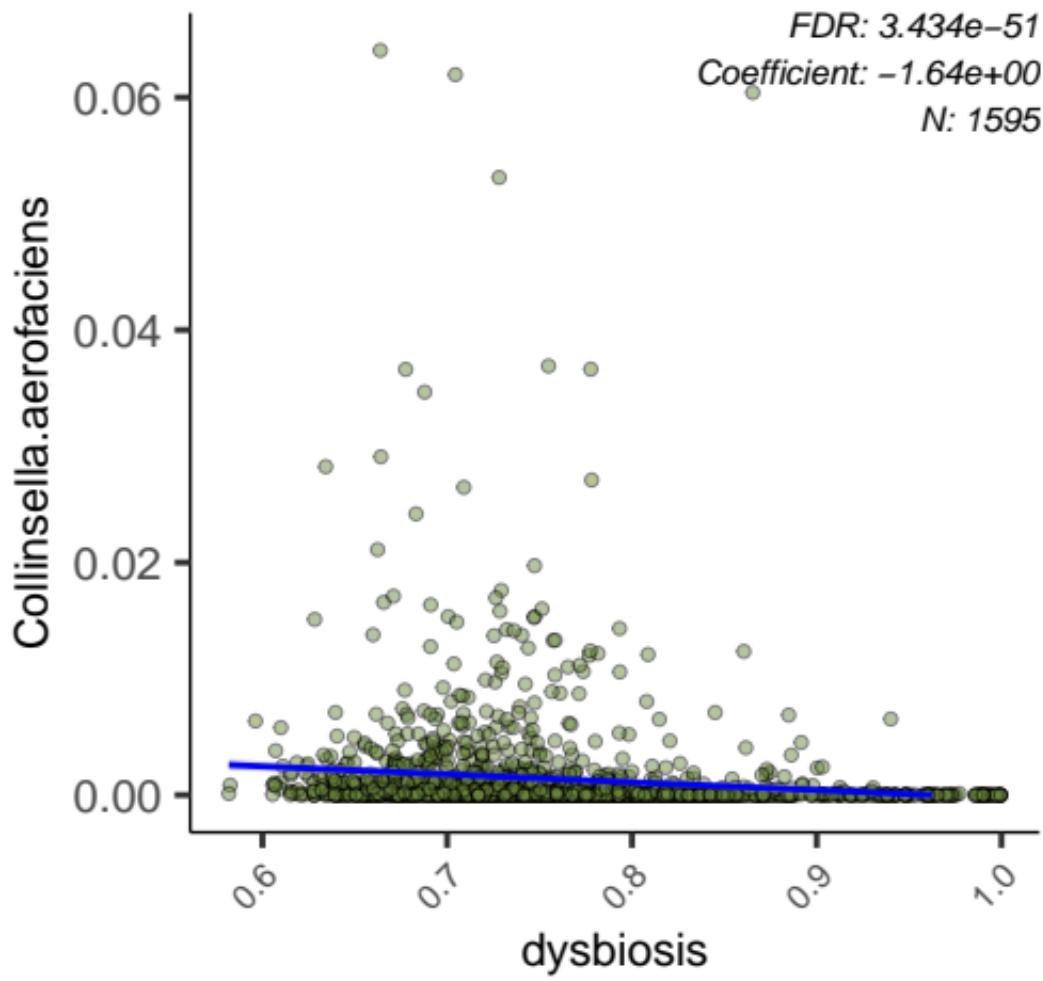
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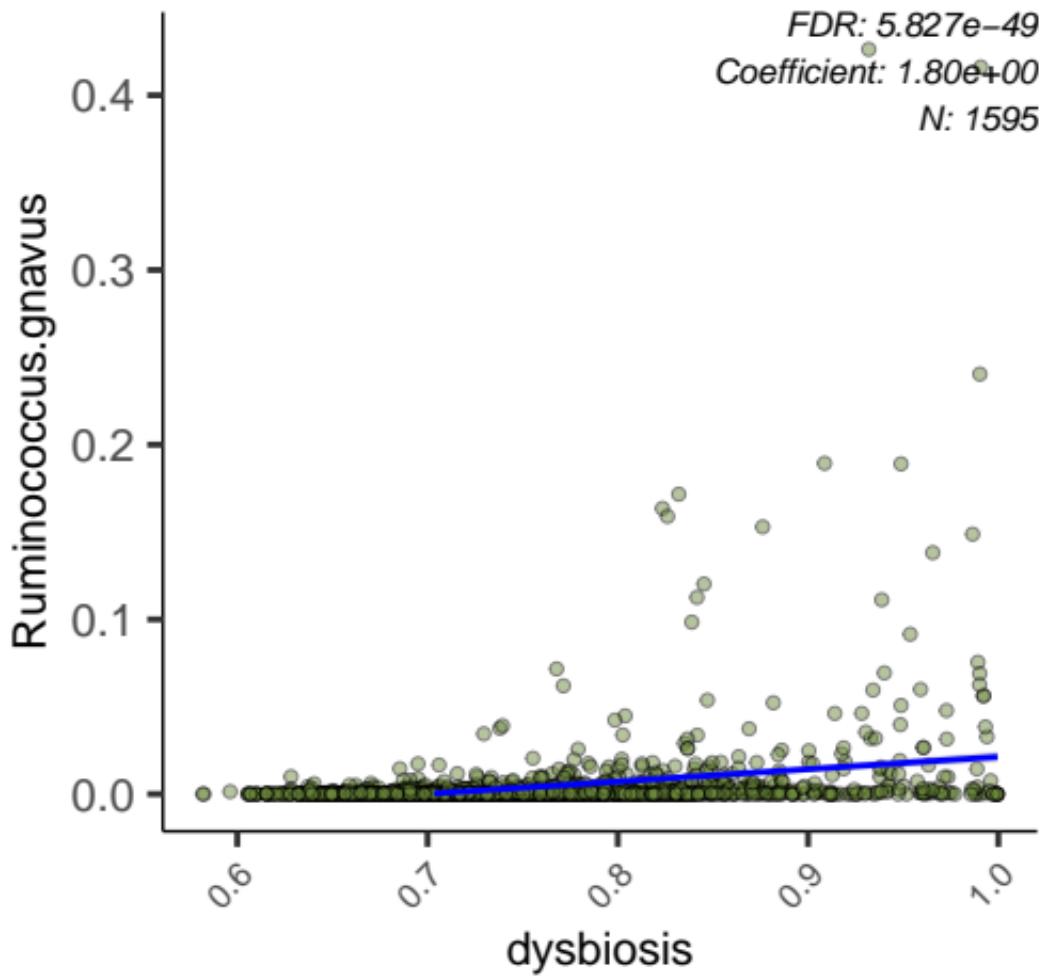
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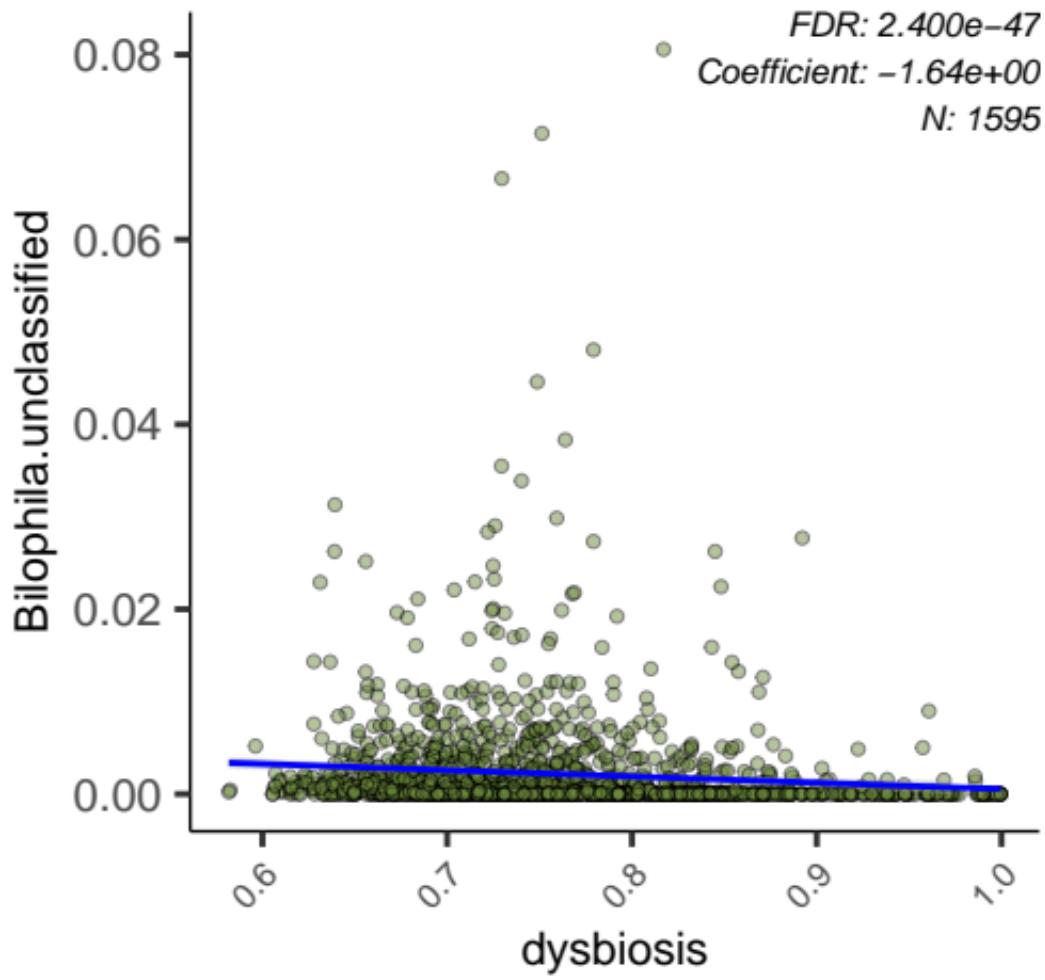
dysbiosis











FDR:  $5.879e-45$   
Coefficient:  $1.61e+00$   
 $N: 1595$

*Escherichia.coli*

0.75

0.50

0.25

0.00

0.6

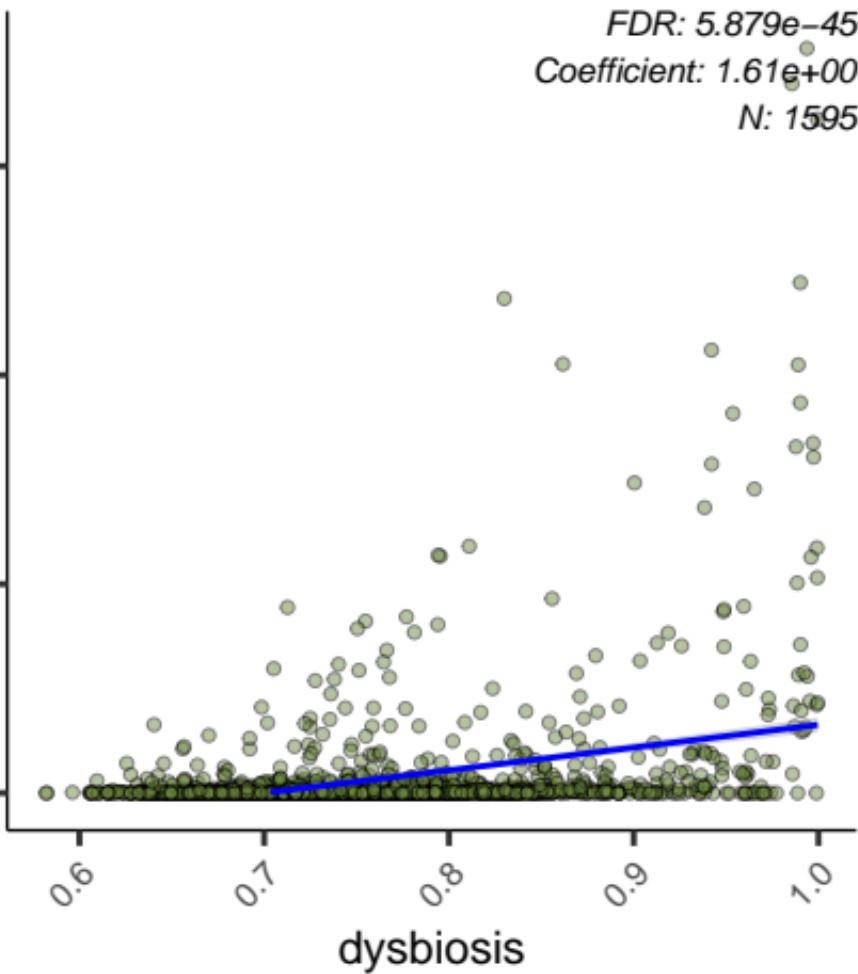
0.7

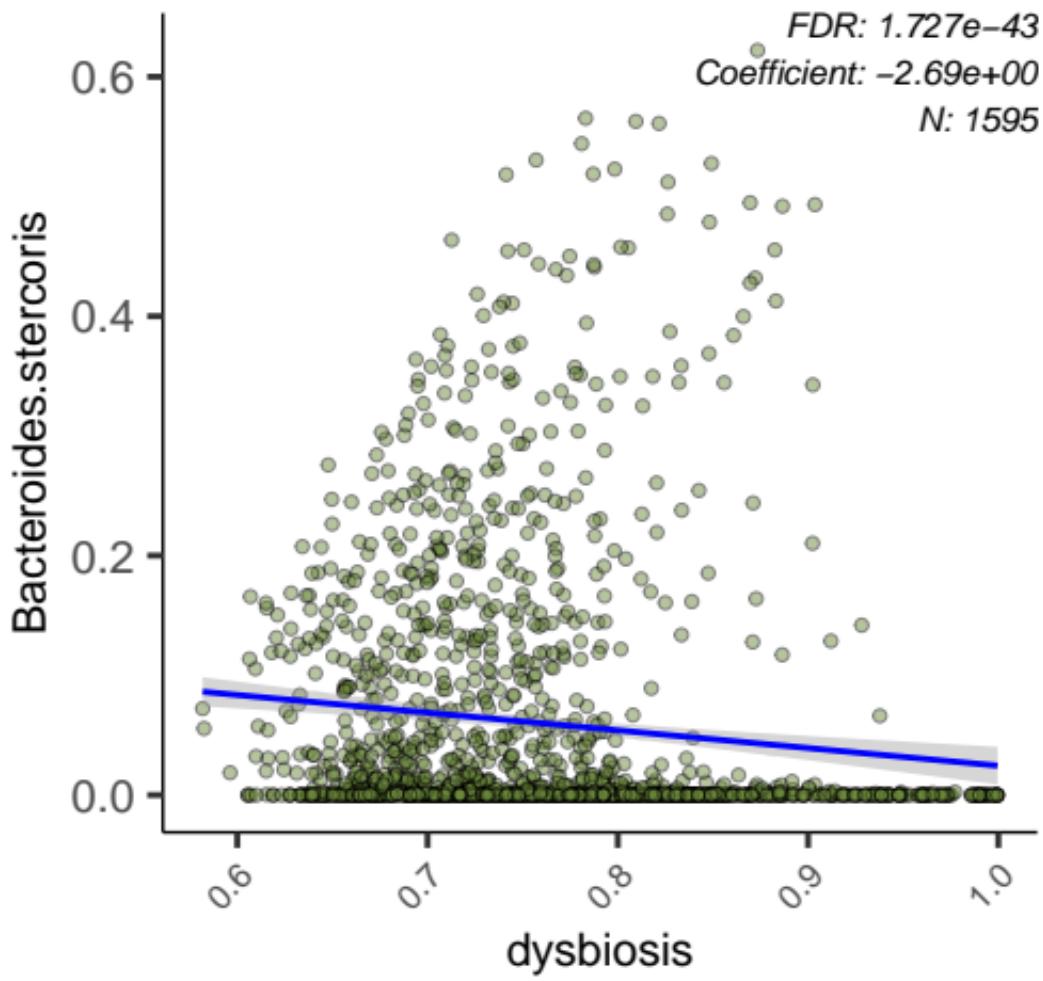
0.8

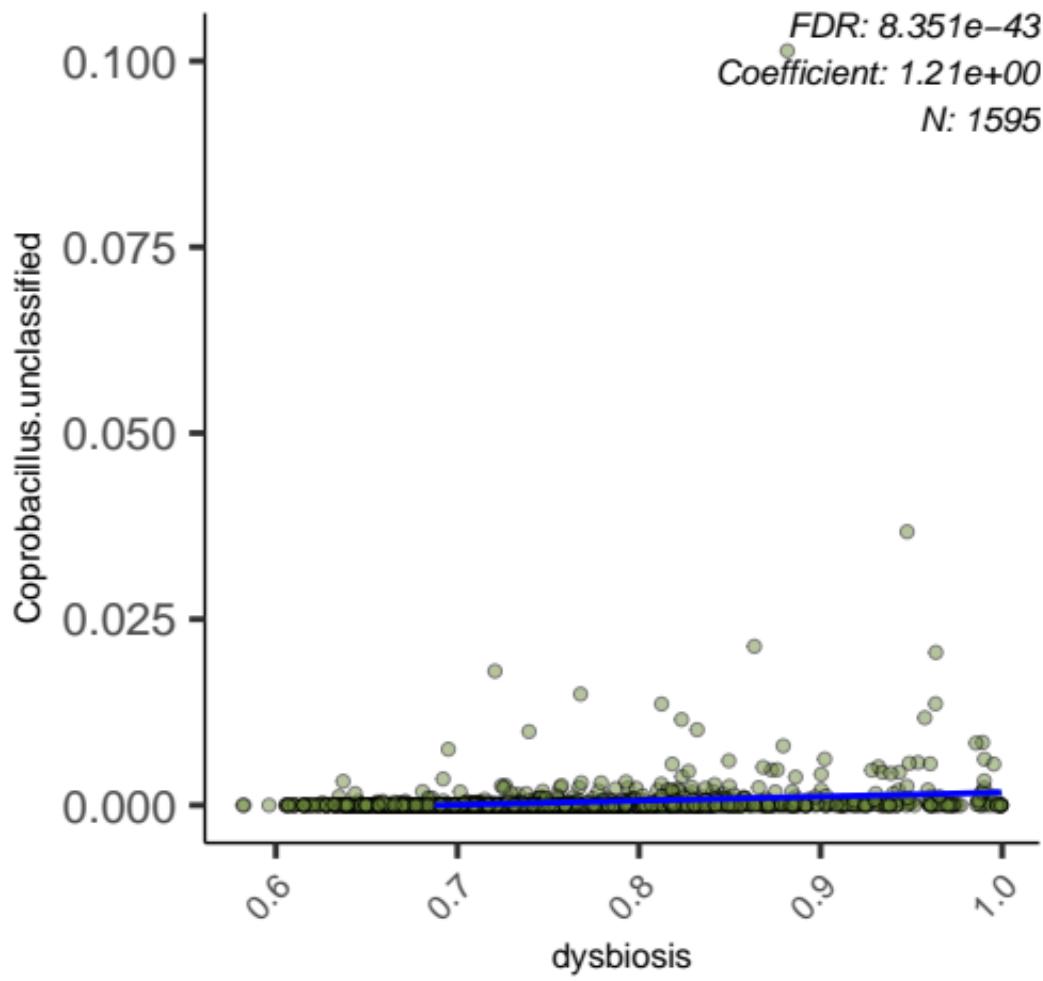
0.9

1.0

dysbiosis







FDR: 4.591e-42  
Coefficient: -1.64e+00  
N: 1595

*Alistipes.finegoldii*

0.10  
0.05  
0.00

0.6

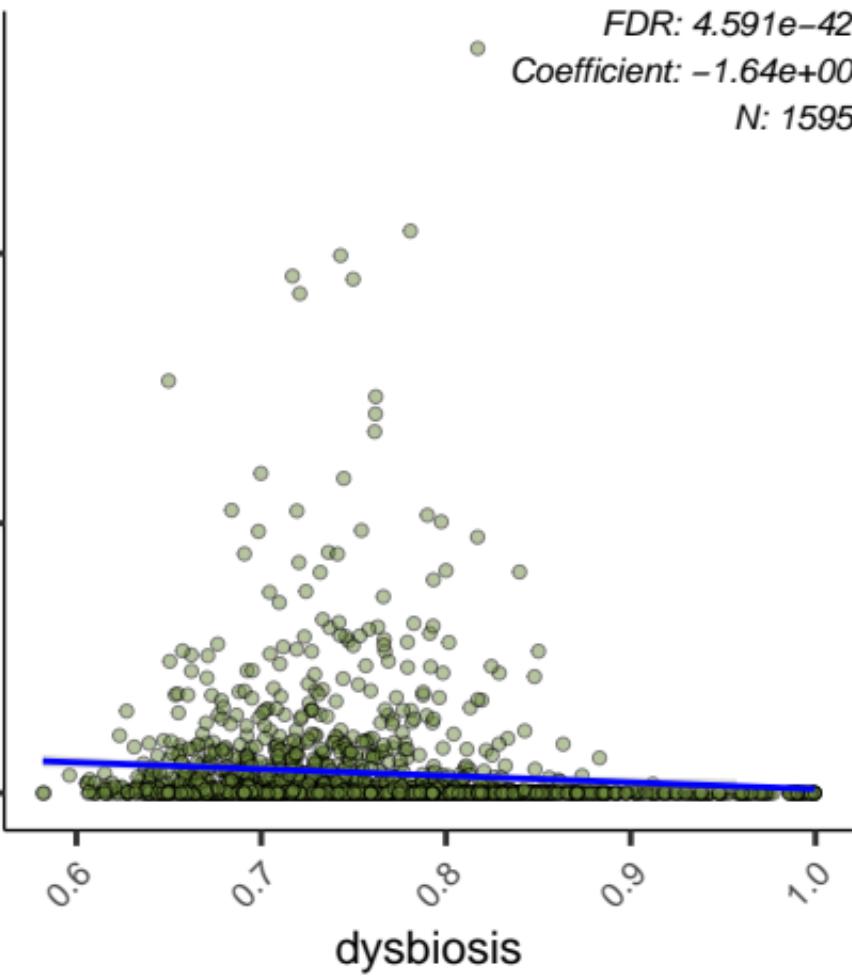
0.7

0.8

0.9

1.0

dysbiosis



FDR:  $2.365e-41$   
Coefficient:  $-1.51e+00$   
 $N: 1595$

Lachnospiraceae.bacterium.3.1.46FAA

0.6

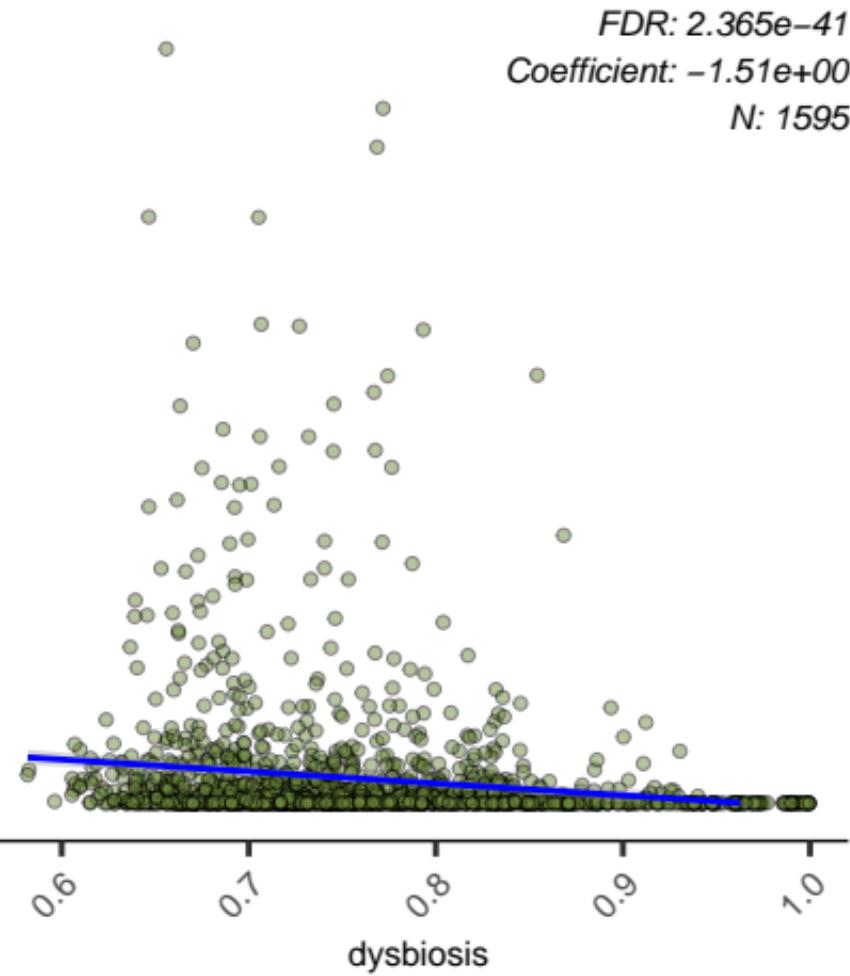
0.7

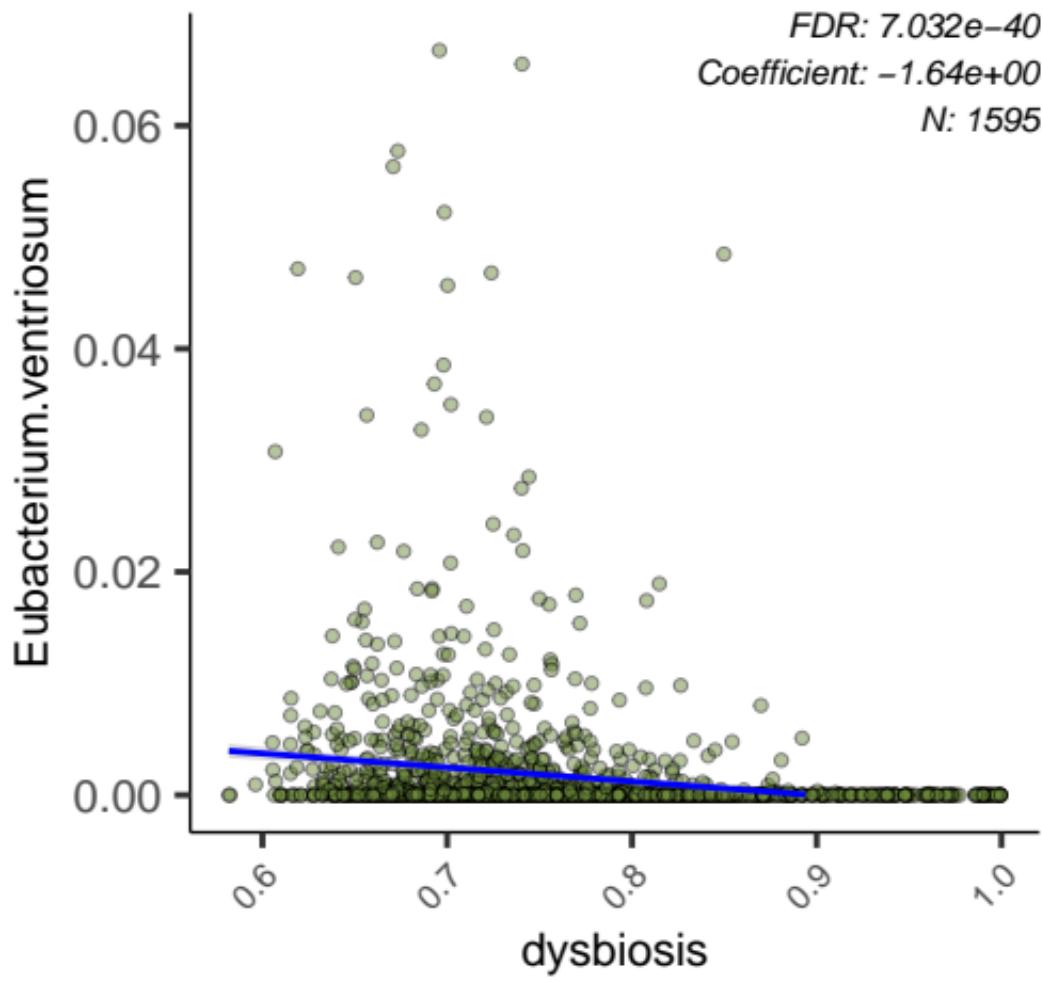
0.8

0.9

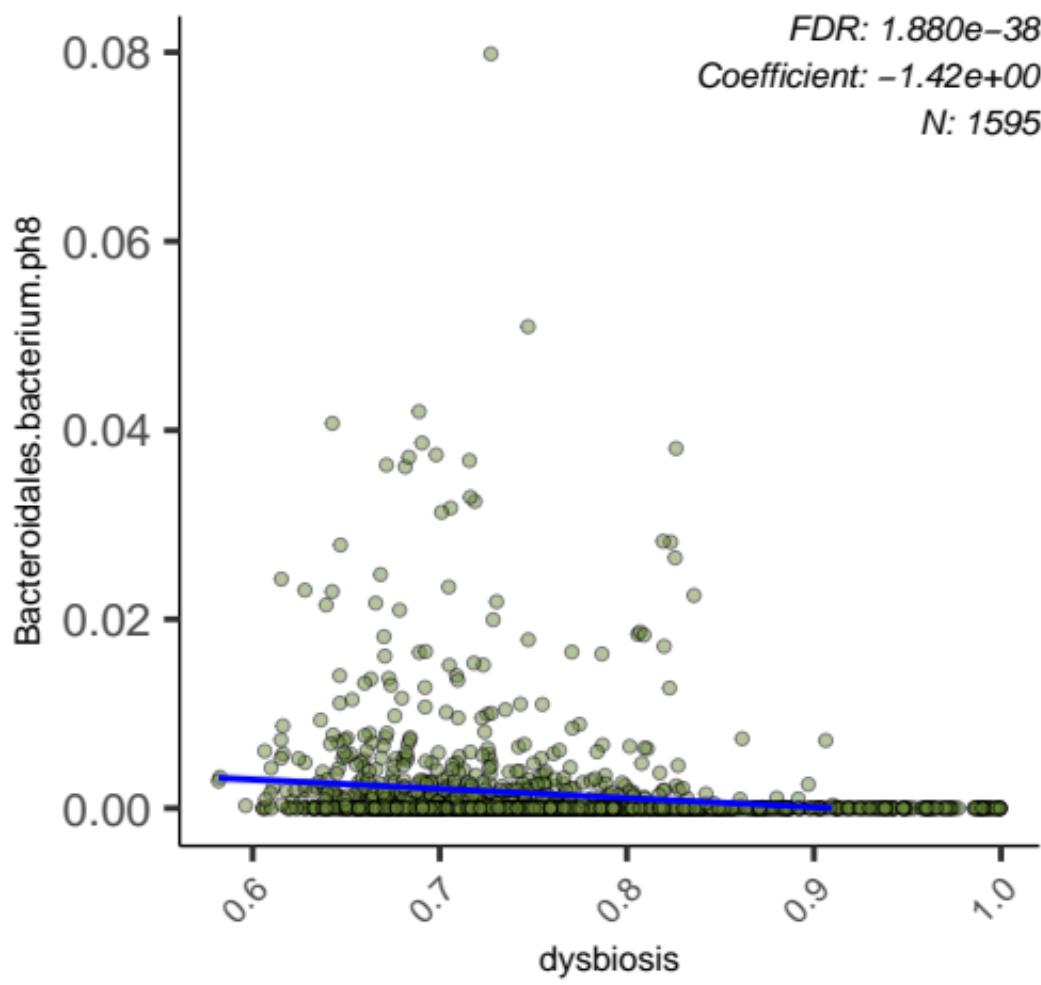
1.0

dysbiosis





FDR: 1.880e-38  
Coefficient: -1.42e+00  
N: 1595



FDR: 9.709e-36  
Coefficient: -1.47e+00  
N: 1595

Dorea.longicatena

0.075

0.050

0.025

0.000

0.6

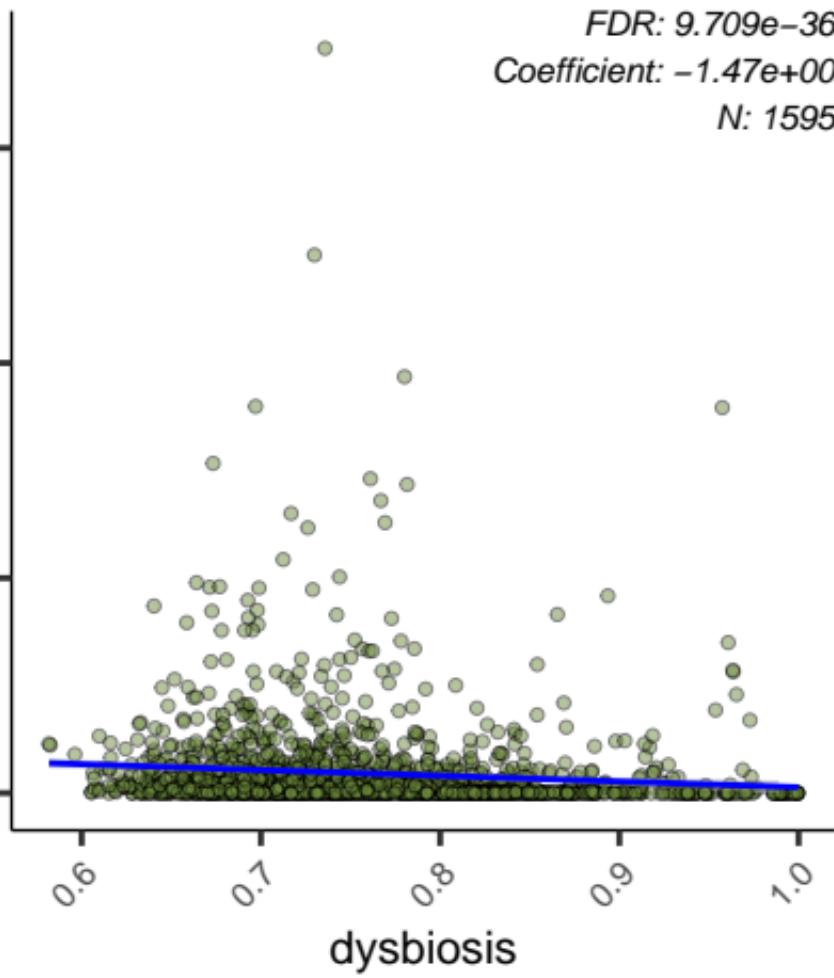
0.7

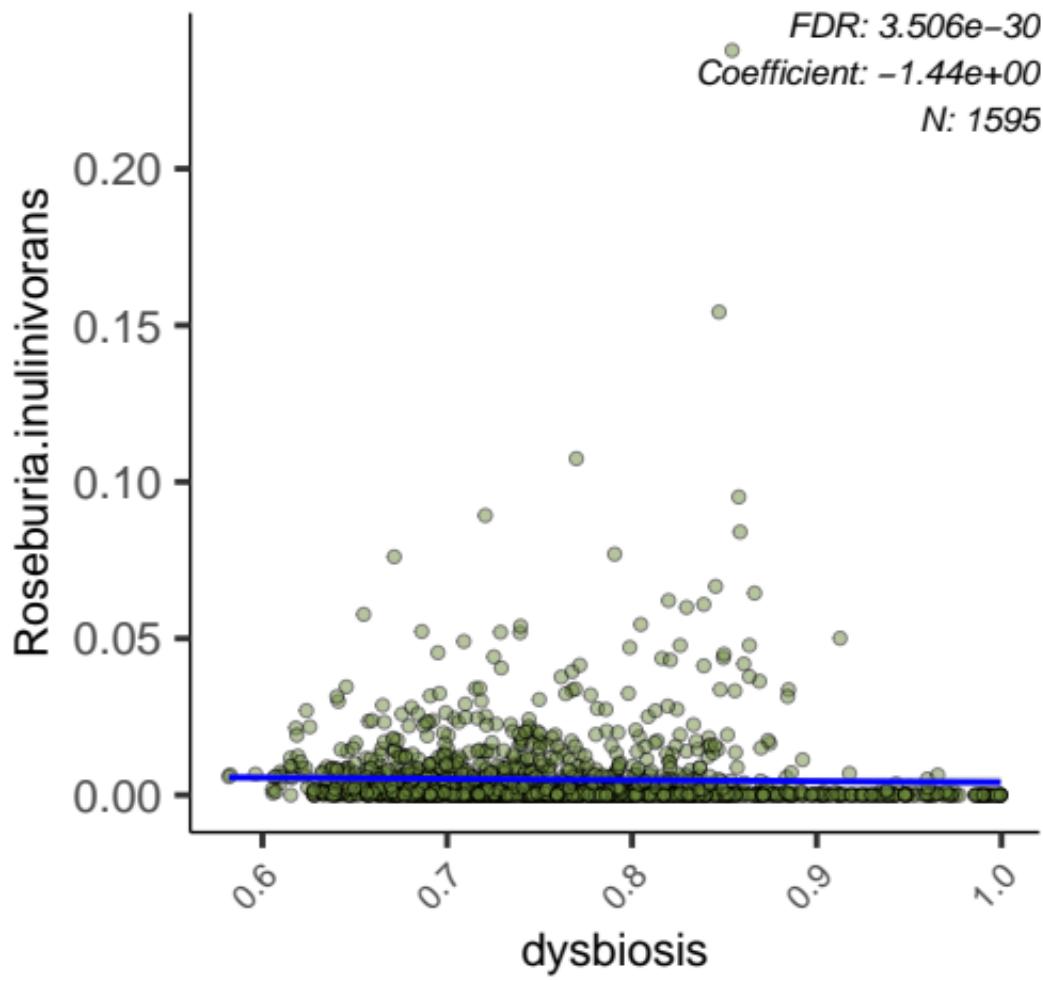
0.8

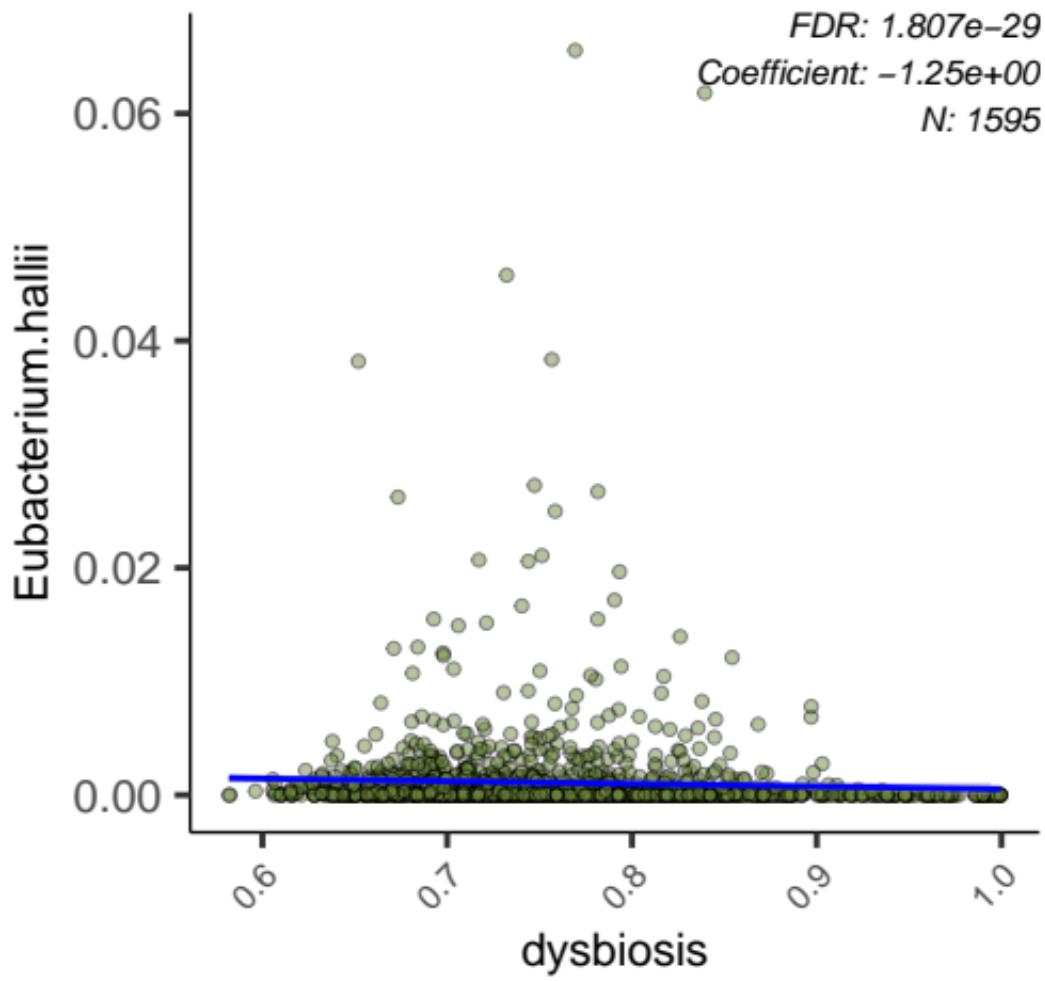
0.9

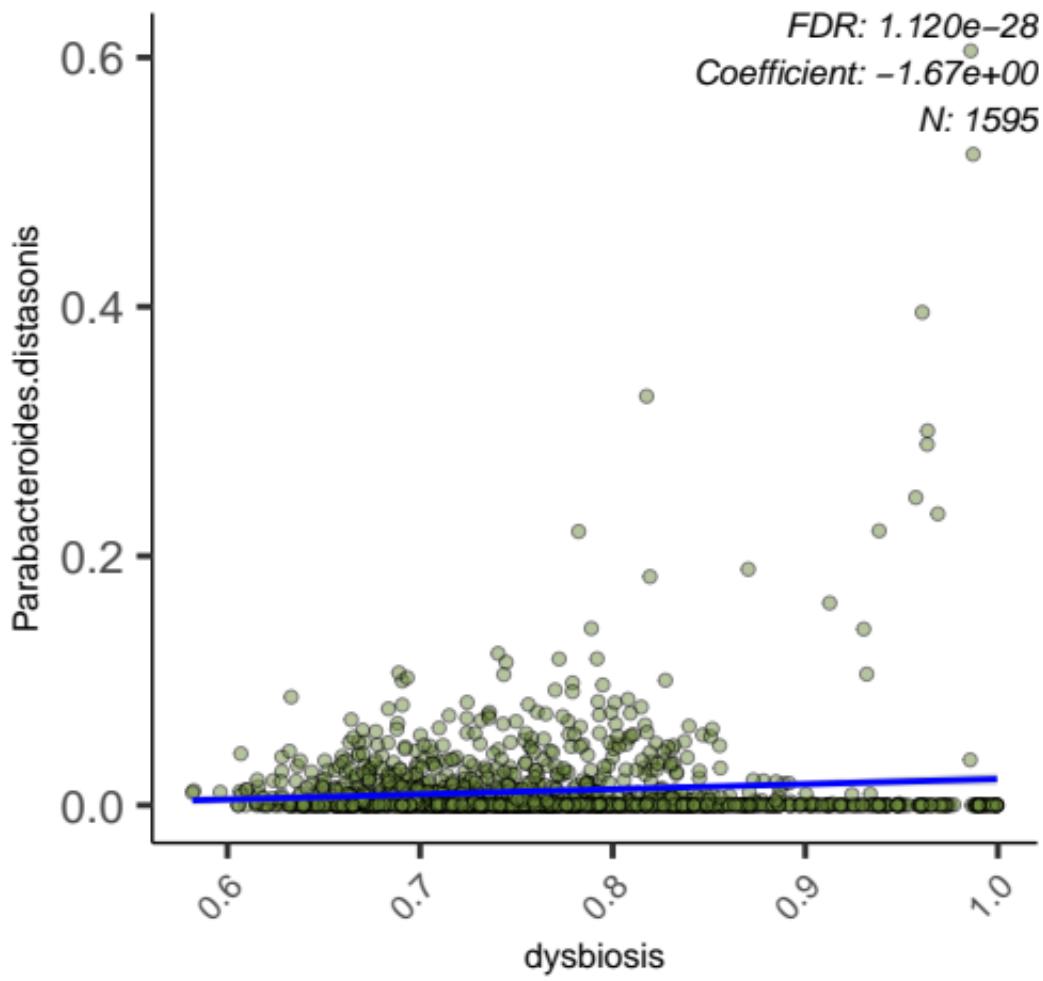
1.0

dysbiosis

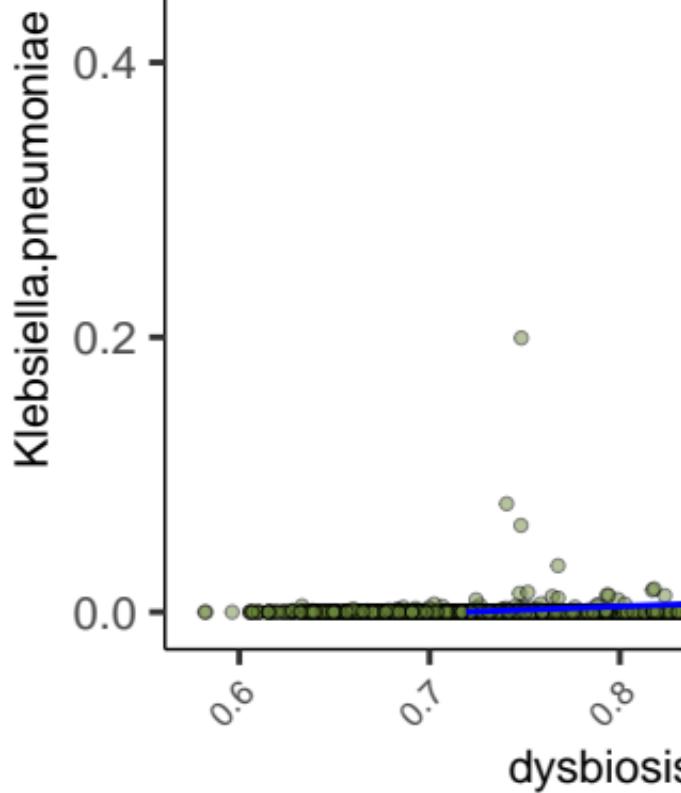


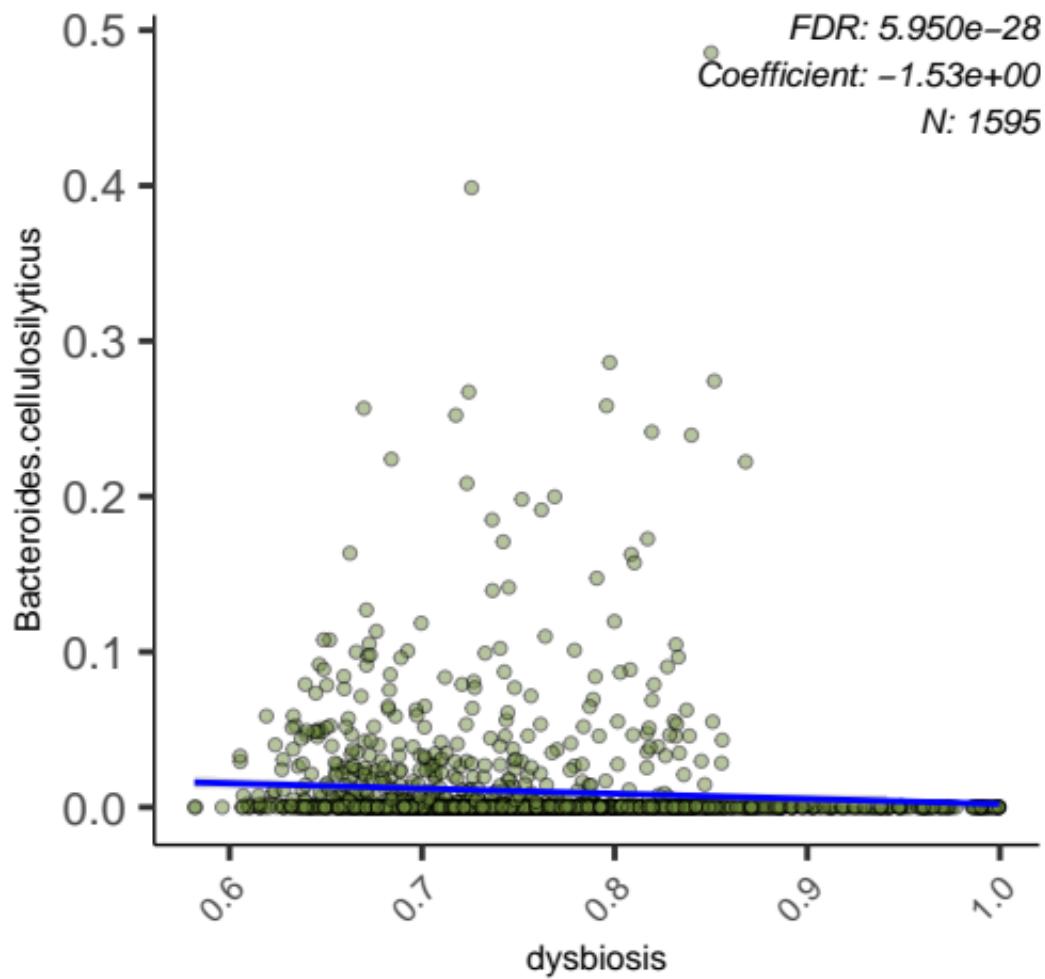






FDR:  $4.895e-28$   
Coefficient:  $8.28e-01$   
N: 1595





FDR:  $7.460e-28$   
Coefficient:  $9.98e-01$   
 $N: 1595$

Clostridium.nexile

0.09

0.06

0.03

0.00

0.6

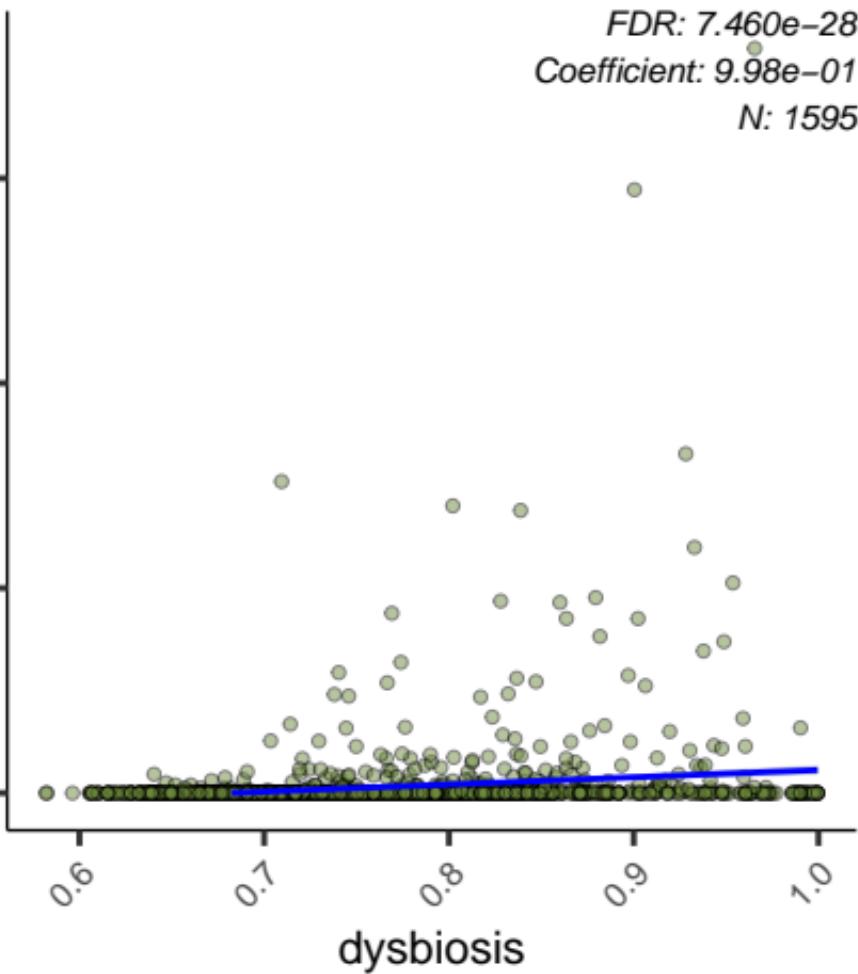
0.7

0.8

0.9

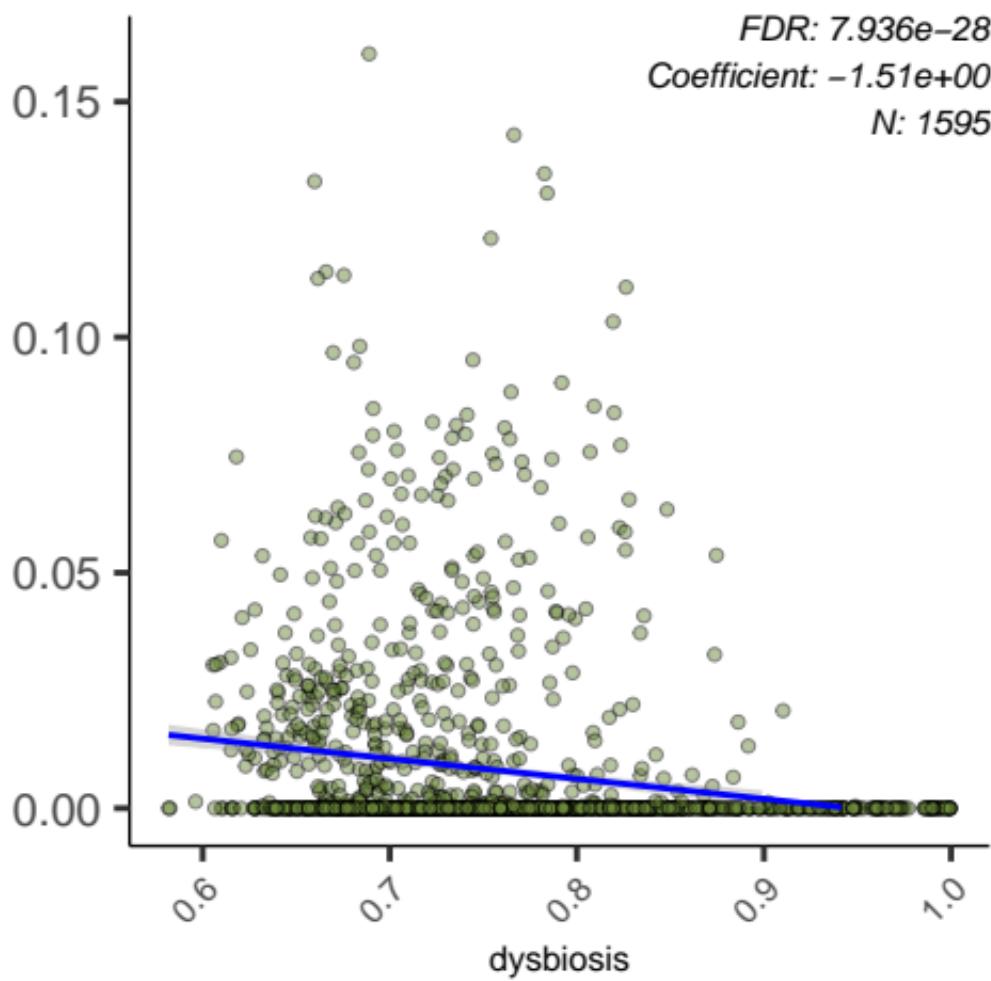
1.0

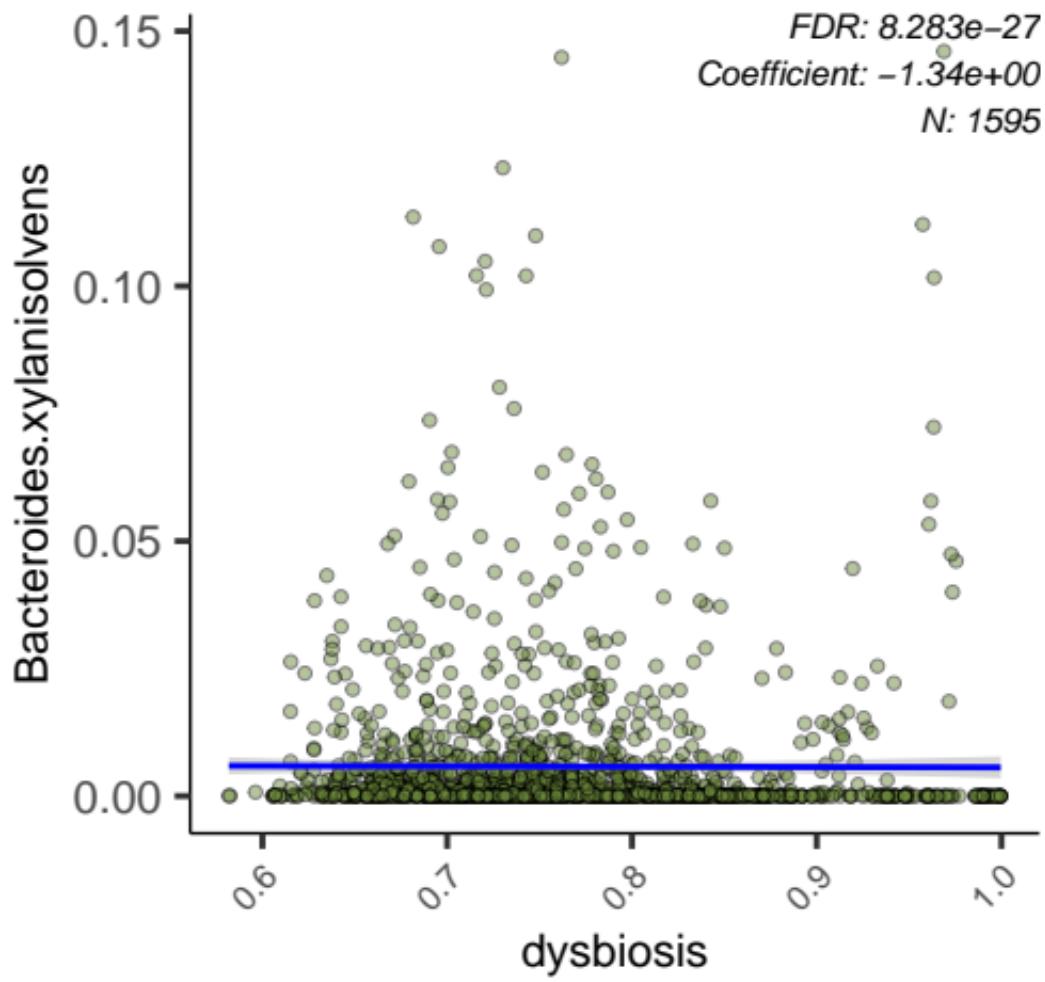
dysbiosis

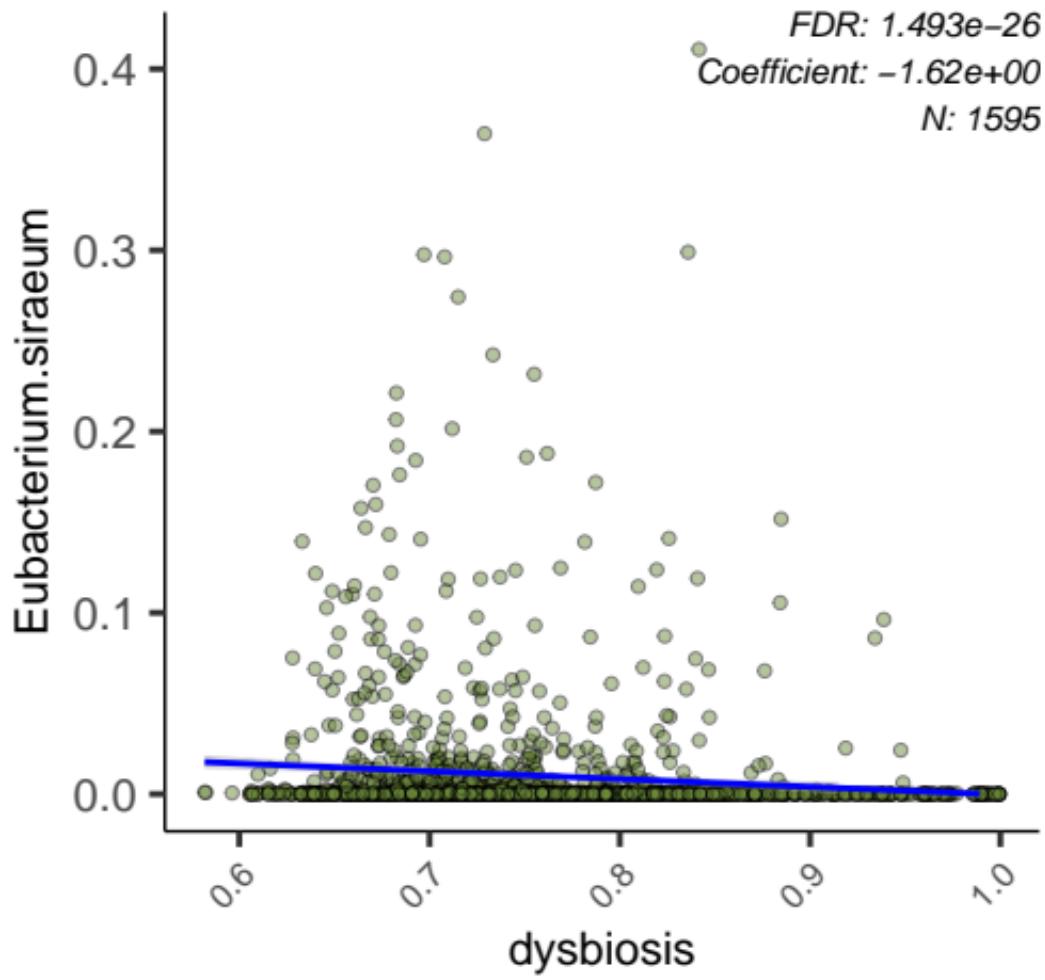


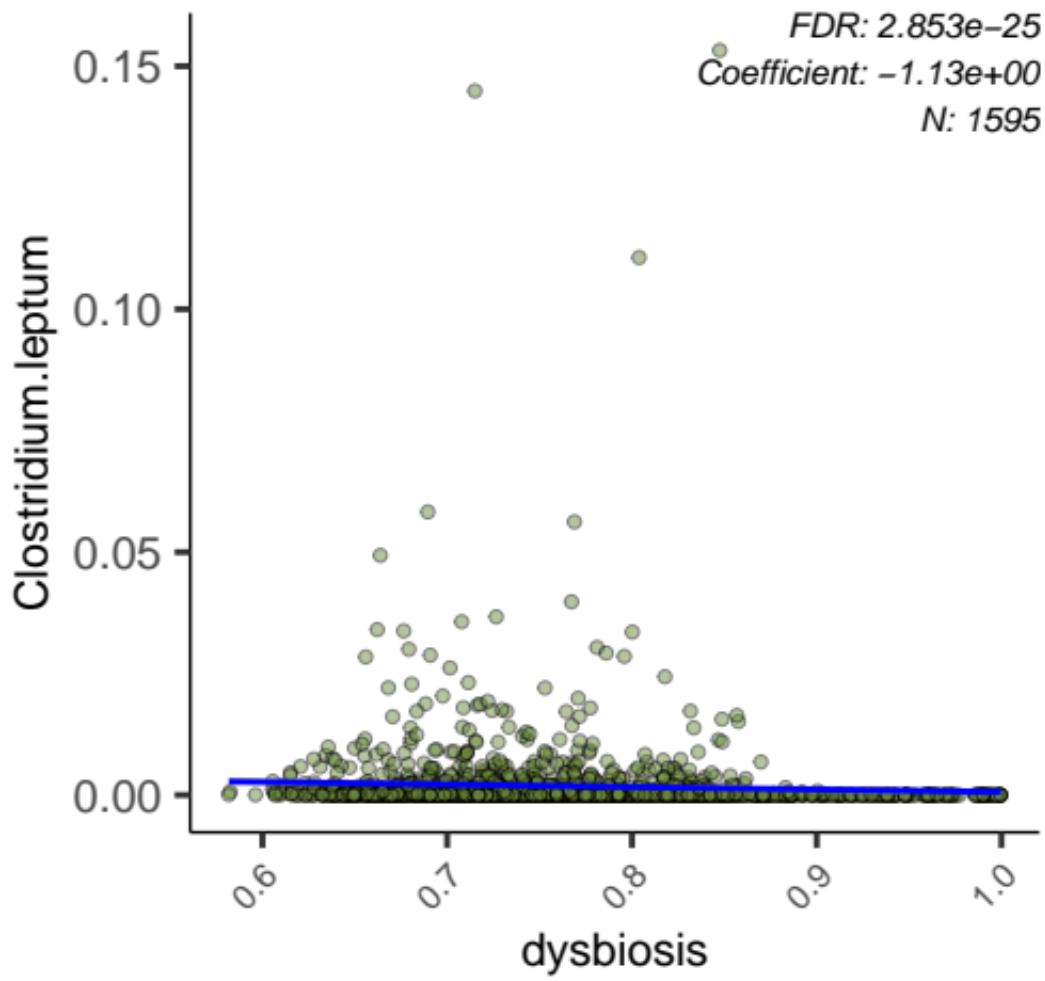
FDR: 7.936e-28  
Coefficient: -1.51e+00  
N: 1595

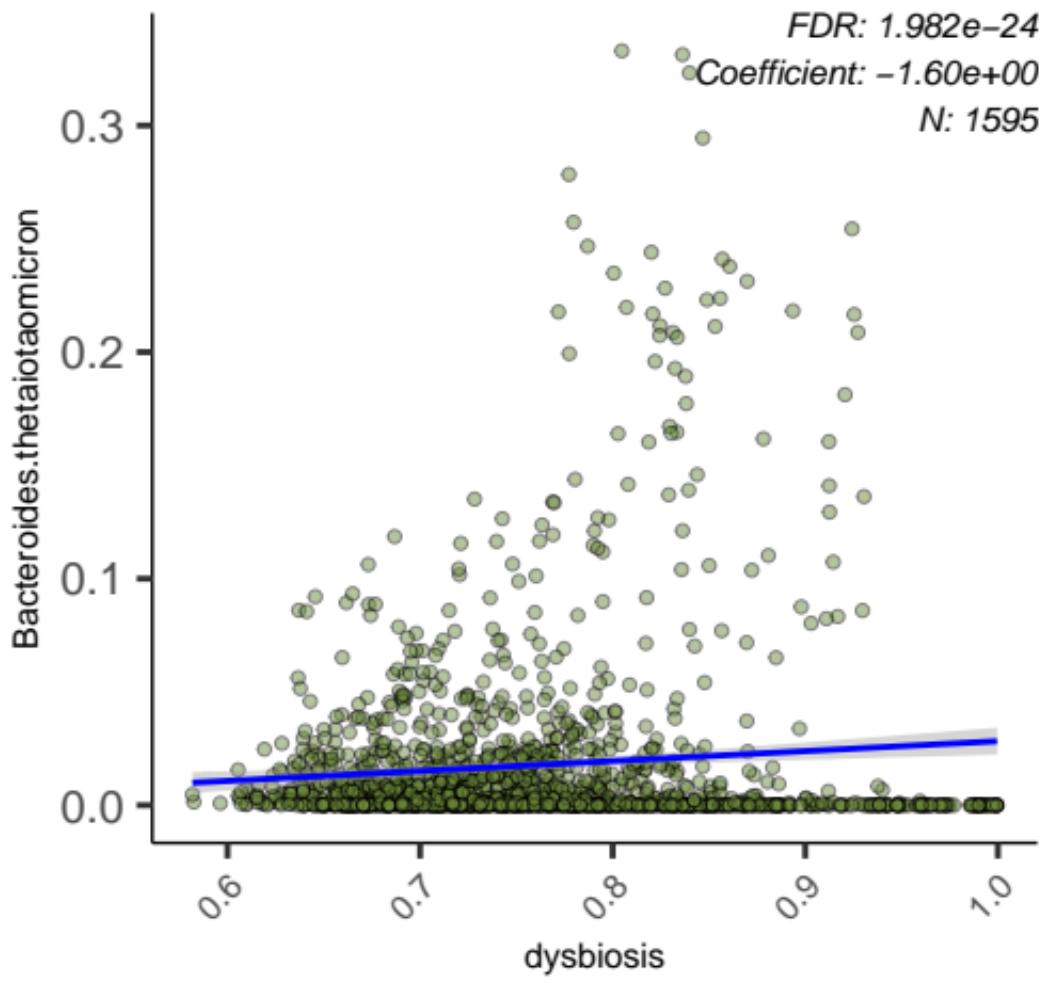
*Barnesiella.intestinihominis*

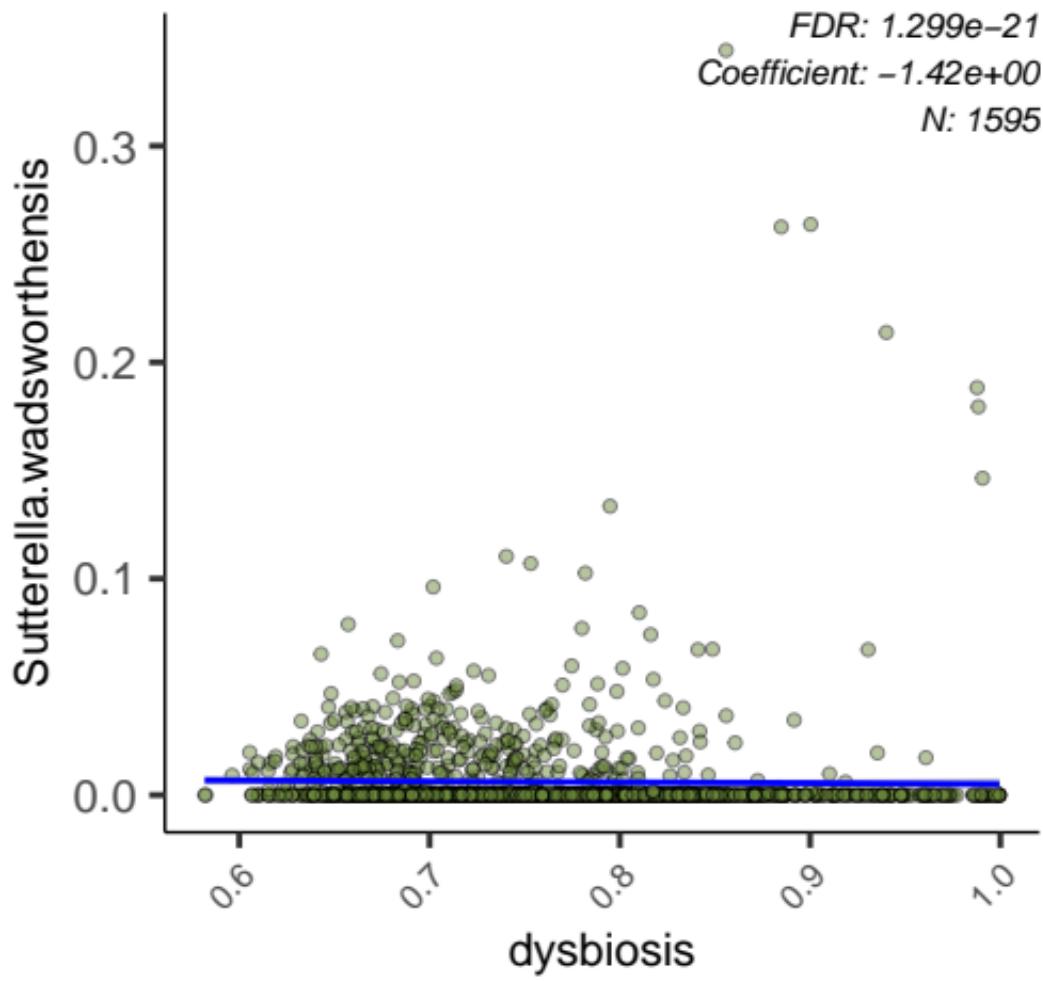


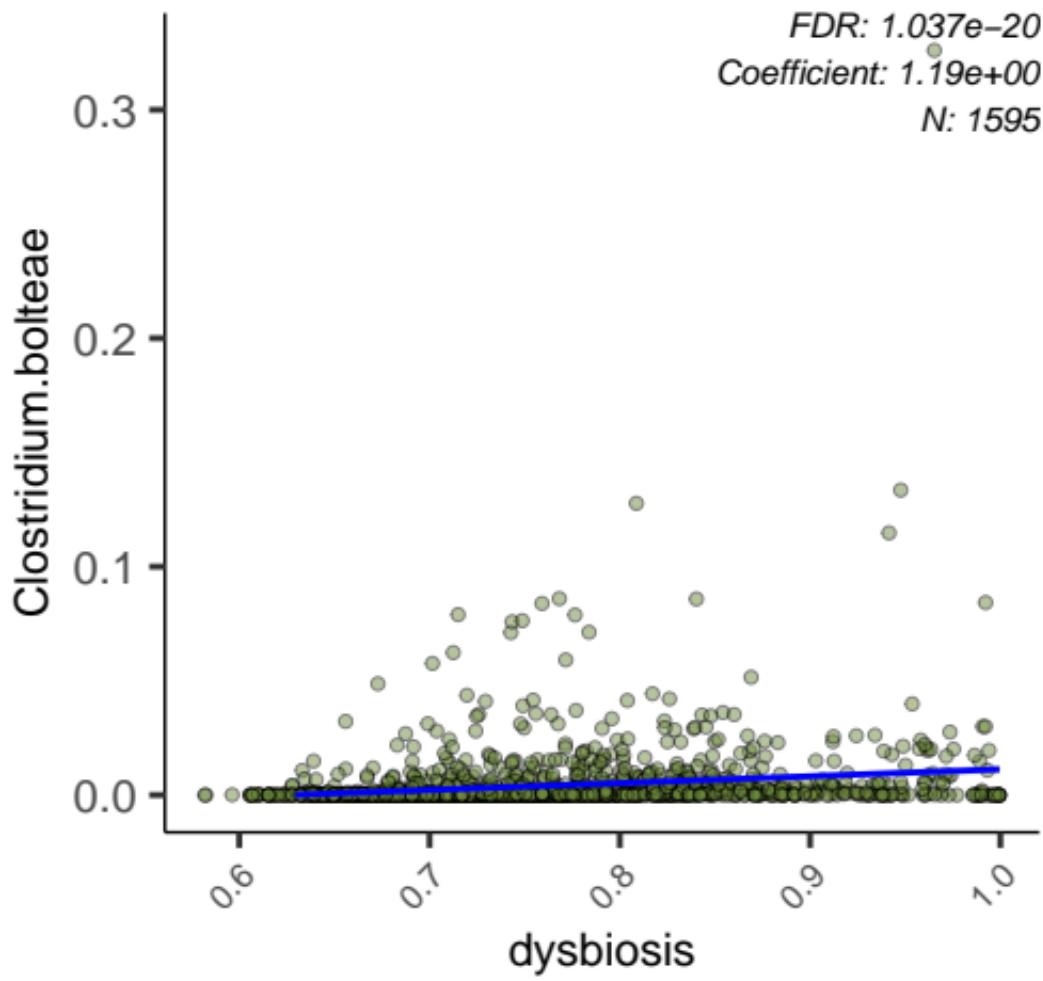


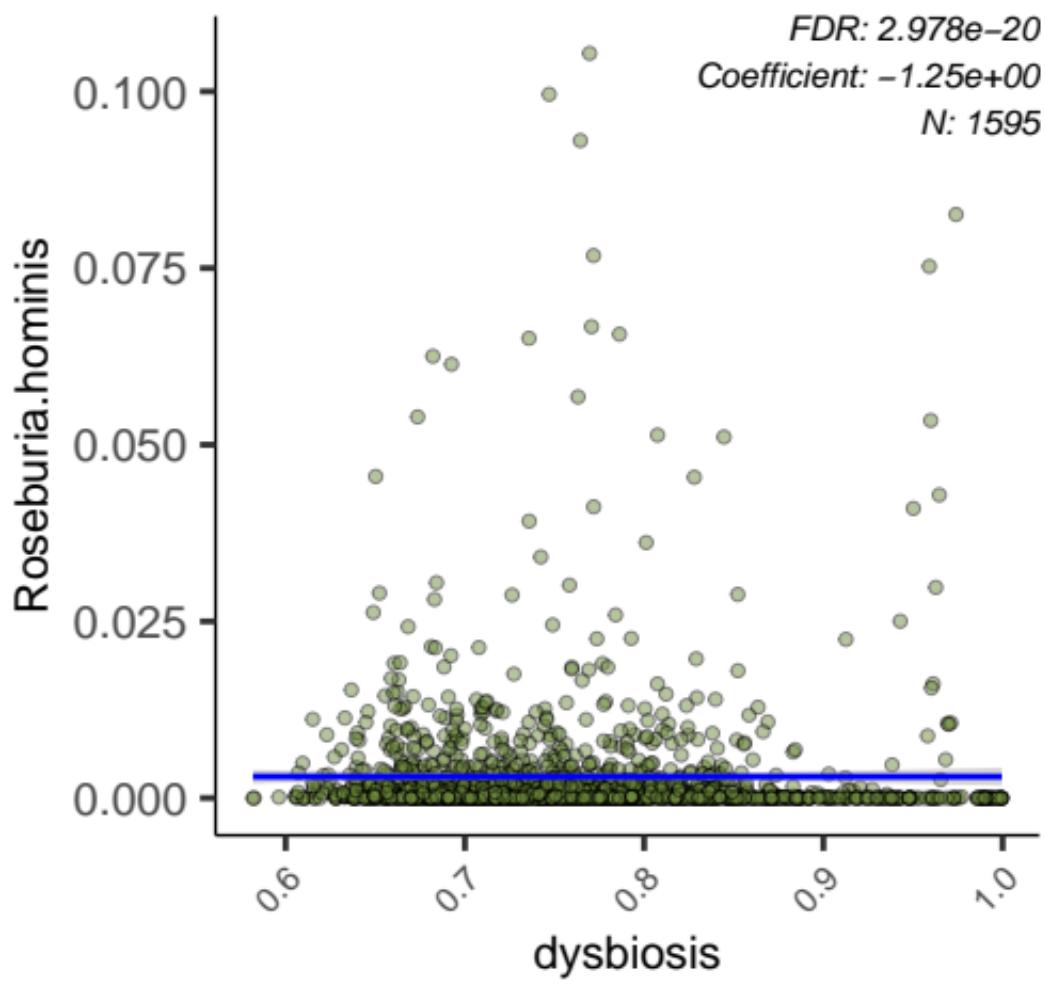




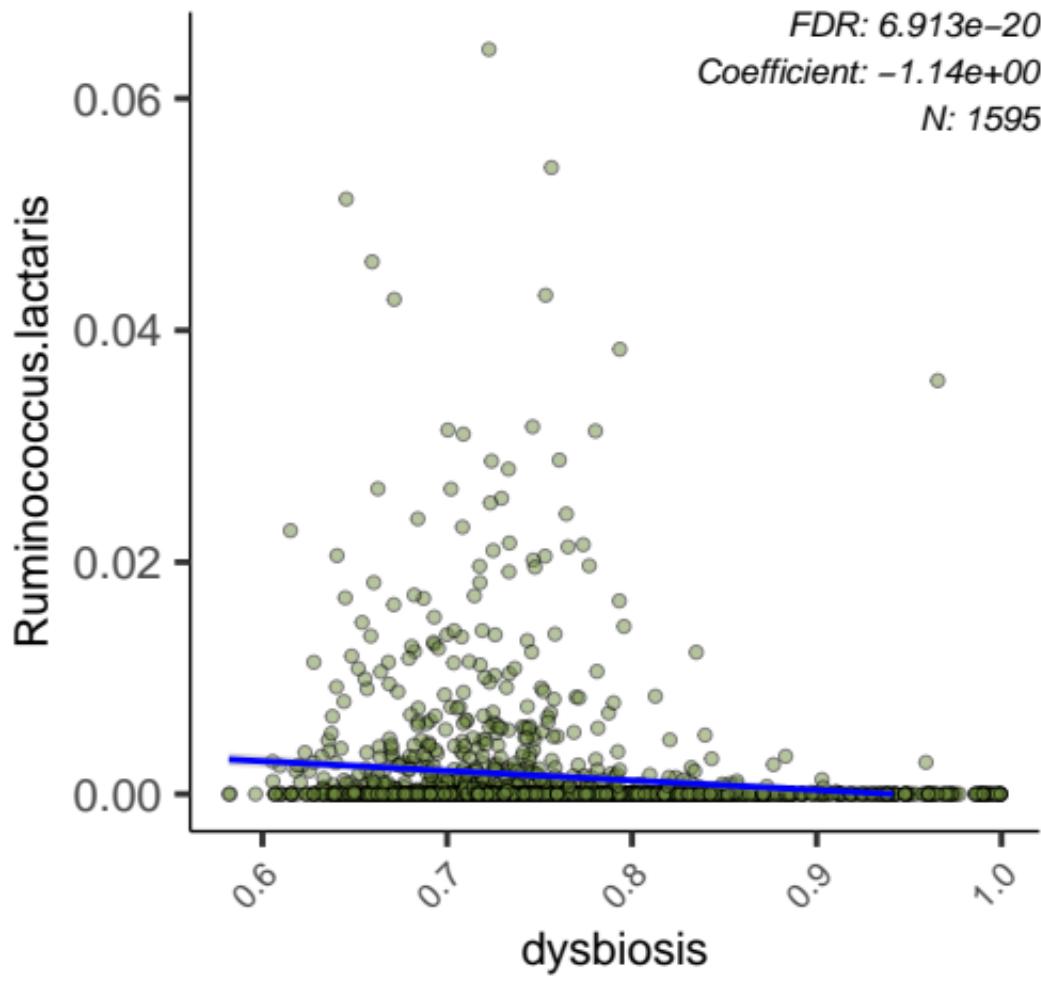


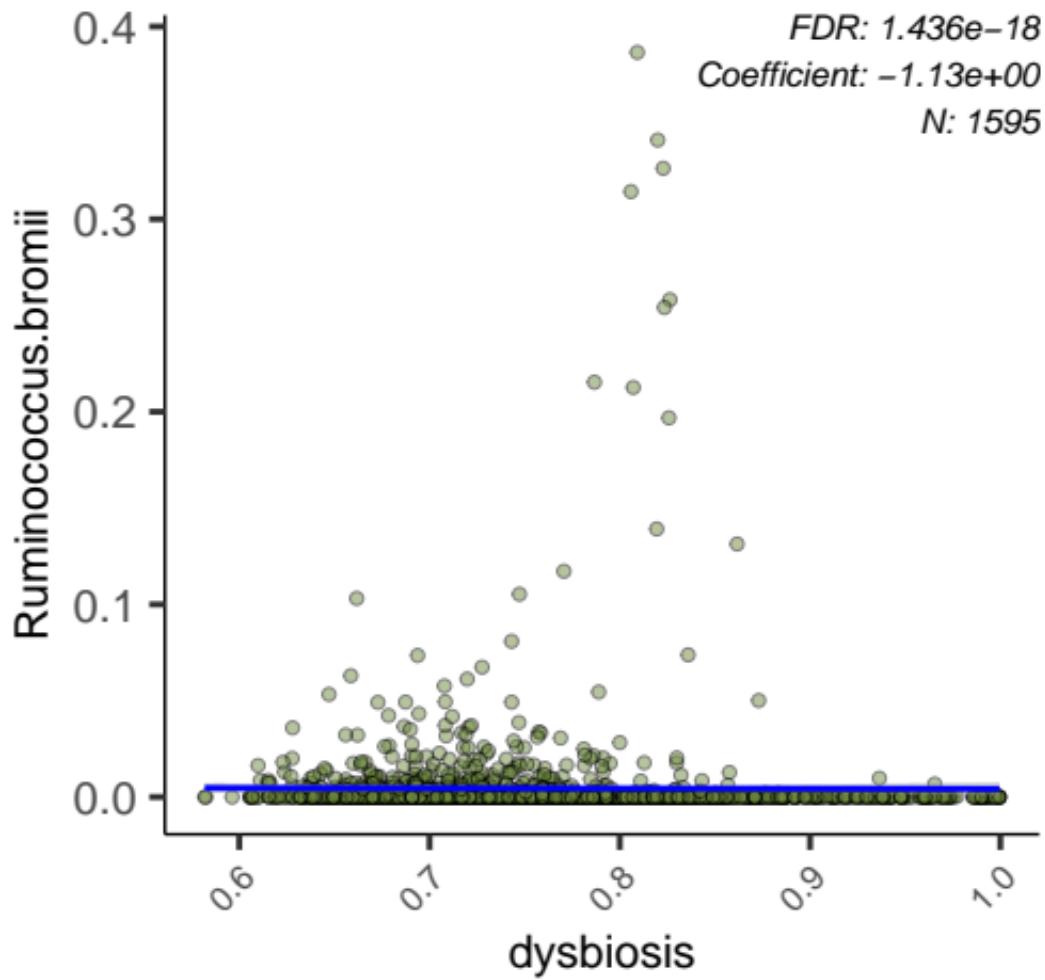






FDR: 6.913e-20  
Coefficient: -1.14e+00  
N: 1595





FDR: 1.362e-17  
Coefficient: -1.17e+00  
N: 1595

Bacteroides.finegoldii

0.20

0.15

0.10

0.05

0.00

0.6

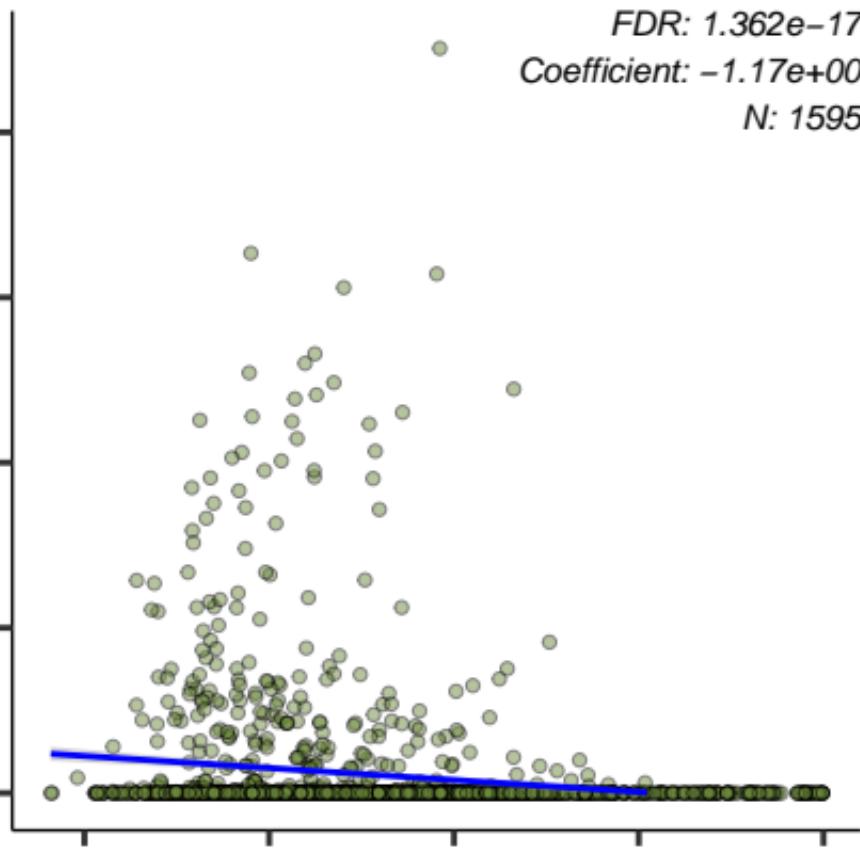
0.7

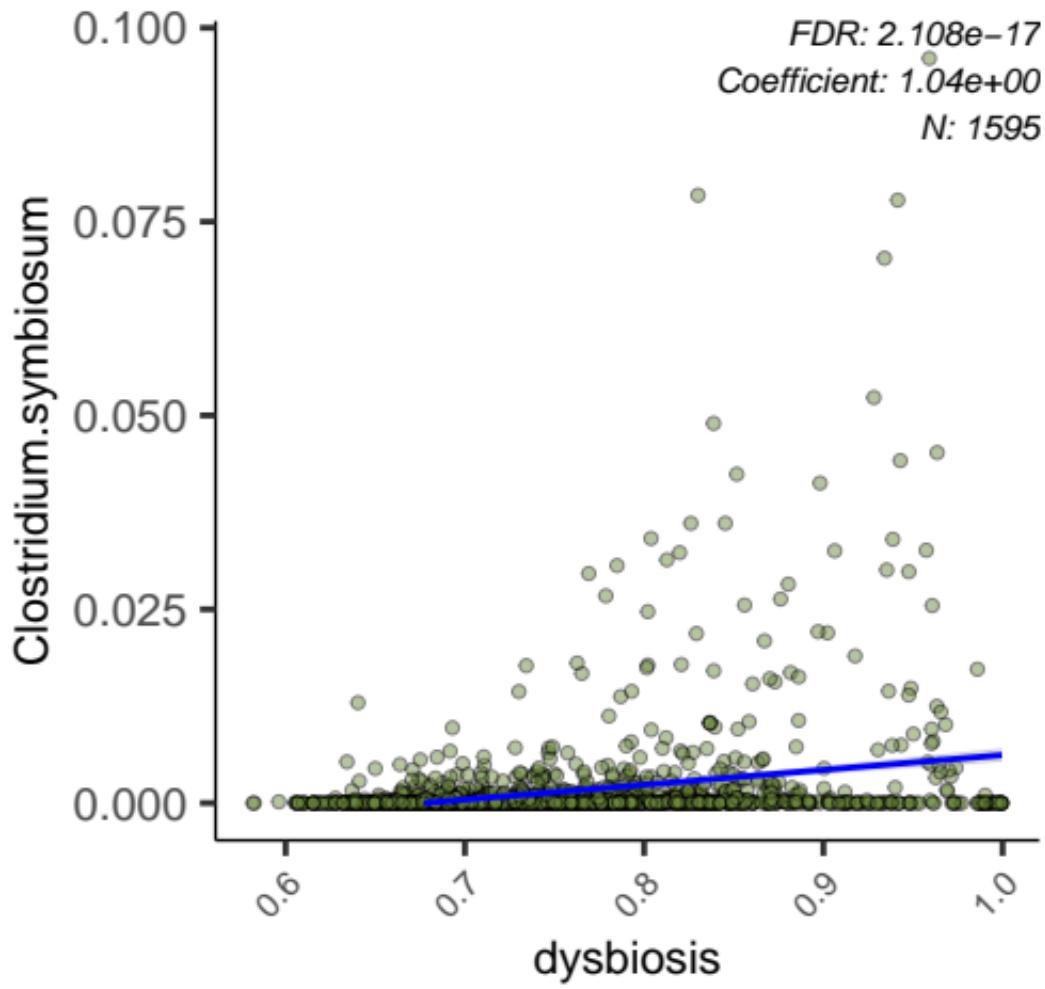
0.8

0.9

1.0

dysbiosis





FDR:  $2.673e-17$   
Coefficient:  $1.02e+00$   
 $N: 1595$

*Clostridium.hathewayi*

0.4

0.2

0.0

0.6

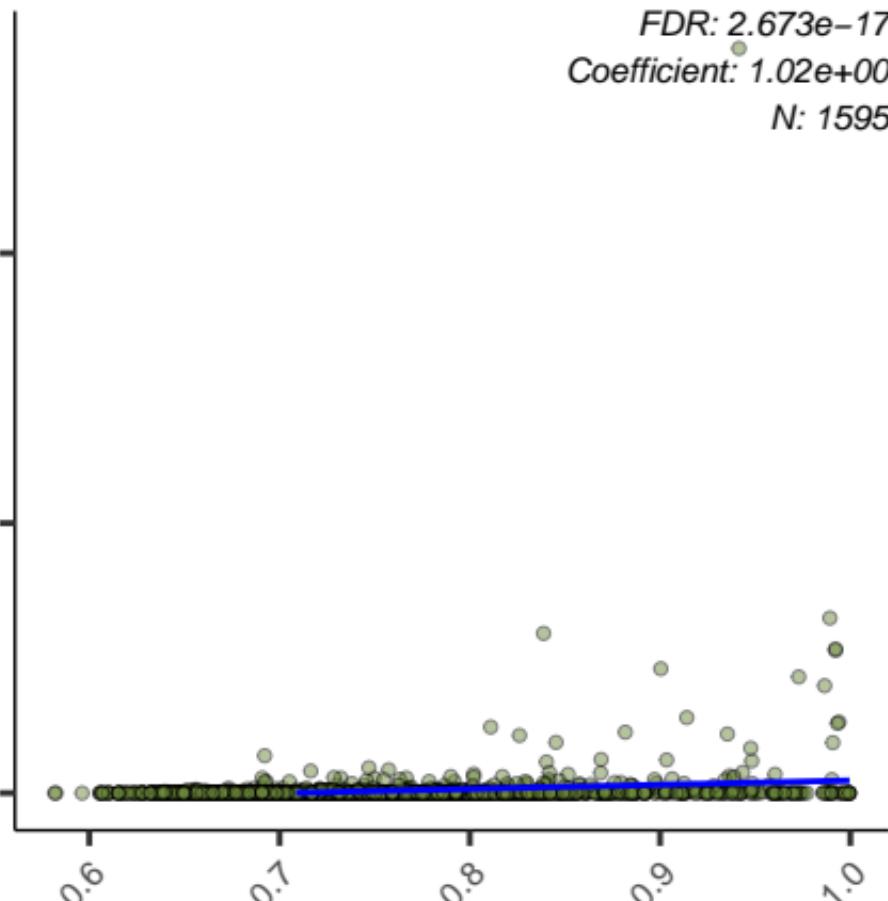
0.7

0.8

0.9

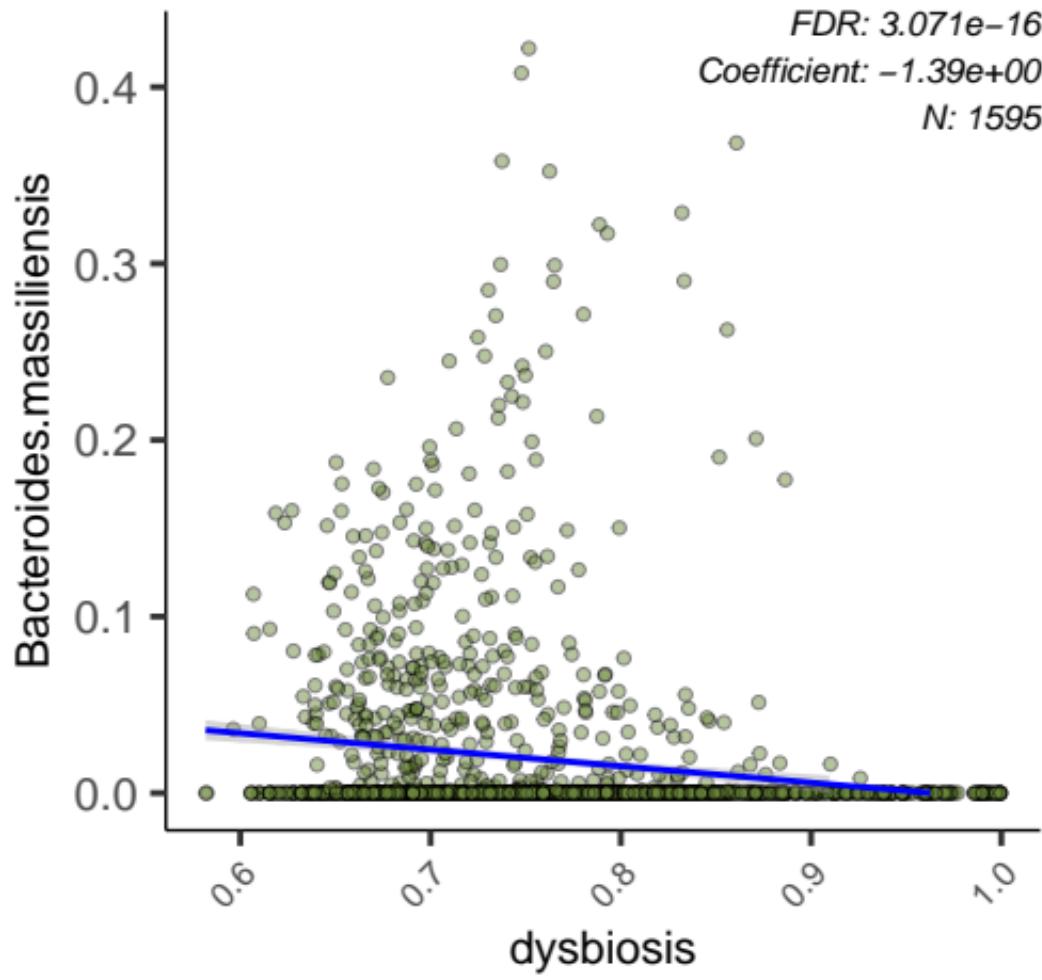
1.0

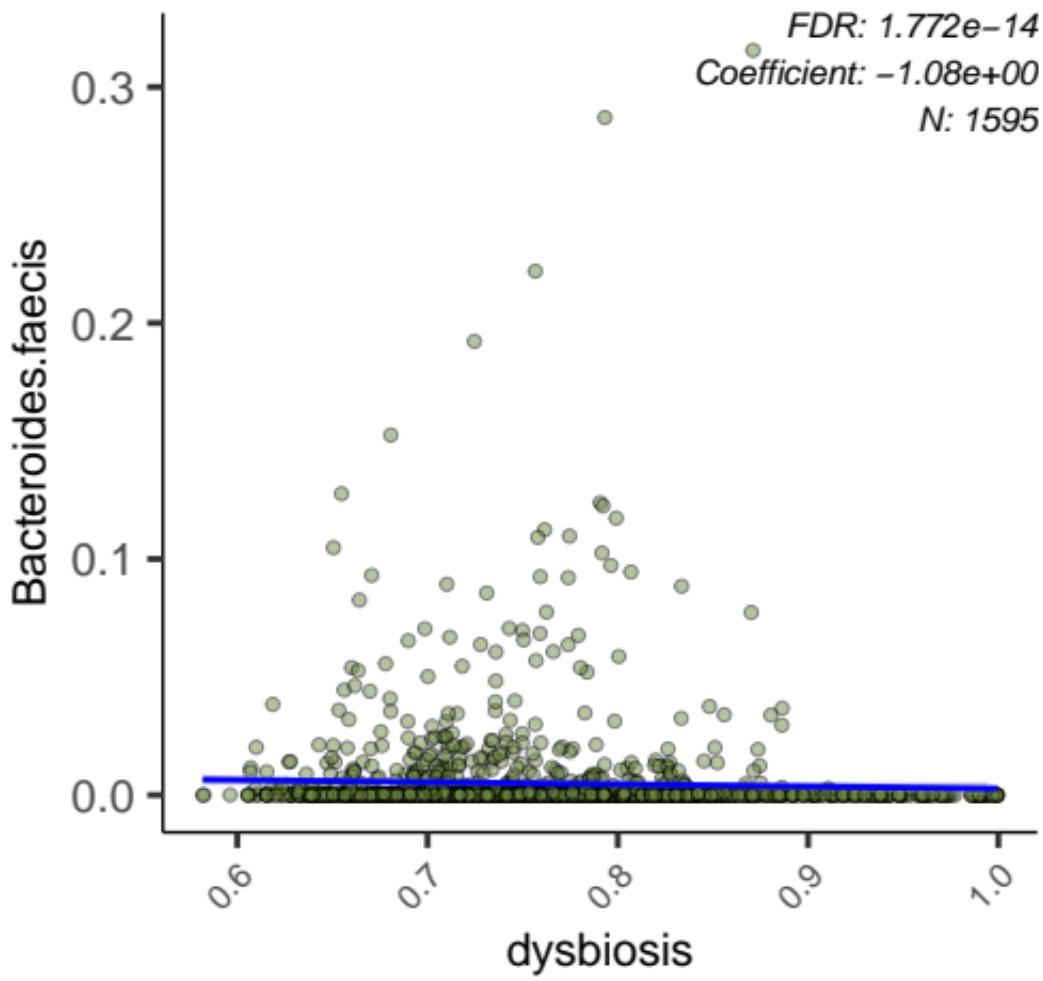
dysbiosis



Bacteroides.massiliensis

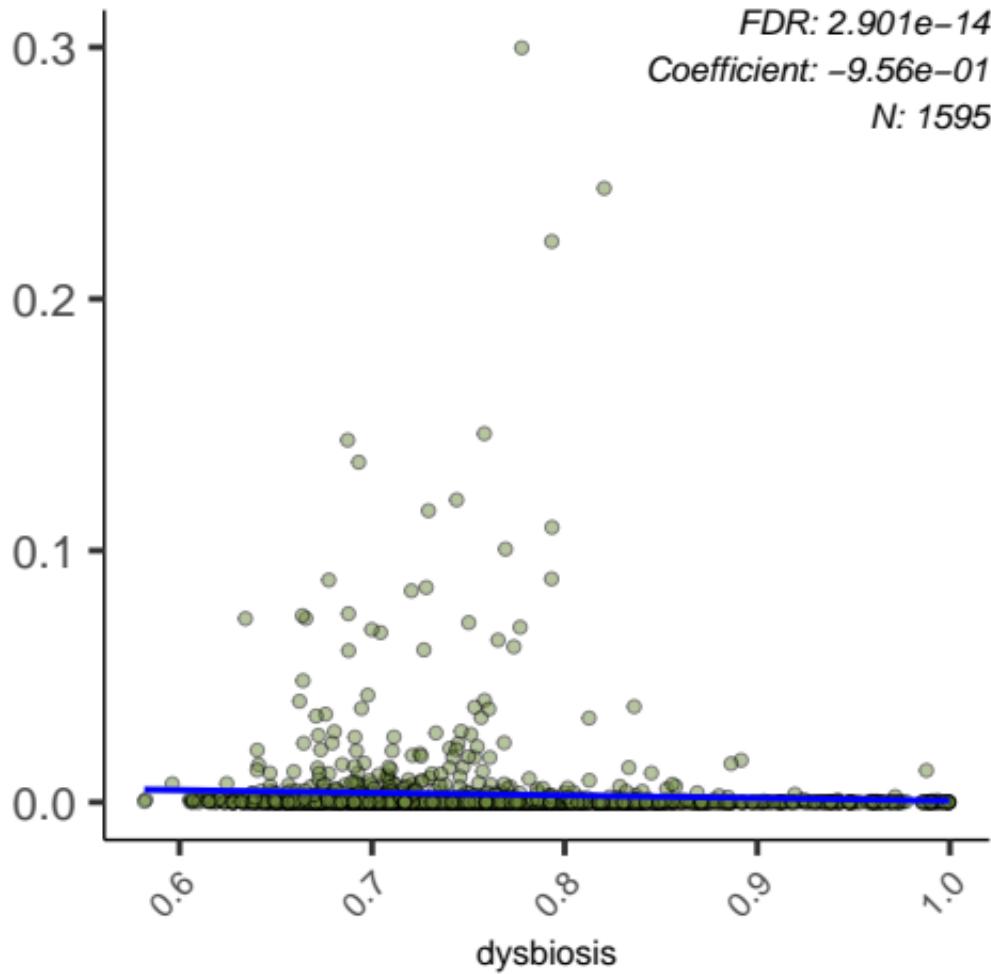
FDR:  $3.071e-16$   
Coefficient:  $-1.39e+00$   
 $N: 1595$





FDR:  $2.901e-14$   
Coefficient:  $-9.56e-01$   
 $N: 1595$

Bifidobacterium.adolescentis



FDR:  $9.787e-14$   
Coefficient:  $-1.22e+00$

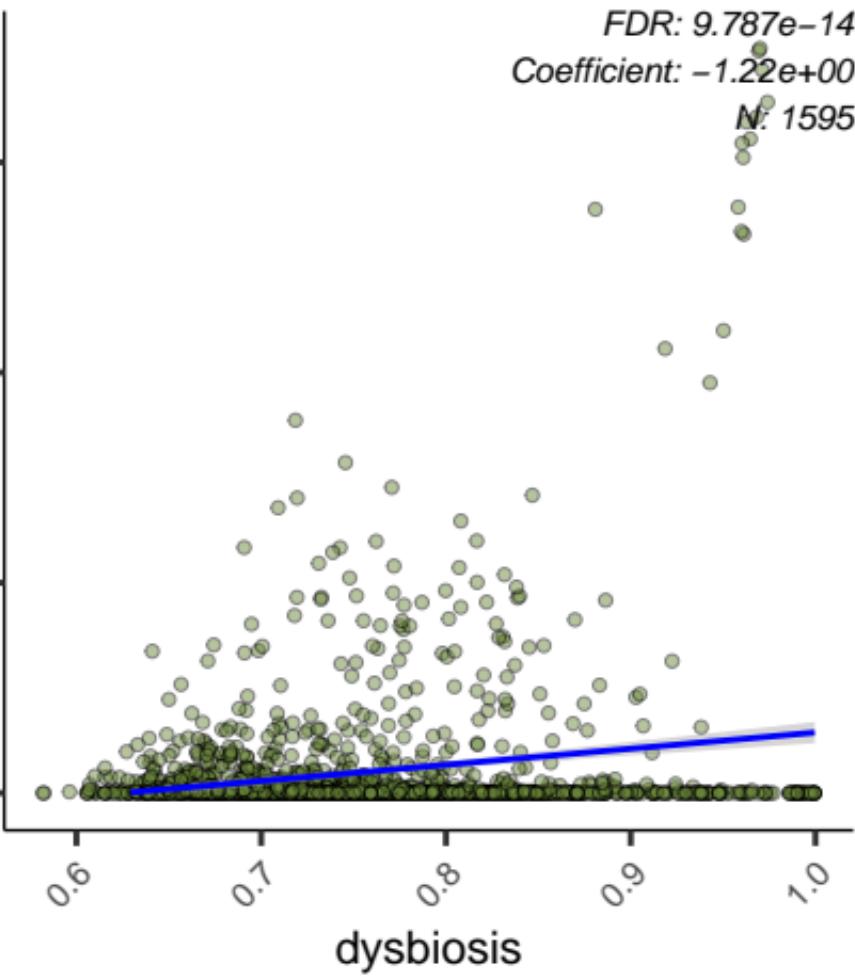
N: 1595

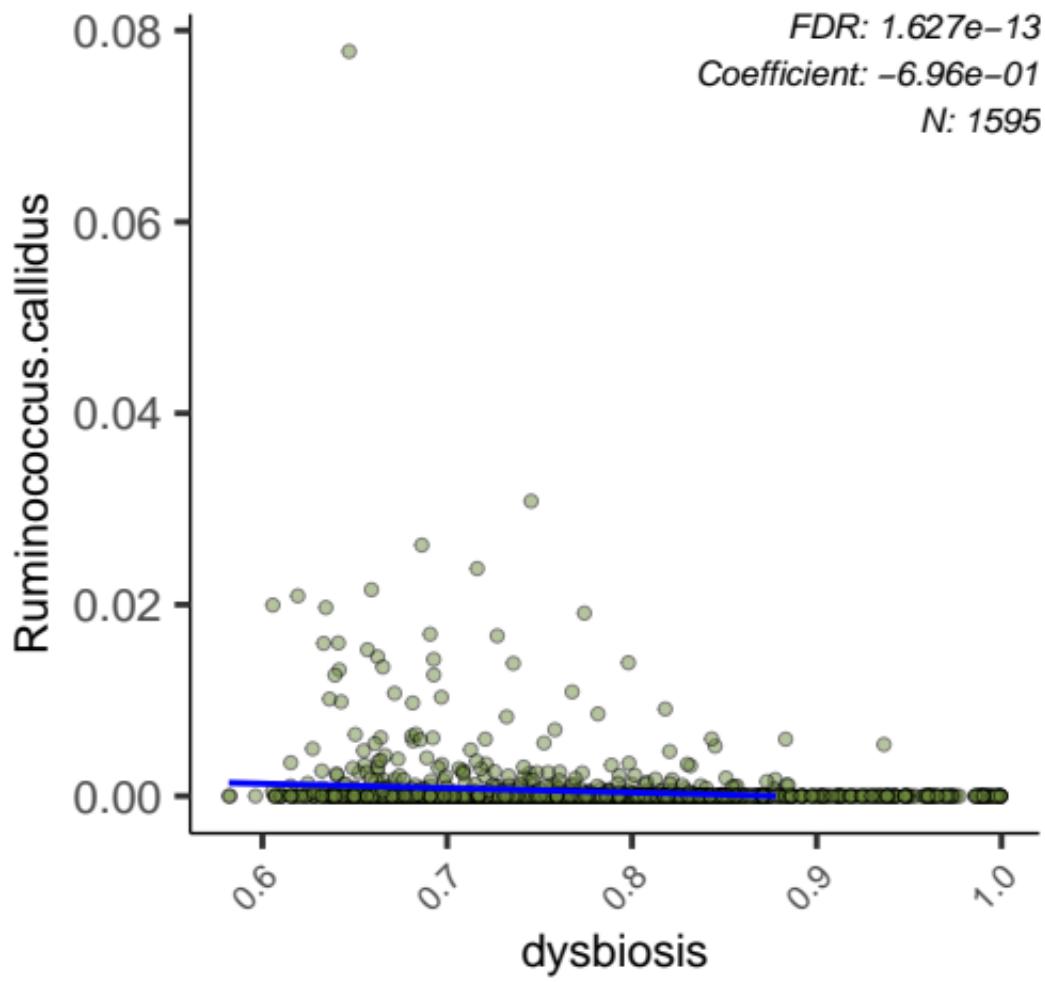
Bacteroides.dorei

0.75  
0.50  
0.25  
0.00

0.6 0.7 0.8 0.9 1.0

dysbiosis





FDR:  $7.977e-11$   
Coefficient:  $-8.09e-01$   
 $N: 1595$

Burkholderiales,bacterium.1.1.47

0.05

0.04

0.03

0.02

0.01

0.00

0.1

0.8

0.9

1.0

dysbiosis

0.6

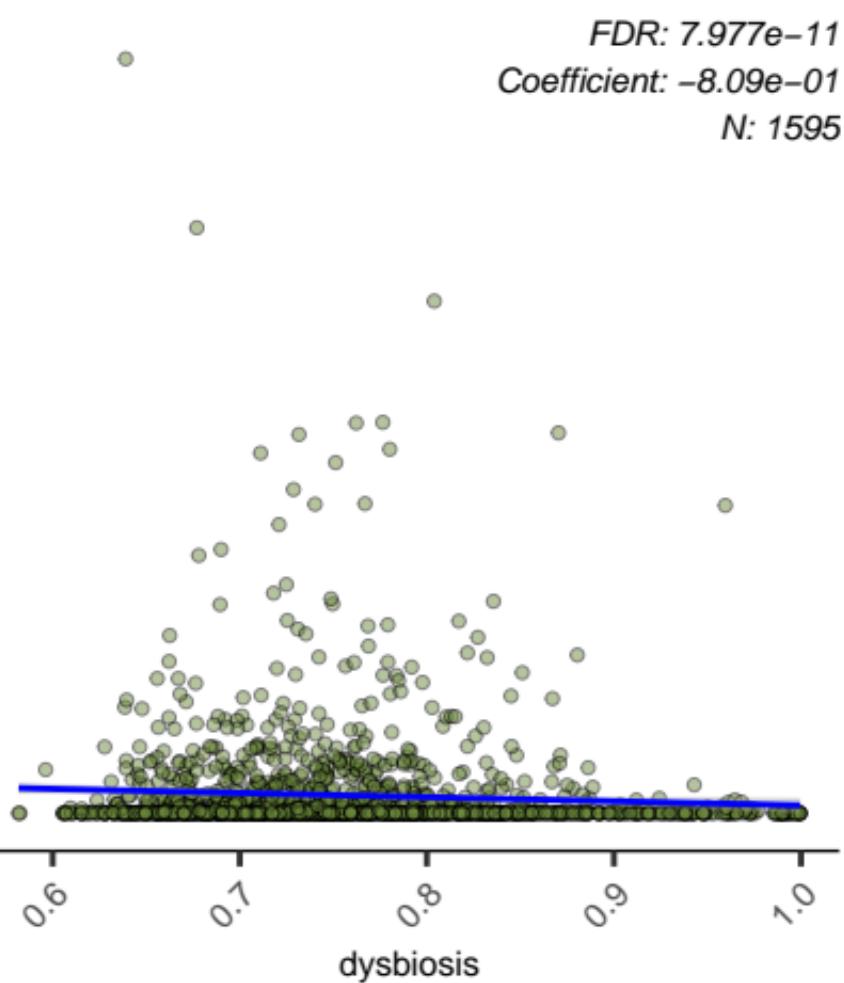
0.7

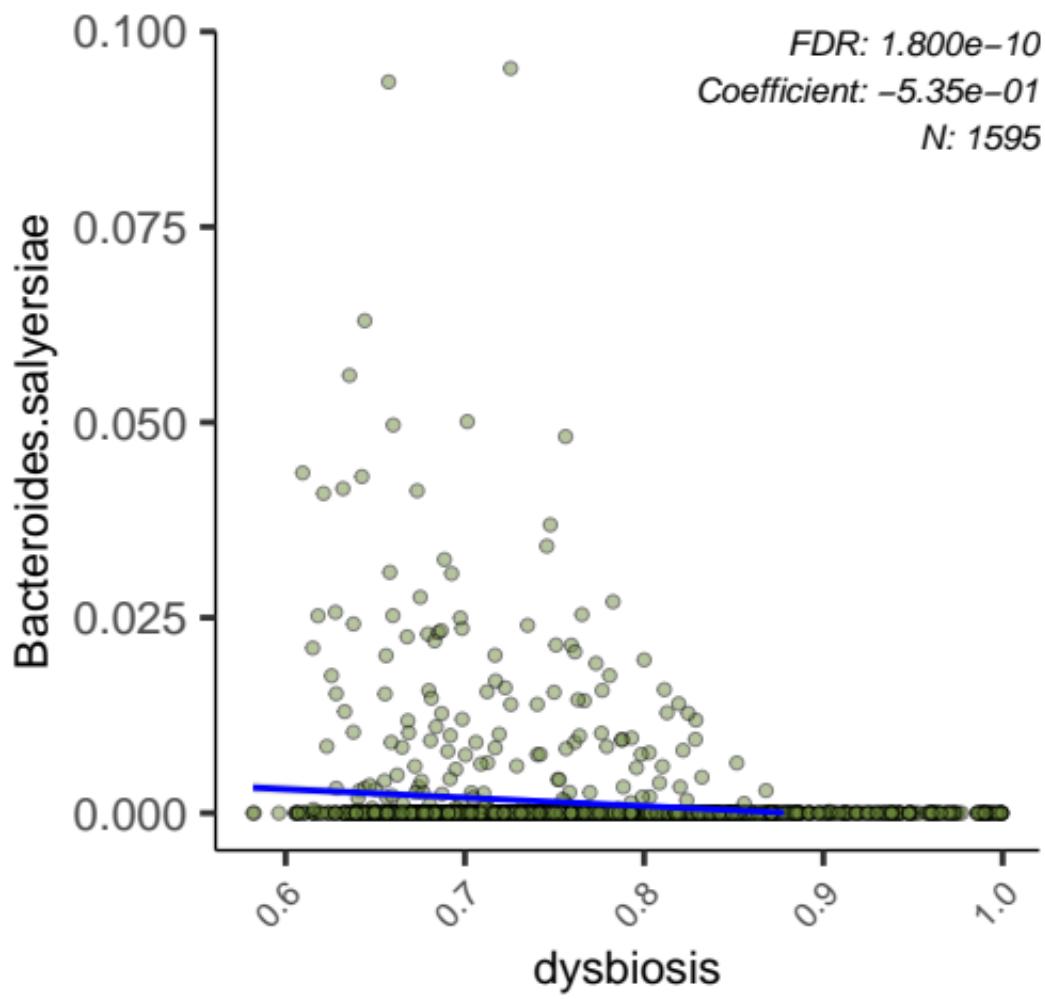
0.95

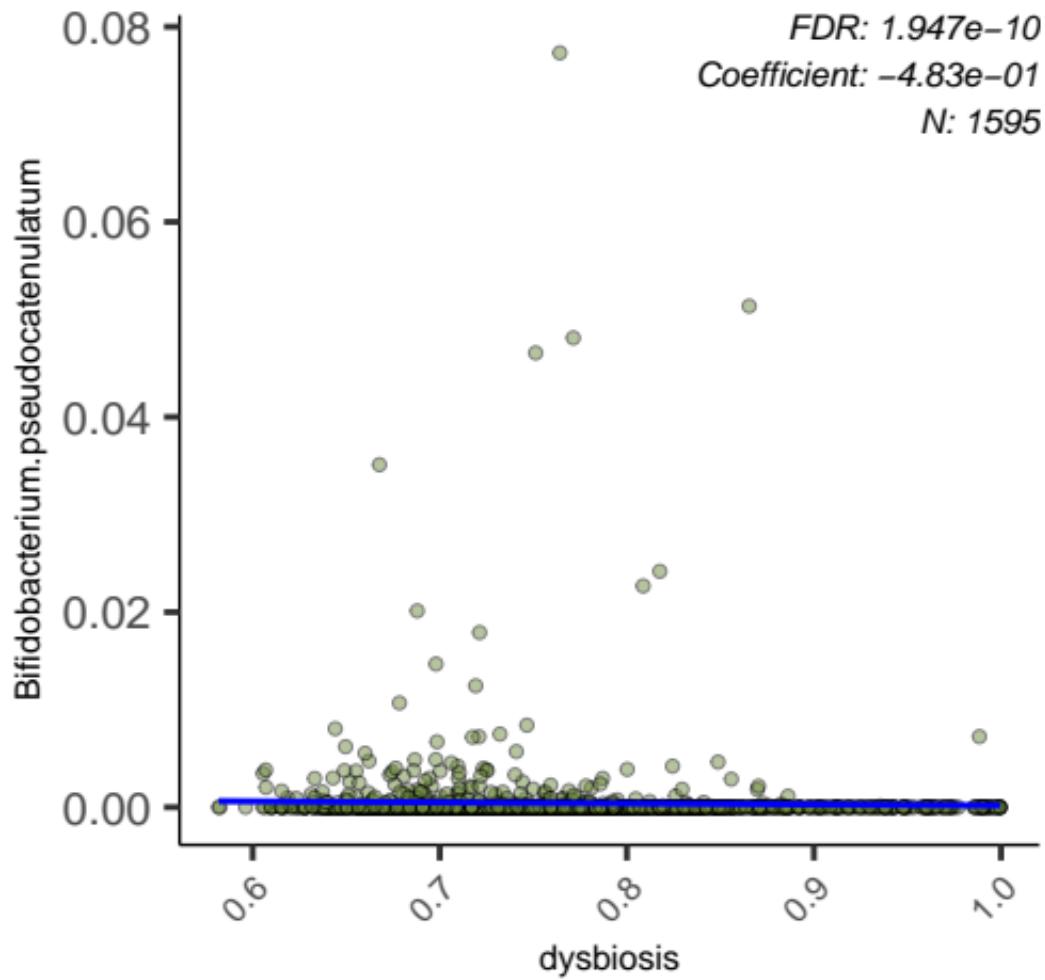
1.0

1.0

1.0







FDR:  $1.108e-09$   
Coefficient:  $-4.95e-01$   
 $N: 1595$

Bacteroides.intestinalis

0.09

0.06

0.03

0.00

dysbiosis

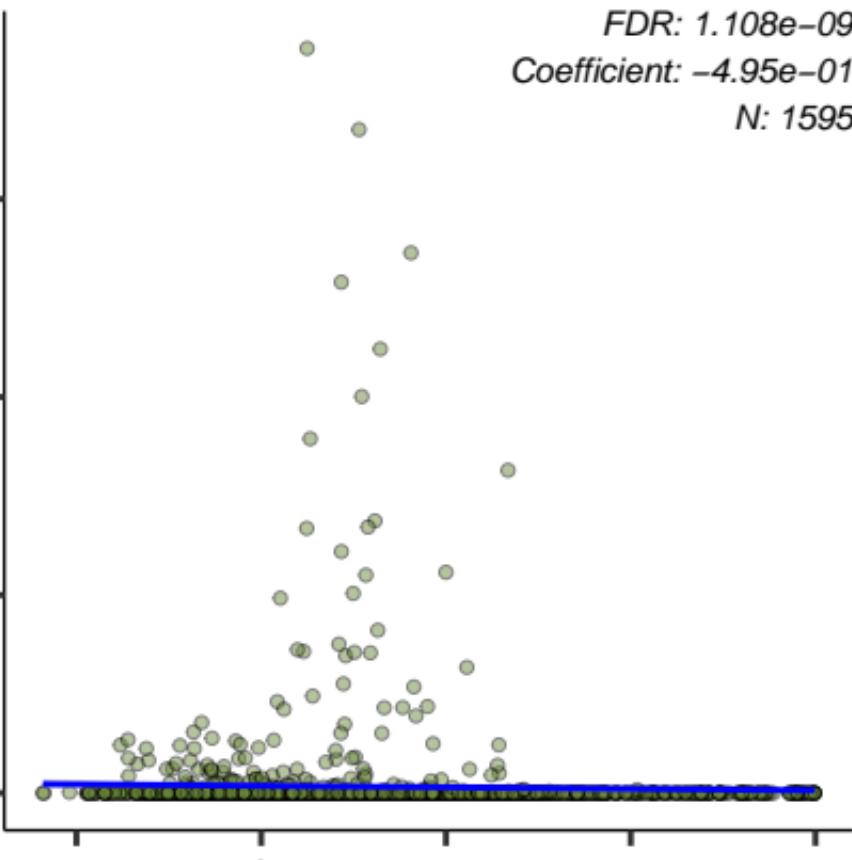
0.6

0.7

0.8

0.9

1.0



FDR: 2.186e-08  
Coefficient: 7.01e-01  
N: 1595

*Veillonella.parvula*

0.4

0.2

0.0

0.6

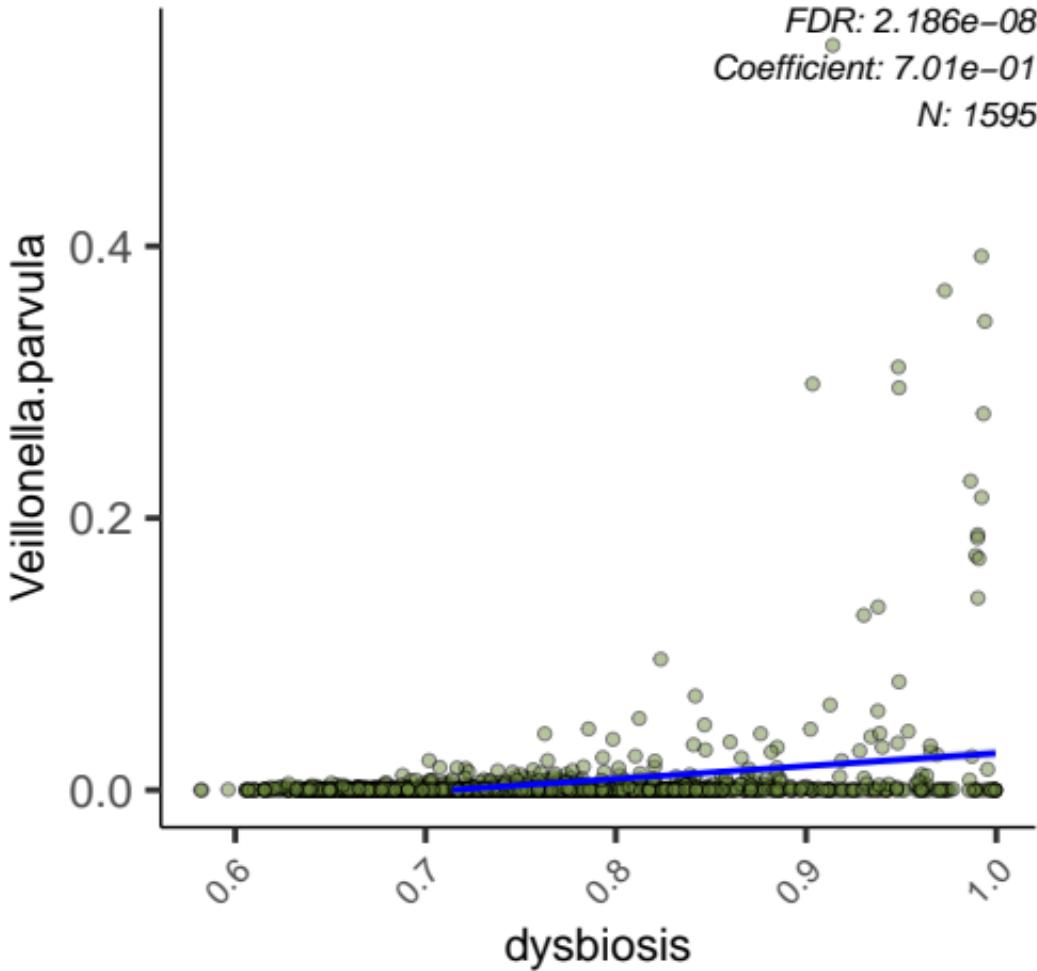
0.7

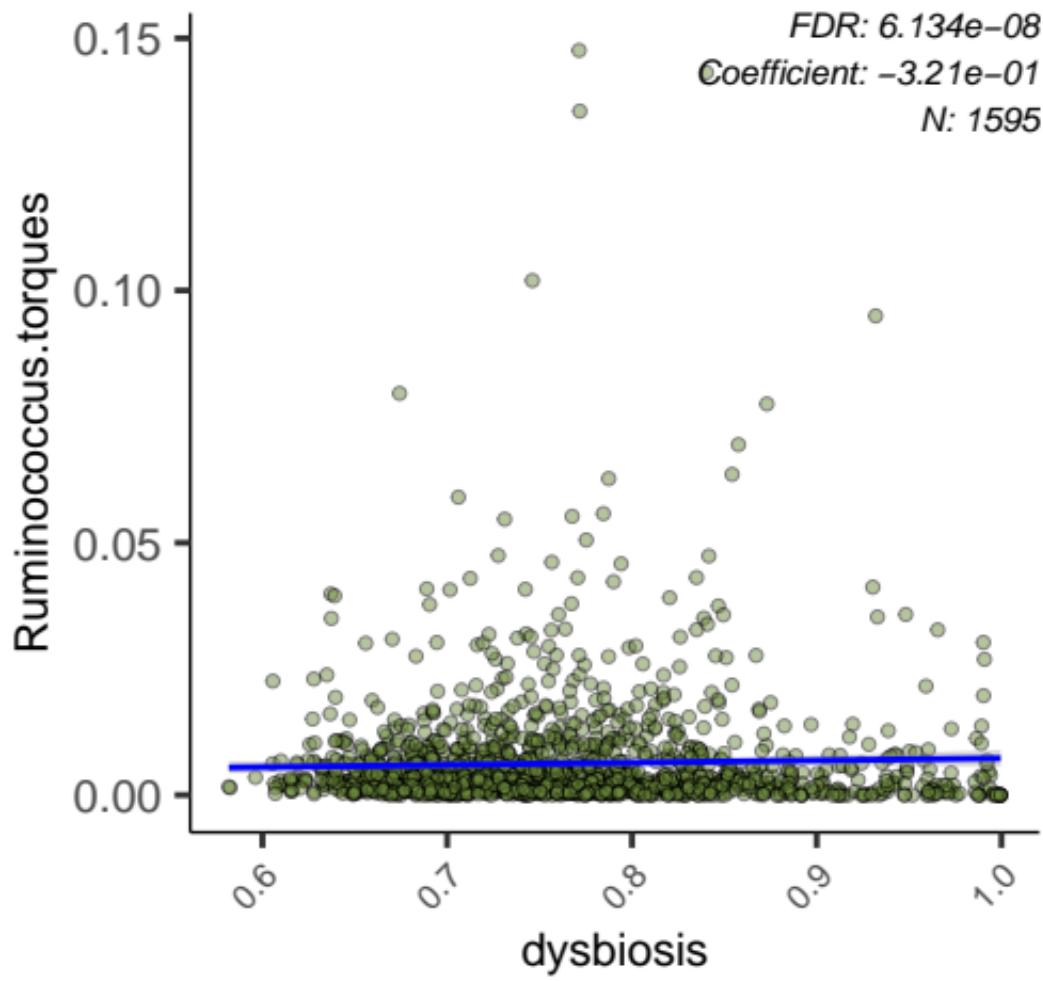
0.8

0.9

1.0

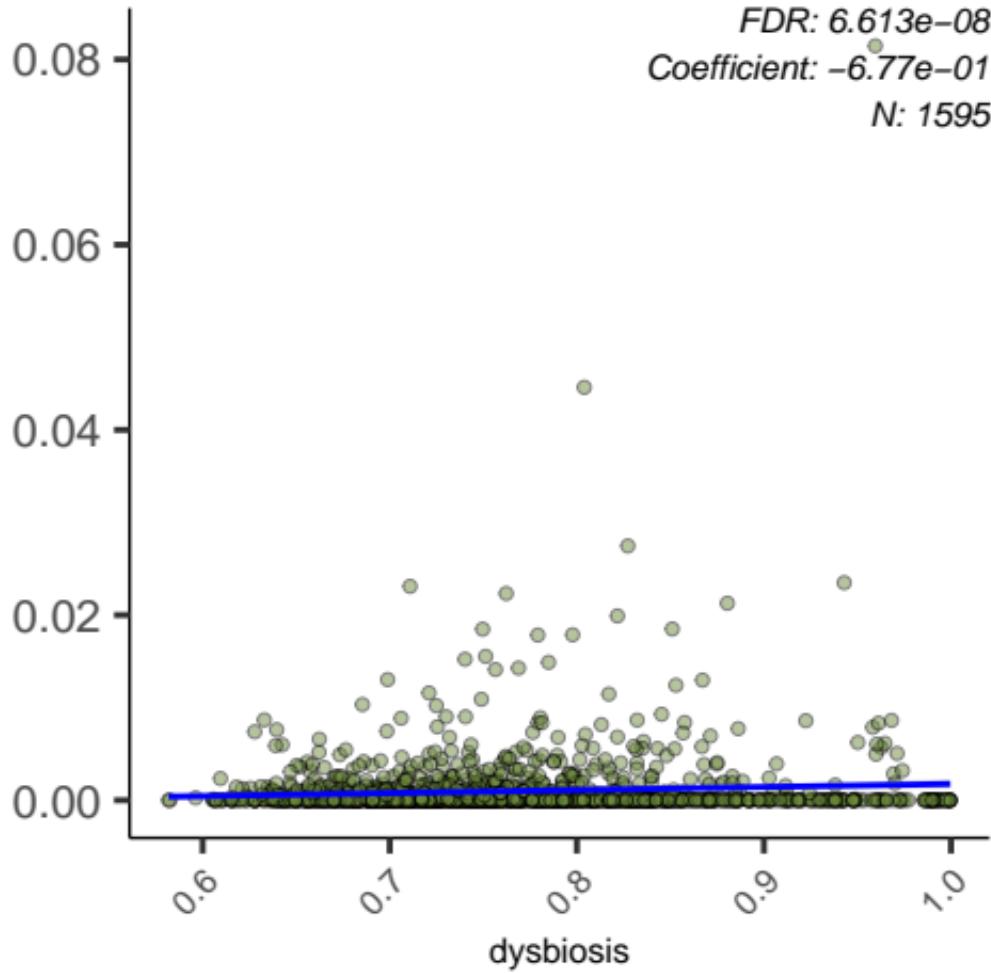
dysbiosis

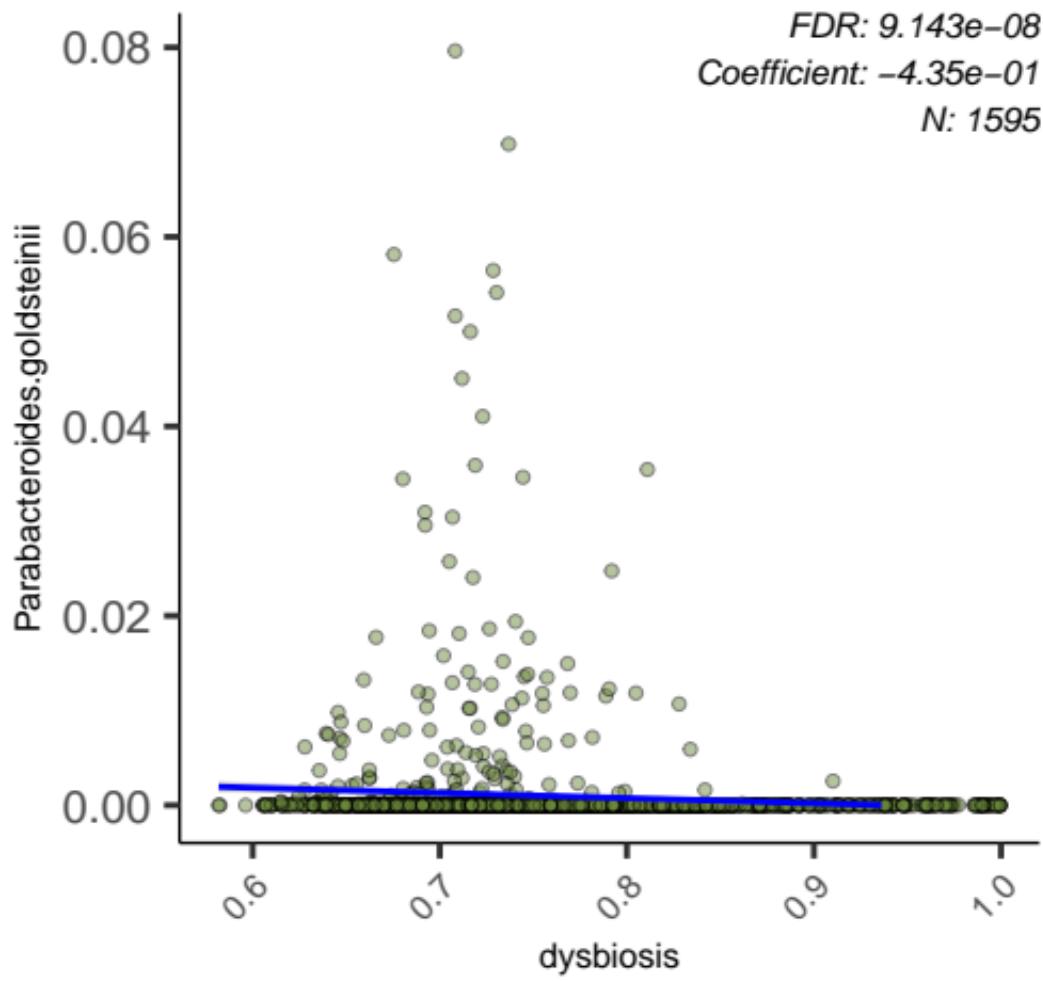


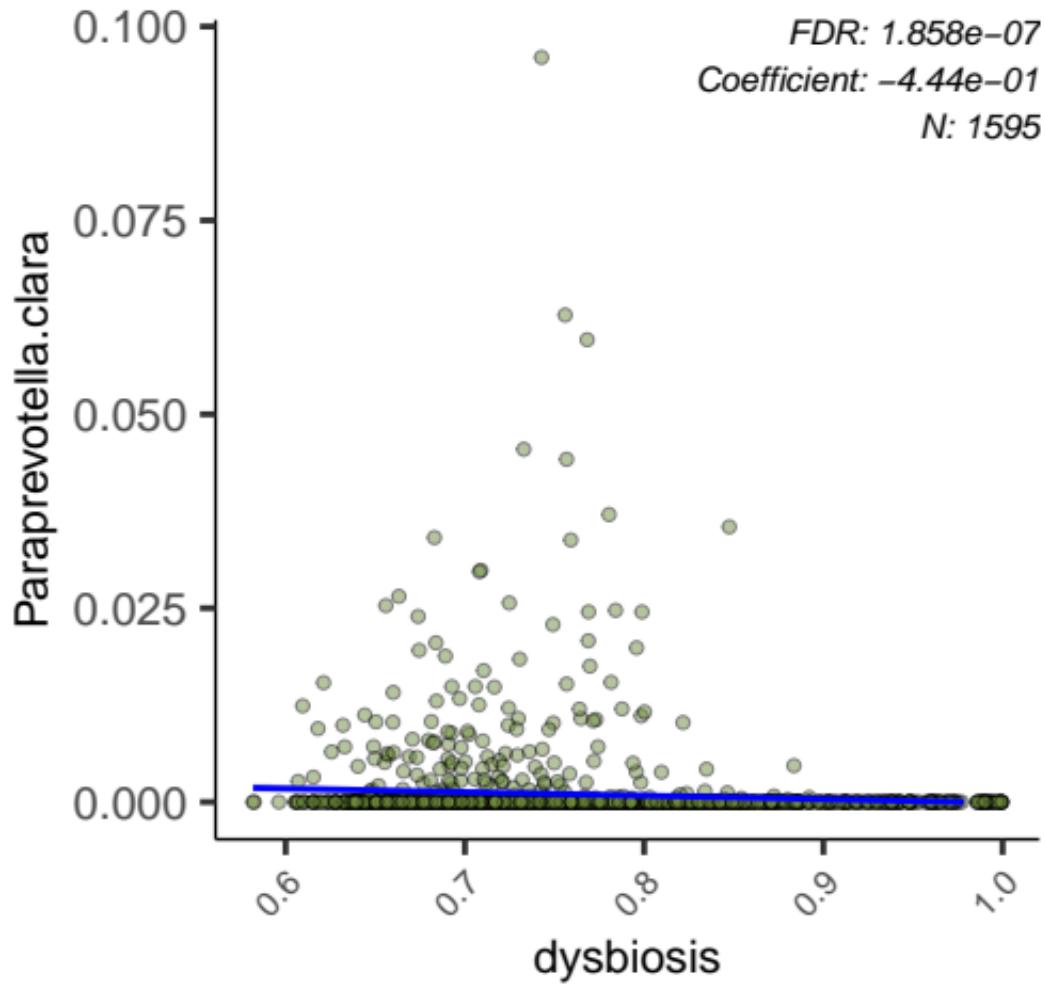


FDR:  $6.613e-08$   
Coefficient:  $-6.77e-01$   
N: 1595

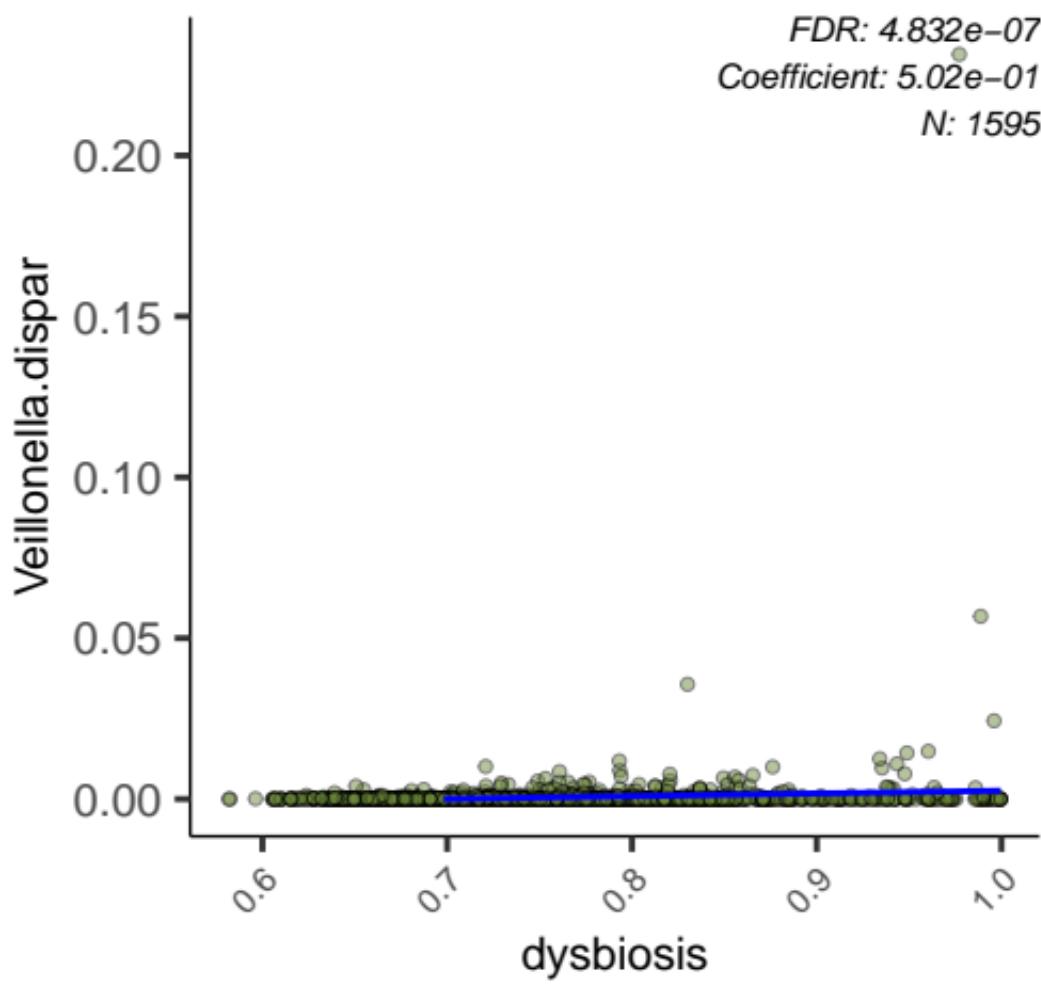
*Parasutterella.exrementihominis*

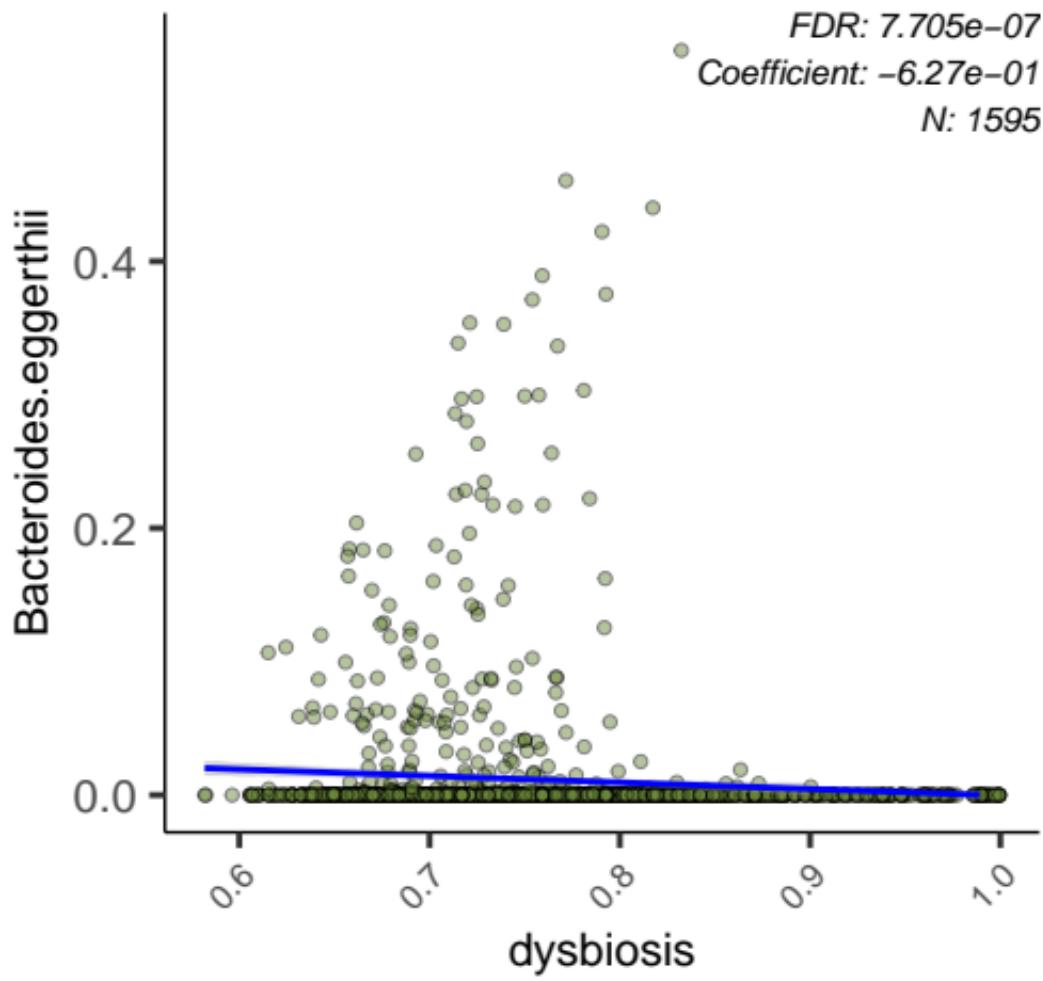


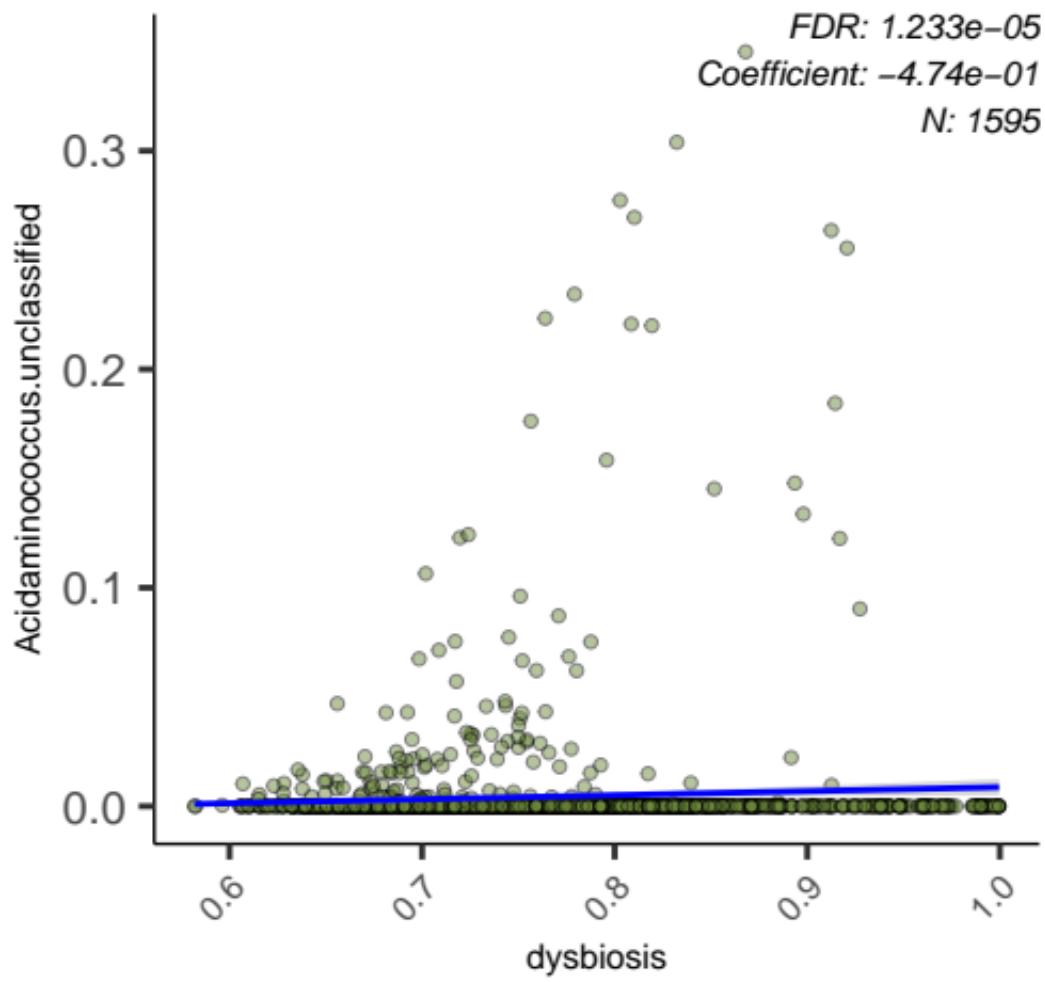




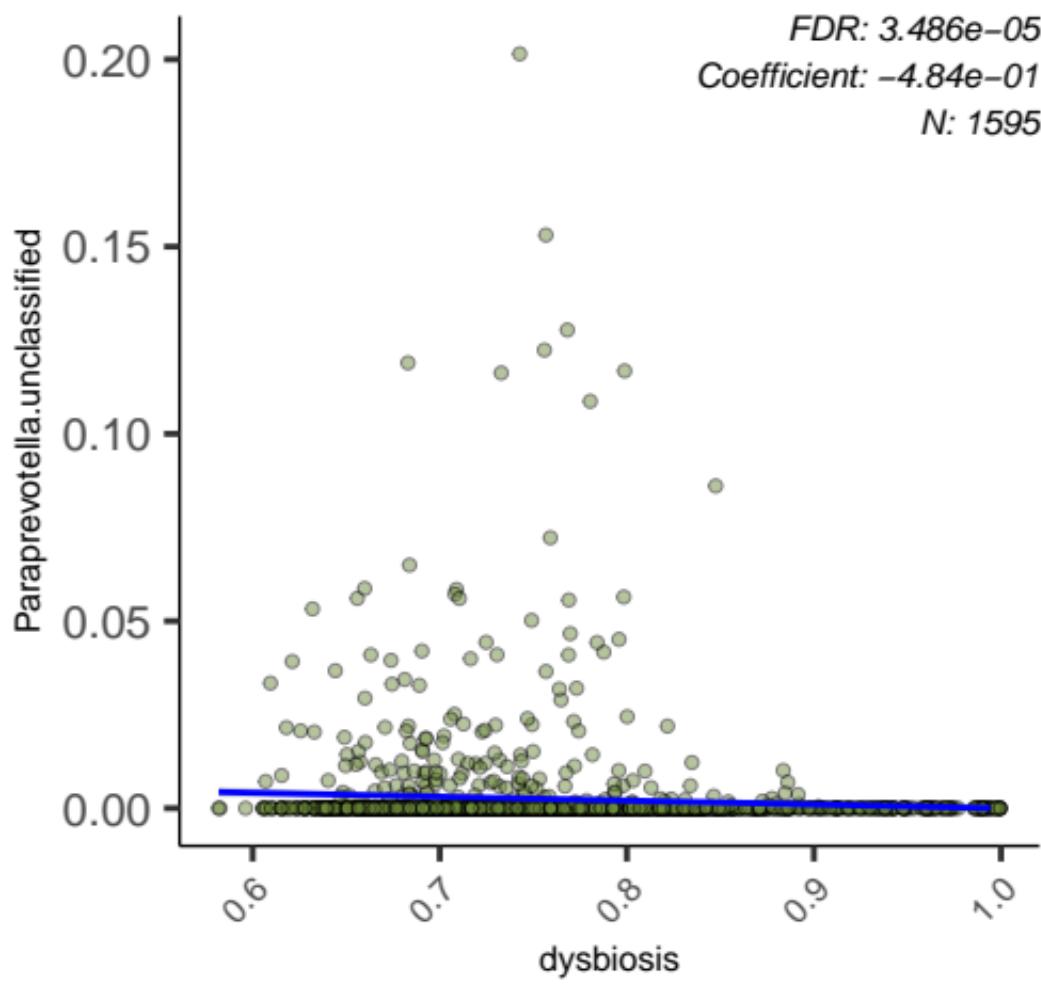
FDR:  $4.832e-07$   
Coefficient:  $5.02e-01$   
 $N: 1595$

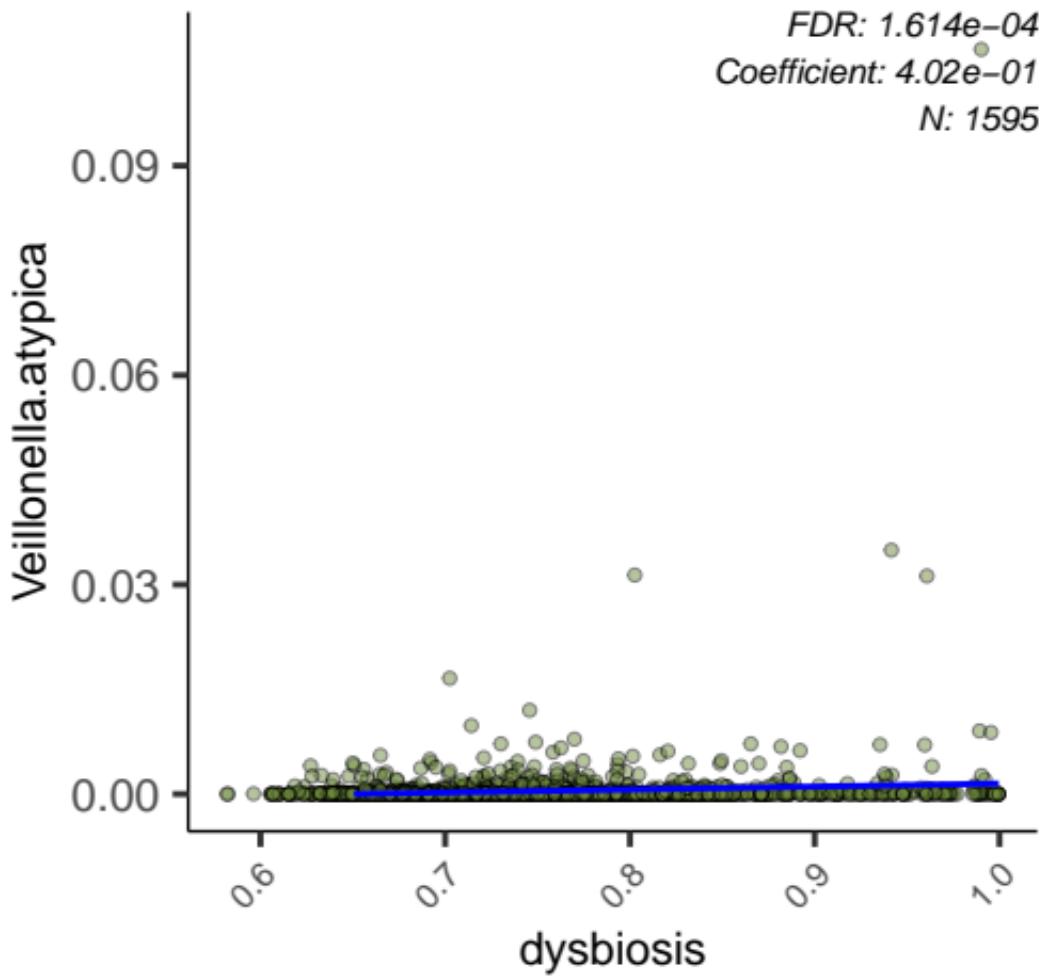


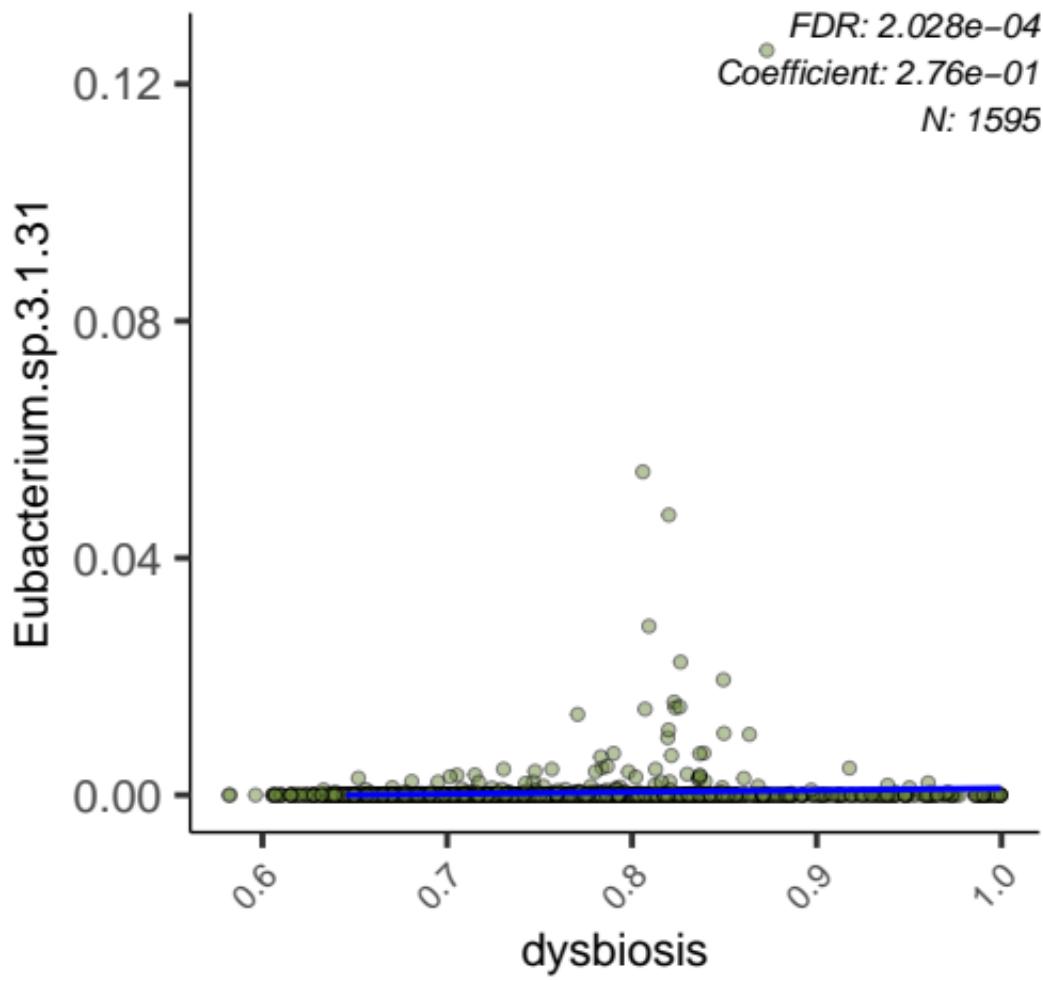


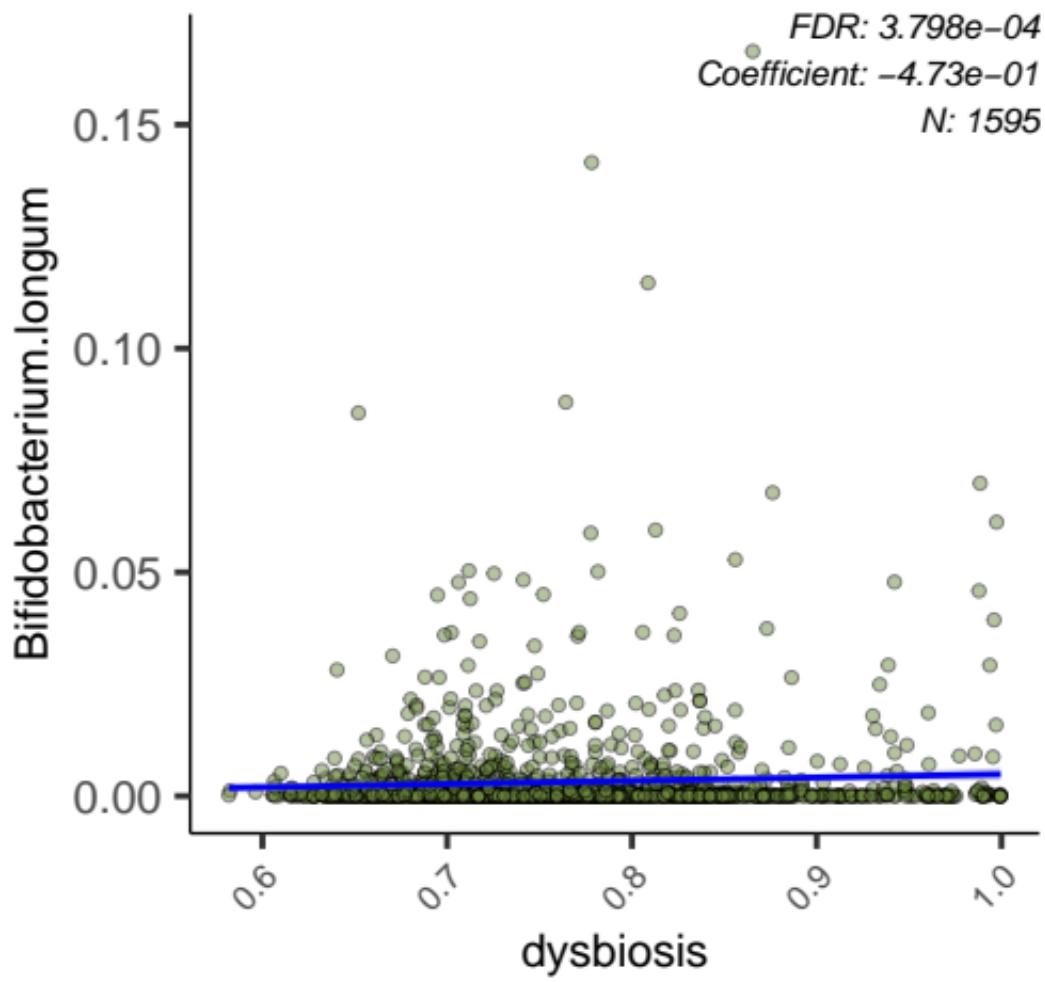


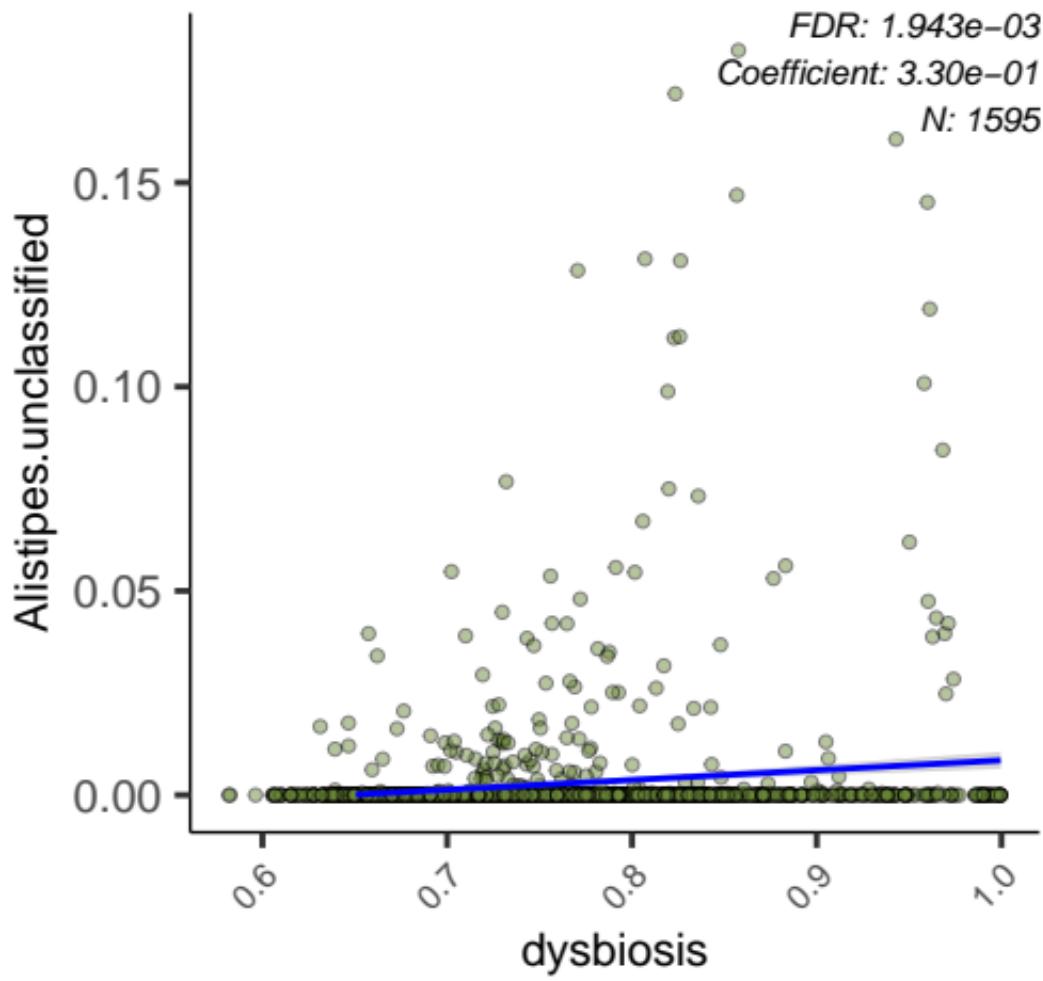
FDR:  $3.486e-05$   
Coefficient:  $-4.84e-01$   
 $N: 1595$

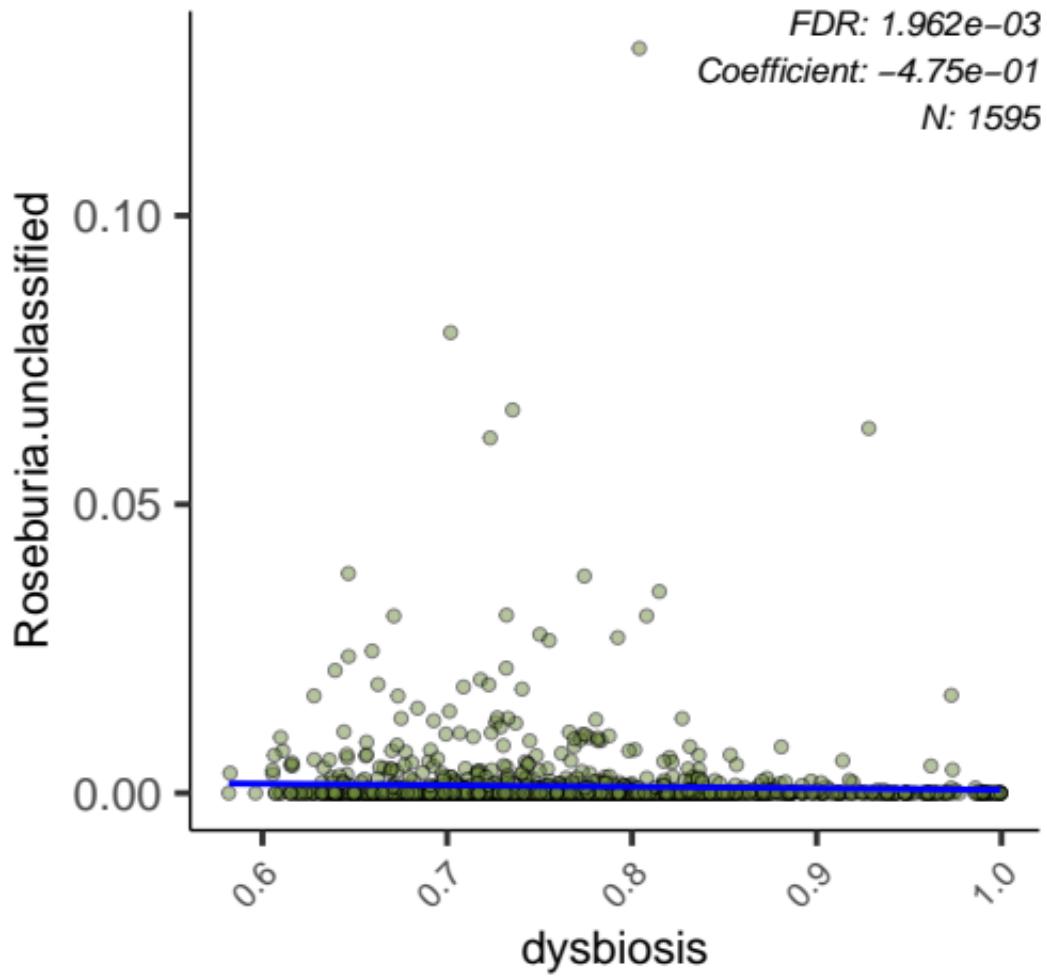


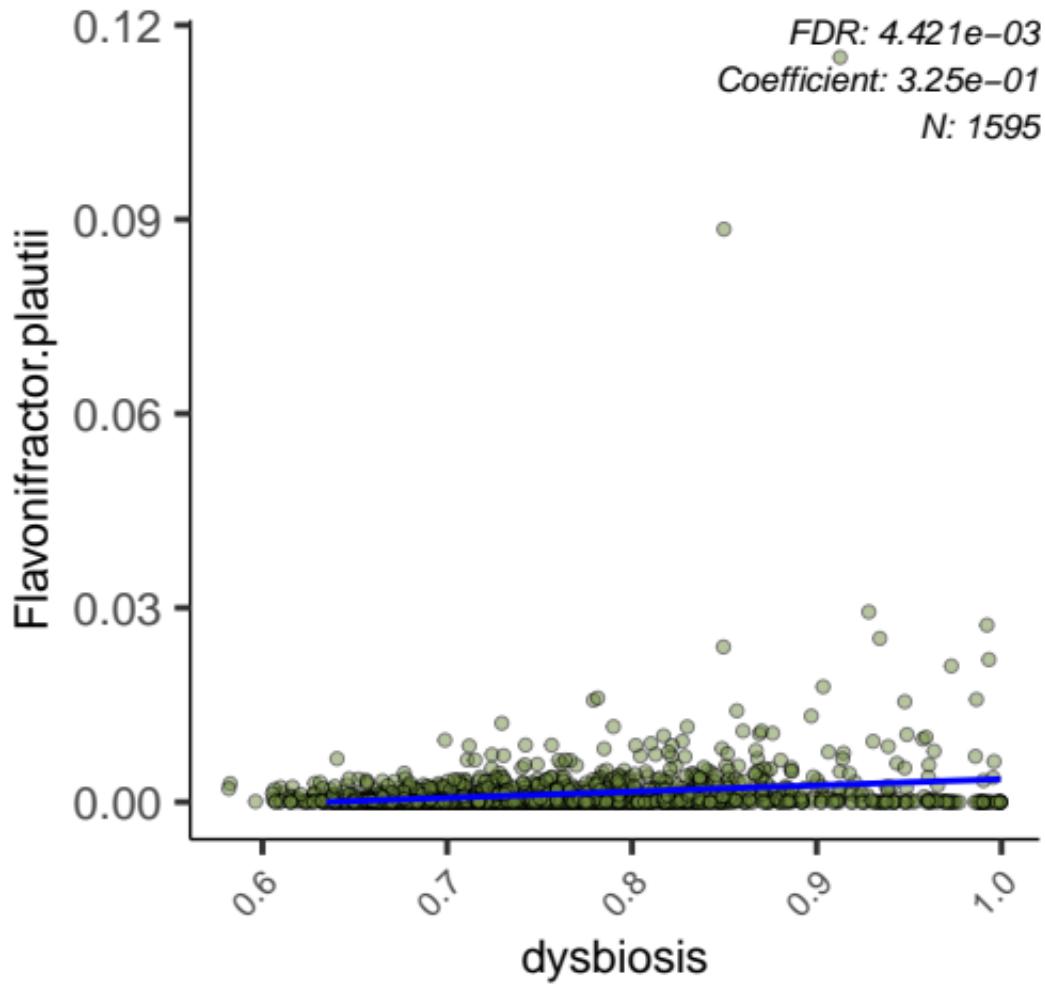












FDR:  $7.018e-03$   
Coefficient:  $-2.05e-01$   
N: 1595

Coprobacter.fastidiosus

0.10

0.05

0.00

0.6

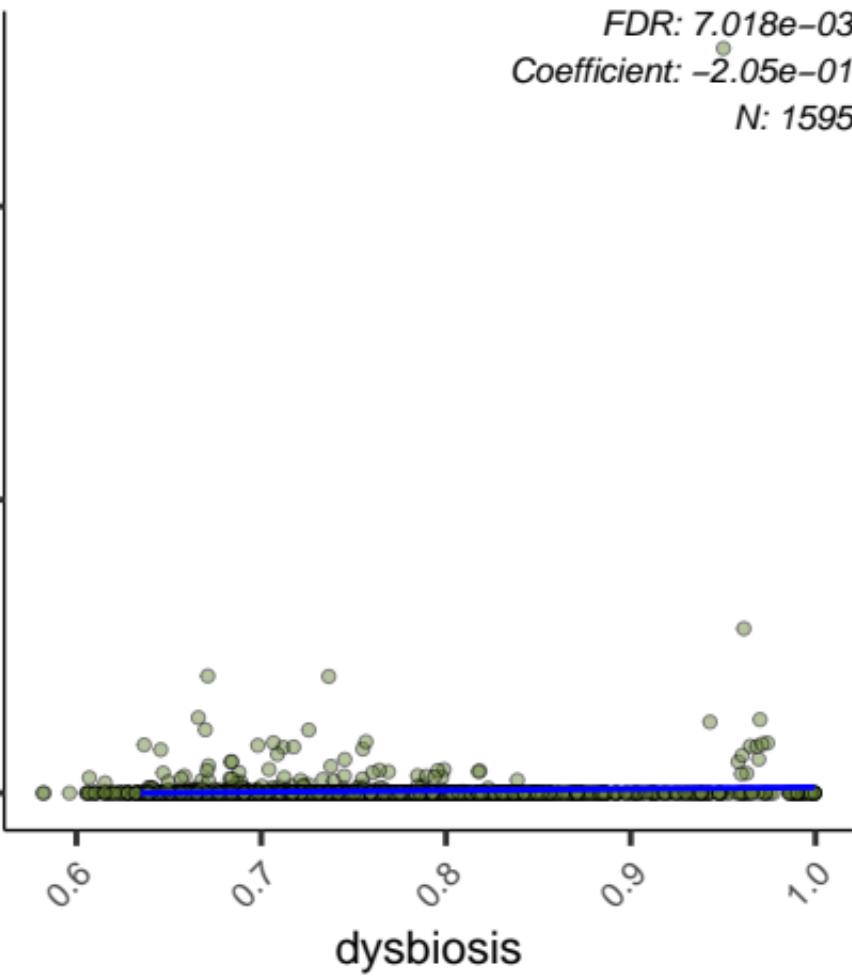
0.7

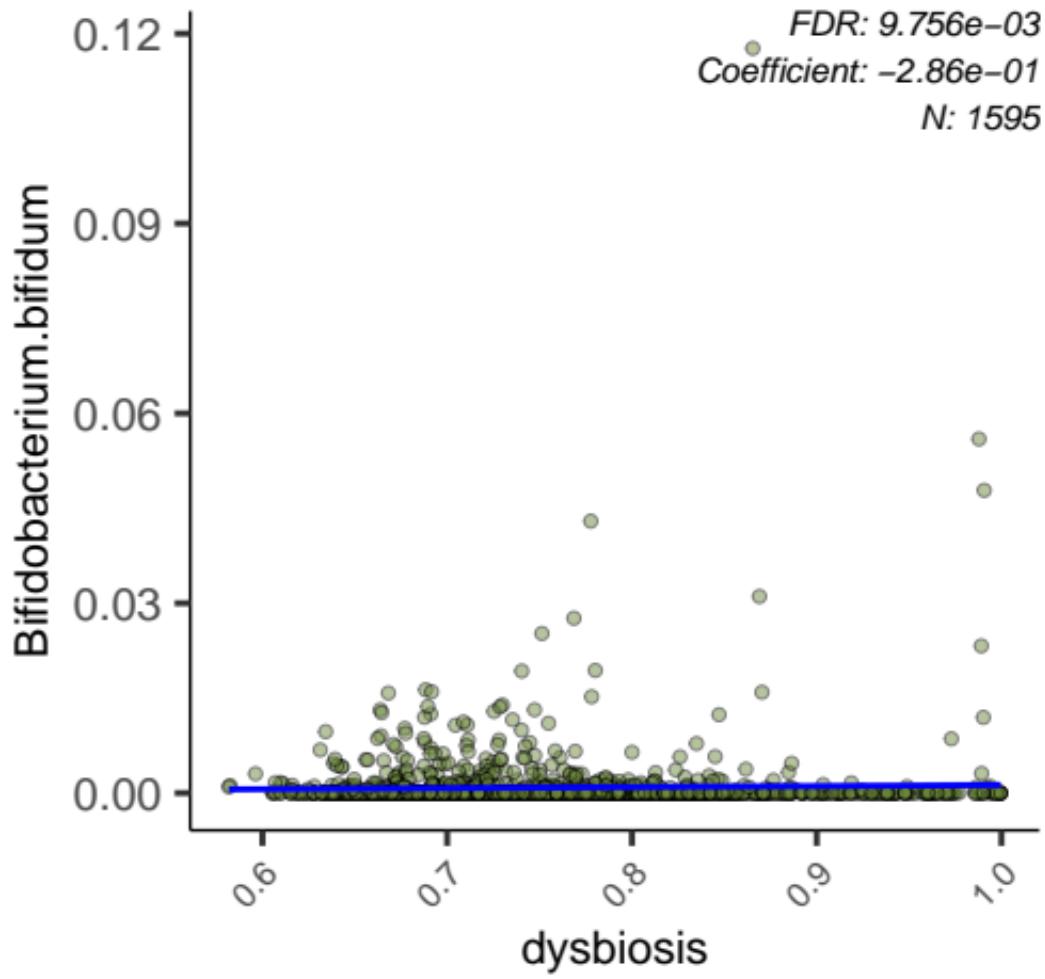
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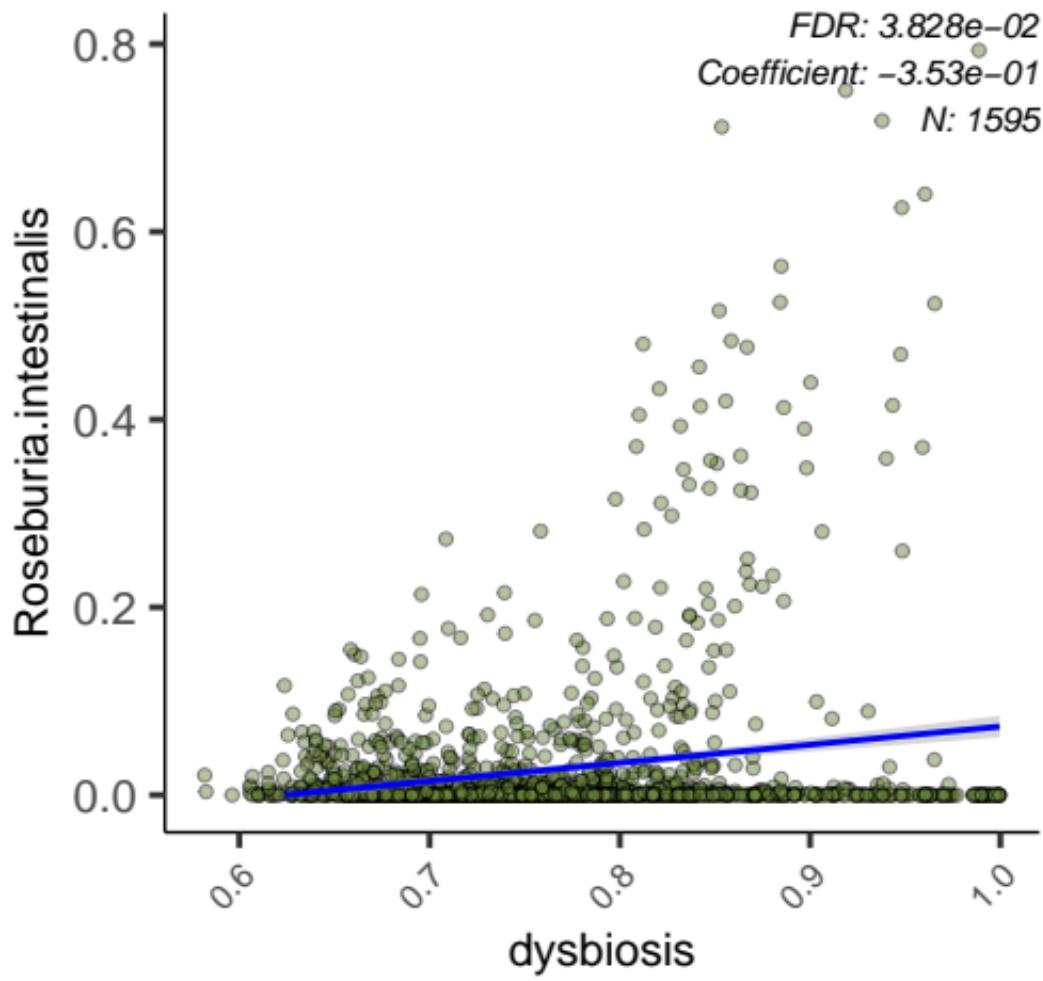
0.9

1.0

dysbiosis



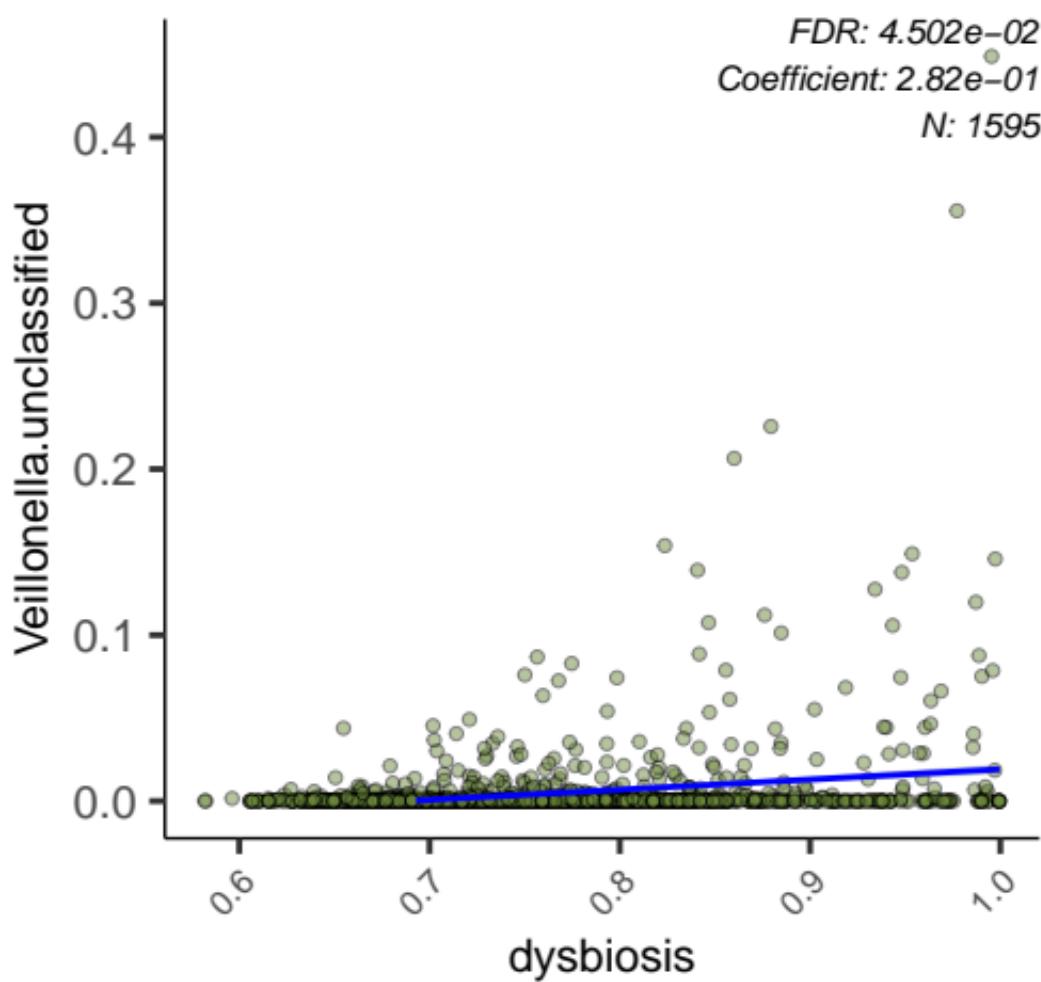


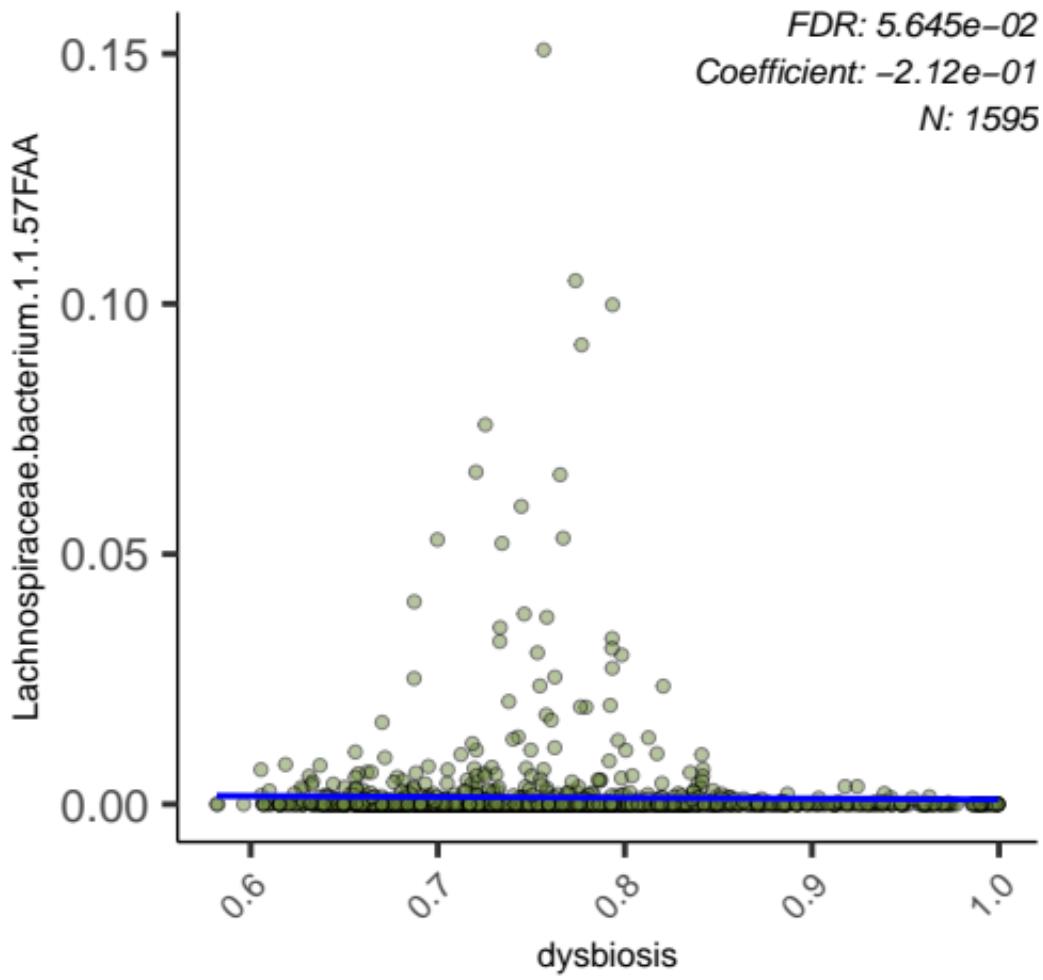


FDR: 4.502e-02

Coefficient:  $2.82e-01$

N: 1595





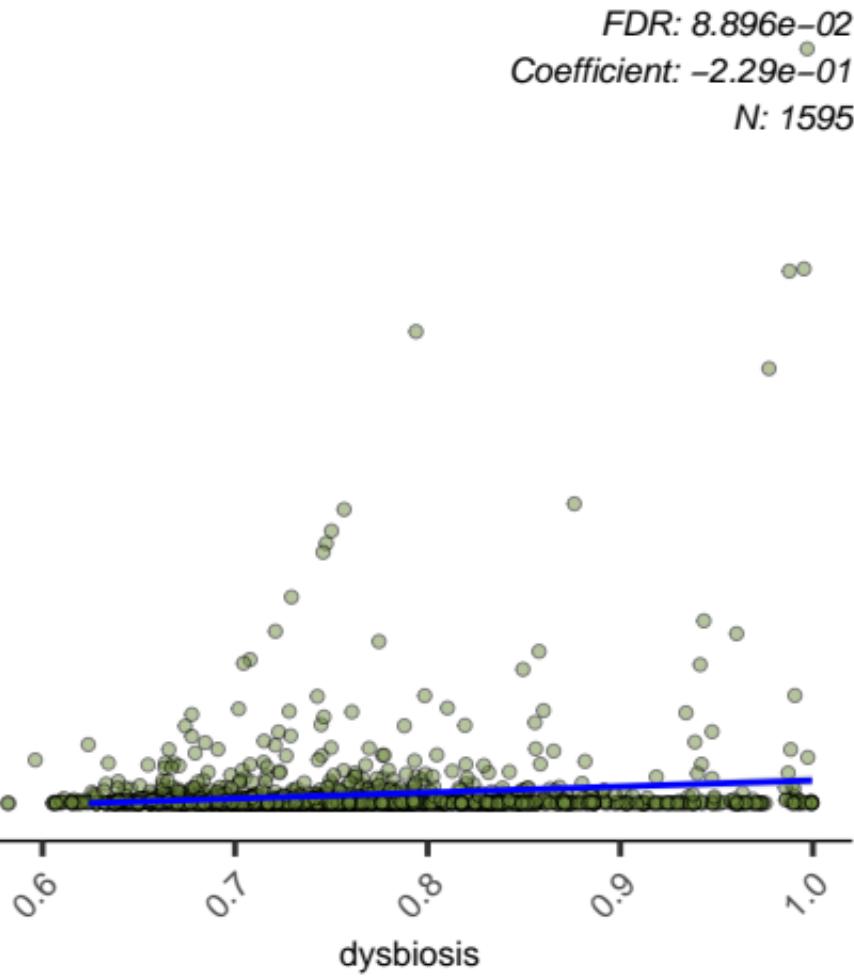
FDR: 8.896e-02  
Coefficient: -2.29e-01  
N: 1595

*Haemophilus.parainfluenzae*

0.3  
0.2  
0.1  
0.0

0.6 0.7 0.8 0.9 1.0

dysbiosis



FDR:  $1.961e-01$   
Coefficient:  $1.16e-01$   
 $N: 1595$

C2likevirus.unclassified

0.4

0.2

0.0

0.6

0.7

0.8

0.9

1.0

dysbiosis

