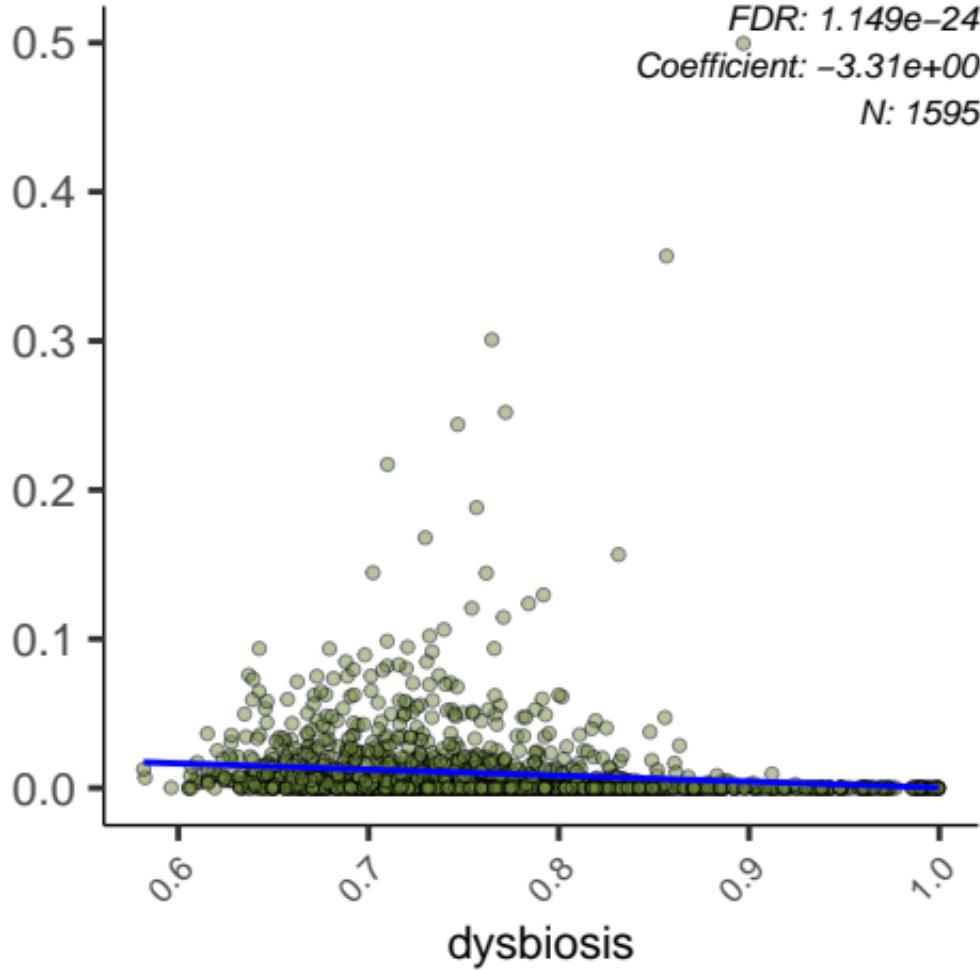
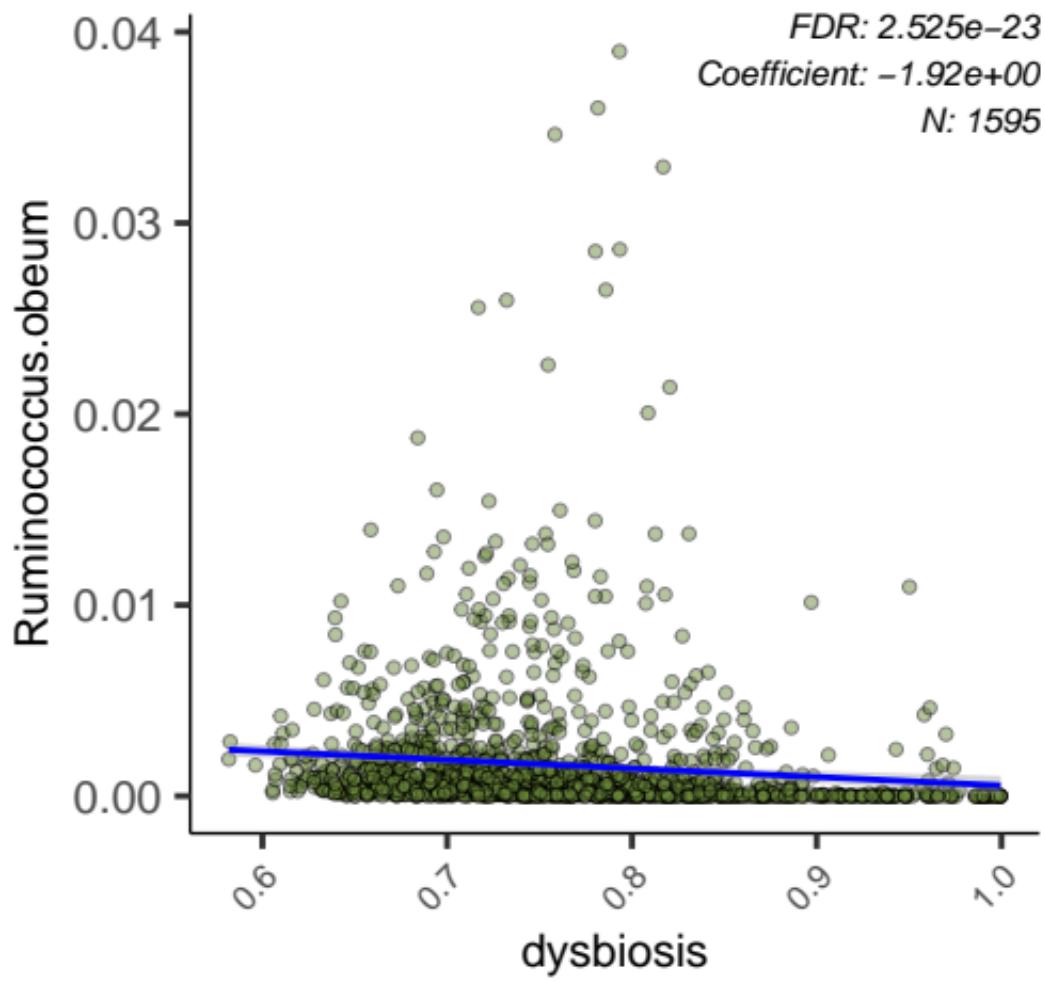
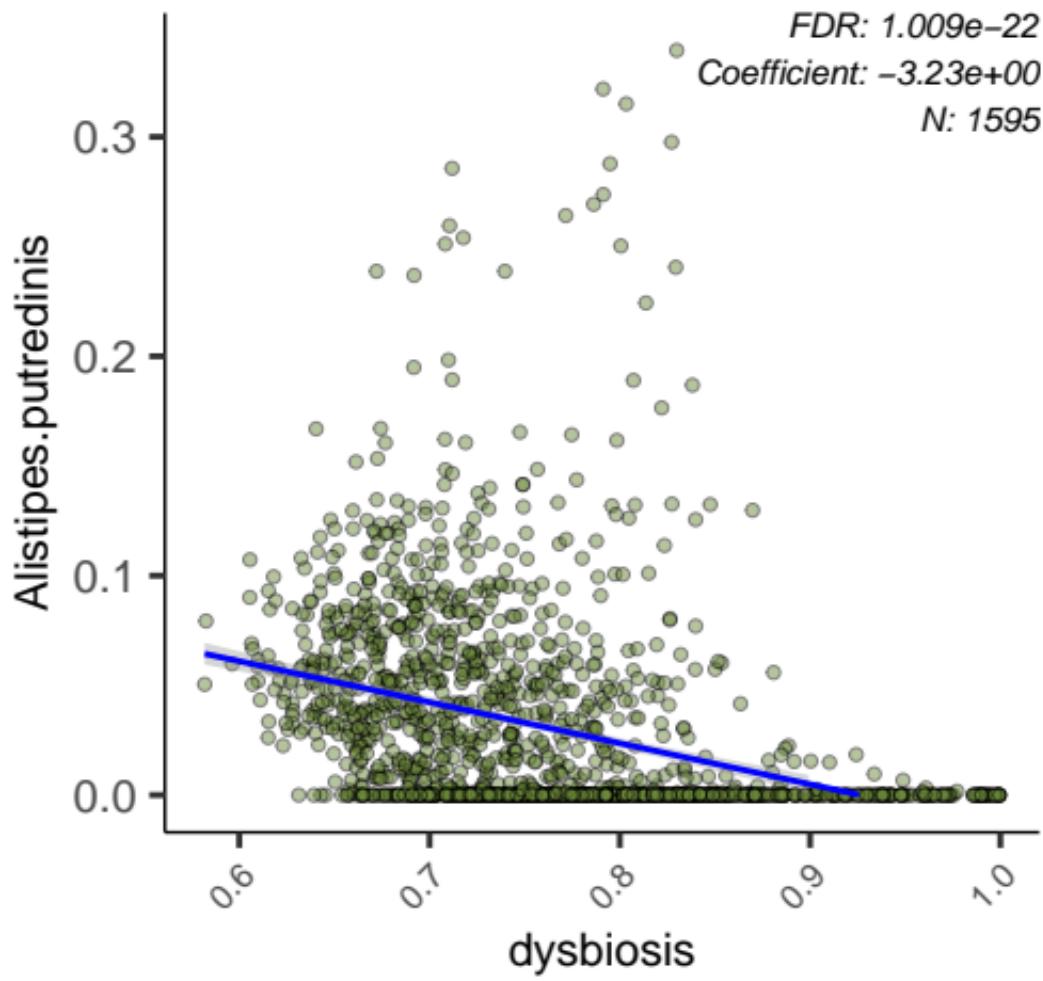


FDR: 1.149e-24  
Coefficient: -3.31e+00  
N: 1595

Alistipes.onderdonkii

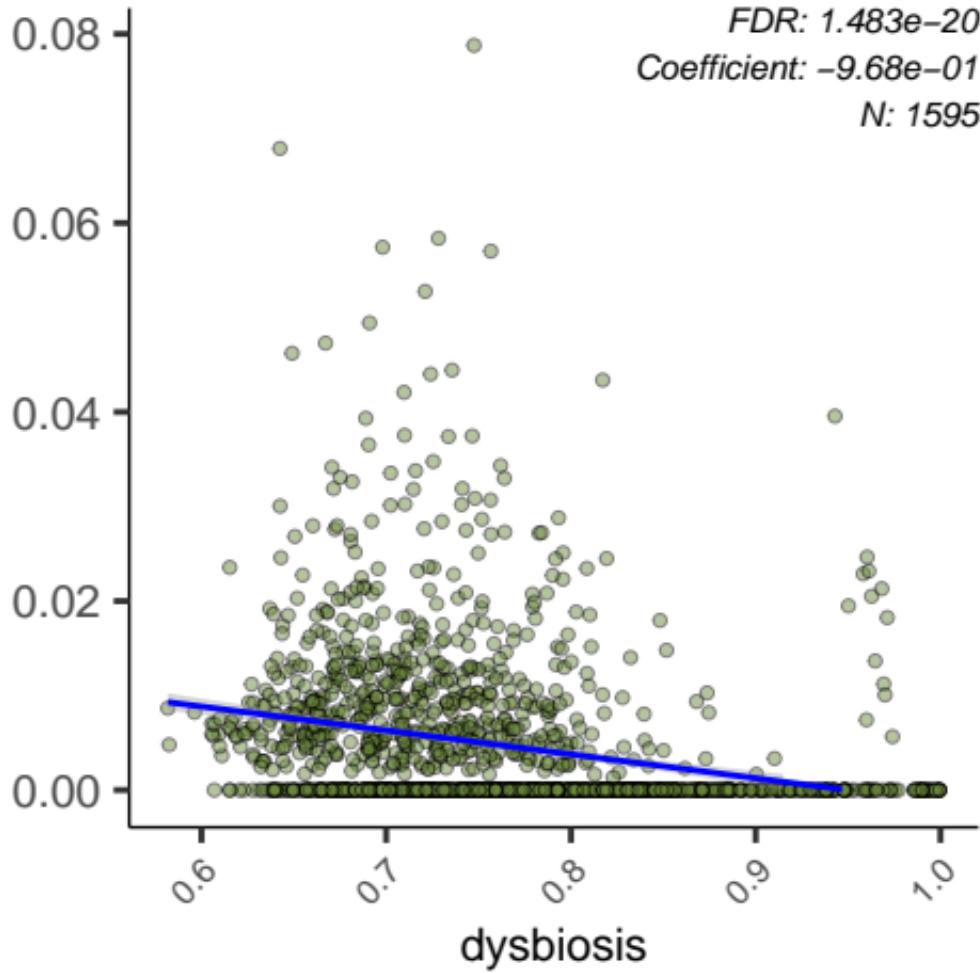


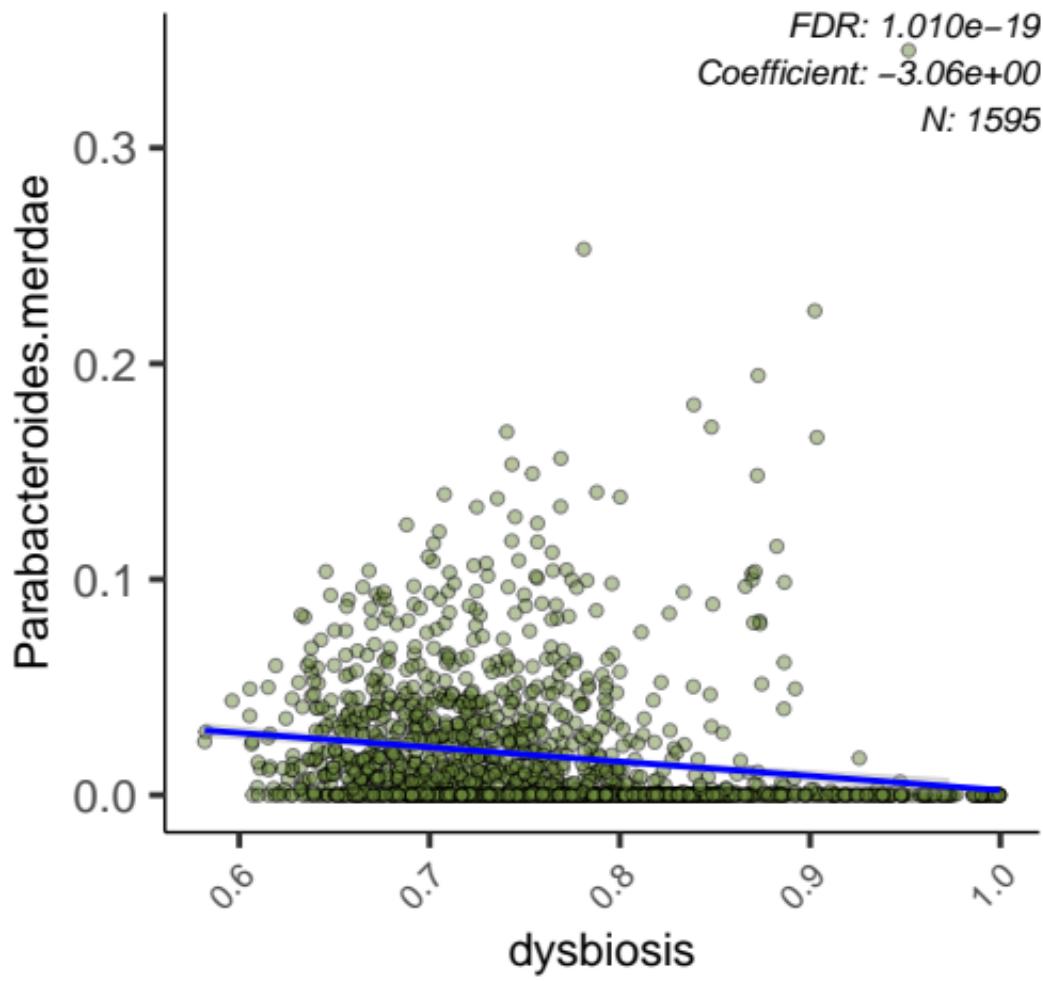


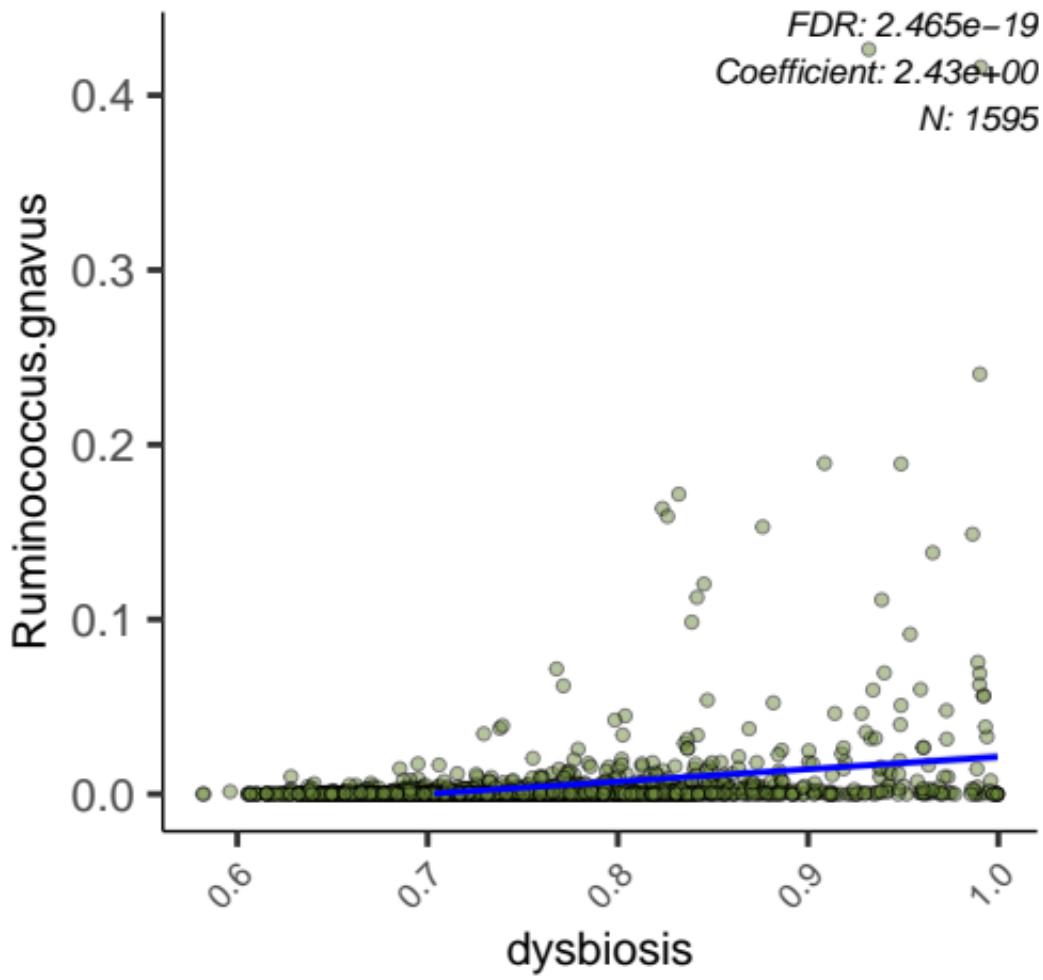


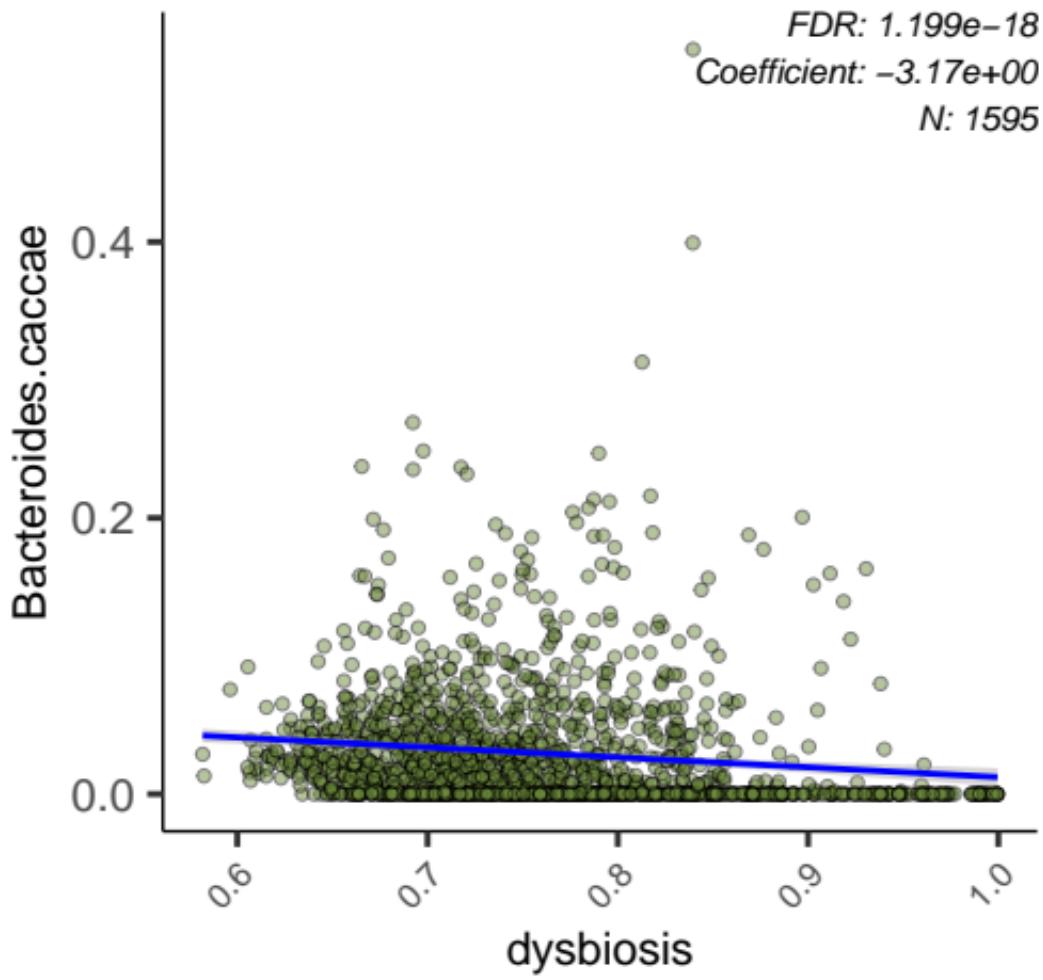
FDR: 1.483e-20  
Coefficient: -9.68e-01  
N: 1595

*Odoribacter.splanchnicus*

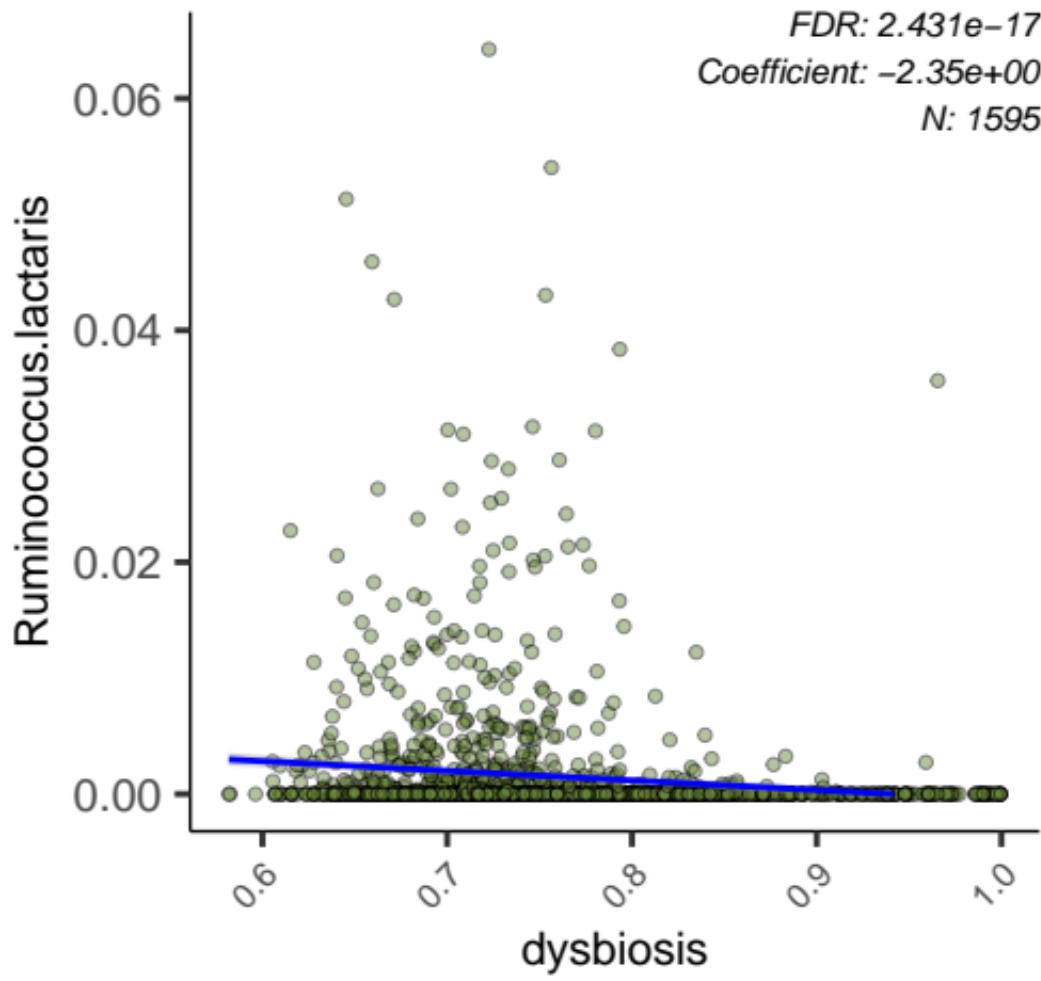




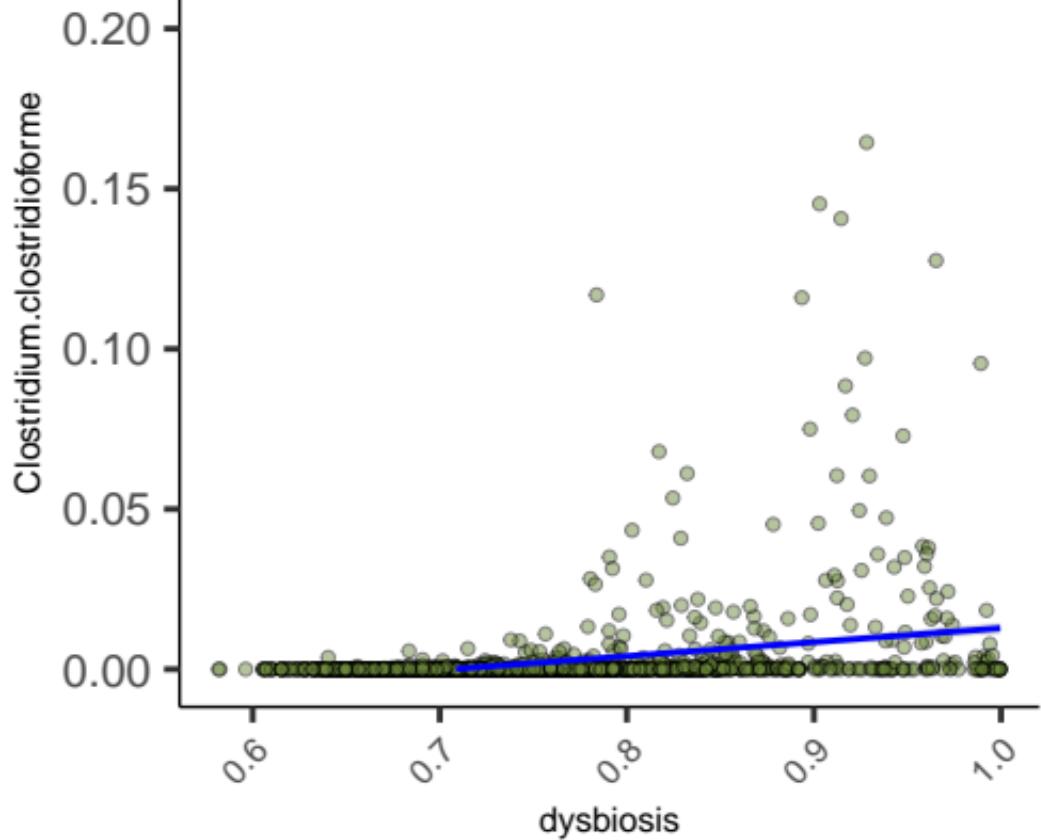


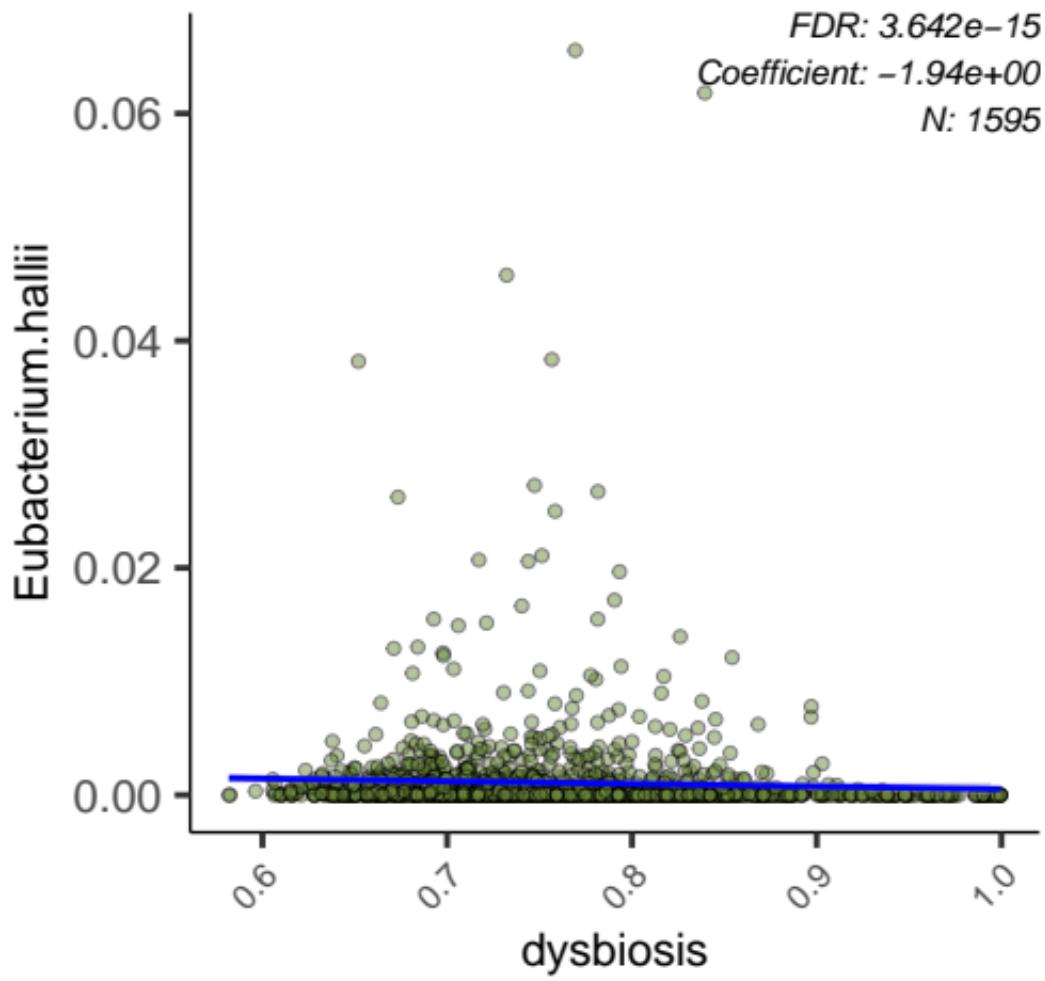


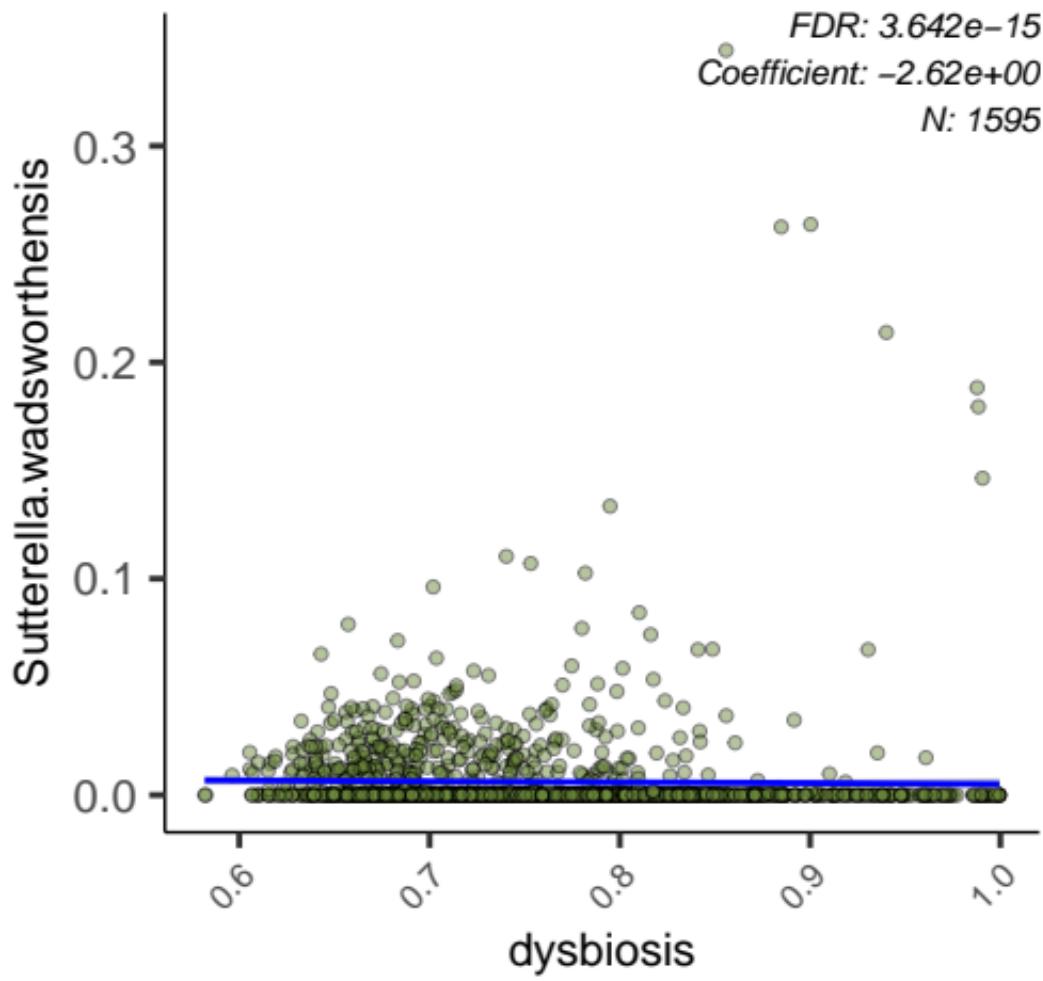
FDR:  $2.431e-17$   
Coefficient:  $-2.35e+00$   
 $N: 1595$

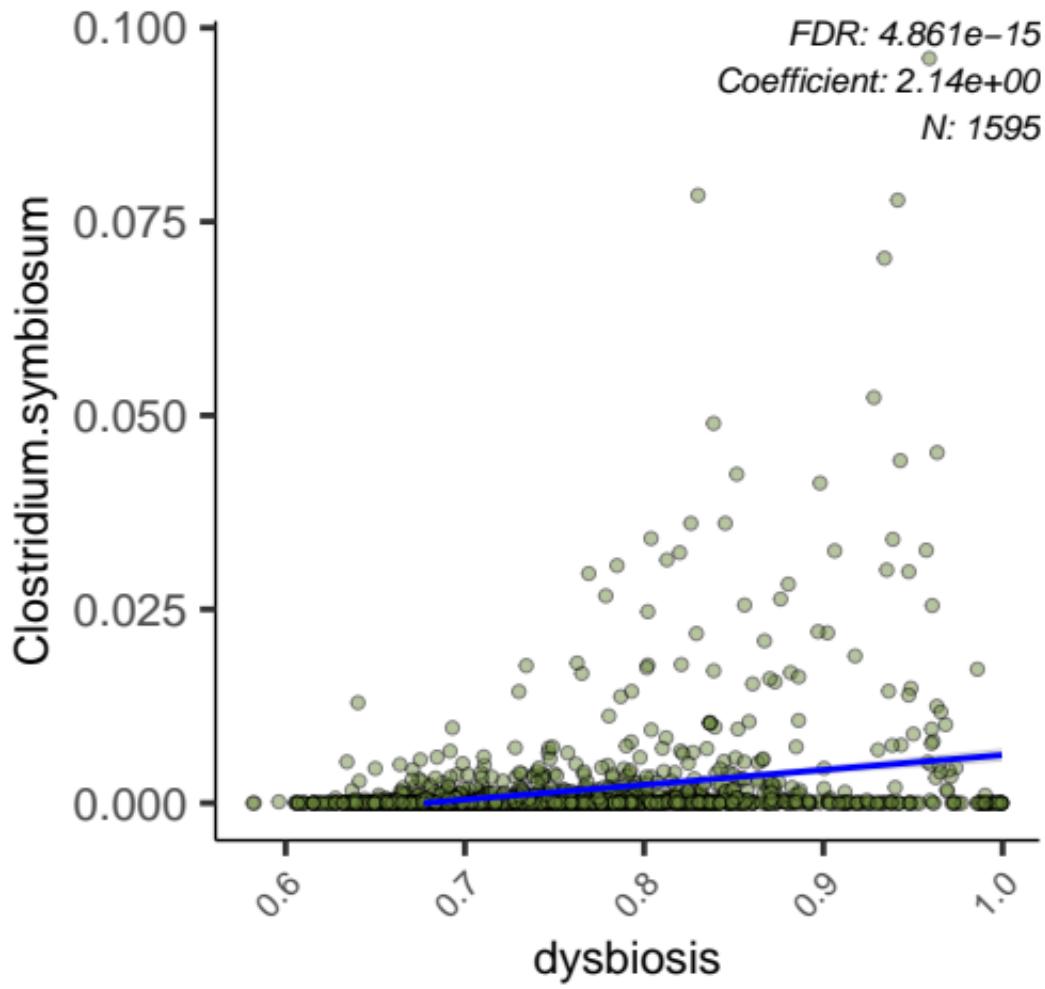


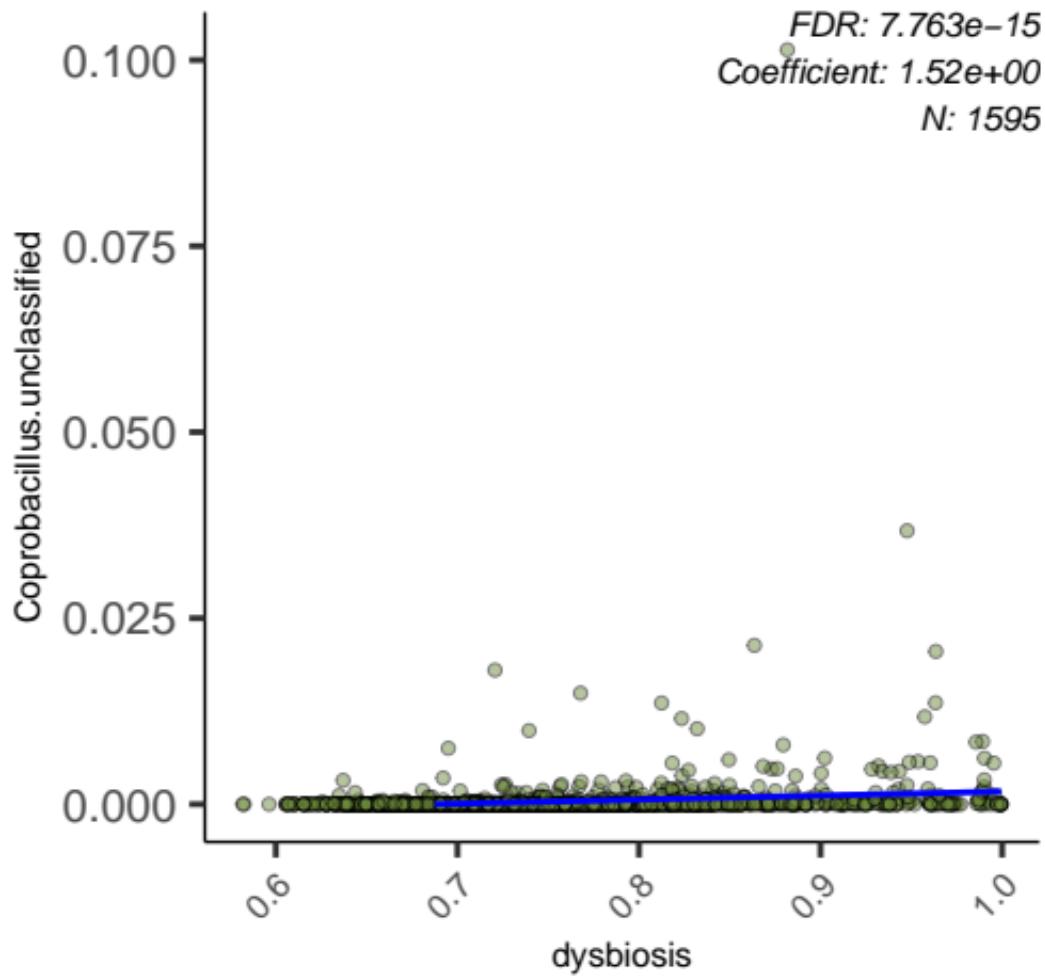
FDR:  $2.780e-16$   
Coefficient:  $1.94e+00$   
 $N: 1595$











FDR:  $1.290e-14$   
Coefficient:  $1.57e+00$   
 $N: 1595$

Clostridium.nexile

0.09

0.06

0.03

0.00

0.6

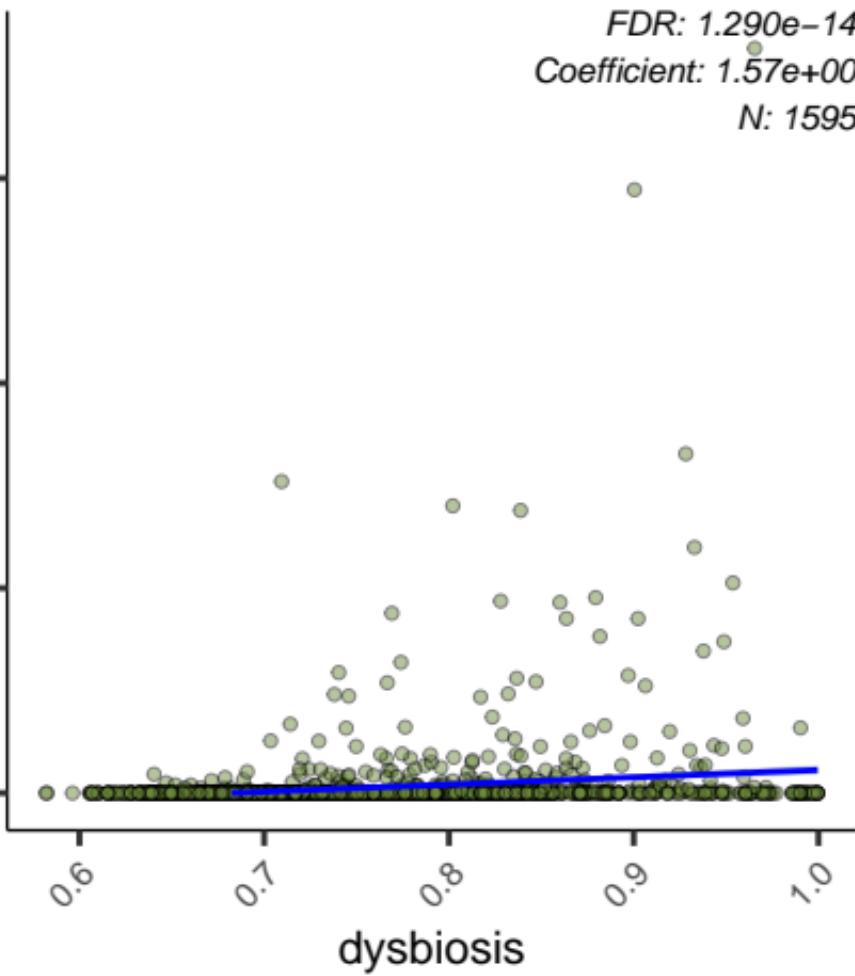
0.7

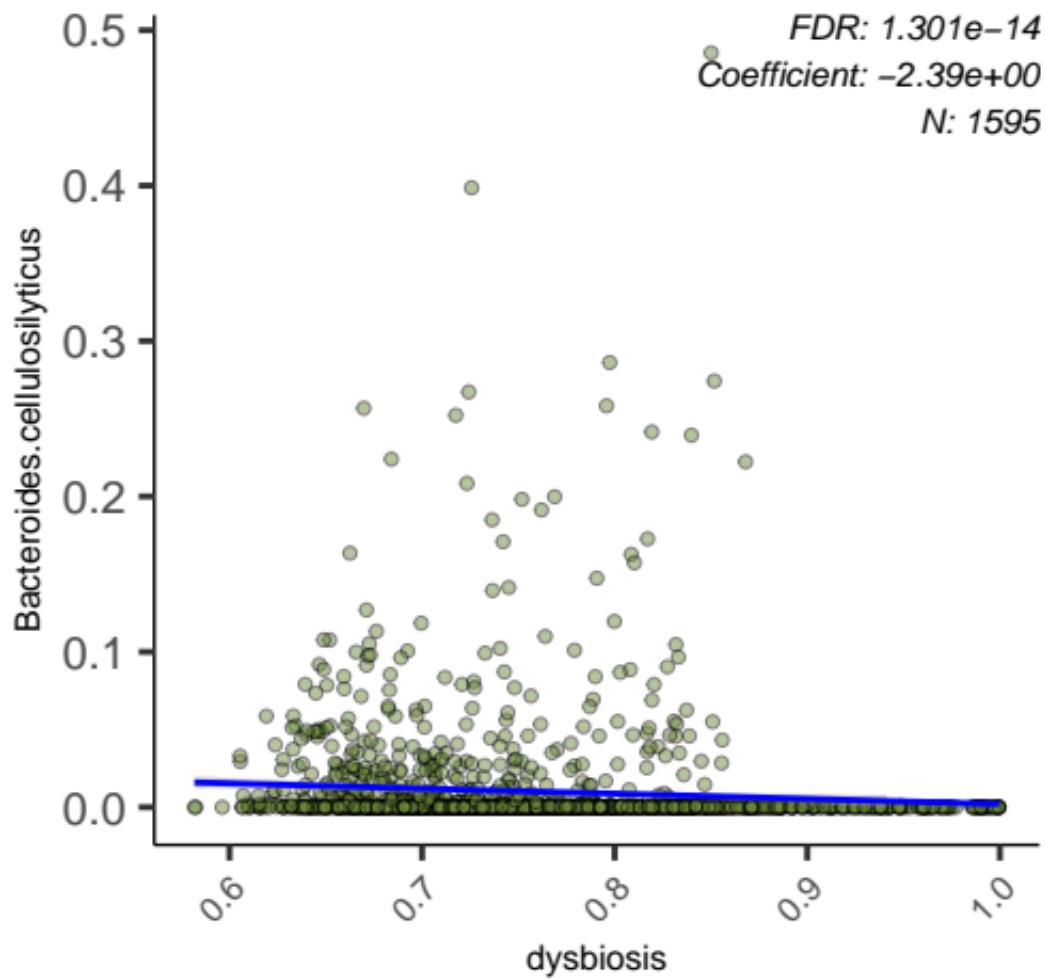
0.8

0.9

1.0

dysbiosis





FDR:  $3.267e-14$   
Coefficient:  $-2.27e+00$   
N: 1595

*Alistipes.shahii*

0.10

0.05

0.00

0.6

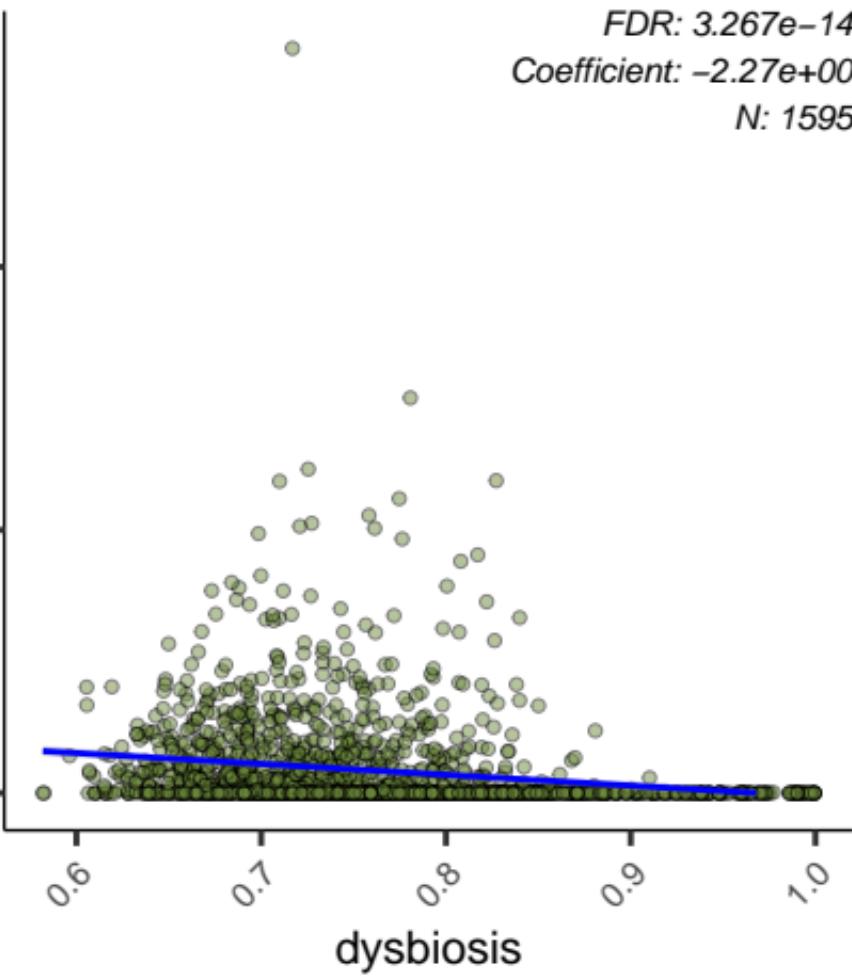
0.7

0.8

0.9

1.0

dysbiosis



FDR:  $3.587e-14$   
Coefficient:  $-2.30e+00$   
N: 1595

Bacteroides.finegoldii

0.20

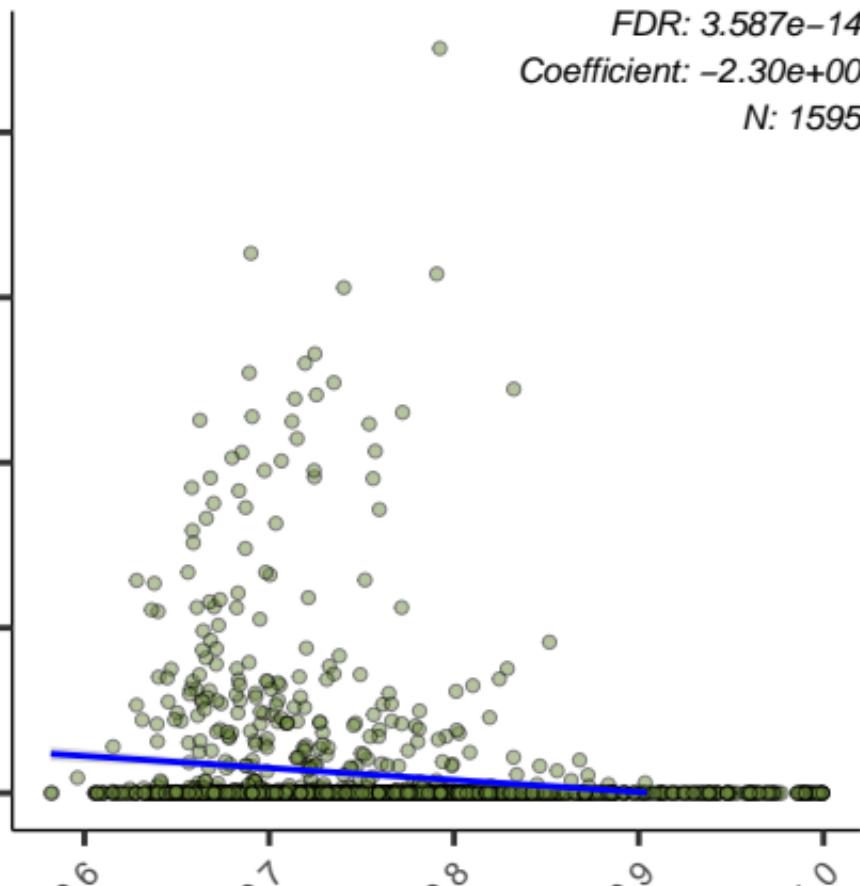
0.15

0.10

0.05

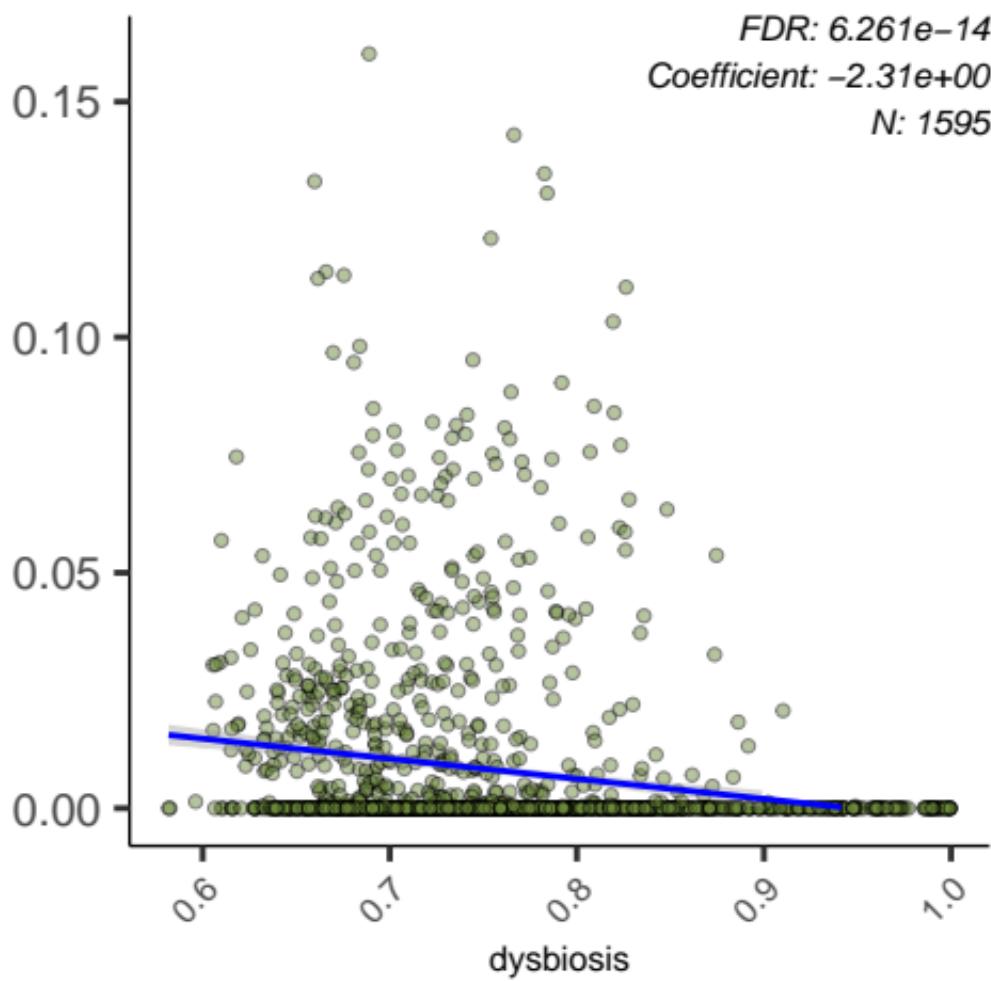
0.00

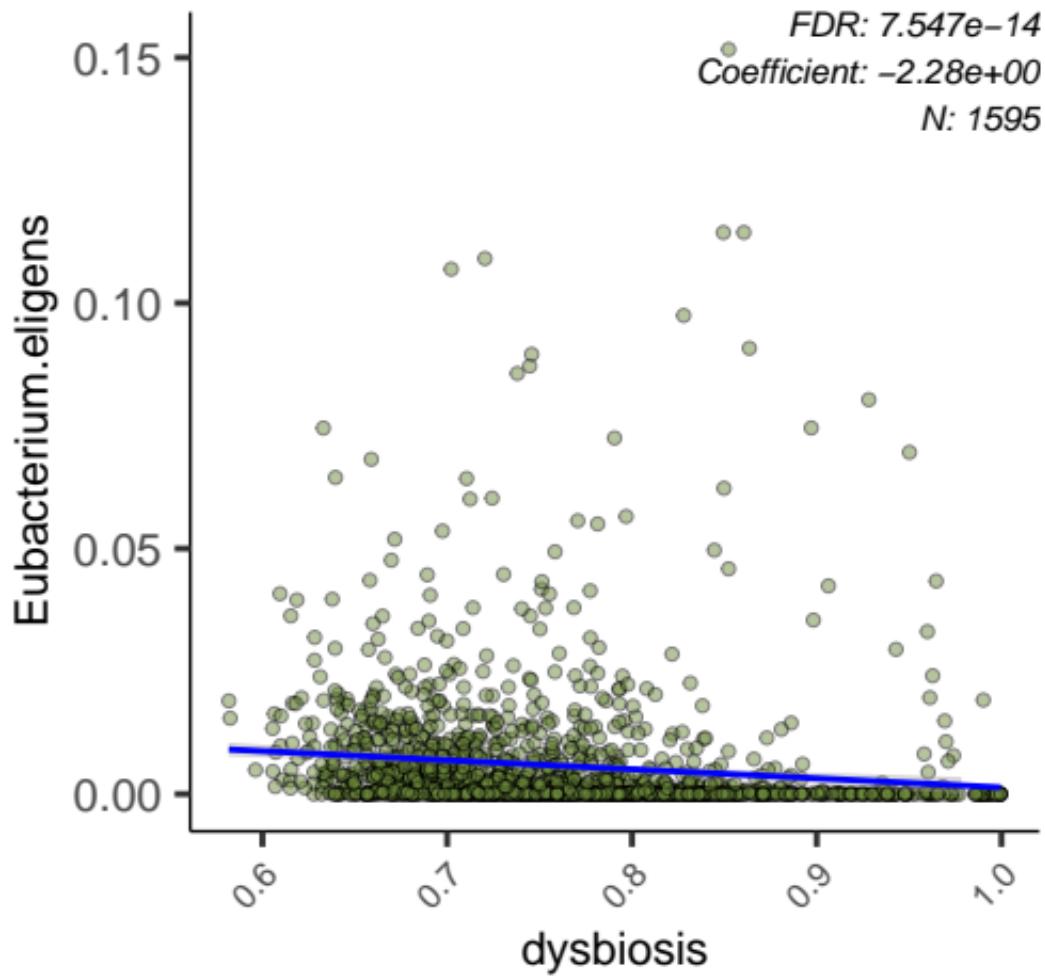
dysbiosis



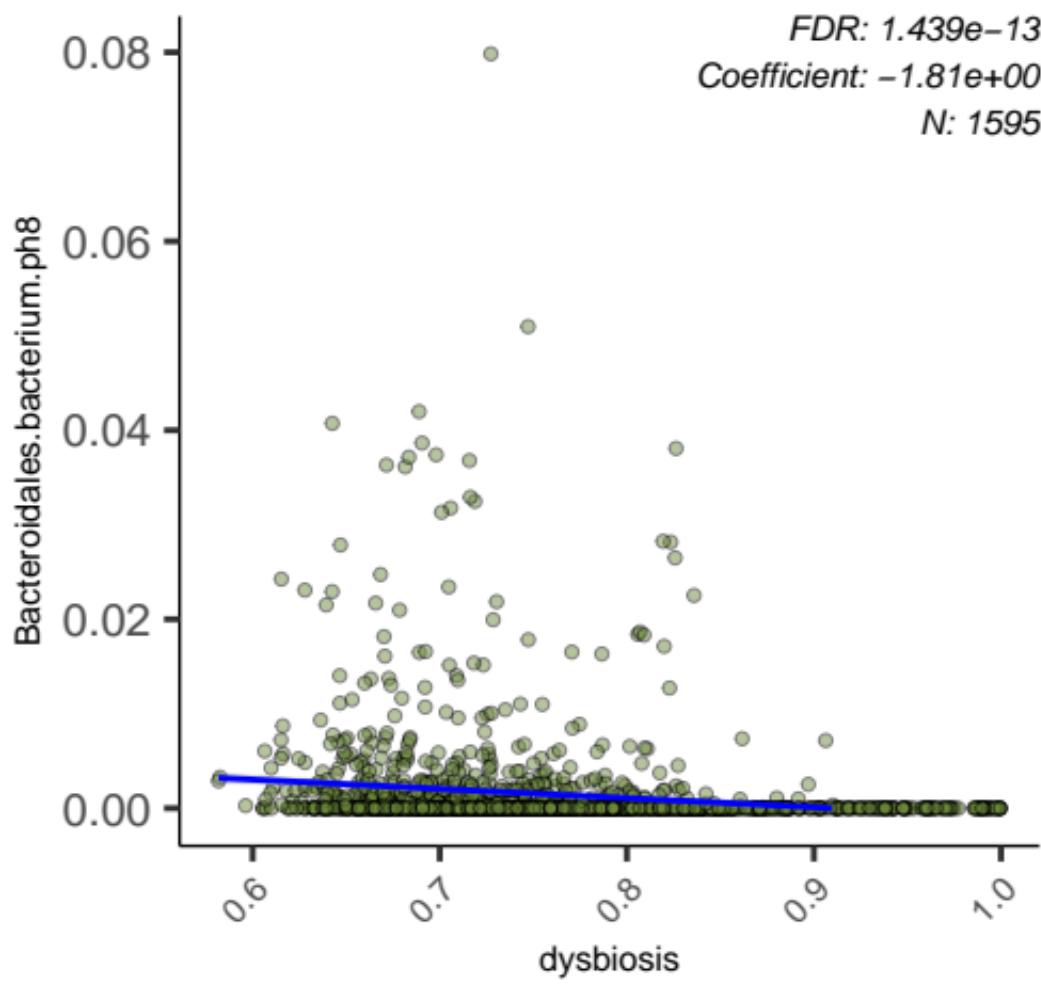
FDR:  $6.261e-14$   
Coefficient:  $-2.31e+00$   
 $N: 1595$

*Barnesiella.intestinihominis*





FDR:  $1.439e-13$   
Coefficient:  $-1.81e+00$   
 $N: 1595$



FDR:  $3.487e-13$   
Coefficient:  $-1.91e+00$   
N: 1595

Dorea.longicatena

0.075

0.050

0.025

0.000

0.6

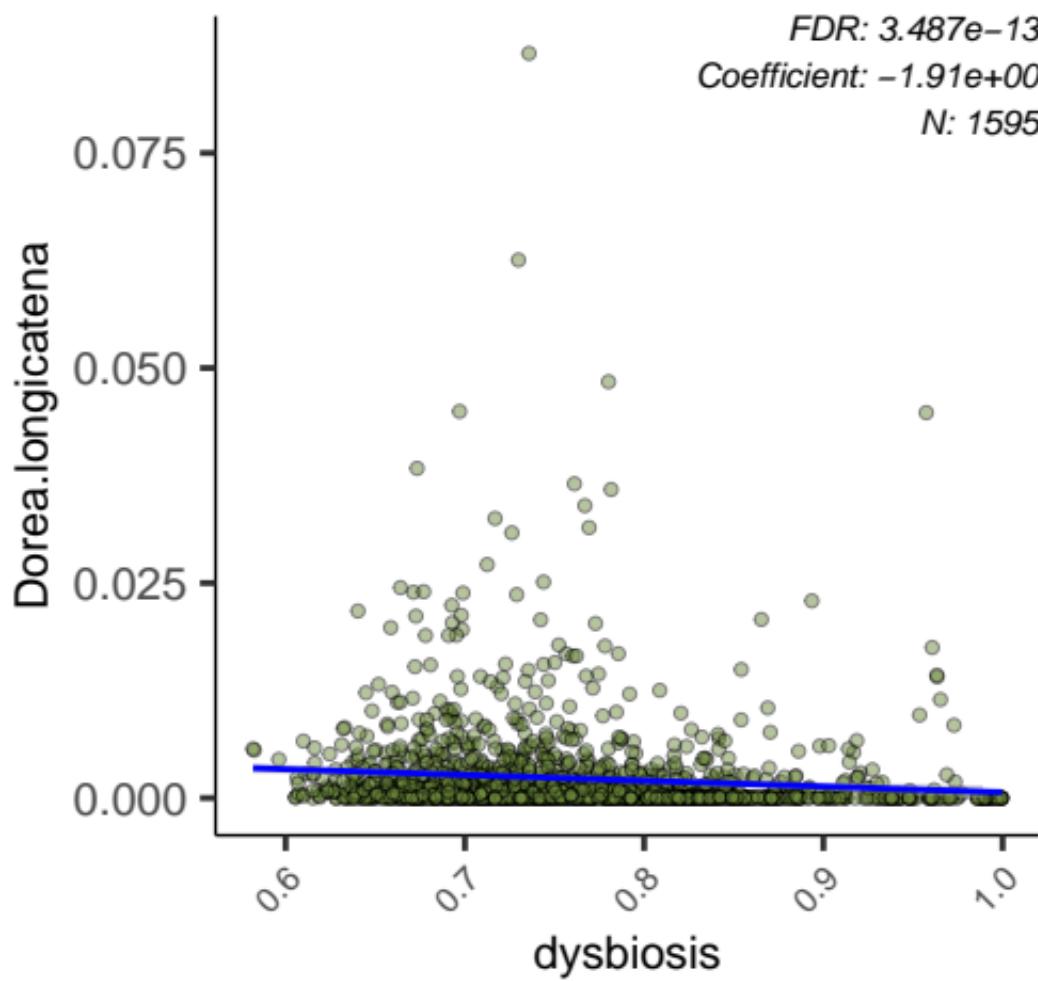
0.7

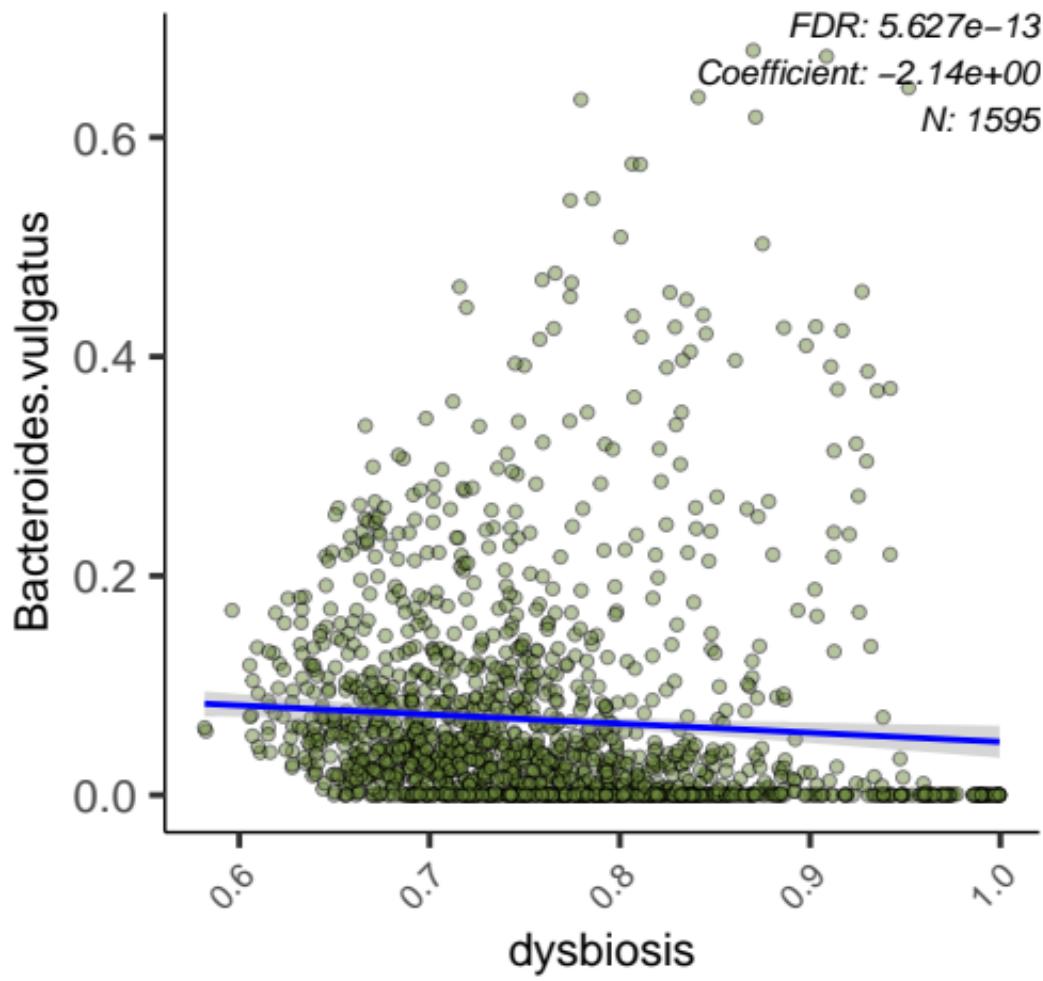
0.8

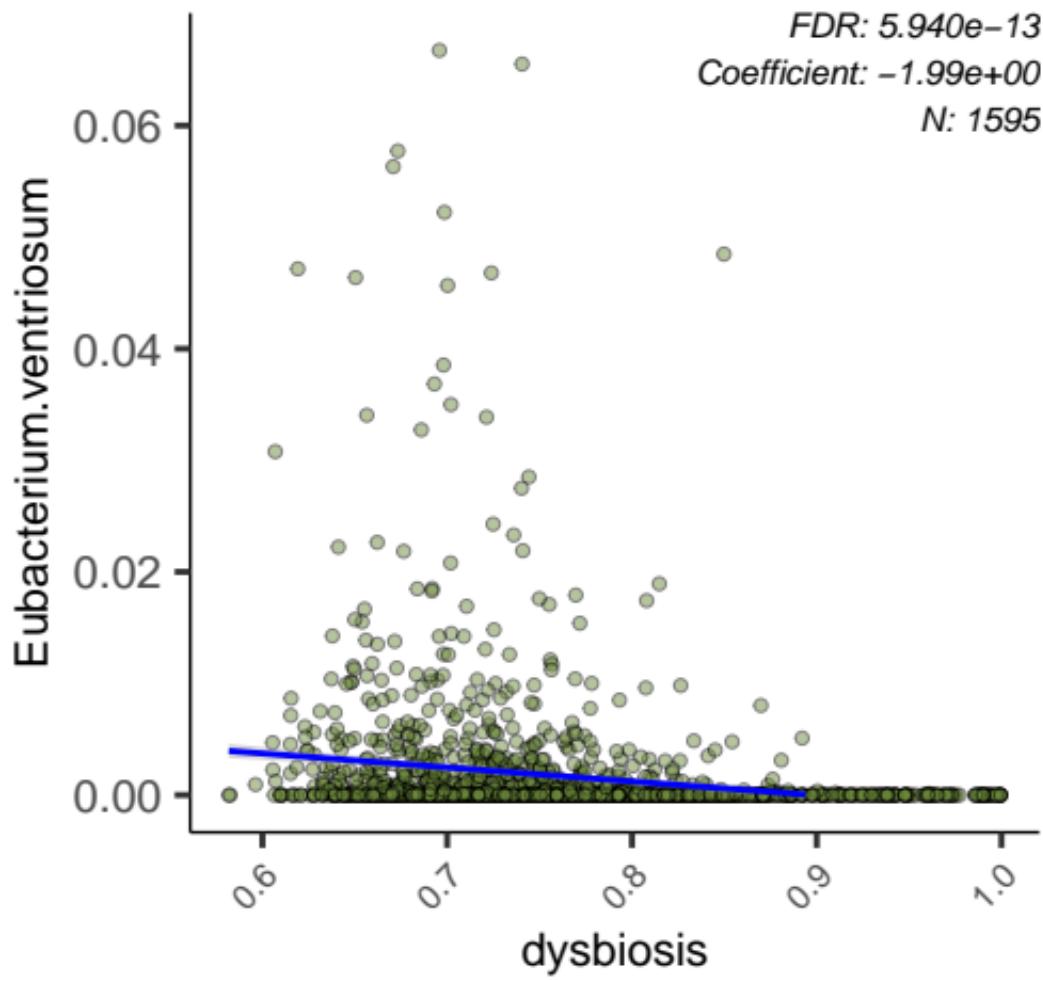
0.9

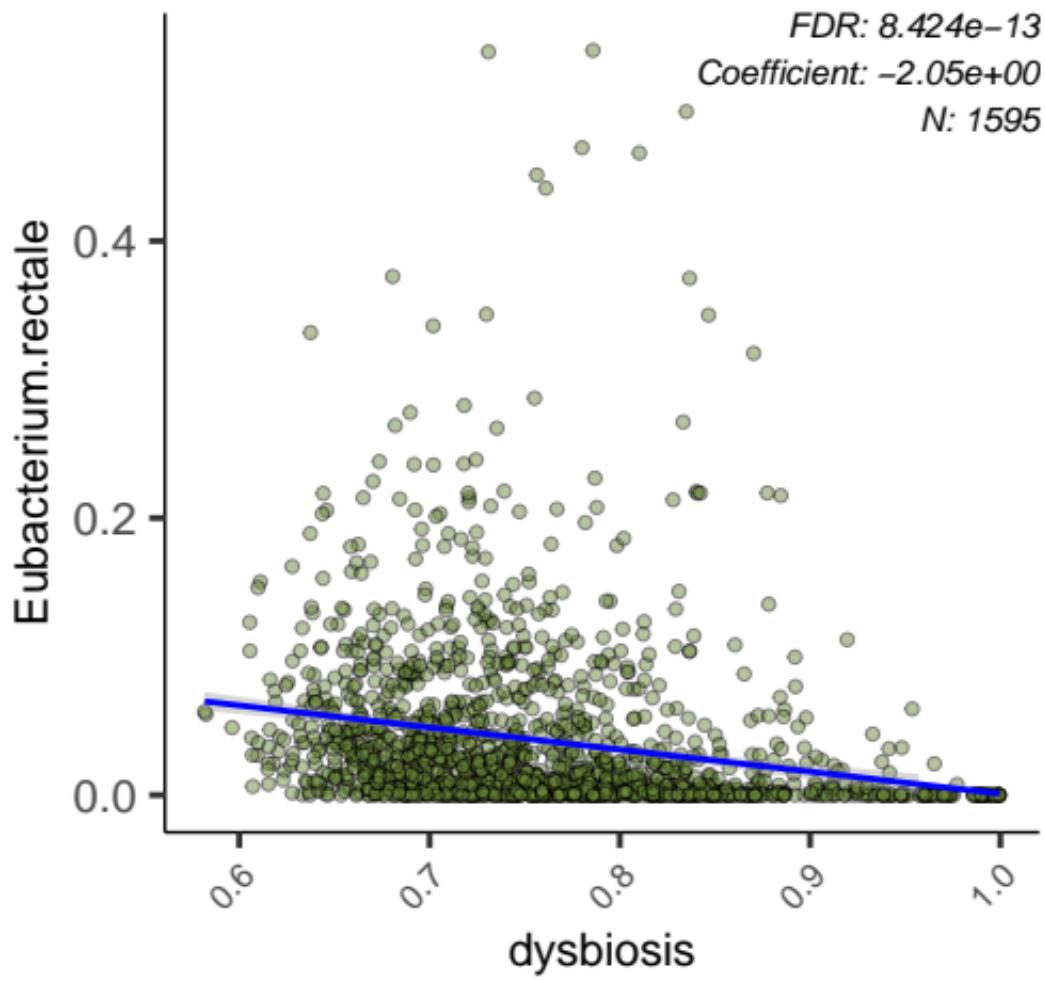
1.0

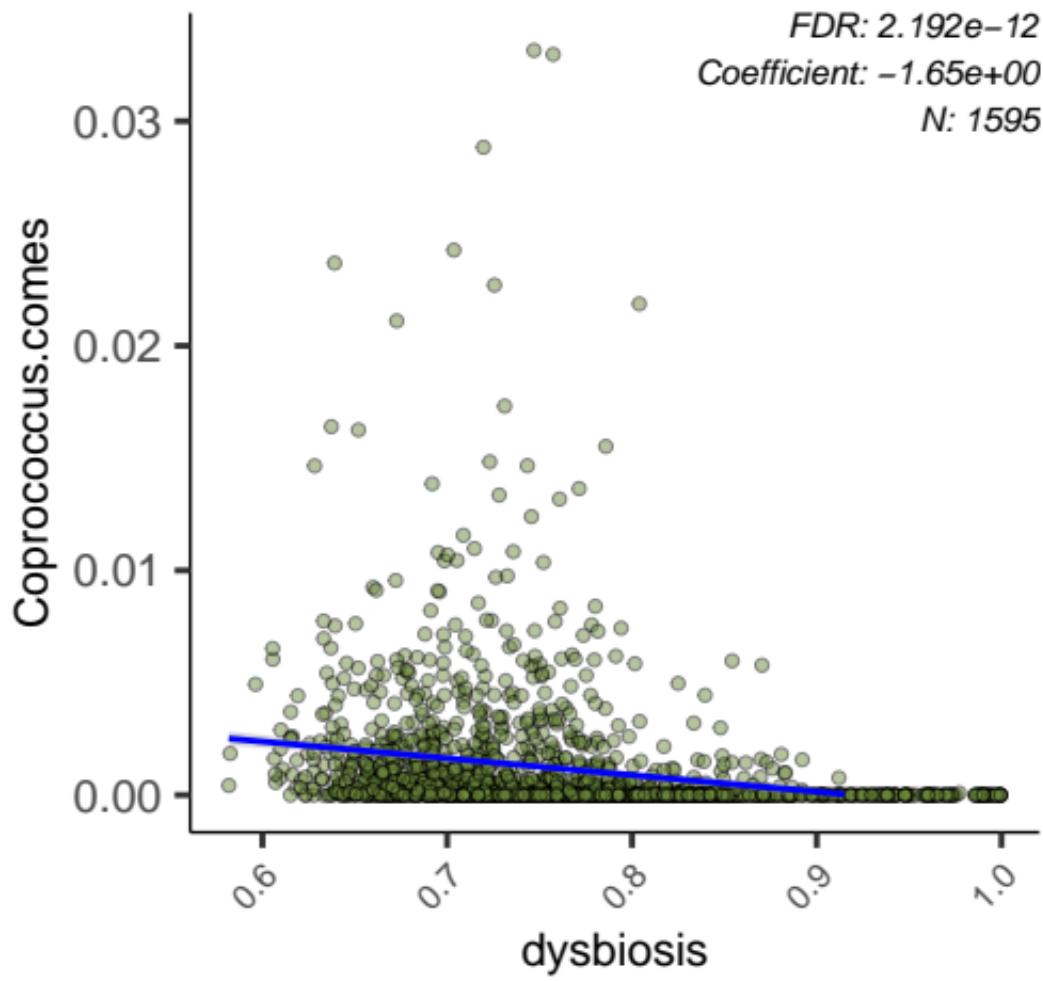
dysbiosis











FDR:  $6.068e-12$   
Coefficient:  $-1.70e+00$   
 $N: 1595$

Lachnospiraceae.bacterium.3.1.46FAA

0.6

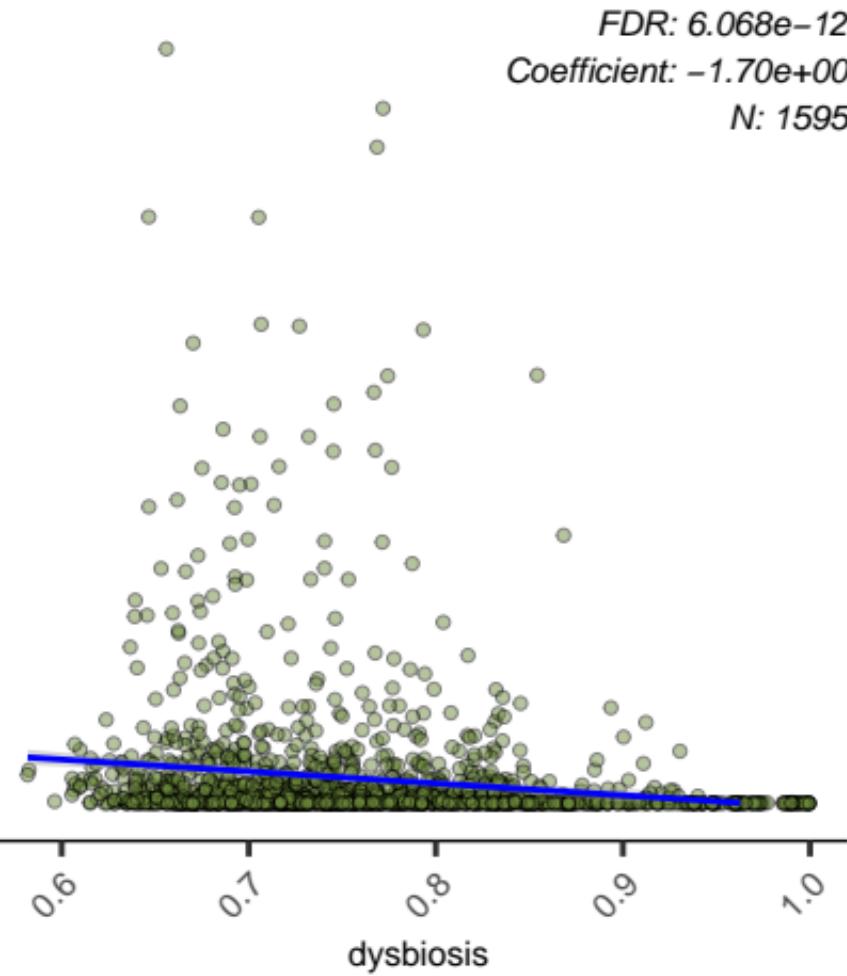
0.7

0.8

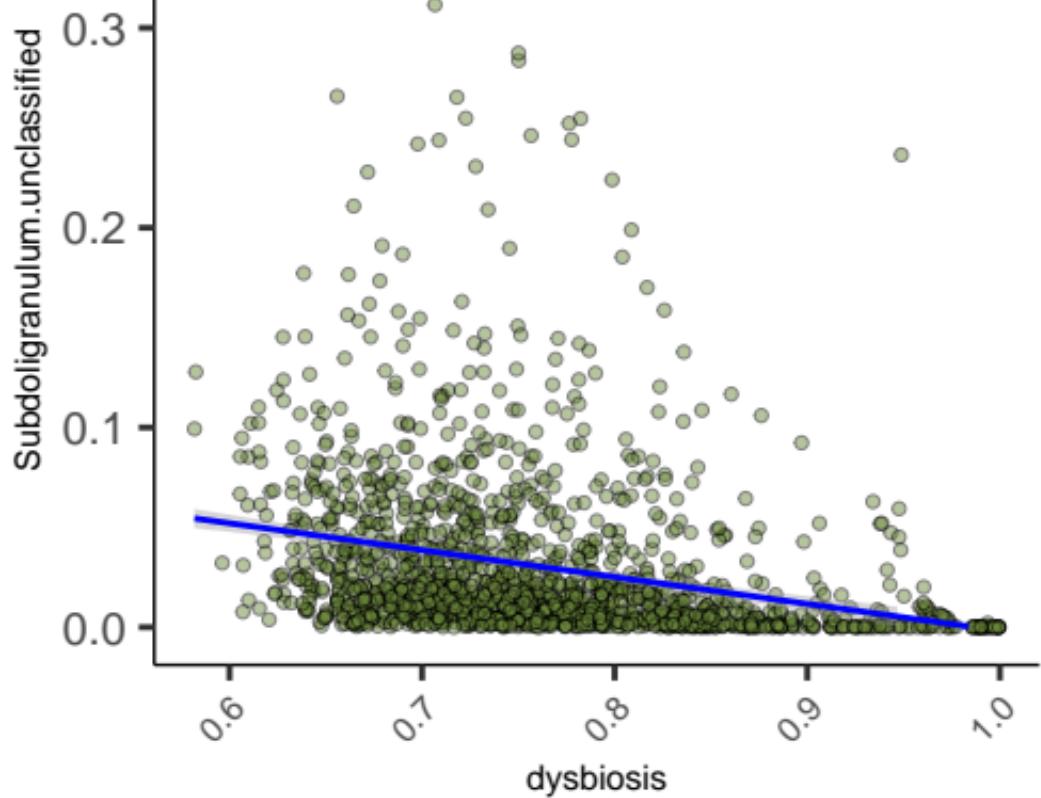
0.9

1.0

dysbiosis



FDR: 1.136e-11  
Coefficient: -9.69e-01  
N: 1595



FDR: 5.789e-11  
Coefficient: -1.77e+00  
N: 1595

*Alistipes.finegoldii*

0.10  
0.05  
0.00

0.6

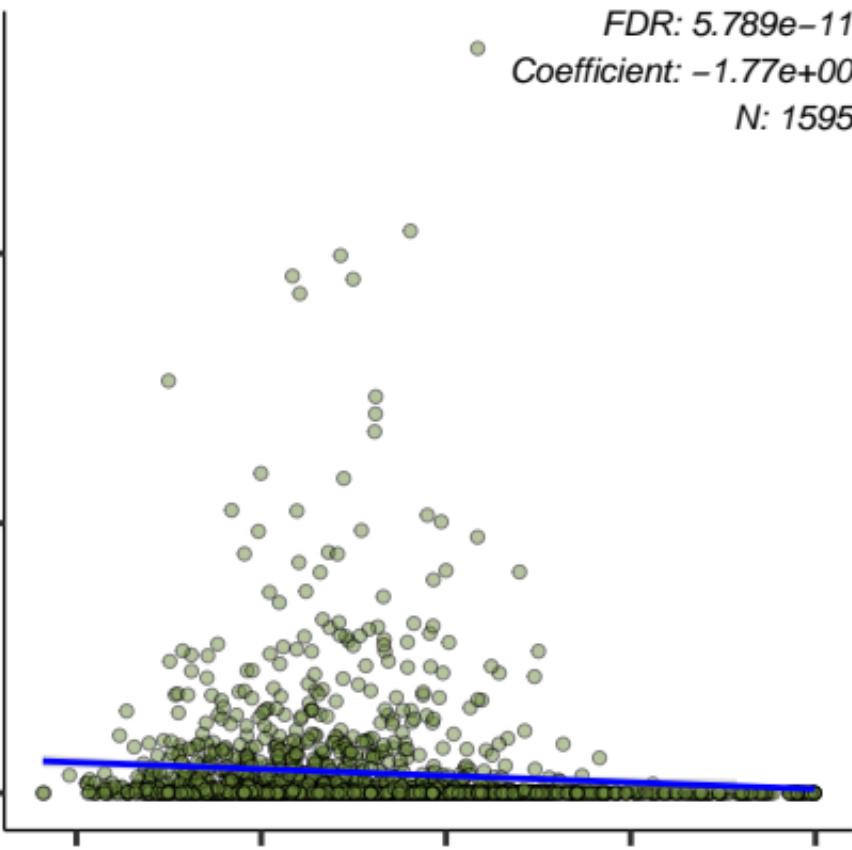
0.7

0.8

0.9

1.0

dysbiosis



FDR:  $1.021e-10$   
Coefficient:  $-1.65e+00$   
 $N: 1595$

Oscillibacter.unclassified

0.2  
0.1  
0.0

0.6

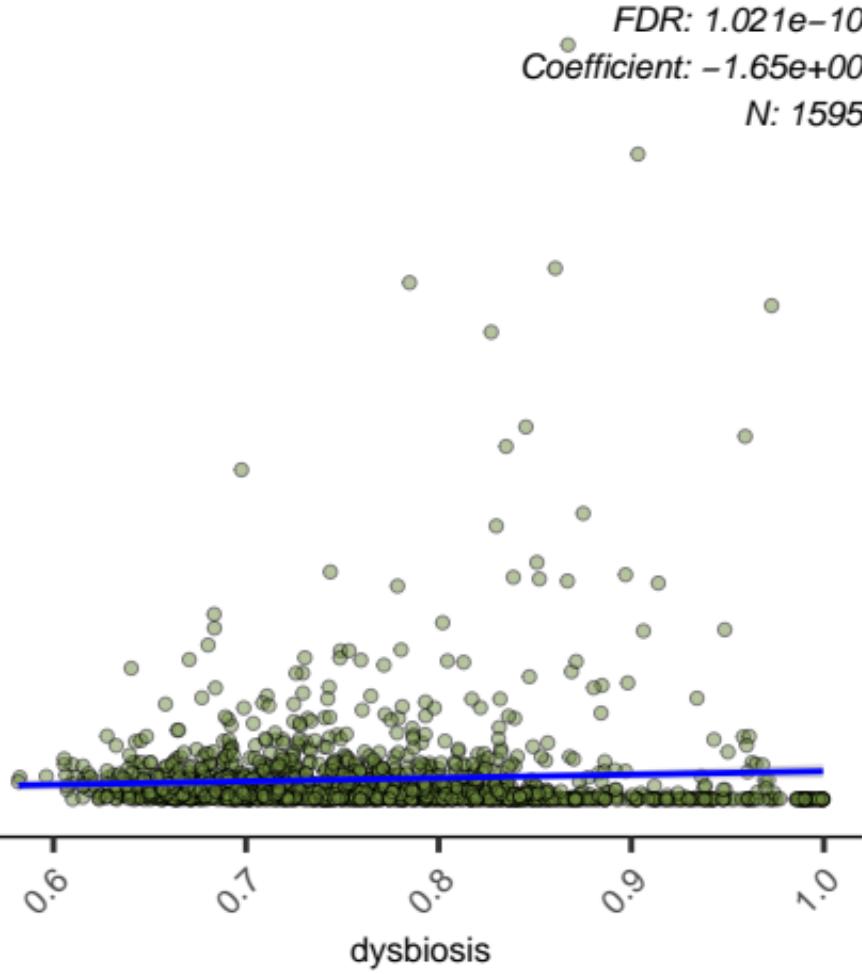
0.7

0.8

0.9

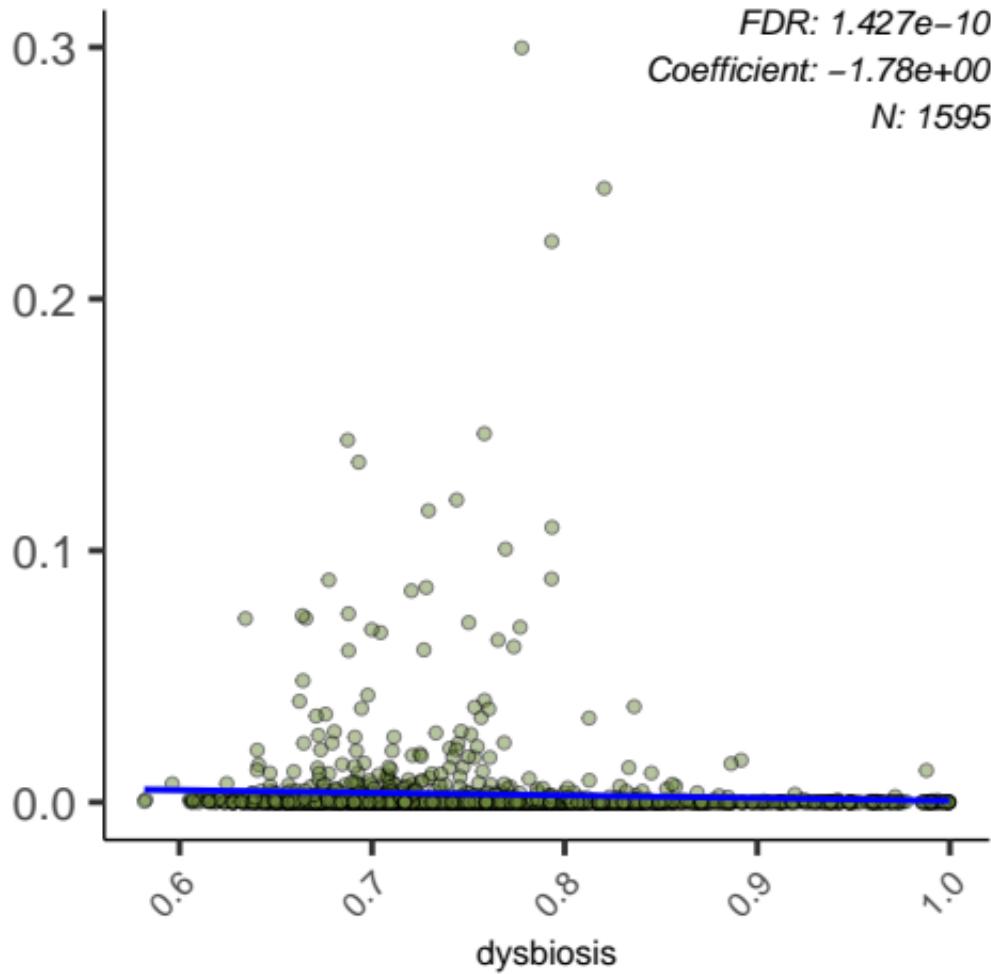
1.0

dysbiosis

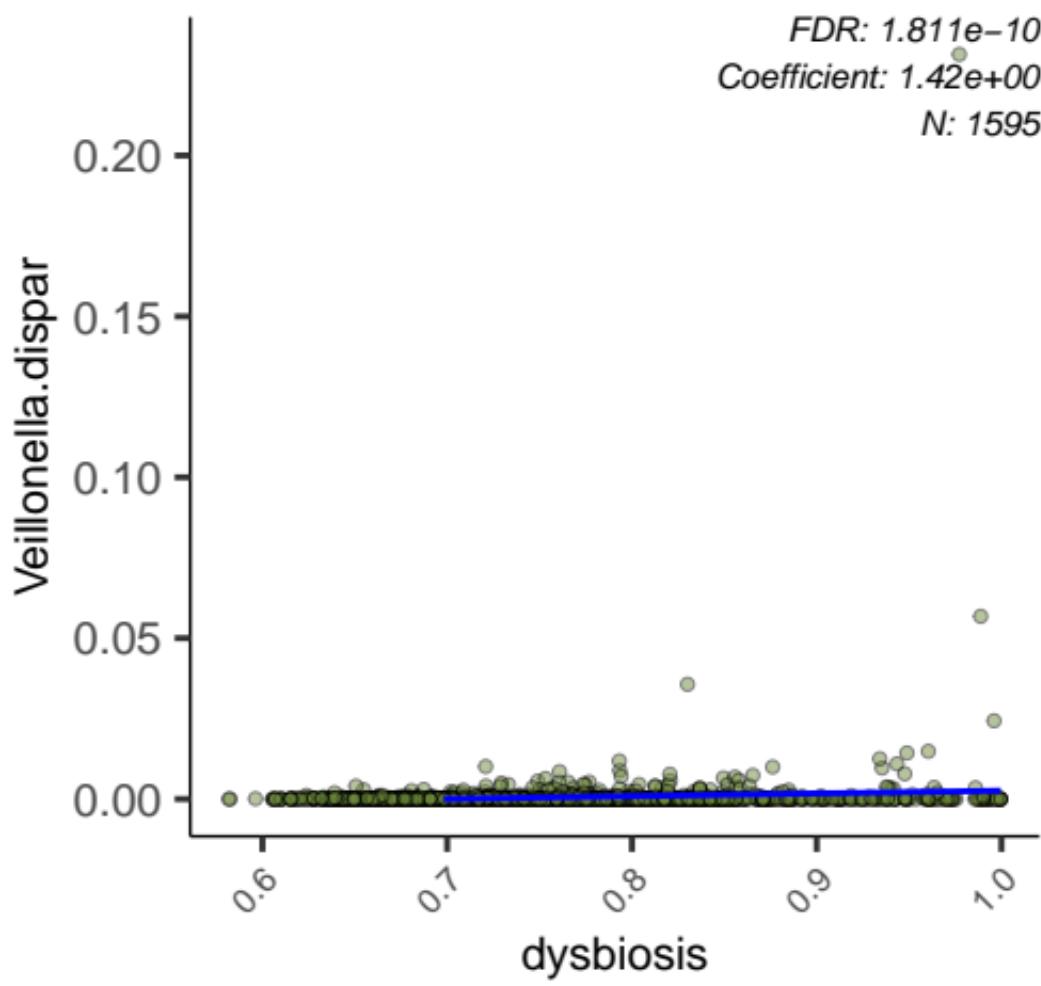


FDR:  $1.427e-10$   
Coefficient:  $-1.78e+00$   
N: 1595

Bifidobacterium.adolescentis



FDR:  $1.811e-10$   
Coefficient:  $1.42e+00$   
 $N: 1595$



FDR:  $2.275e-10$   
Coefficient:  $1.61e+00$   
 $N: 1595$

*Escherichia.coli*

0.75

0.50

0.25

0.00

0.6

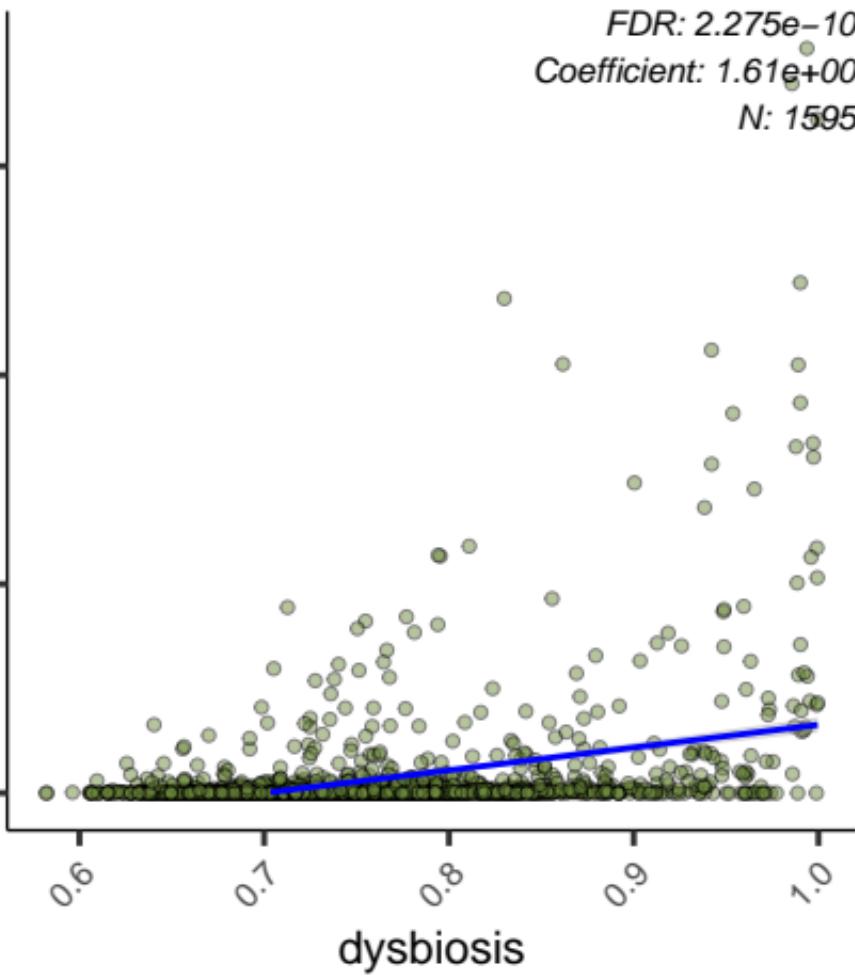
0.7

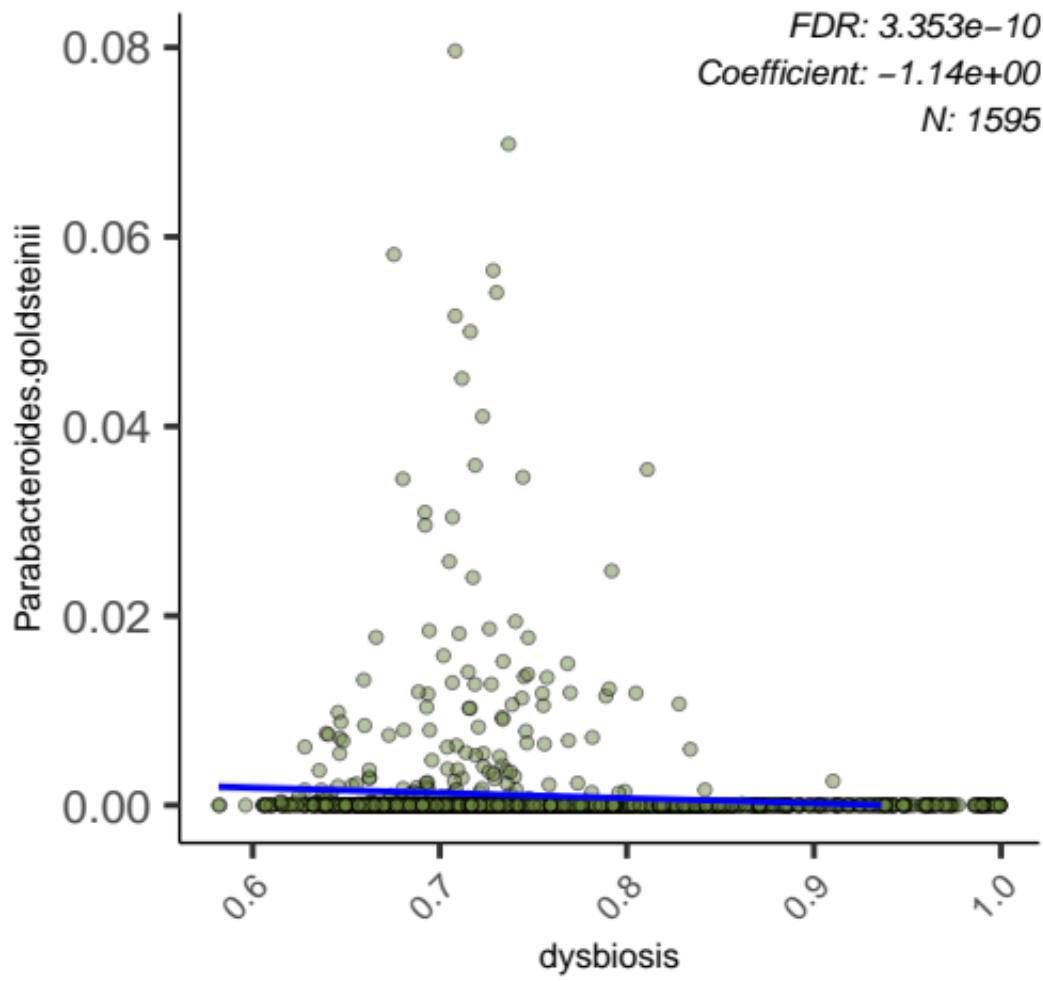
0.8

0.9

1.0

dysbiosis





FDR:  $4.446e-10$   
Coefficient:  $1.78e+00$   
 $N: 1595$

*Clostridium.bolteae*

0.3

0.2

0.1

0.0

0.6

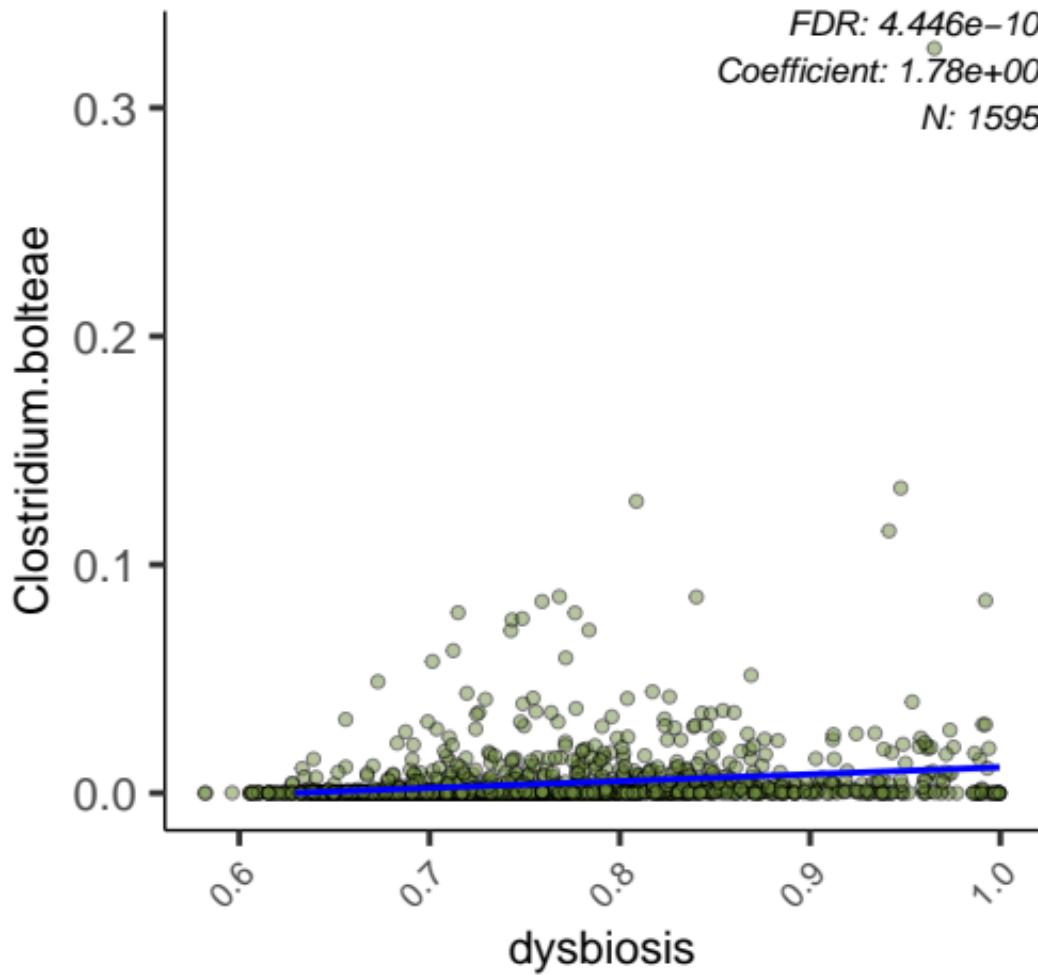
0.7

0.8

0.9

1.0

dysbiosis



FDR: 5.926e-10  
Coefficient: 1.69e+00  
N: 1595

*Clostridium.hathewayi*

0.4

0.2

0.0

0.6

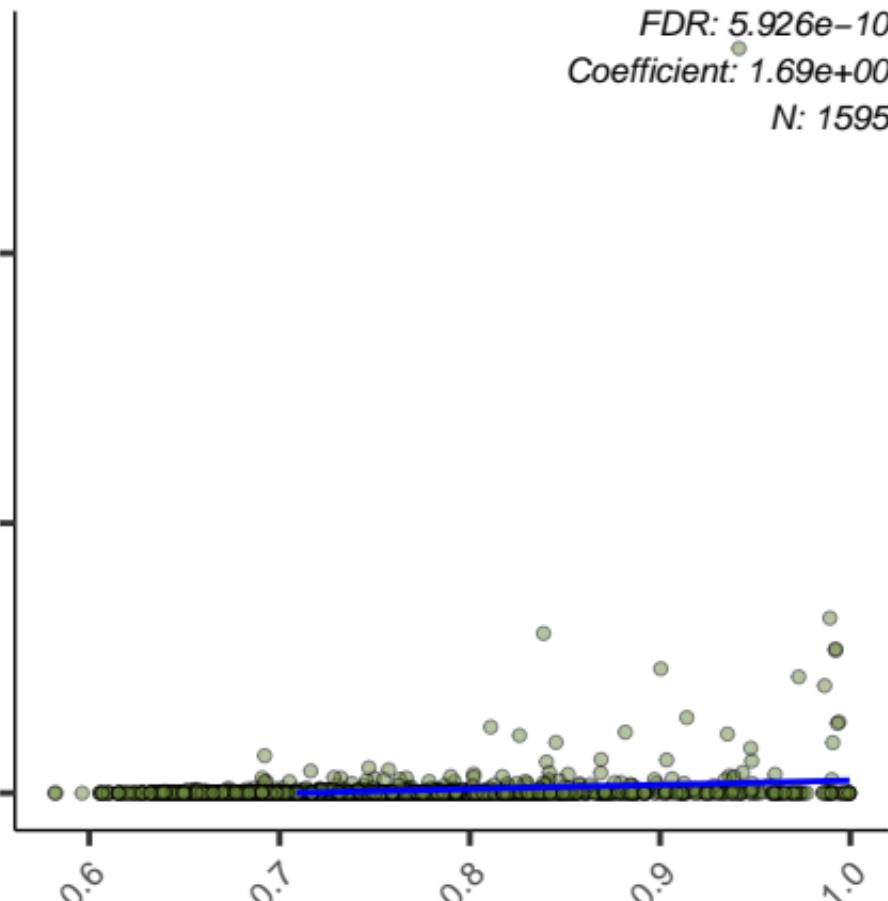
0.7

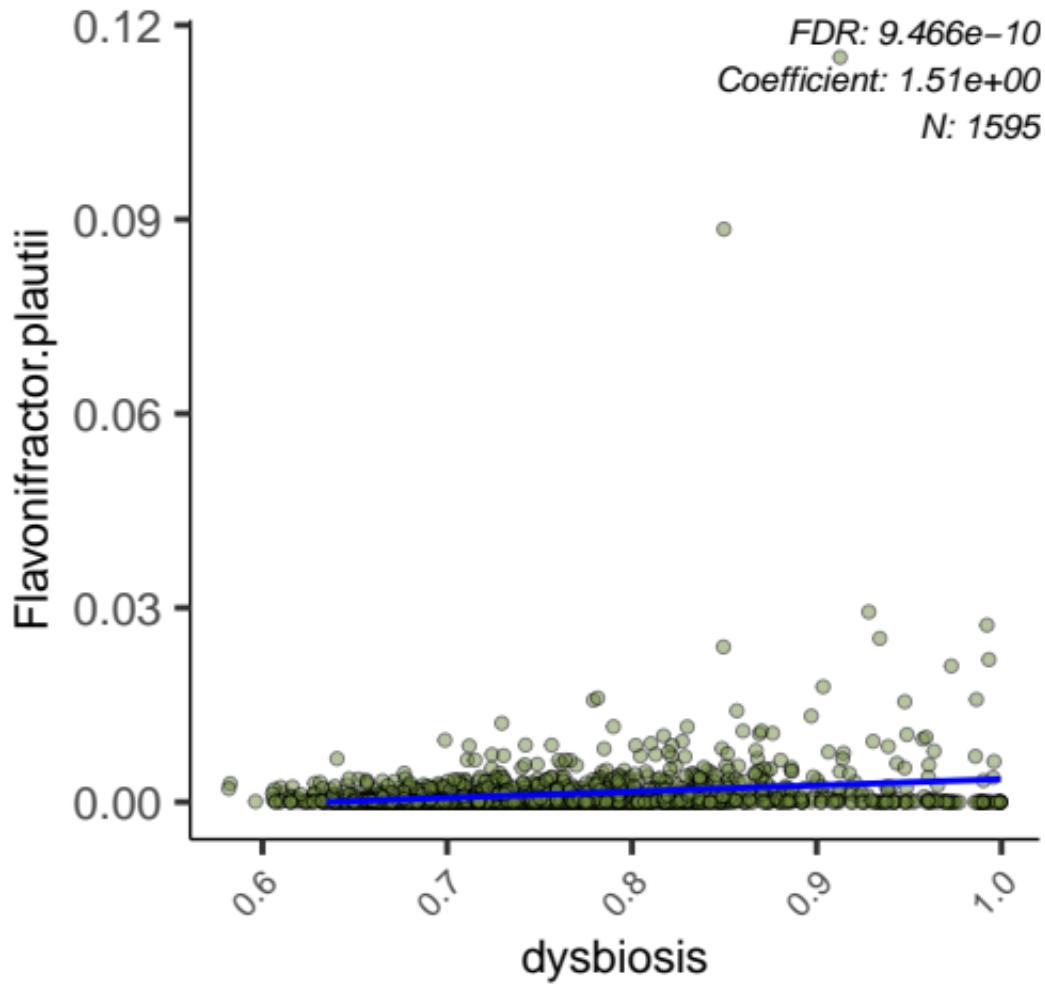
0.8

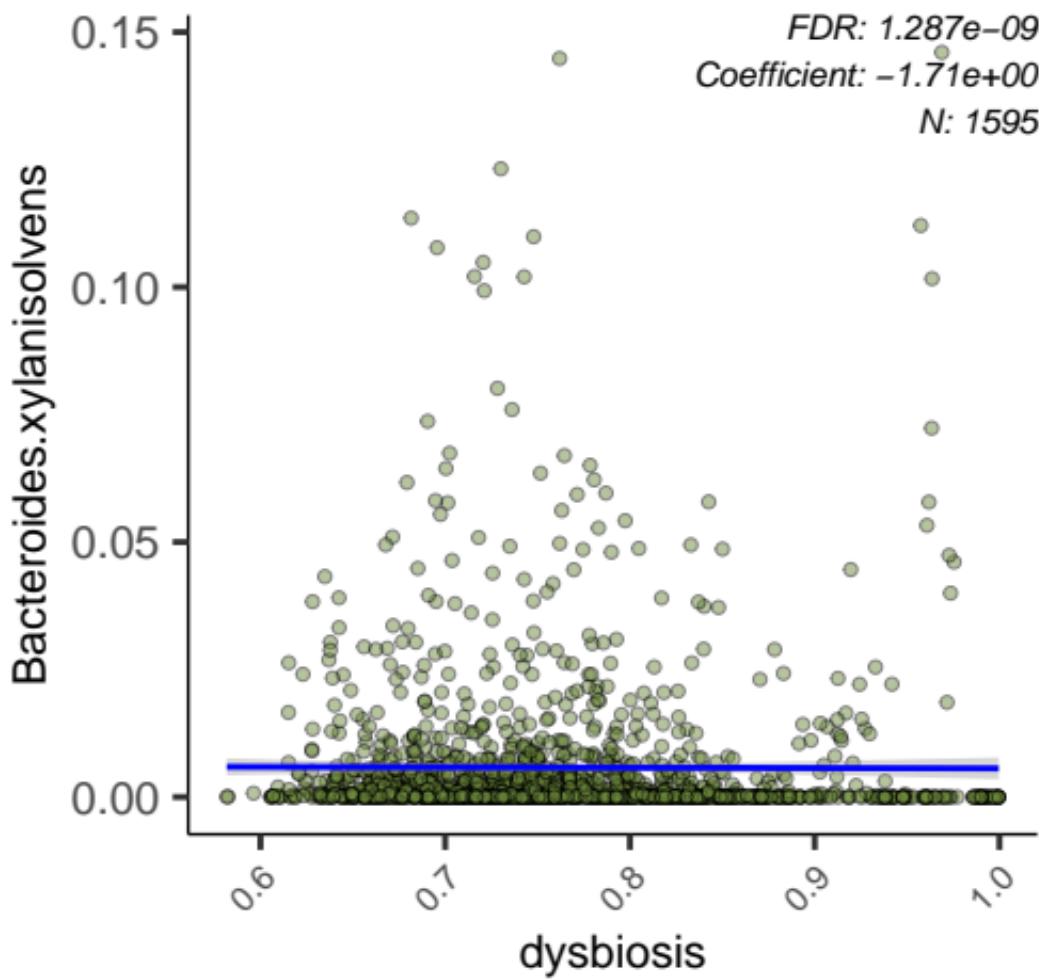
0.9

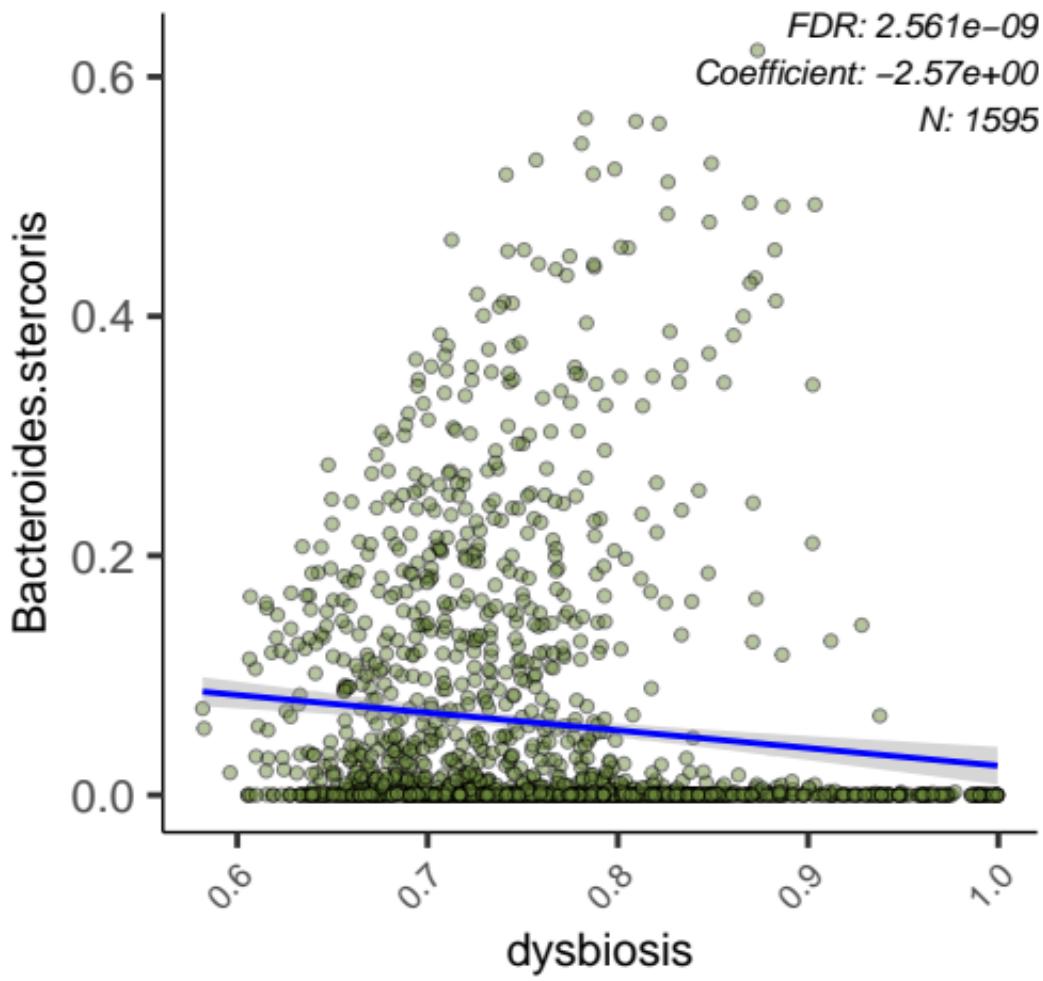
1.0

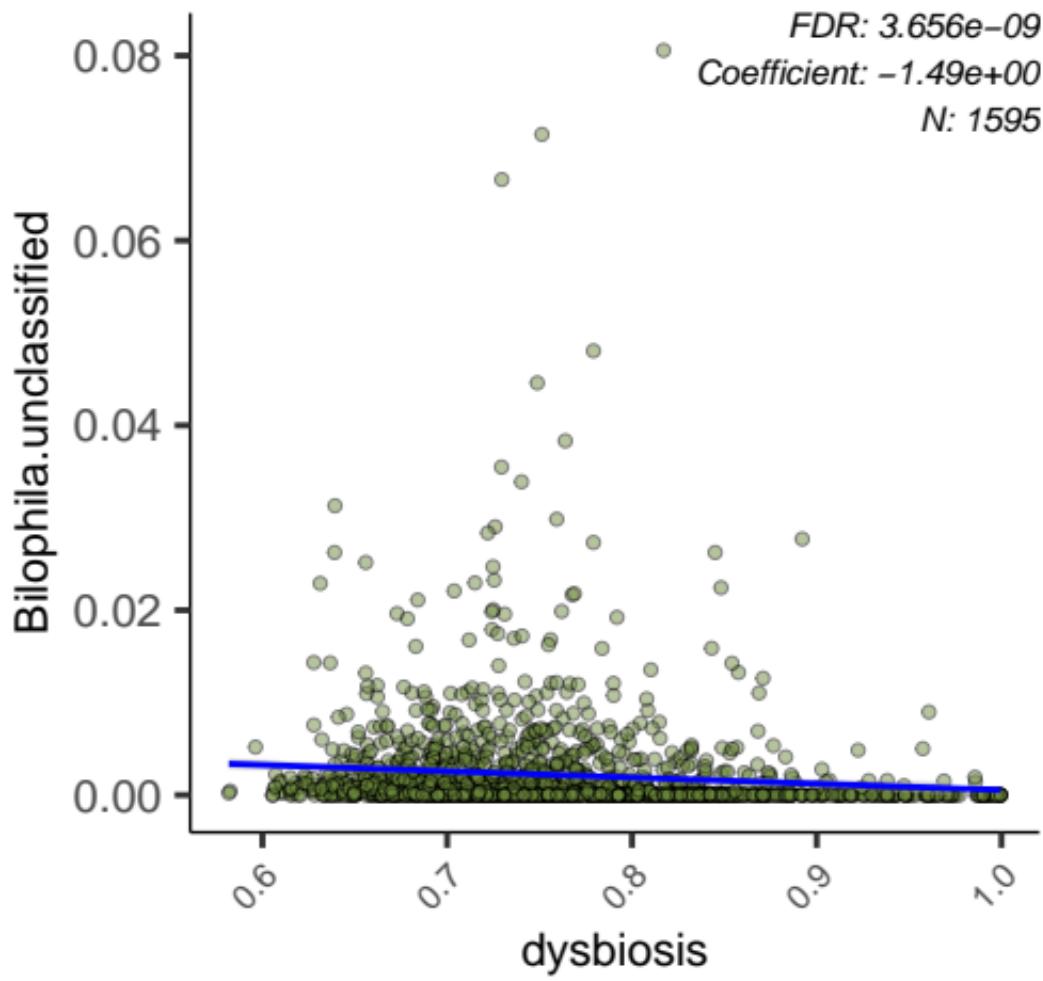
dysbiosis

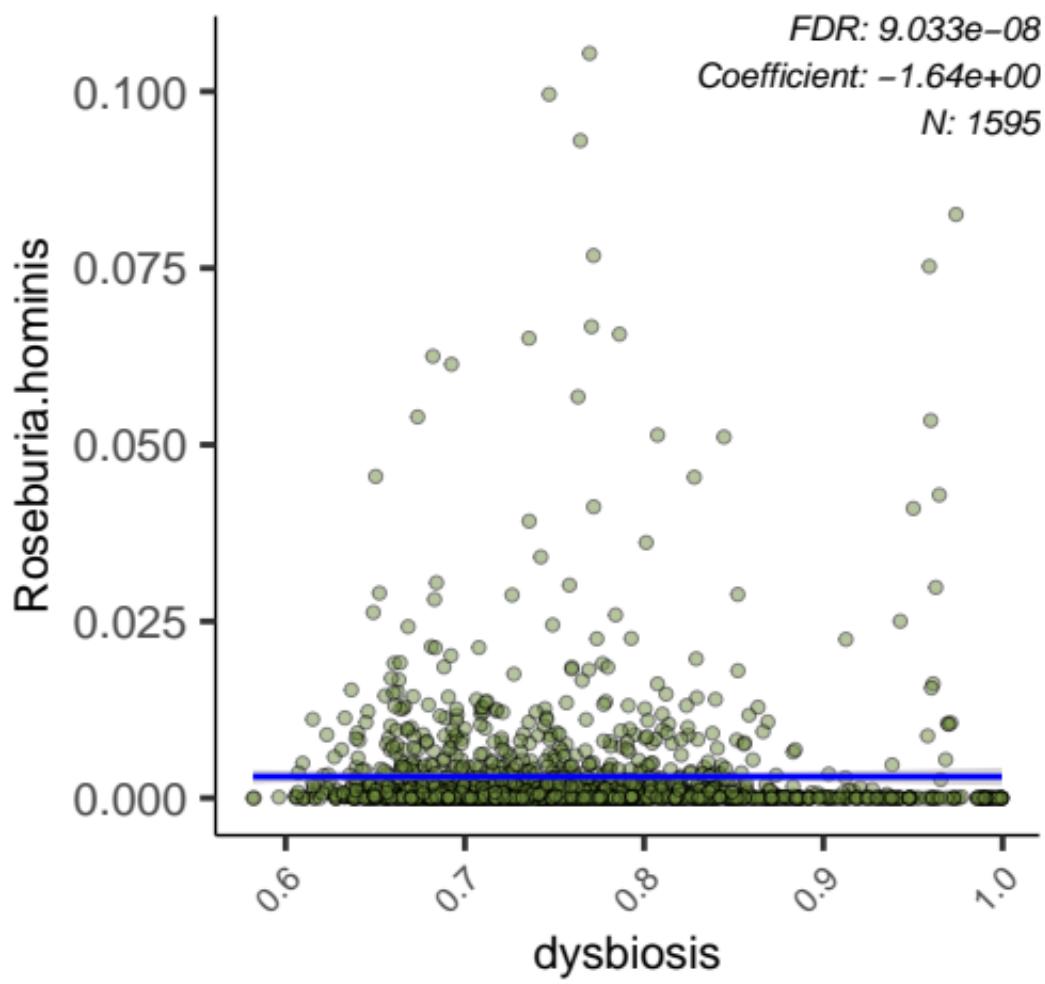


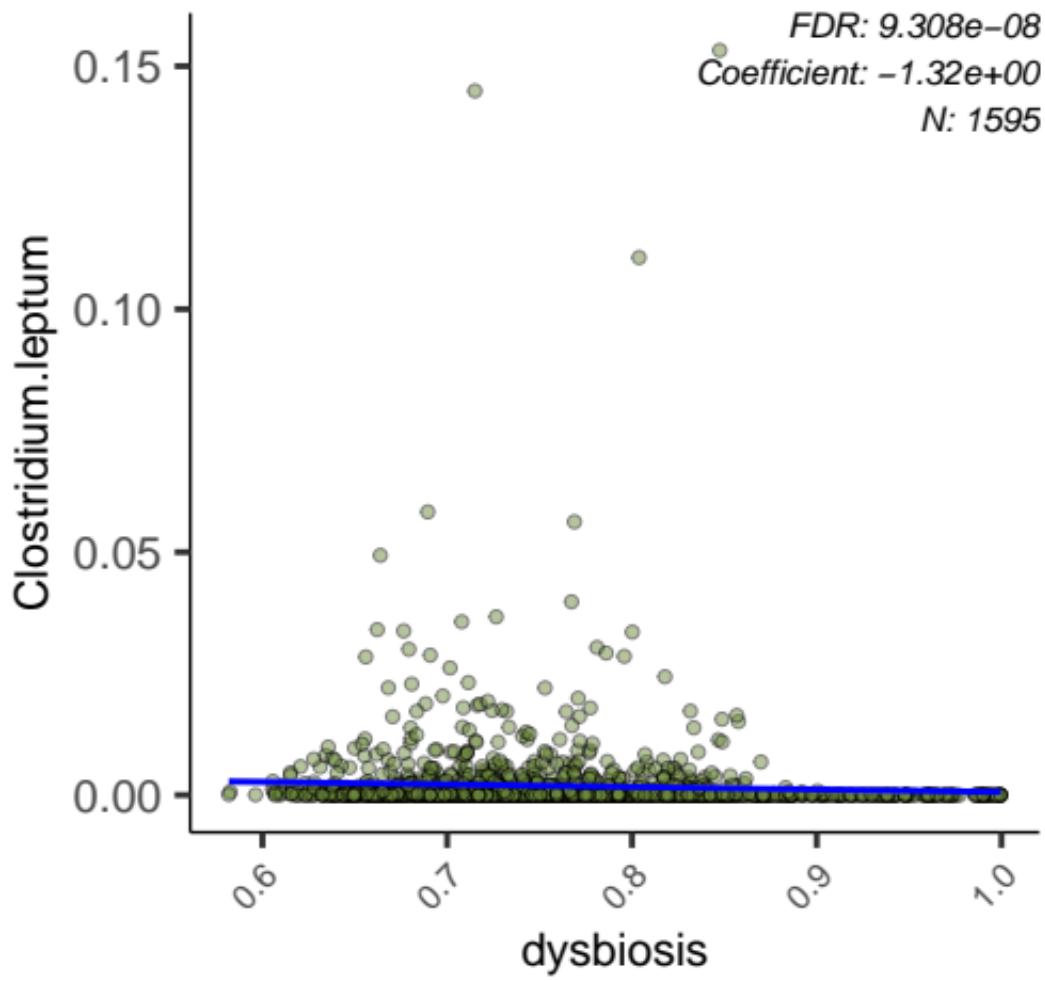












FDR: 1.033e-07  
Coefficient: 1.50e+00  
N: 1595

*Veillonella.parvula*

0.4

0.2

0.0

0.6

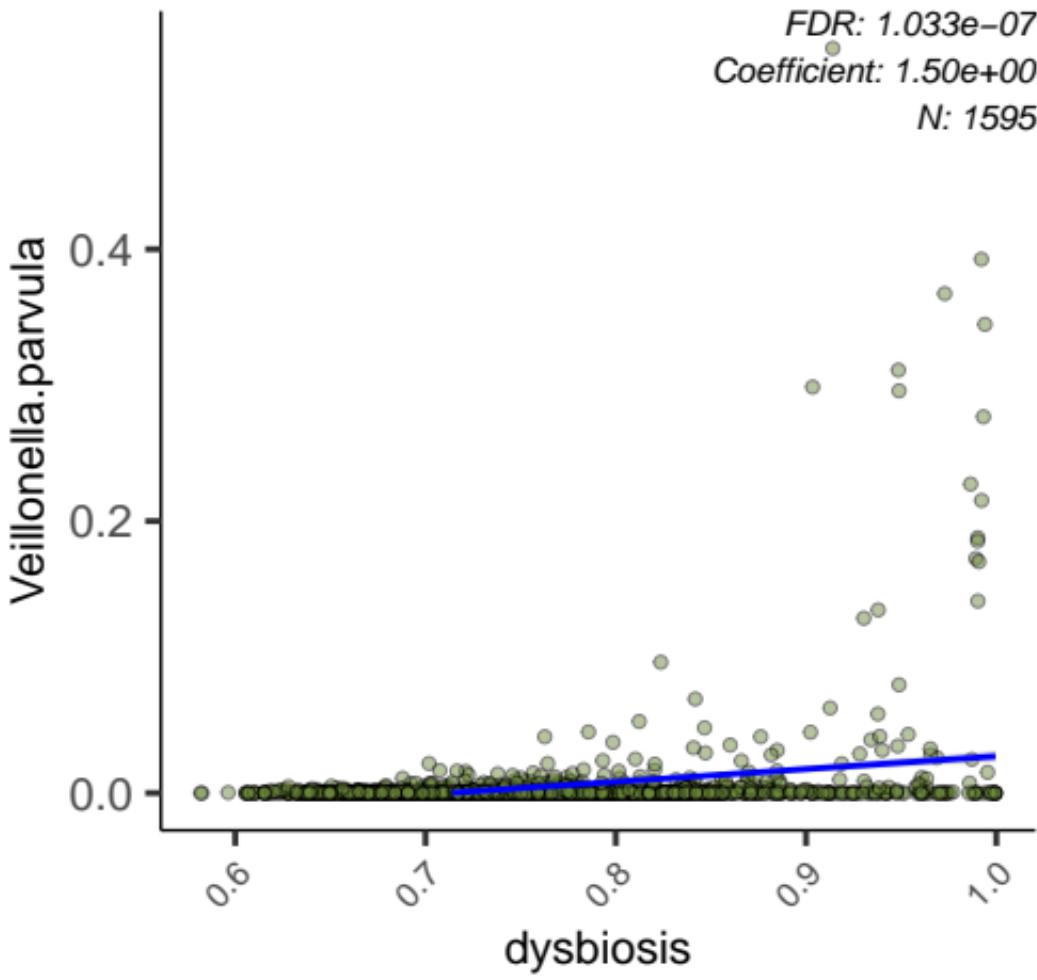
0.7

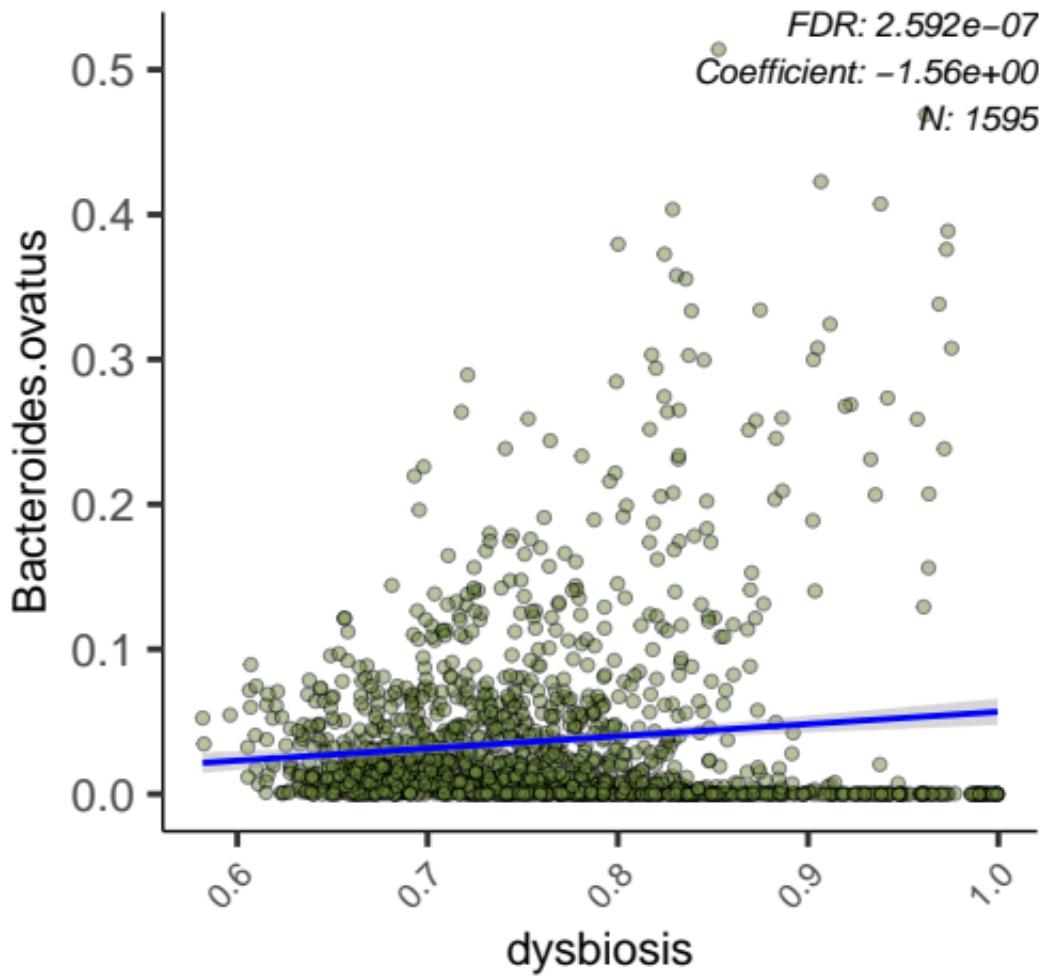
0.8

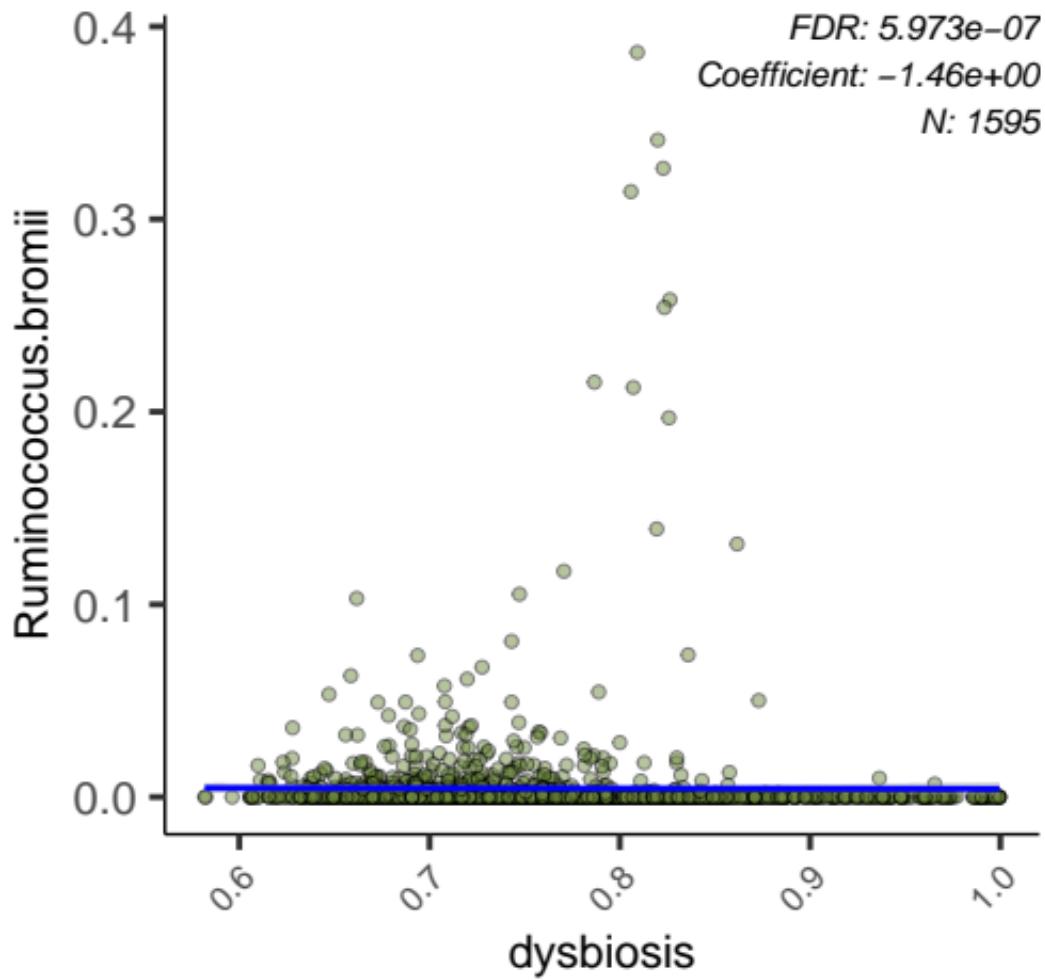
0.9

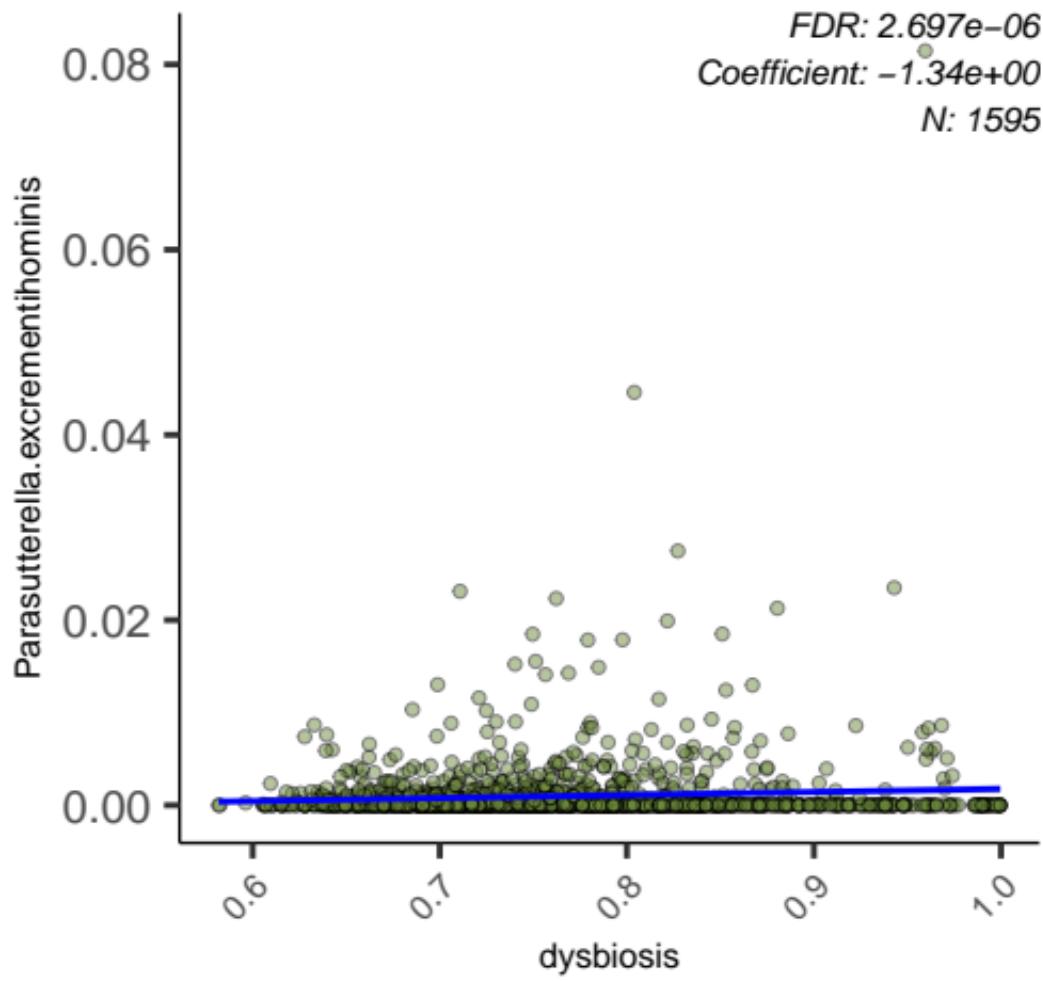
1.0

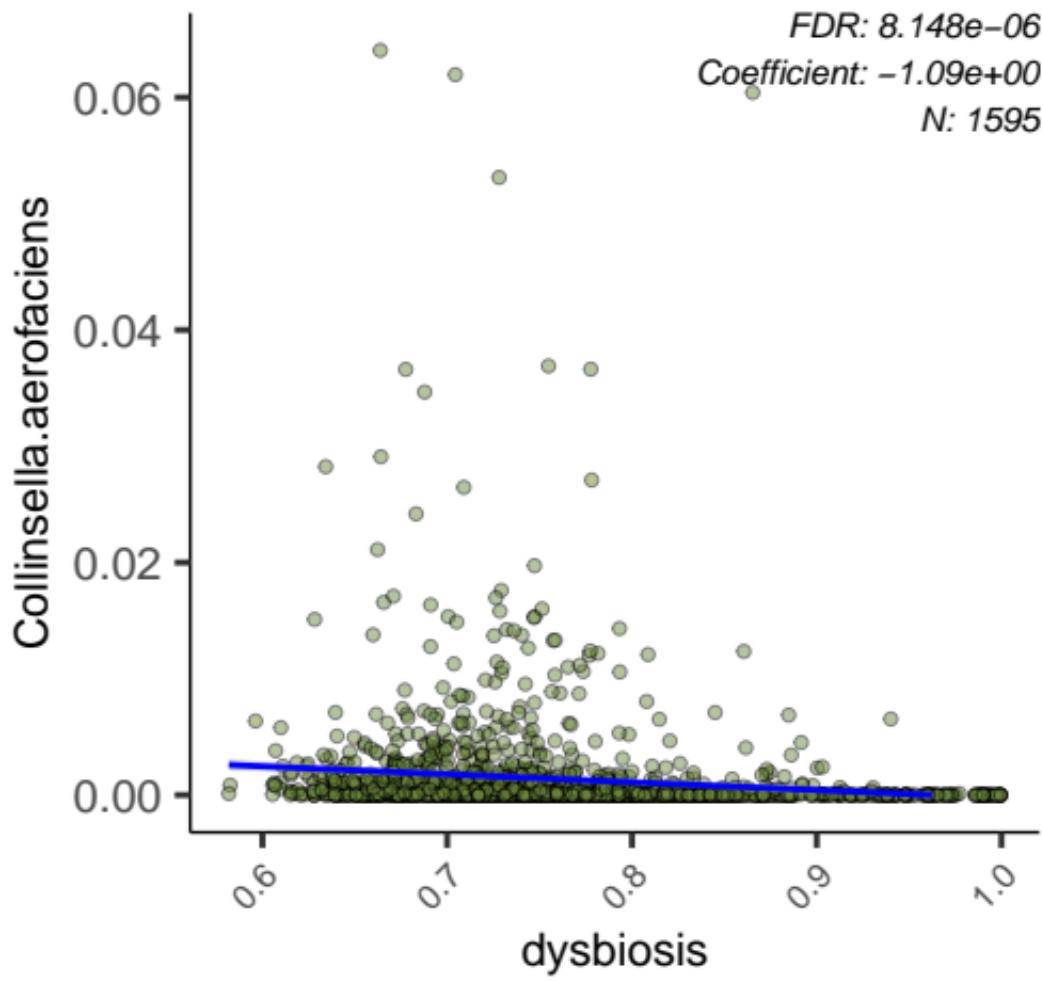
dysbiosis

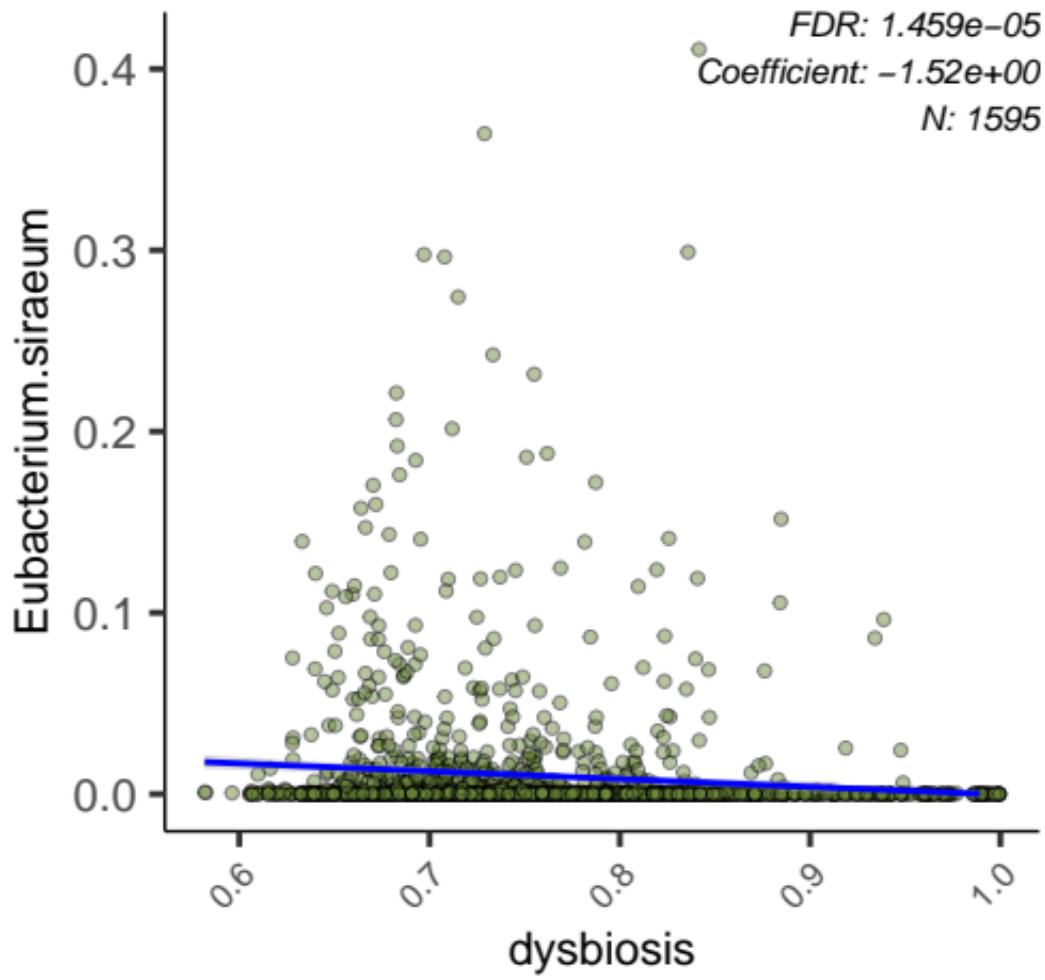


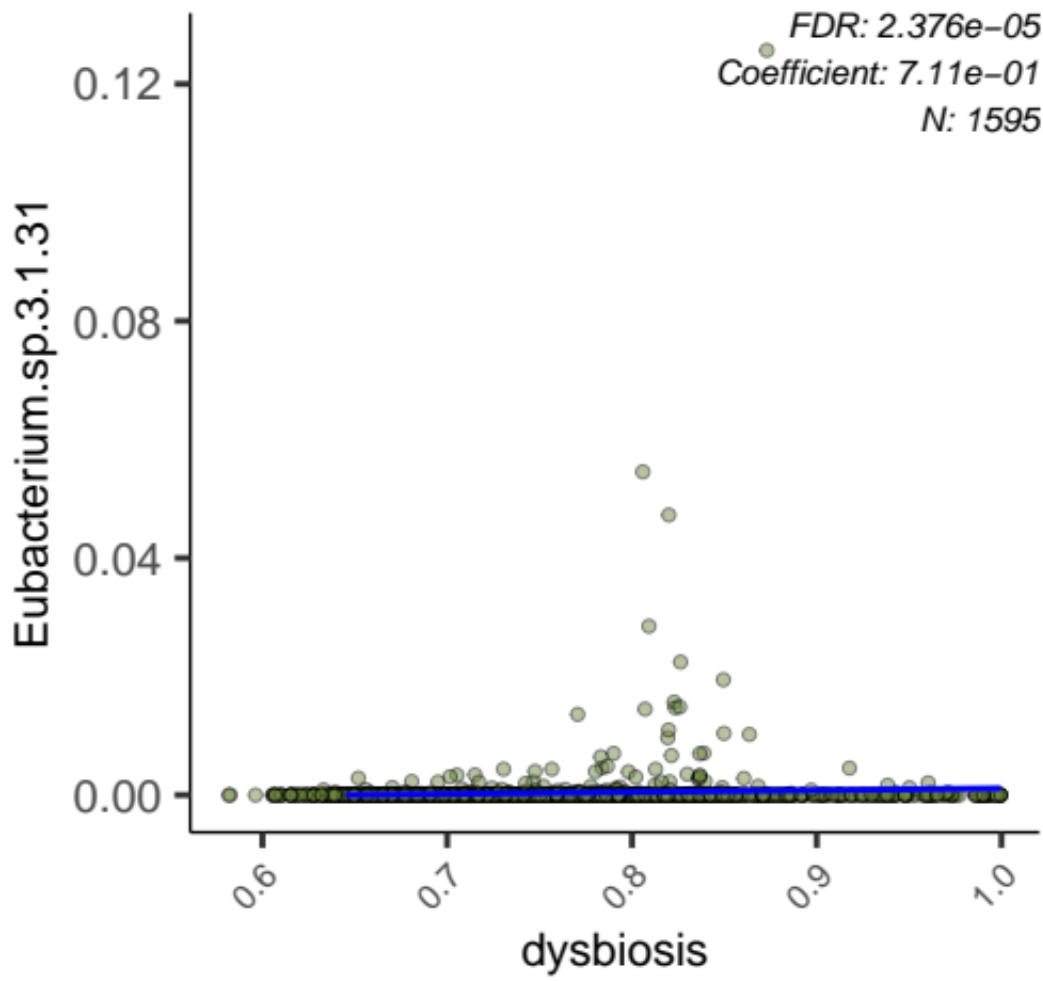


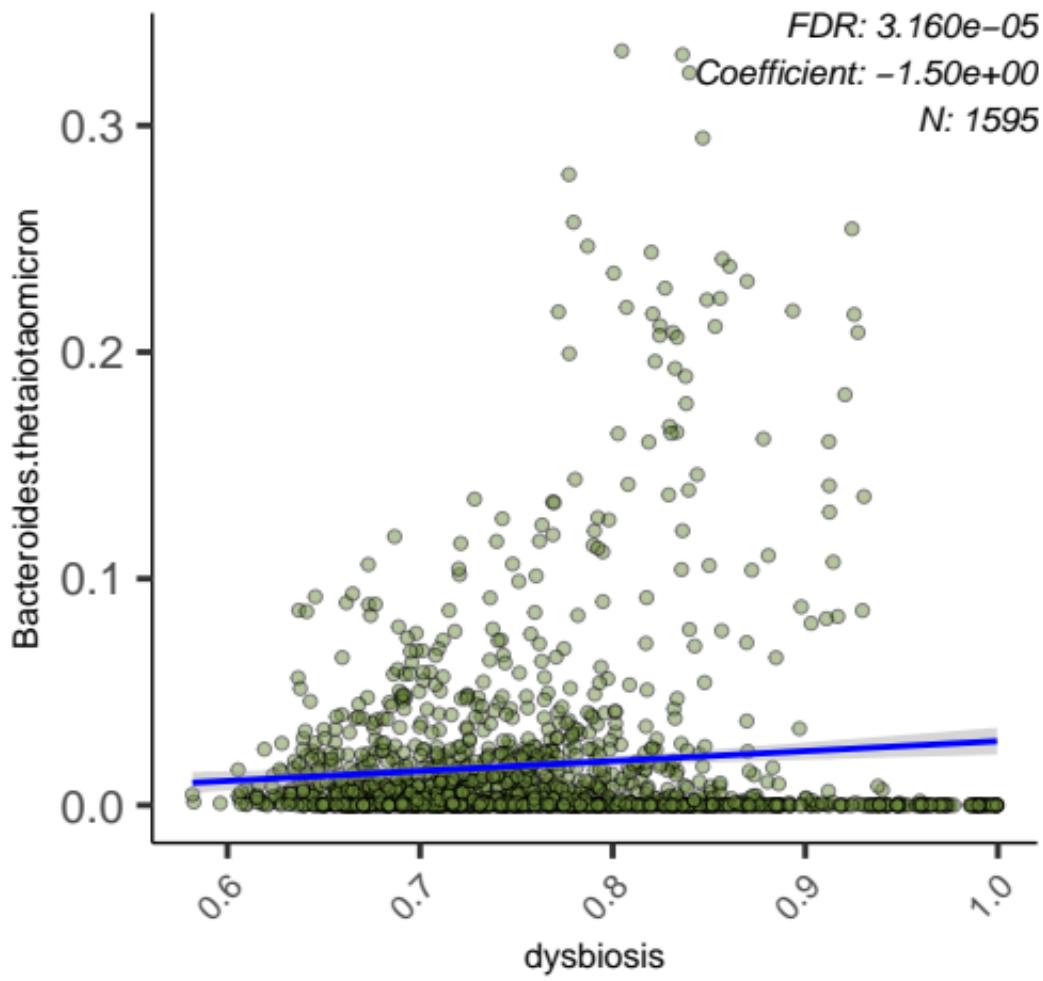


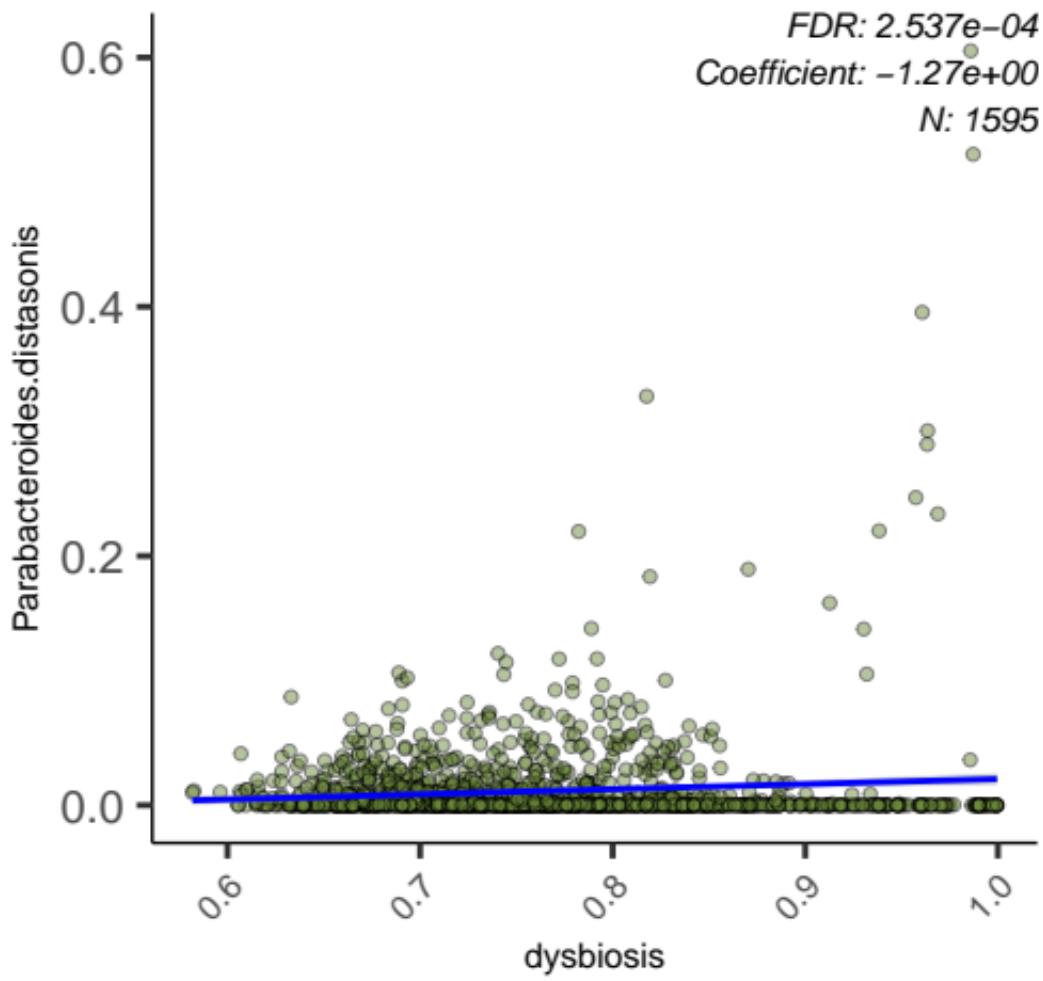












FDR:  $3.981e-04$   
Coefficient:  $-1.35e+00$

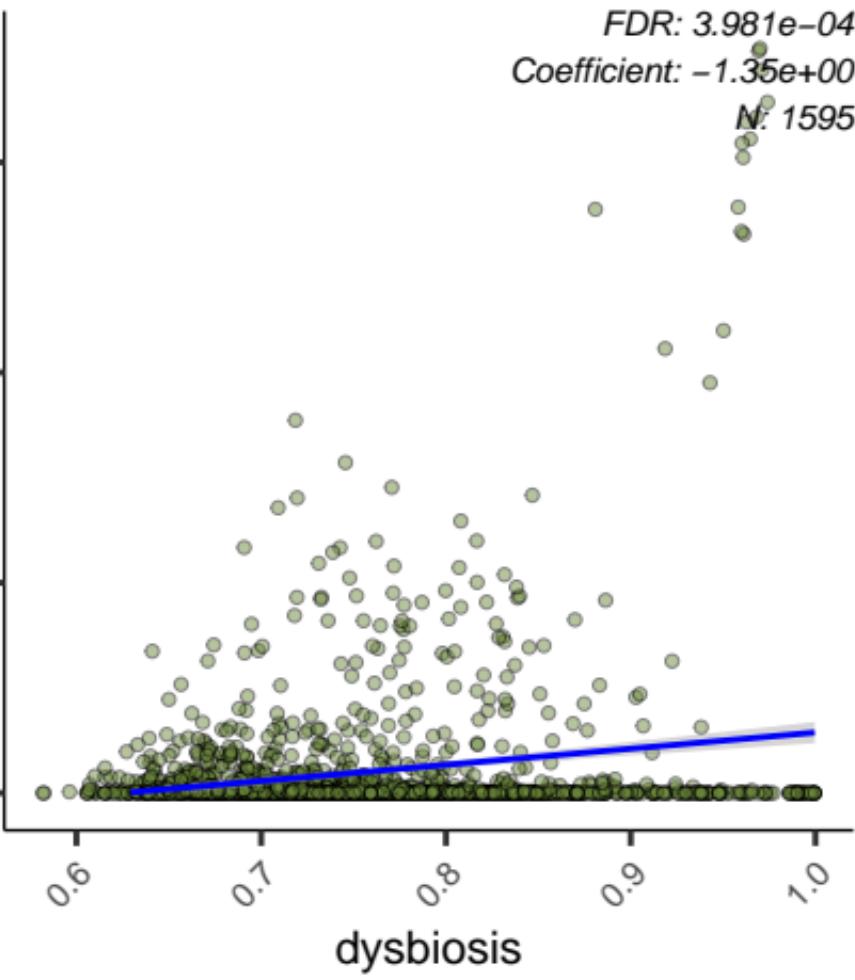
N: 1595

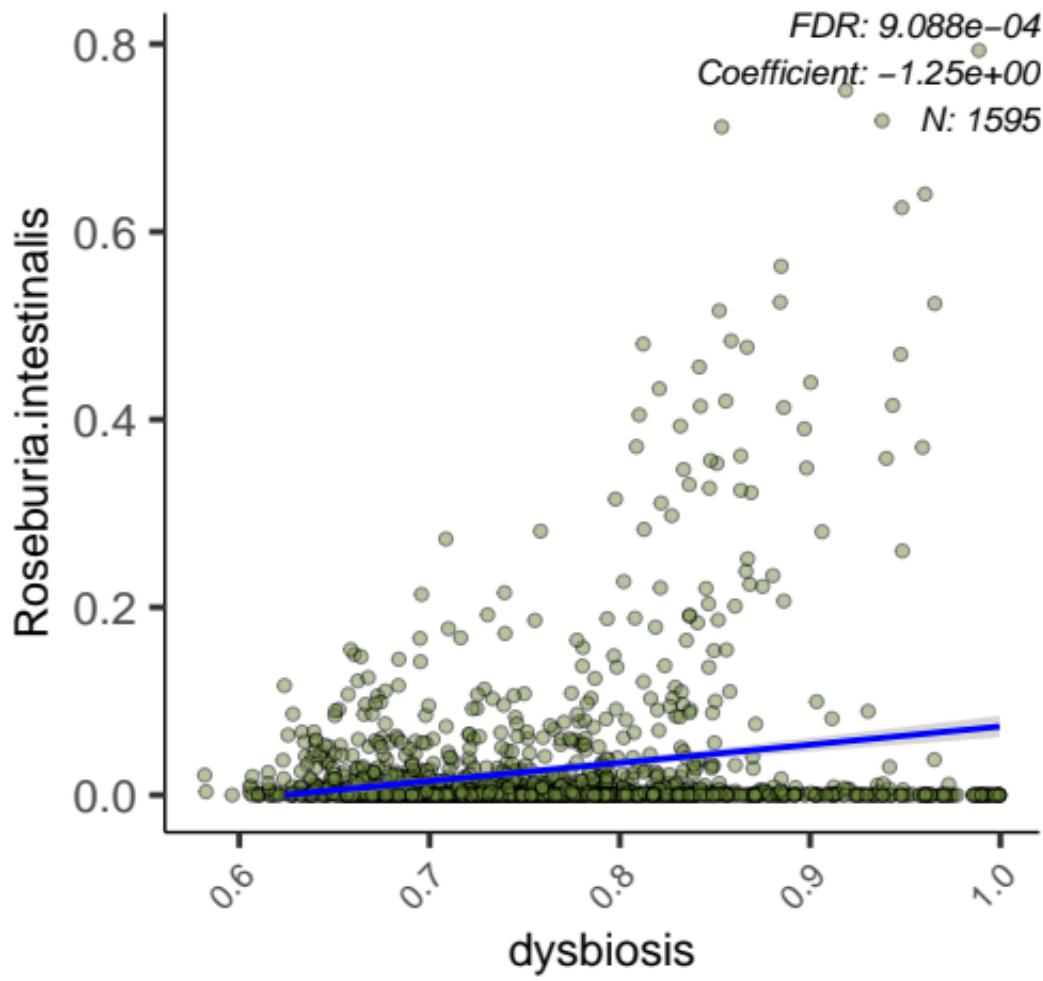
Bacteroides.dorei

0.75  
0.50  
0.25  
0.00

0.6 0.7 0.8 0.9 1.0

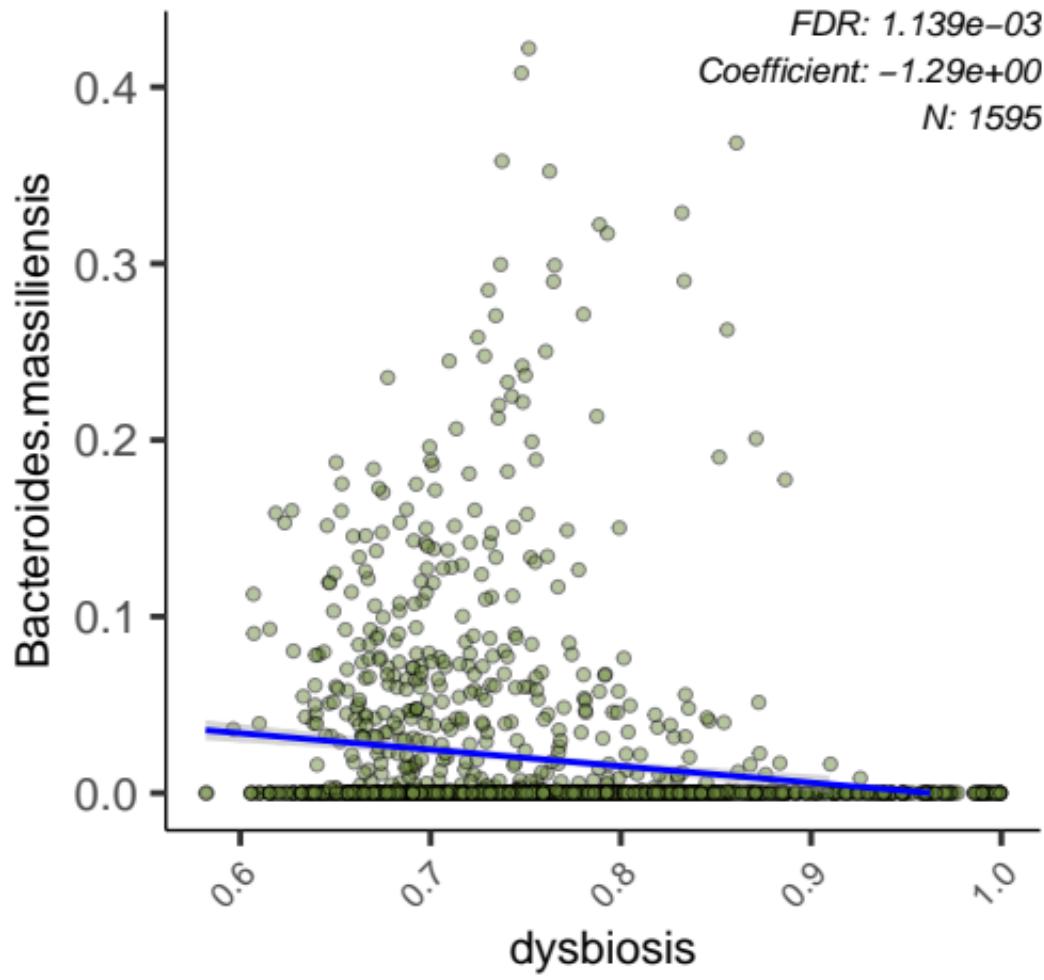
dysbiosis

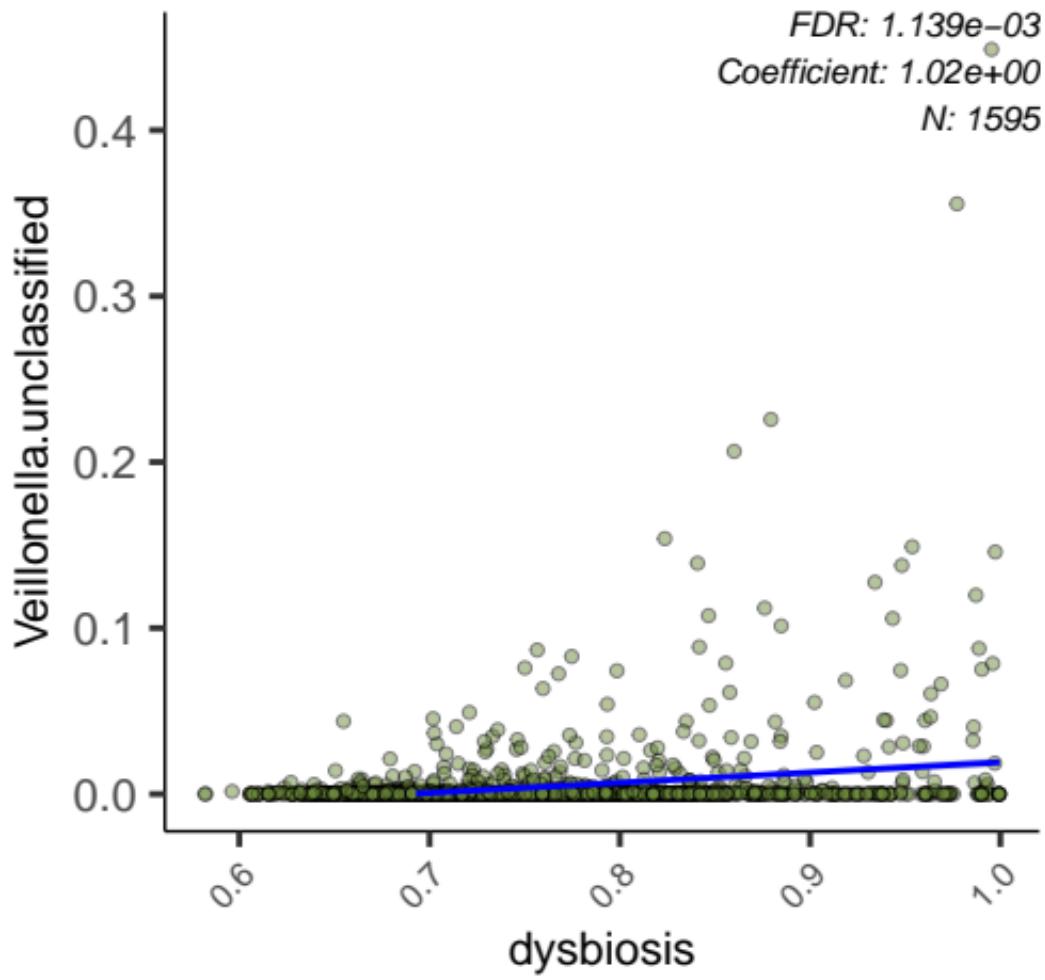


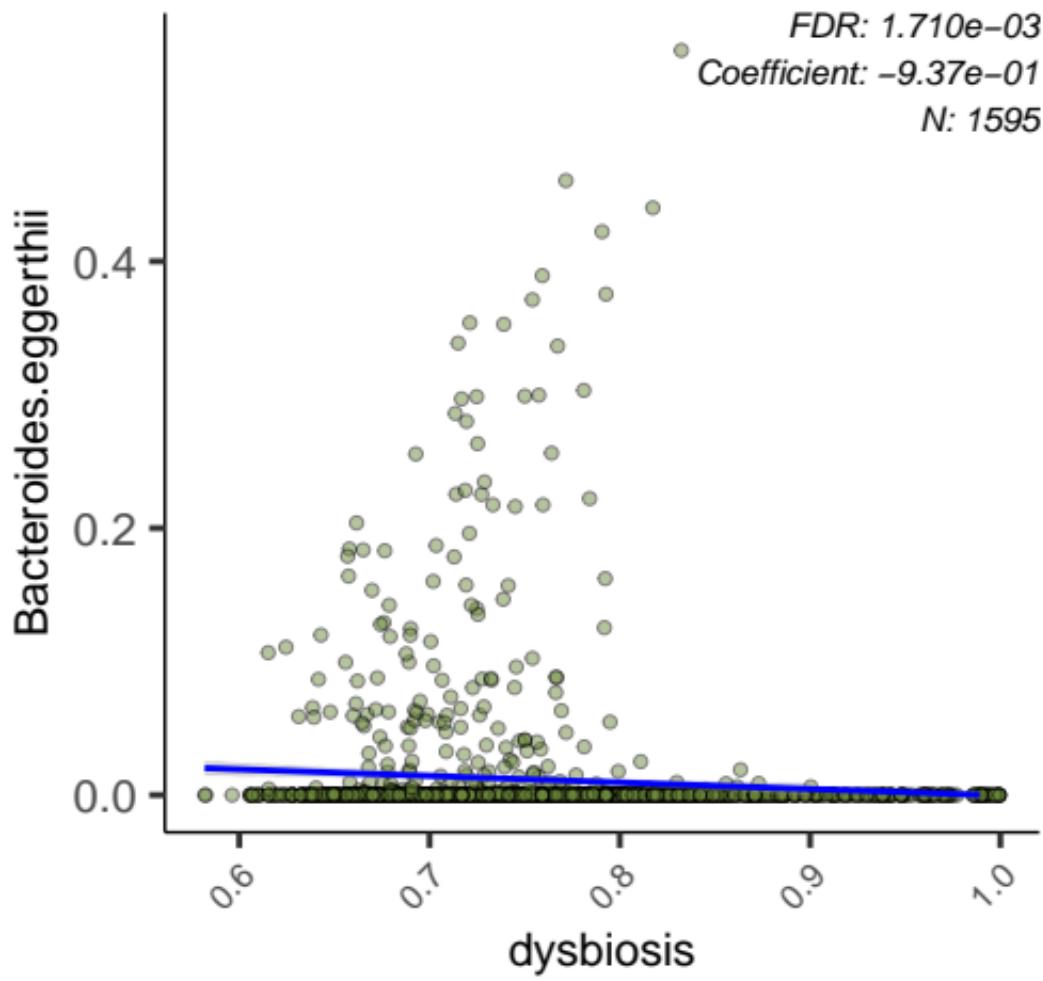


Bacteroides.massiliensis

FDR: 1.139e-03  
Coefficient: -1.29e+00  
N: 1595







FDR:  $1.991e-03$   
Coefficient:  $7.65e-01$   
 $N: 1595$

*Veilлонella.atypica*

0.09

0.06

0.03

0.00

0.6

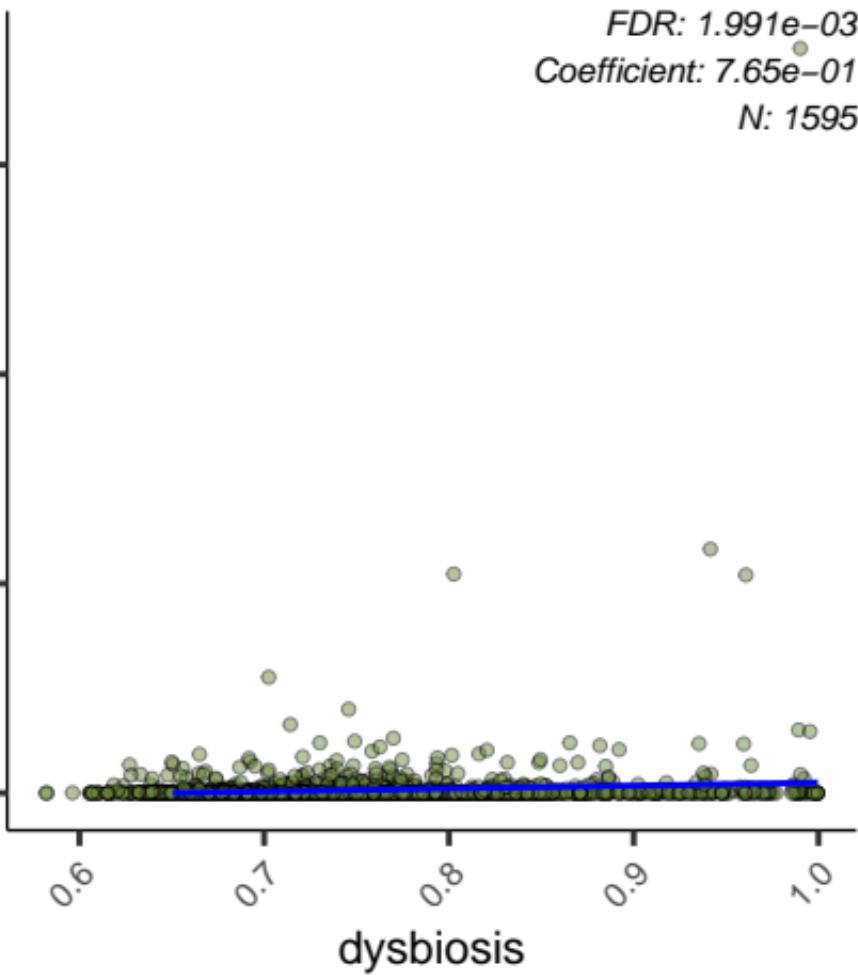
0.7

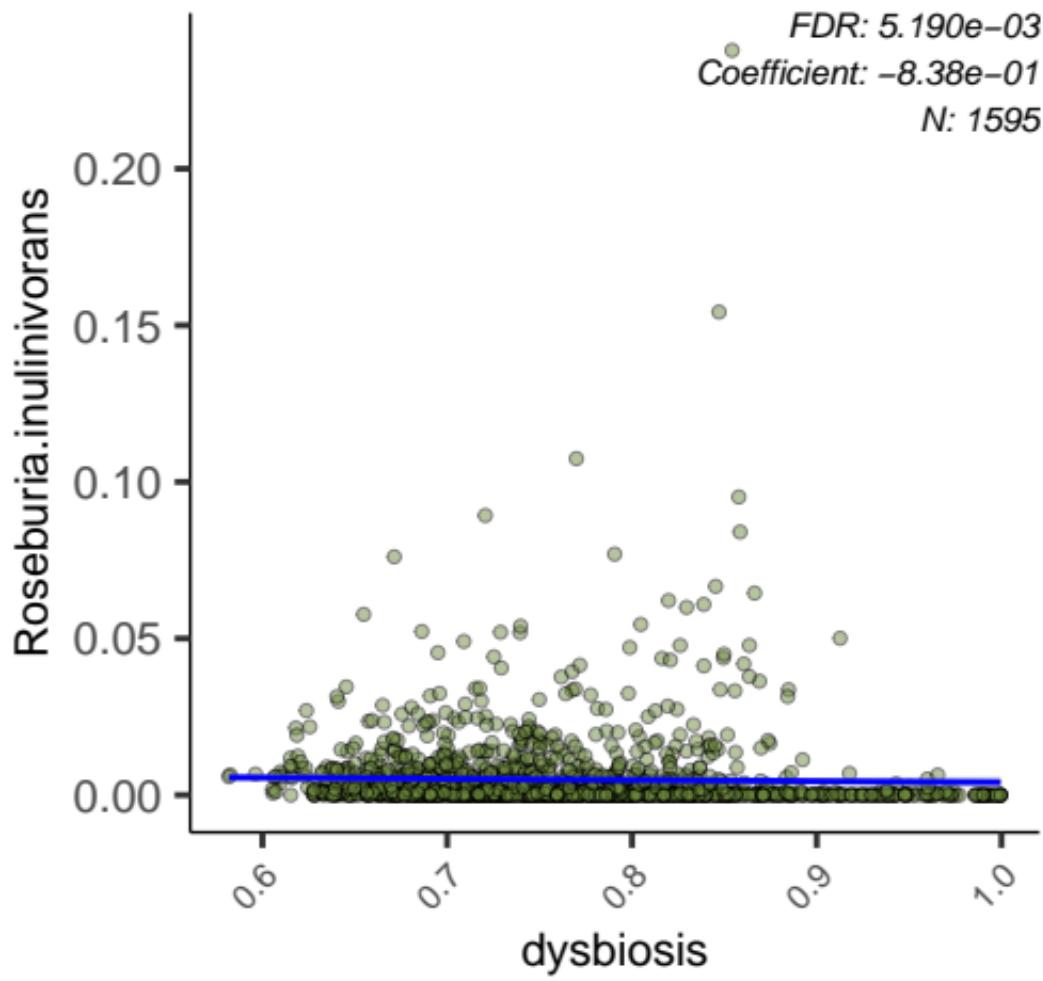
0.8

0.9

1.0

dysbiosis





FDR:  $5.433e-03$   
Coefficient:  $4.96e-01$   
N: 1595

*Klebsiella.pneumoniae*

0.4

0.2

0.0

0.6

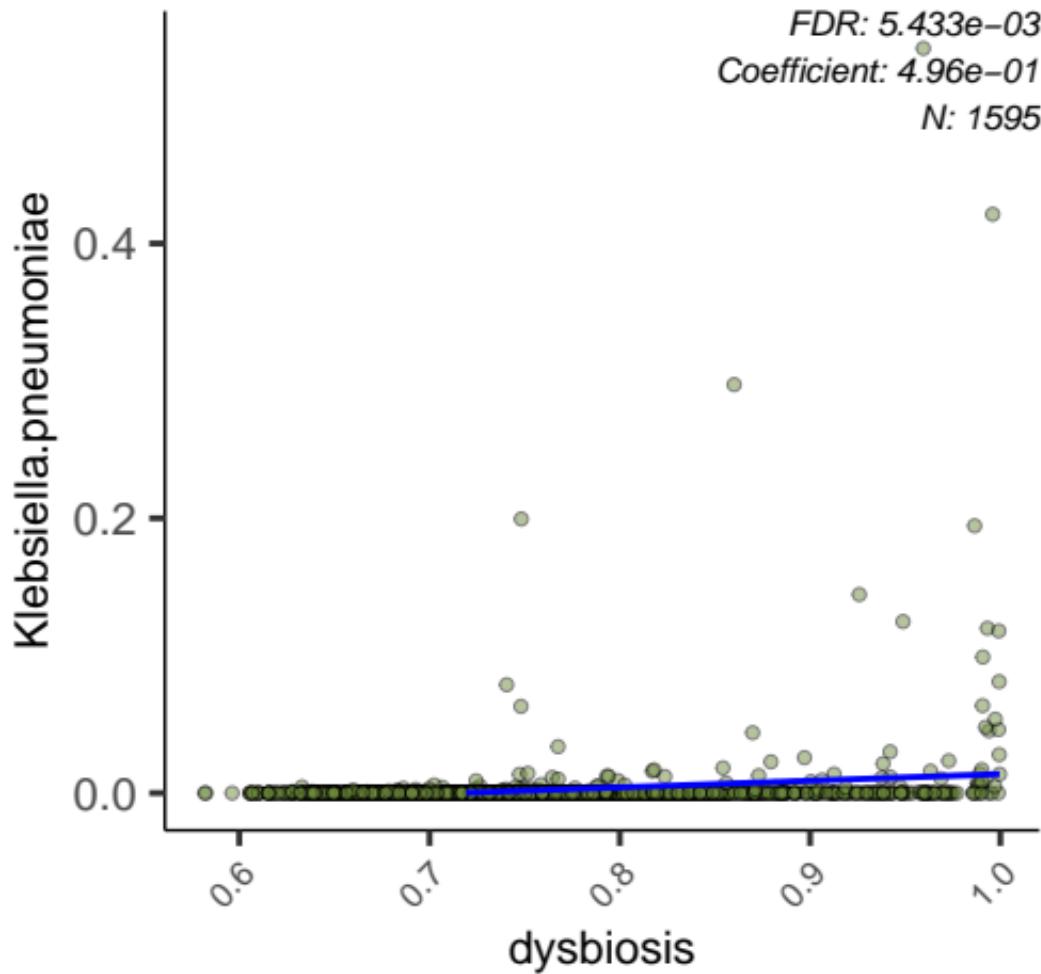
0.7

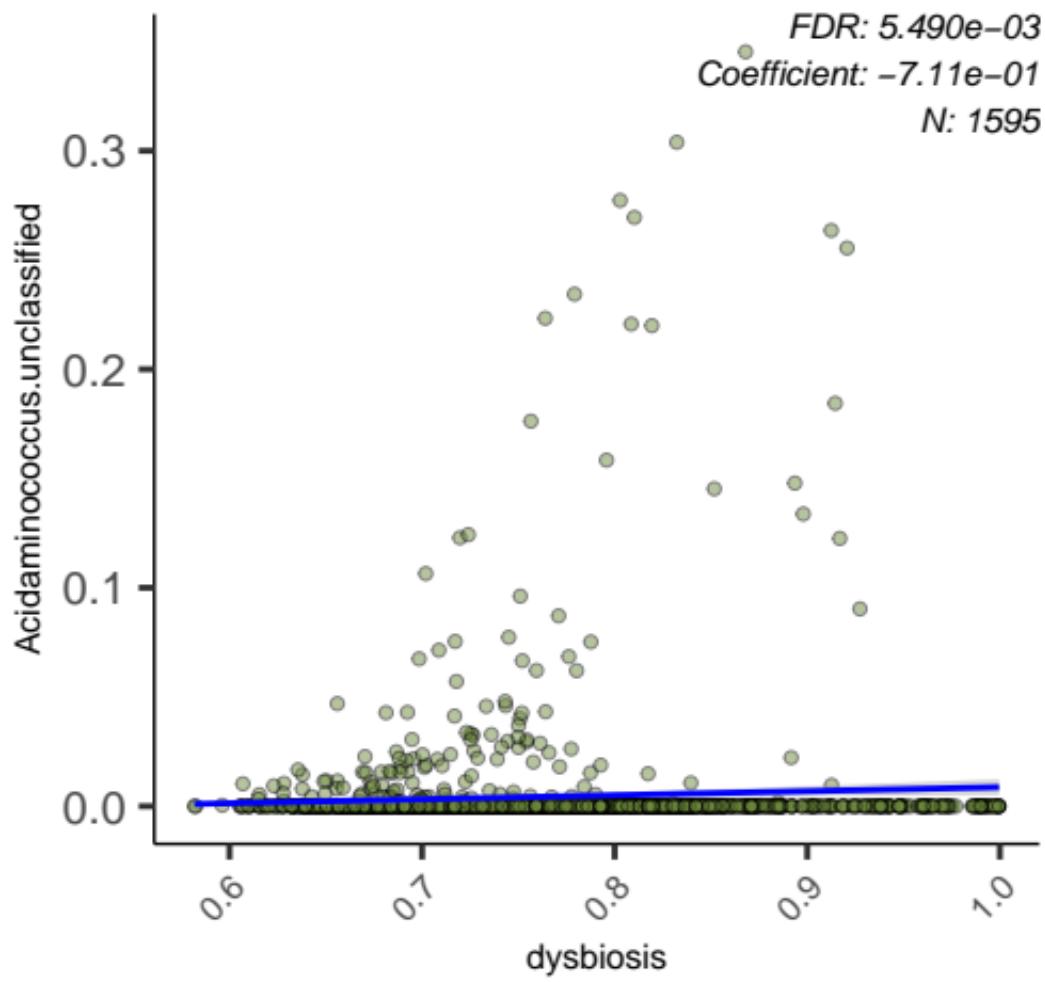
0.8

0.9

1.0

dysbiosis





*FDR*: 6.609e-03  
*Coefficient*: -9.66e-01  
*N*: 1595

Roseburia.unclassified

0.10

0.05

0.00

0.6

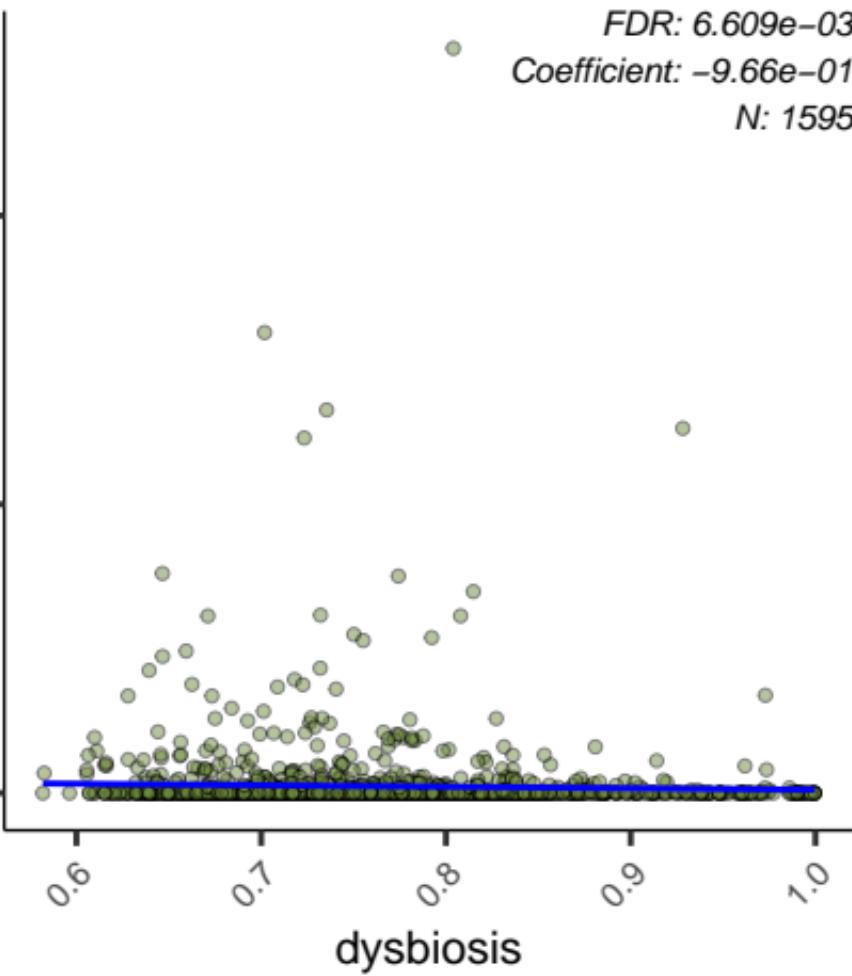
0.7

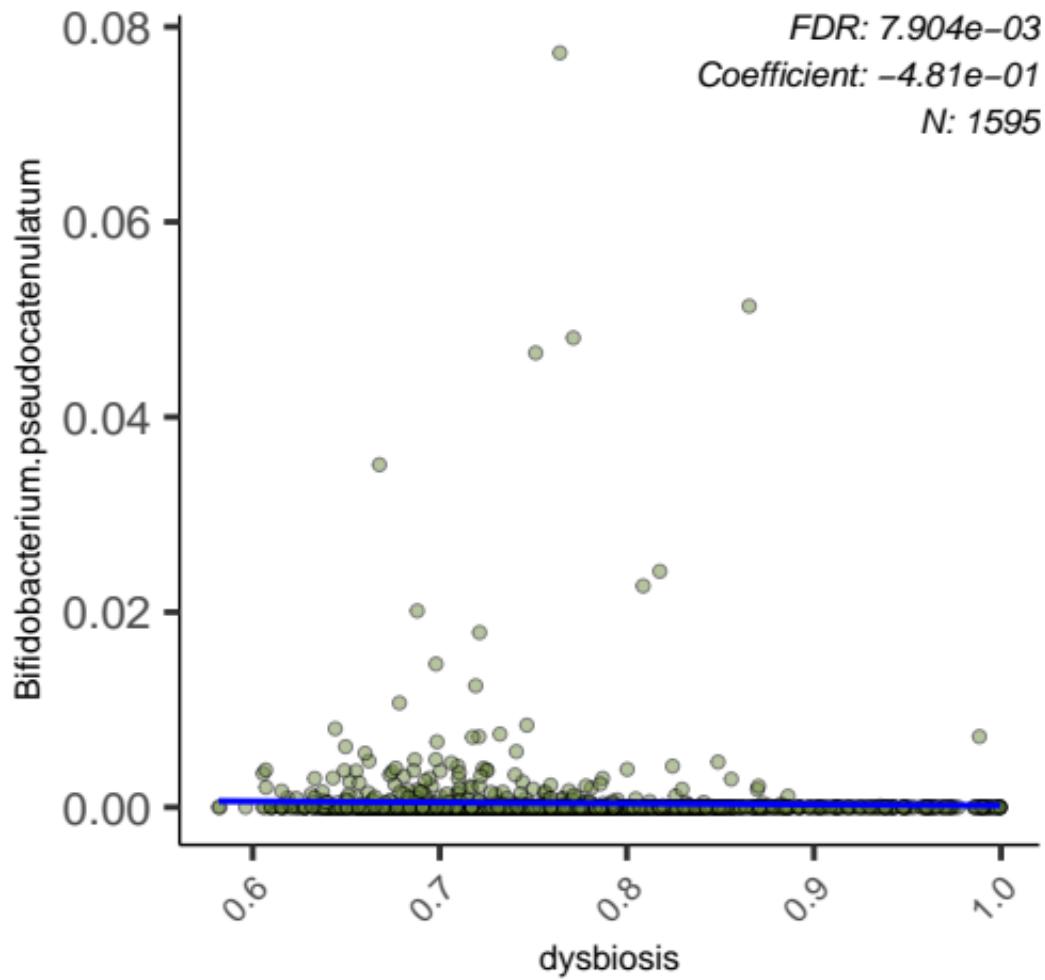
0.8

0.9

1.0

dysbiosis





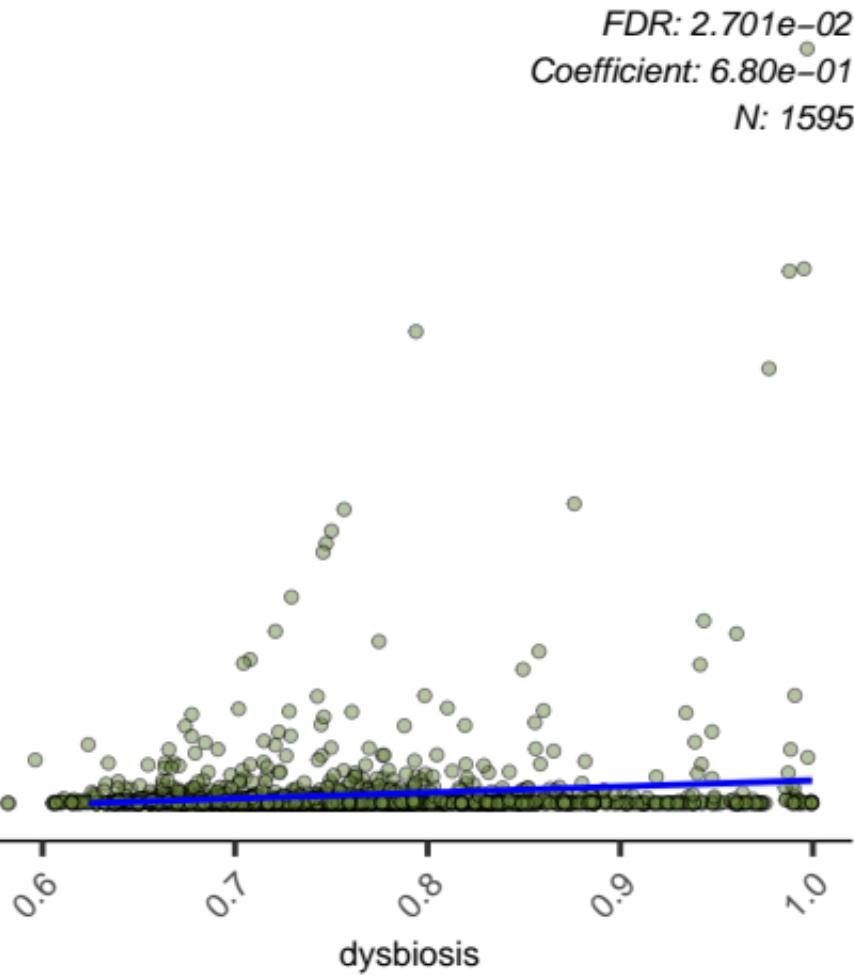
FDR:  $2.701e-02$   
Coefficient:  $6.80e-01$   
 $N: 1595$

*Haemophilus.parainfluenzae*

0.3  
0.2  
0.1  
0.0

0.6 0.7 0.8 0.9 1.0

dysbiosis



FDR:  $3.552e-02$   
Coefficient:  $-3.77e-01$   
N: 1595

Coprobacter.fastidiosus

0.10

0.05

0.00

0.6

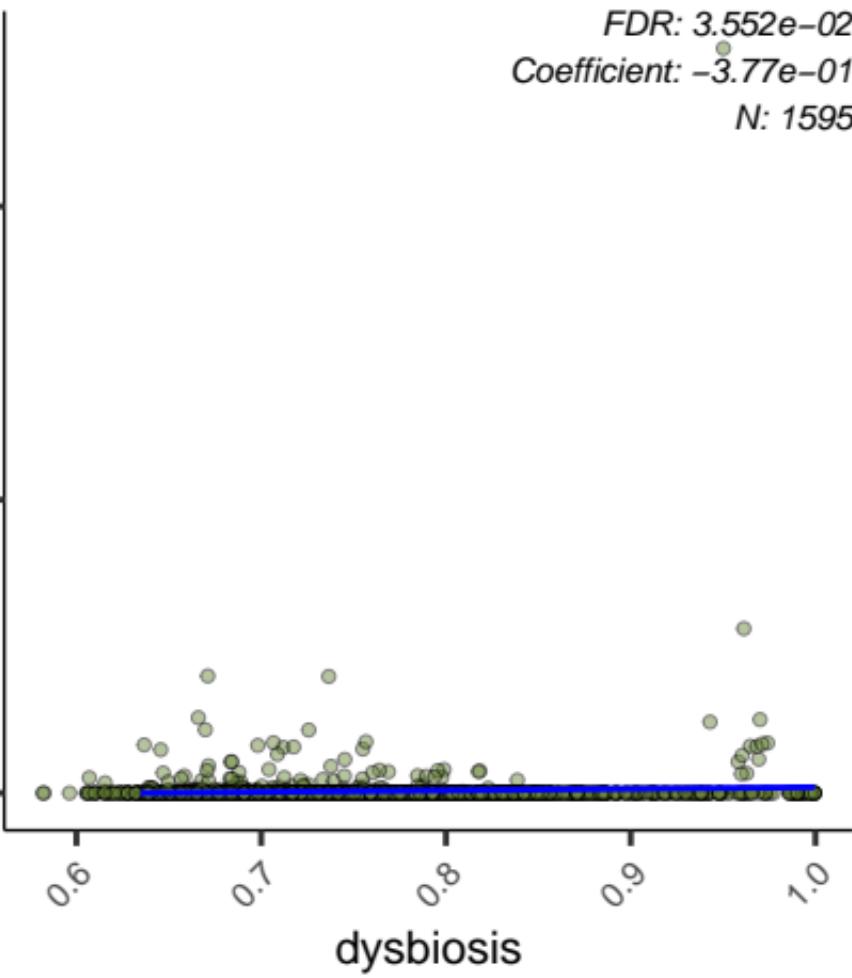
0.7

0.8

0.9

1.0

dysbiosis



FDR:  $4.012e-02$   
Coefficient:  $-6.23e-01$   
N: 1595

Burkholderiales,bacterium.1.1.47

0.05

0.04

0.03

0.02

0.01

0.00

0.6

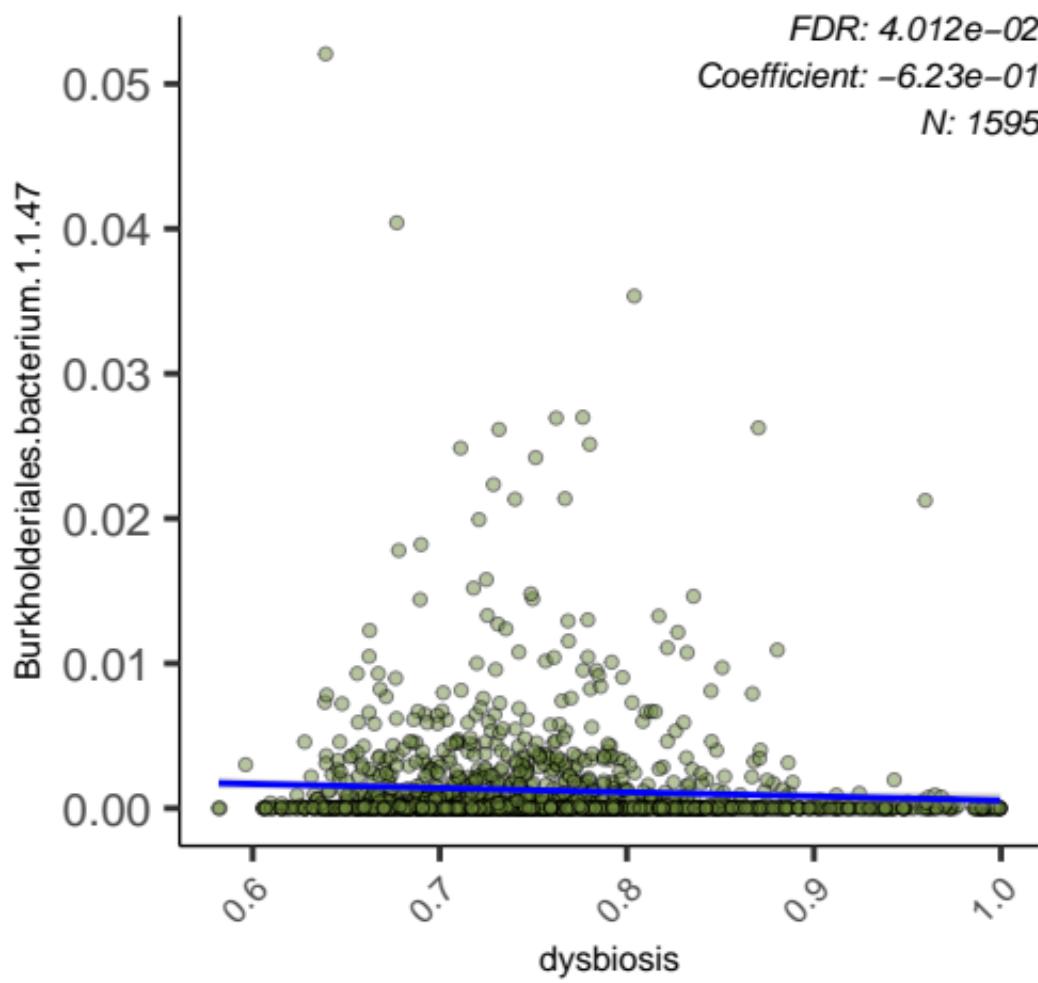
0.7

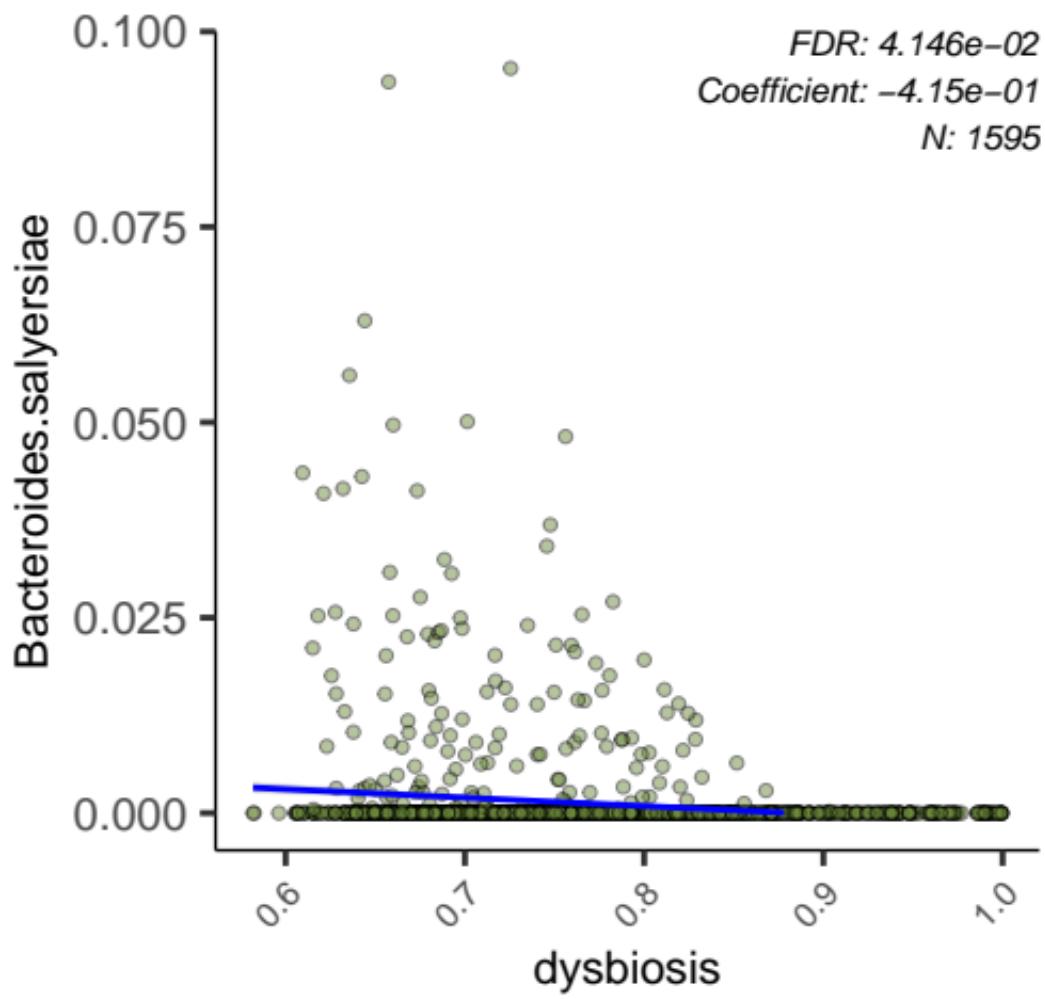
0.8

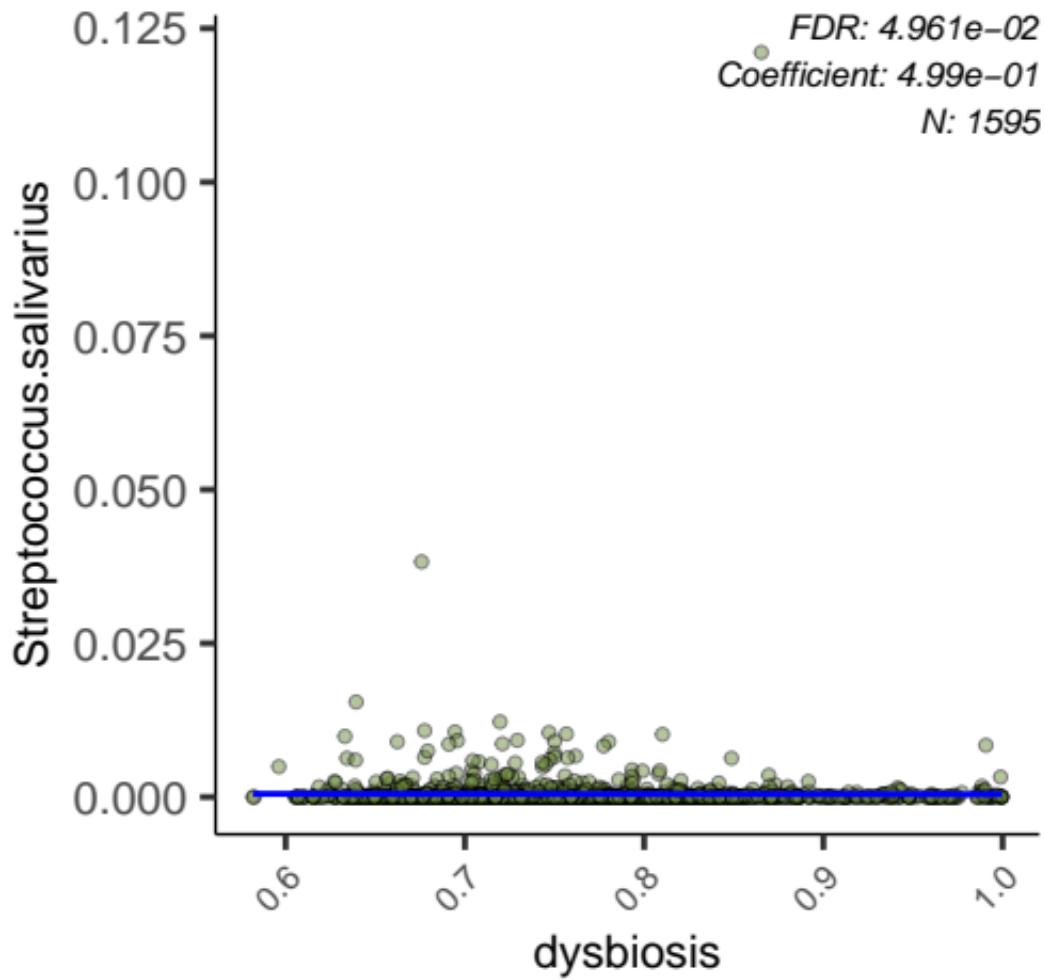
0.9

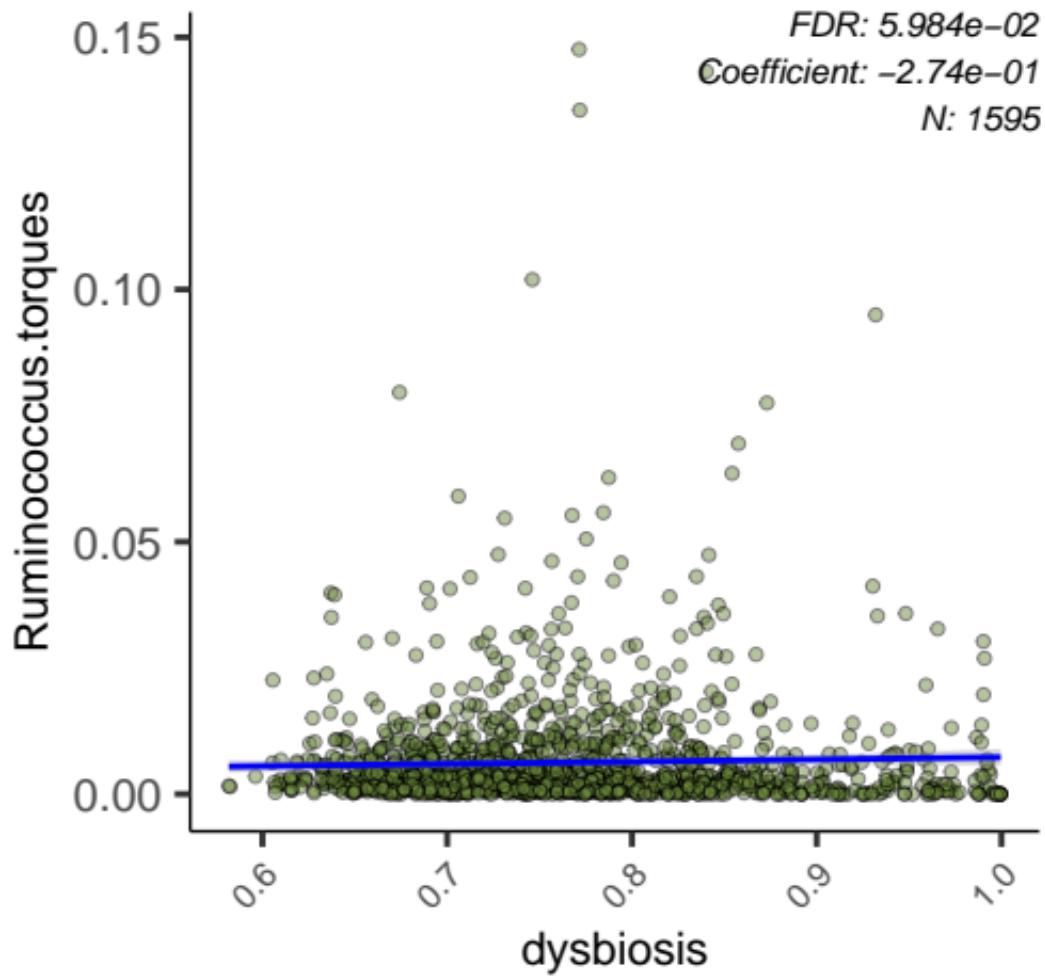
1.0

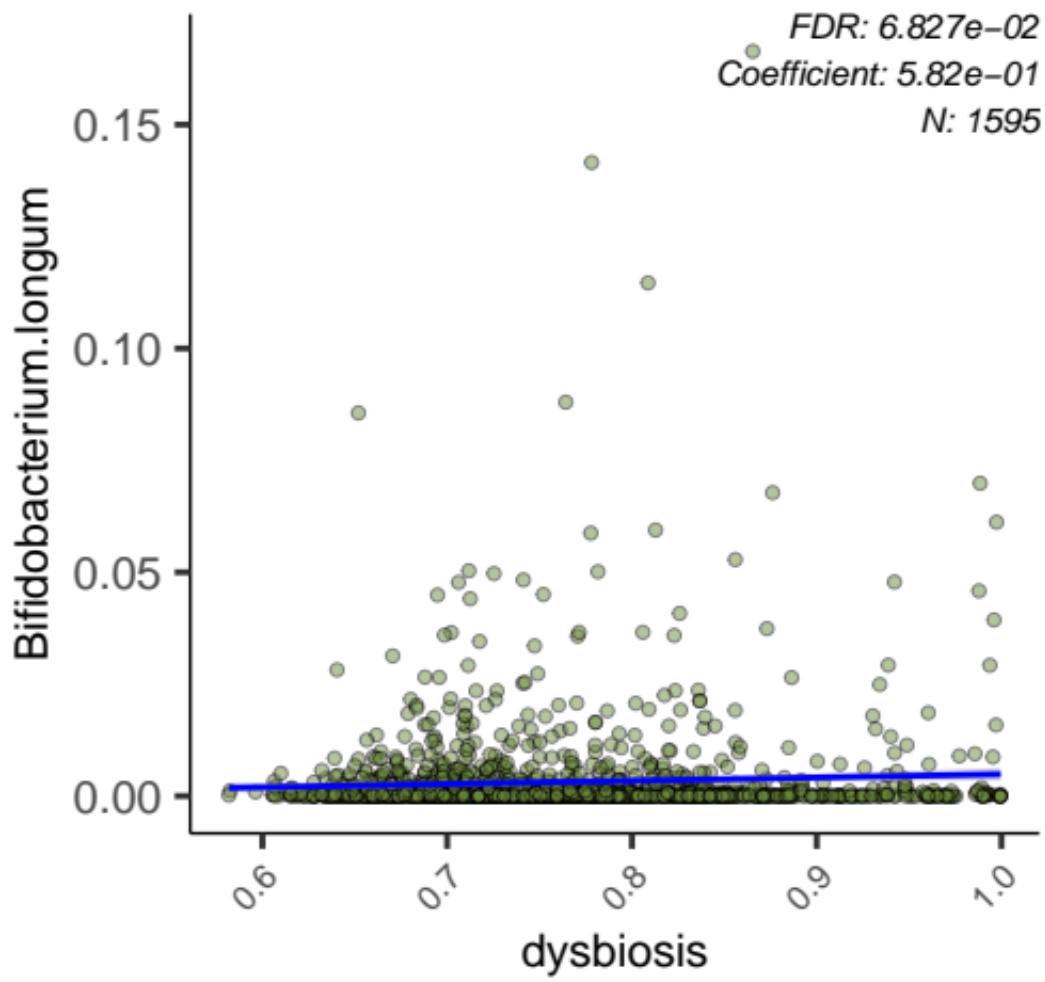
dysbiosis

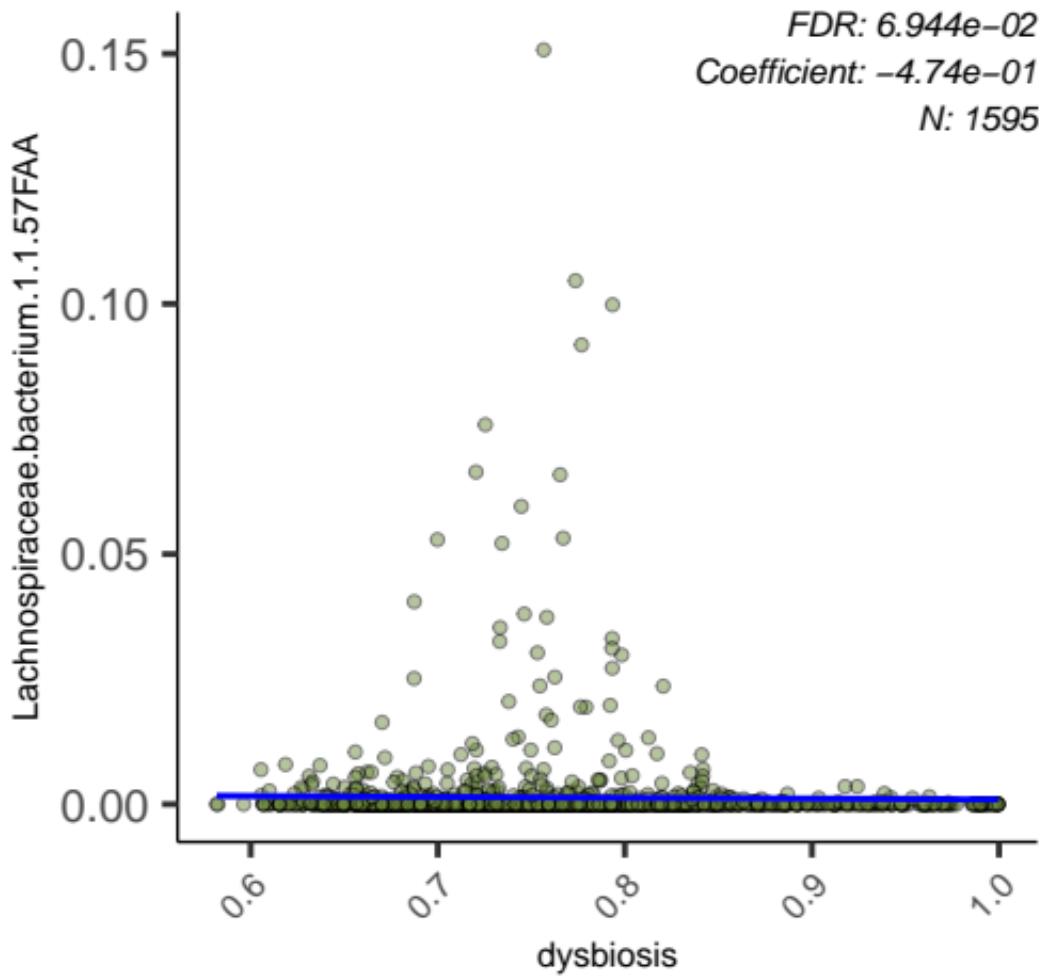












FDR:  $1.621e-01$   
Coefficient:  $2.97e-01$   
 $N: 1595$

C2likevirus.unclassified

0.4

0.2

0.0

0.6

0.7

0.8

0.9

1.0

dysbiosis

