

FDR: $3.261e-146$
Coefficient: $-3.50e+00$
 $N: 1595$

Bacteroides.uniformis

0.75

0.50

0.25

0.00

0.6

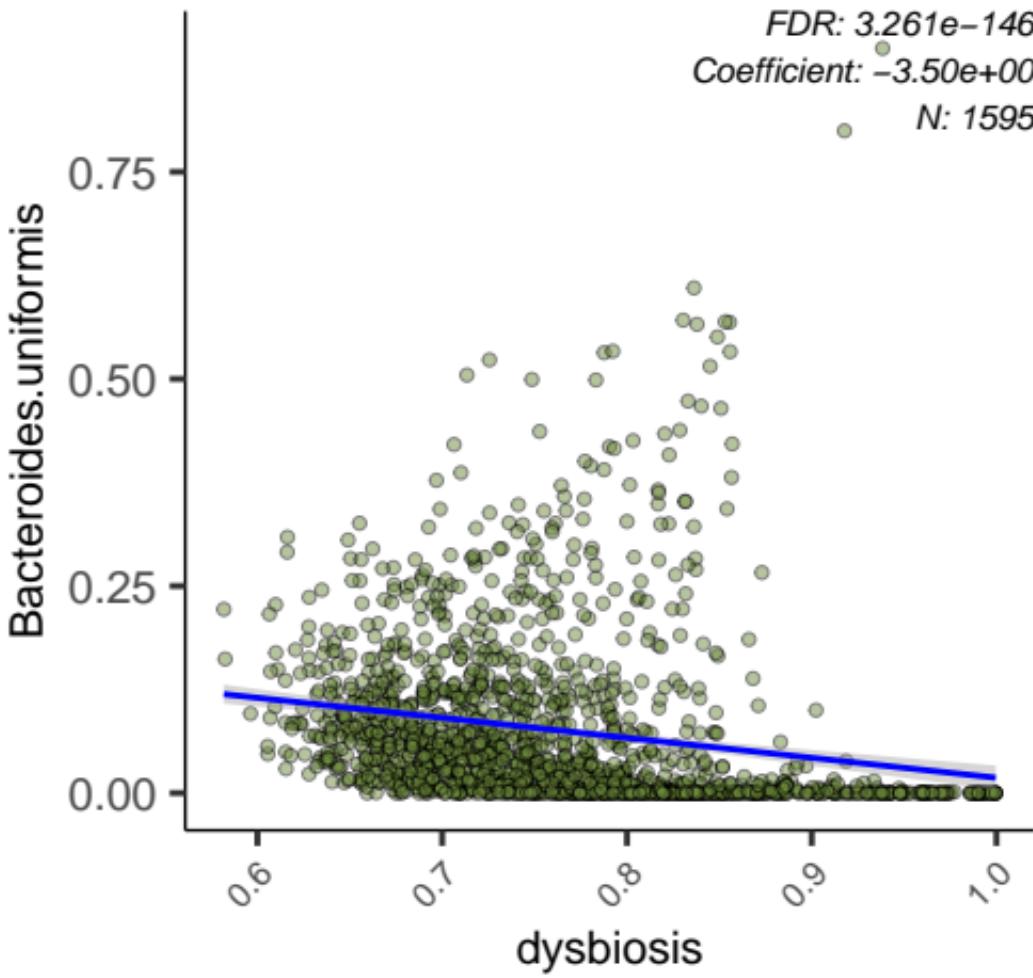
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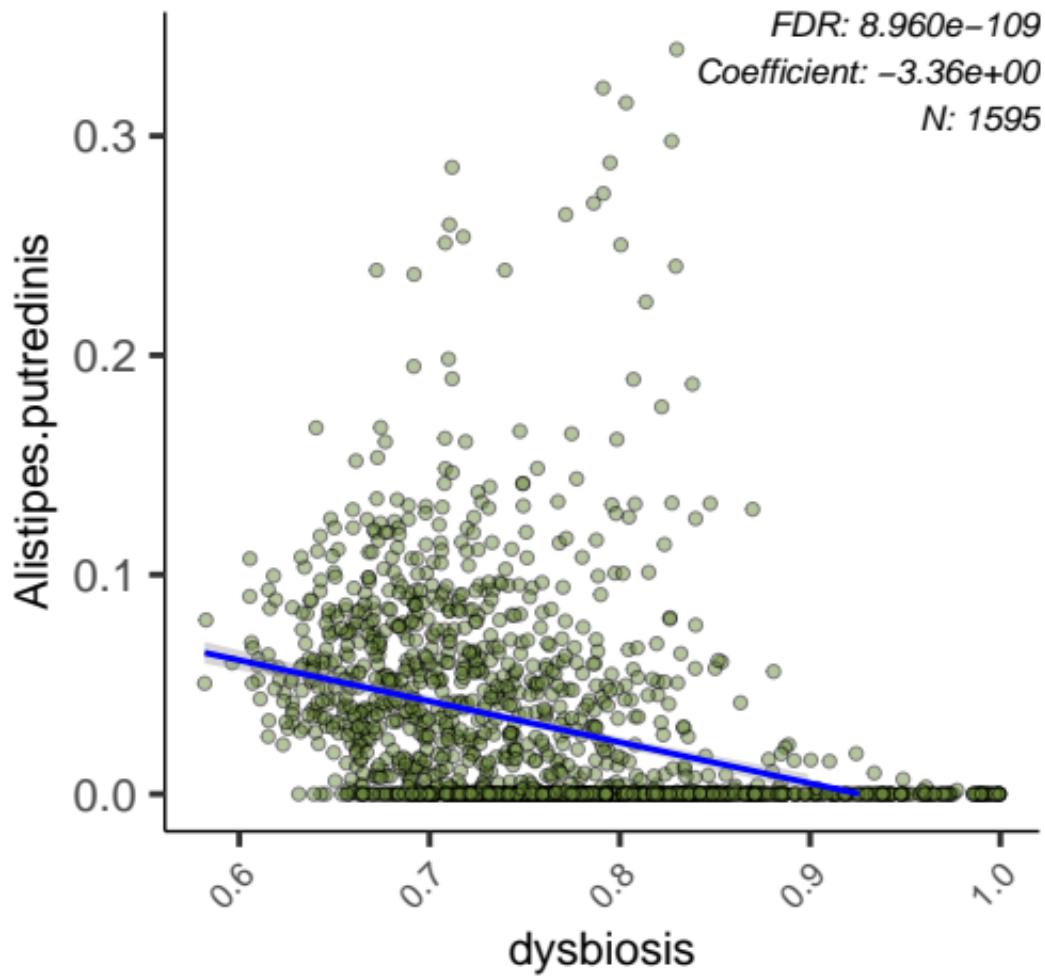
0.8

0.9

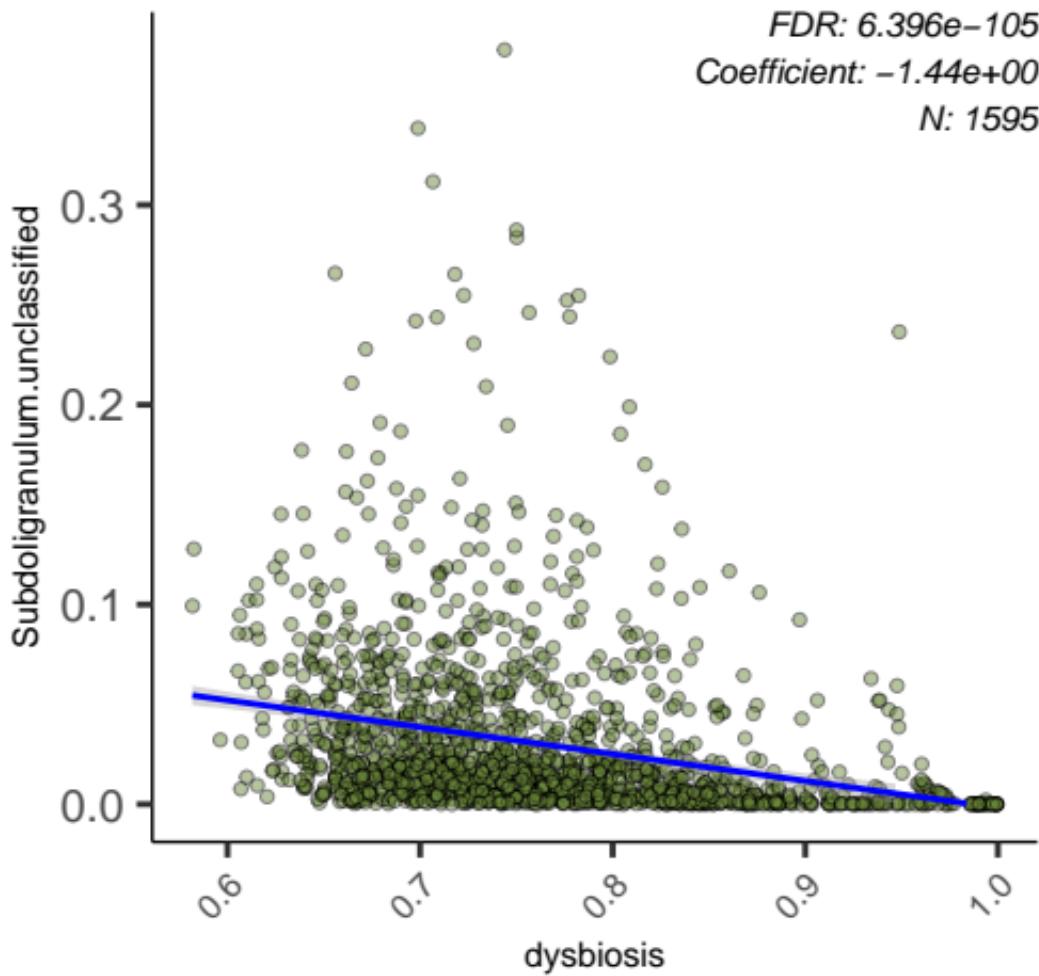
1.0

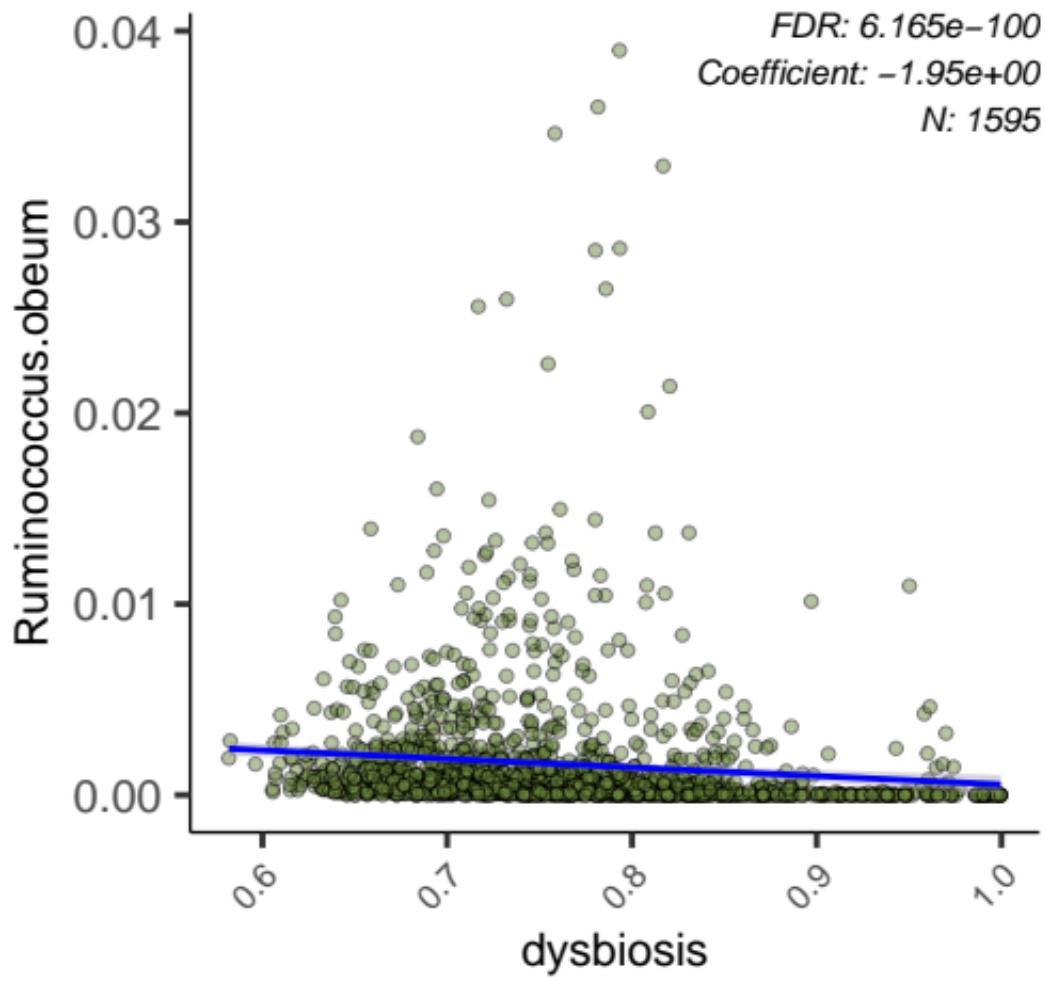
dysbiosis





FDR: $6.396e-105$
Coefficient: $-1.44e+00$
 $N: 1595$





FDR: $1.131e-84$
Coefficient: $-2.16e+00$
 $N: 1595$

Coprococcus.comes

0.03

0.02

0.01

0.00

0.6

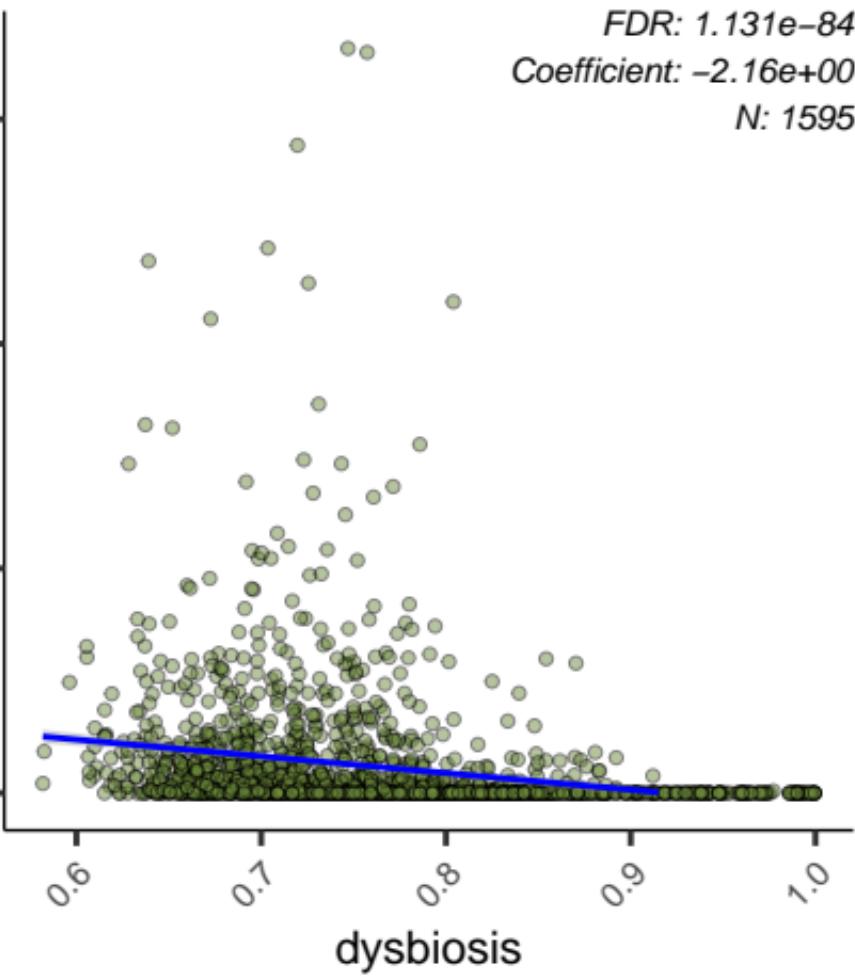
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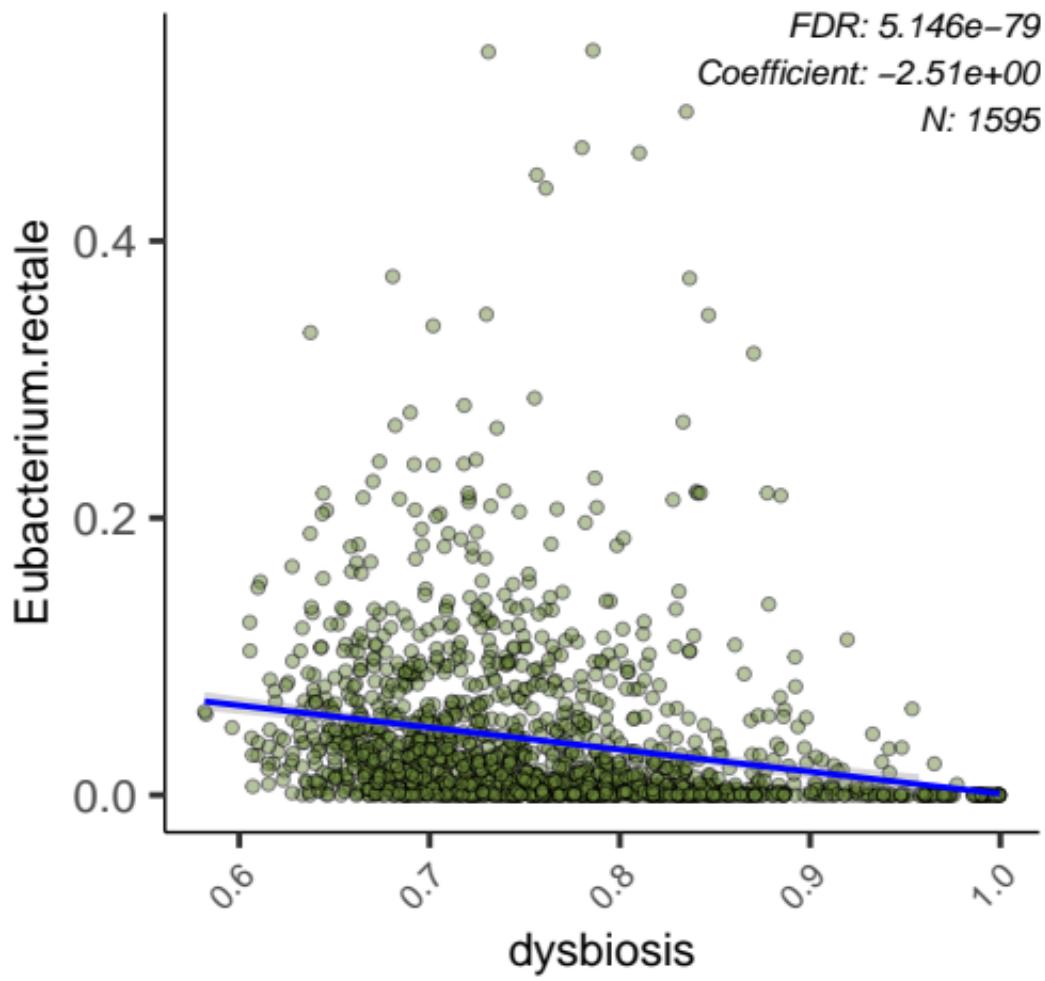
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0.9

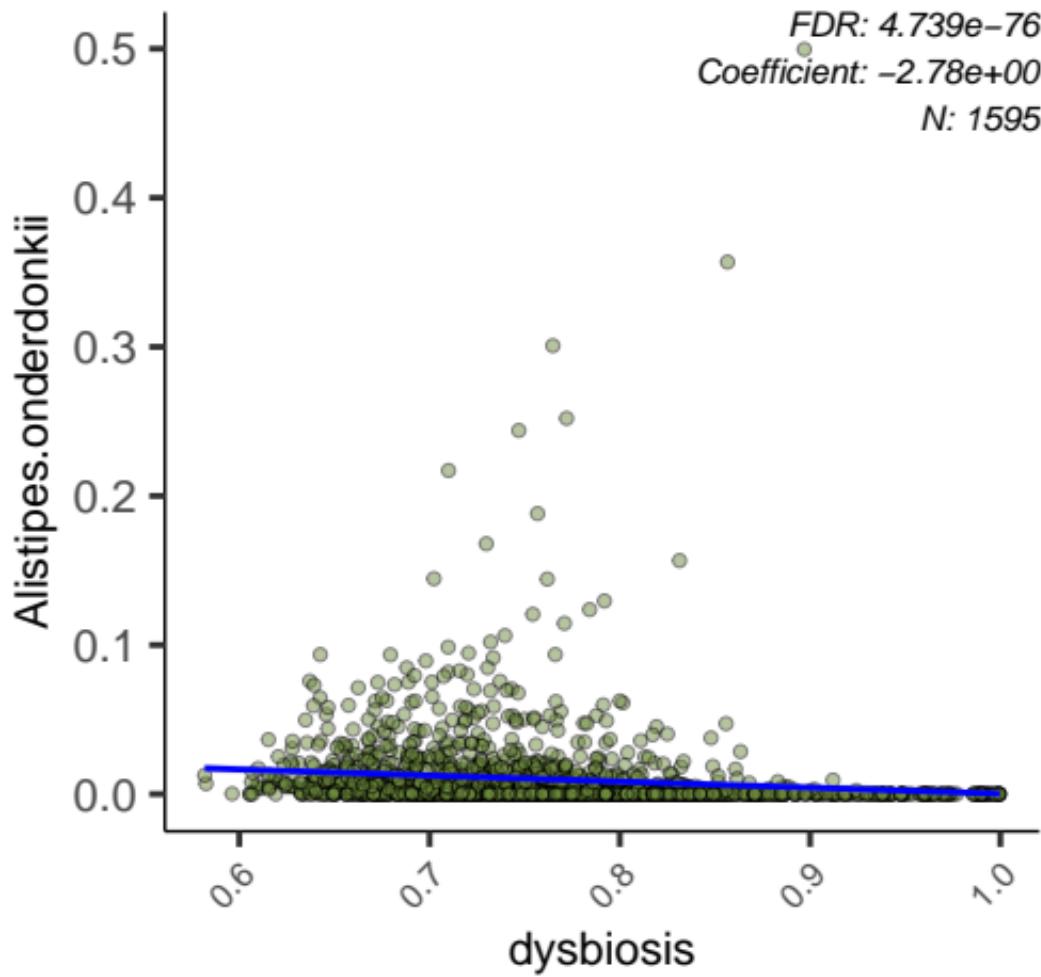
1.0

dysbiosis





FDR: 4.739e-76
Coefficient: -2.78e+00
N: 1595



FDR: $1.764e-68$
Coefficient: $1.92e+00$
 $N: 1595$

Clostridium.clostridioforme

0.20
0.15
0.10
0.05
0.00

0.6

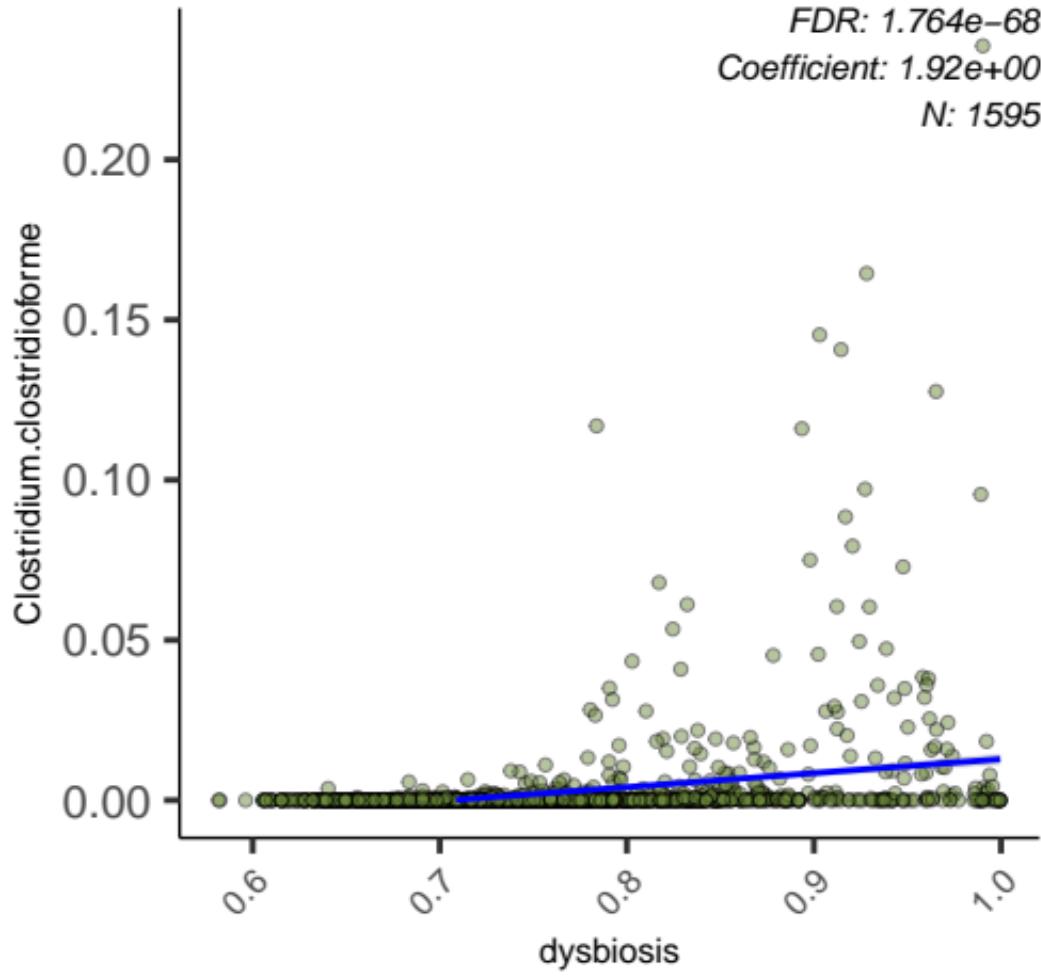
0.7

0.8

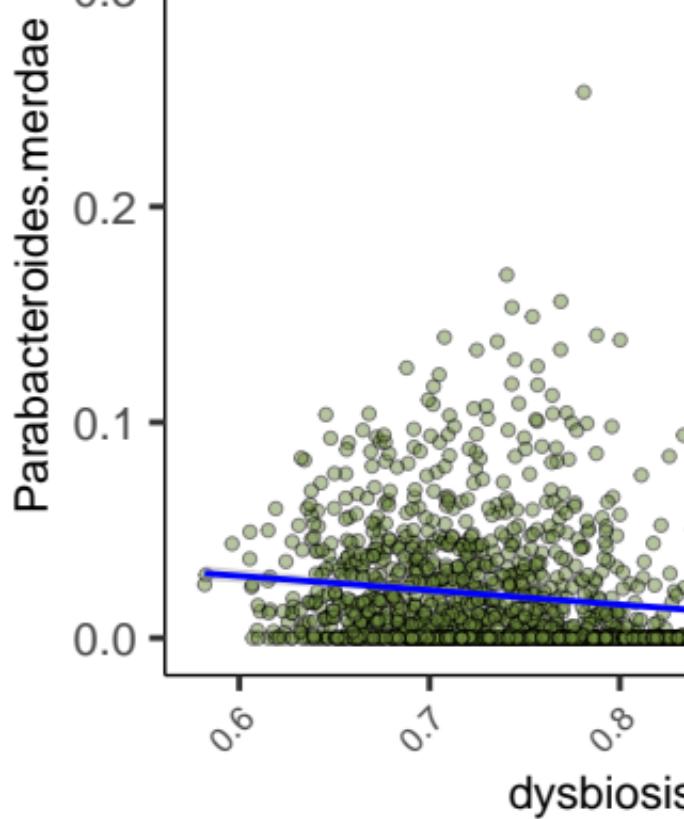
0.9

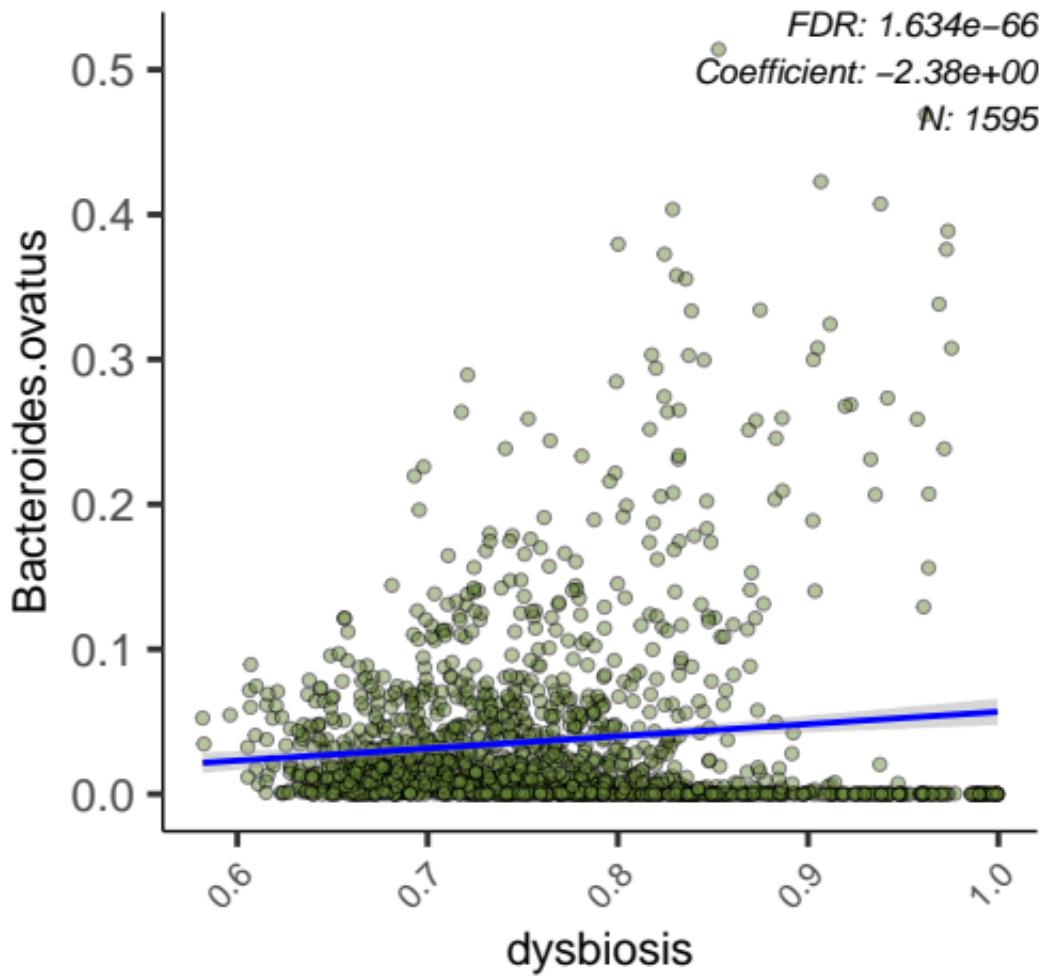
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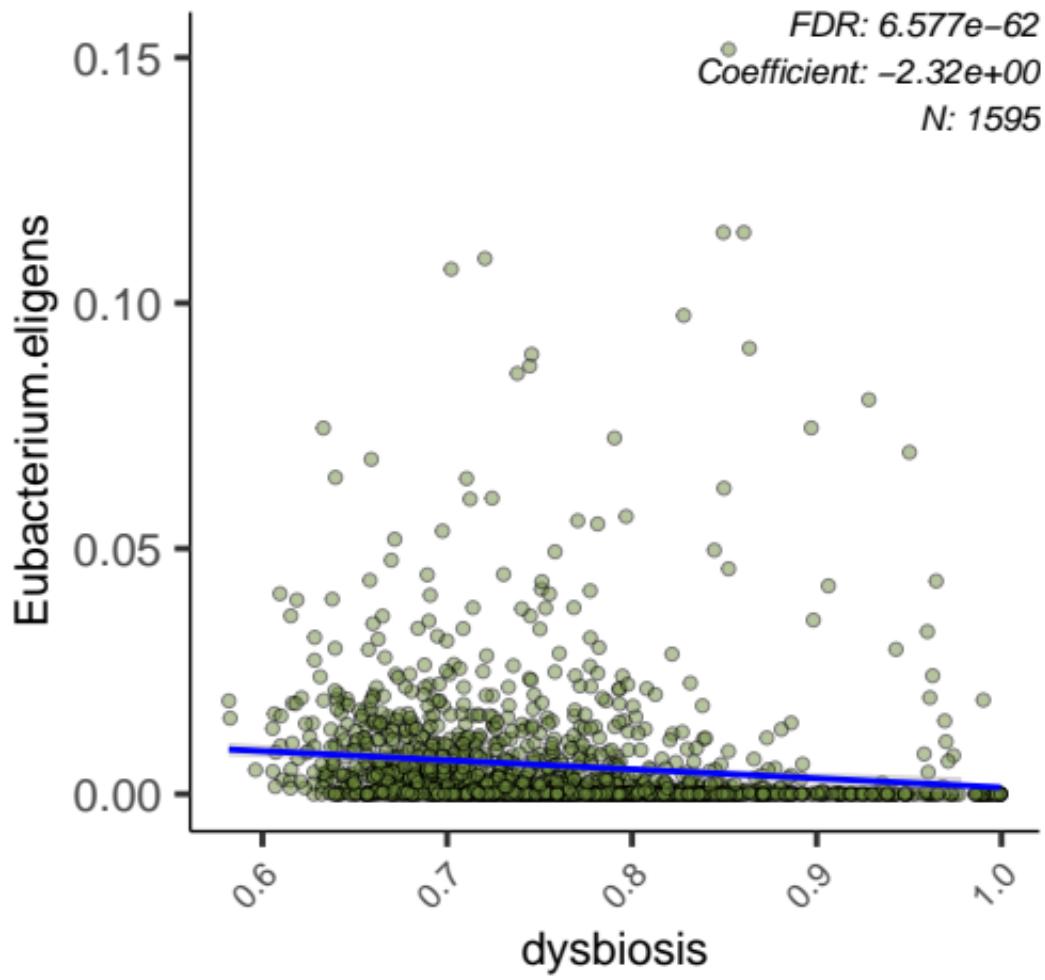
dysbiosis

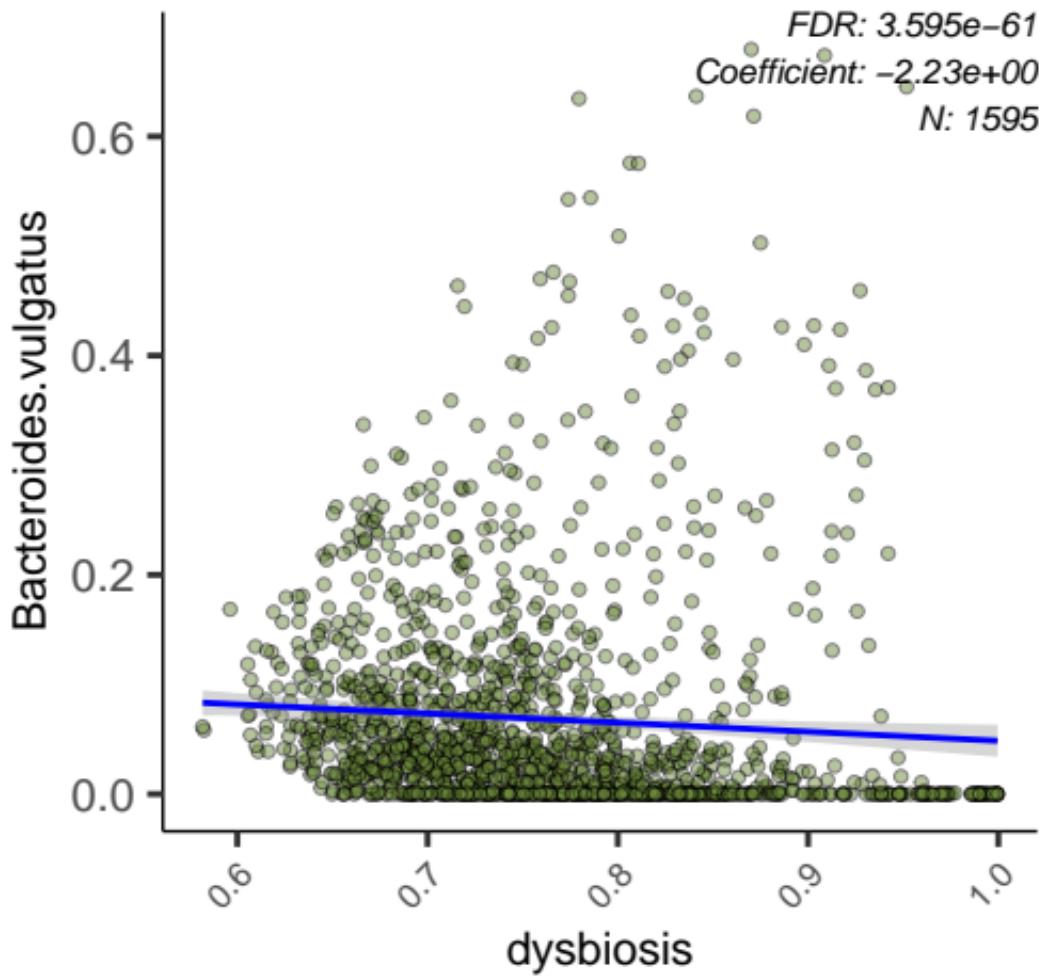


FDR: 3.399e-67
Coefficient: -2.72e+00
N: 1595



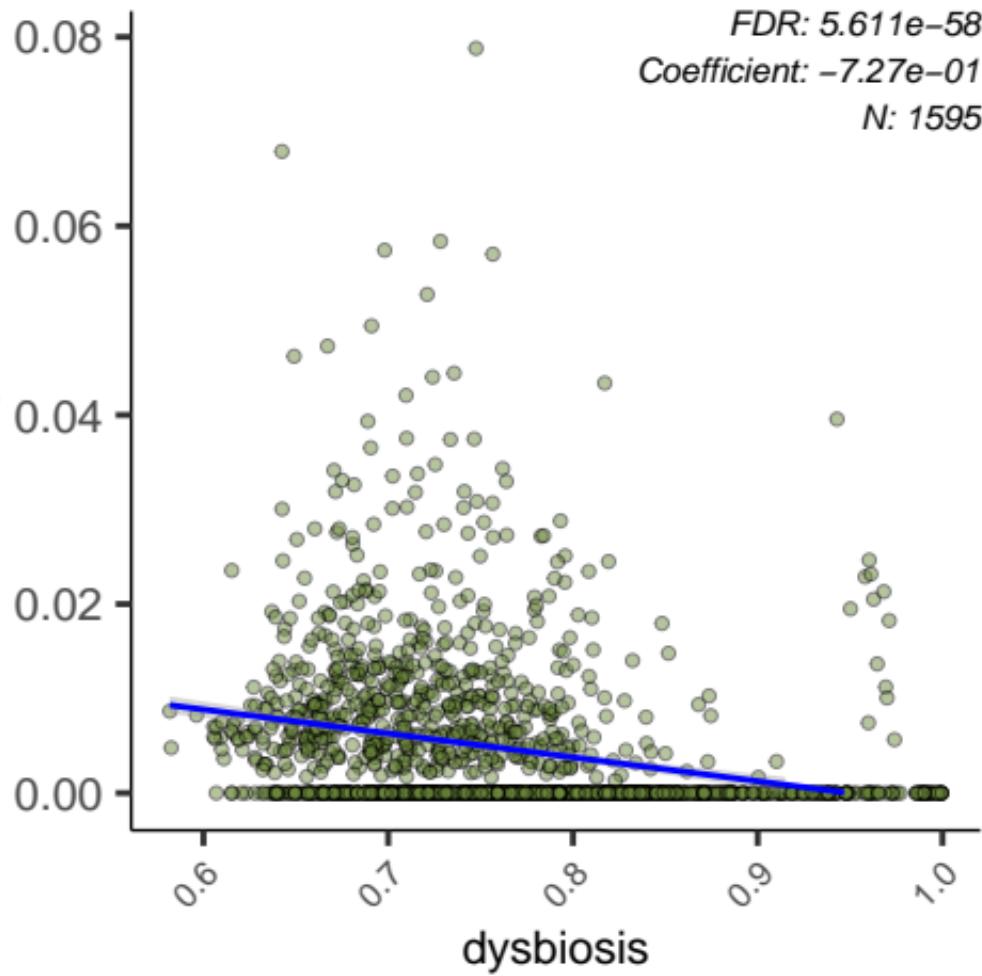






FDR: 5.611e-58
Coefficient: -7.27e-01
N: 1595

Odoribacter.splanchnicus



FDR: 5.119e-57
Coefficient: -2.62e+00
N: 1595

Bacteroides.caccae

0.4

0.2

0.0

0.6

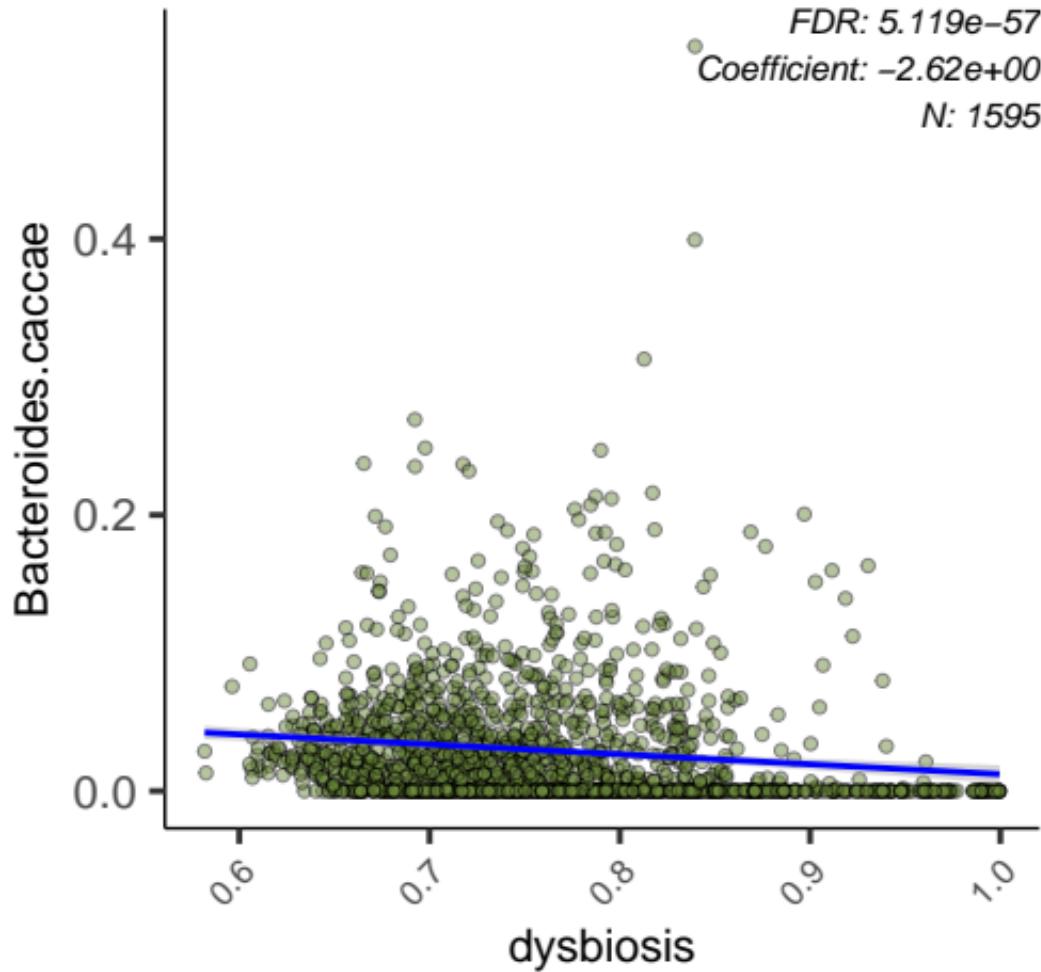
0.7

0.8

0.9

1.0

dysbiosis



FDR: 4.896e-53
Coefficient: -2.11e+00
N: 1595

Alistipes.shahii

0.10

0.05

0.00

0.6

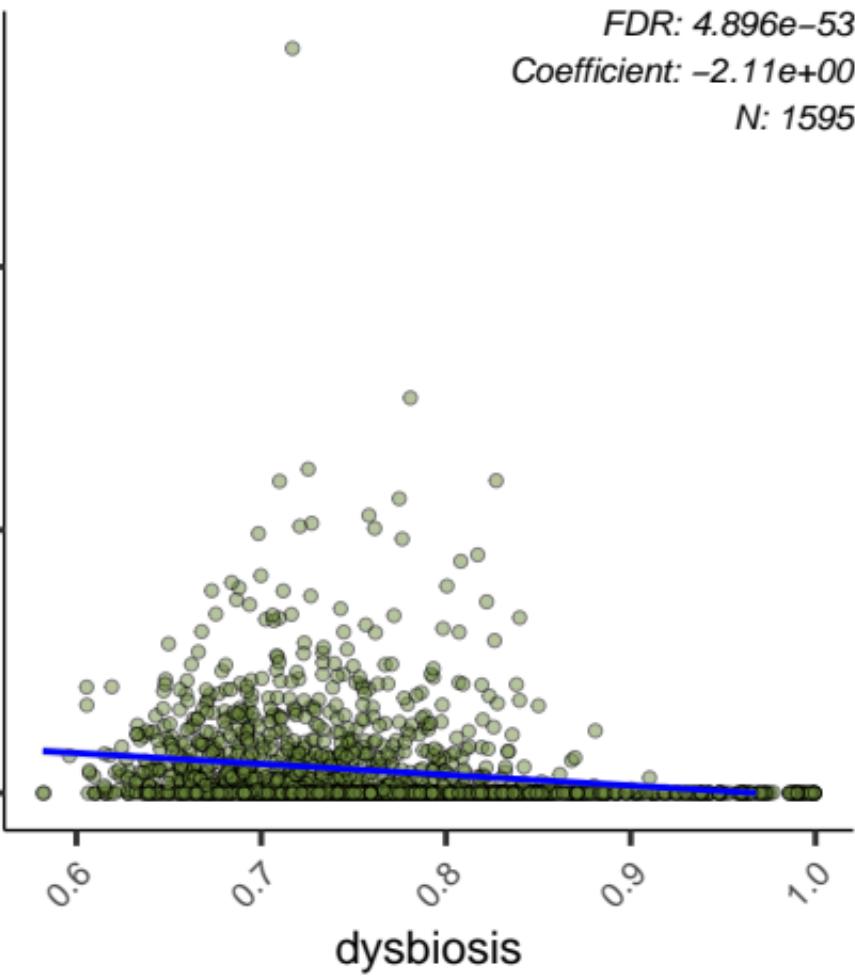
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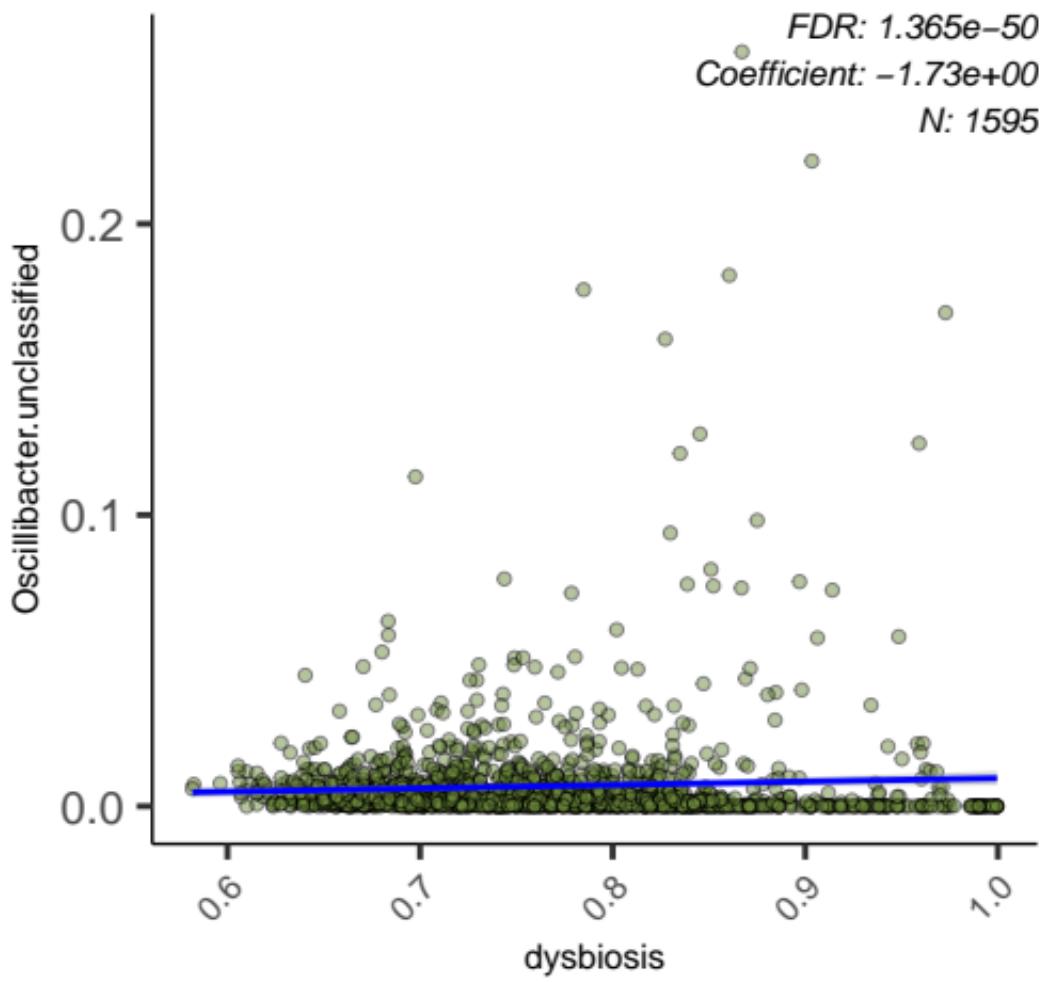
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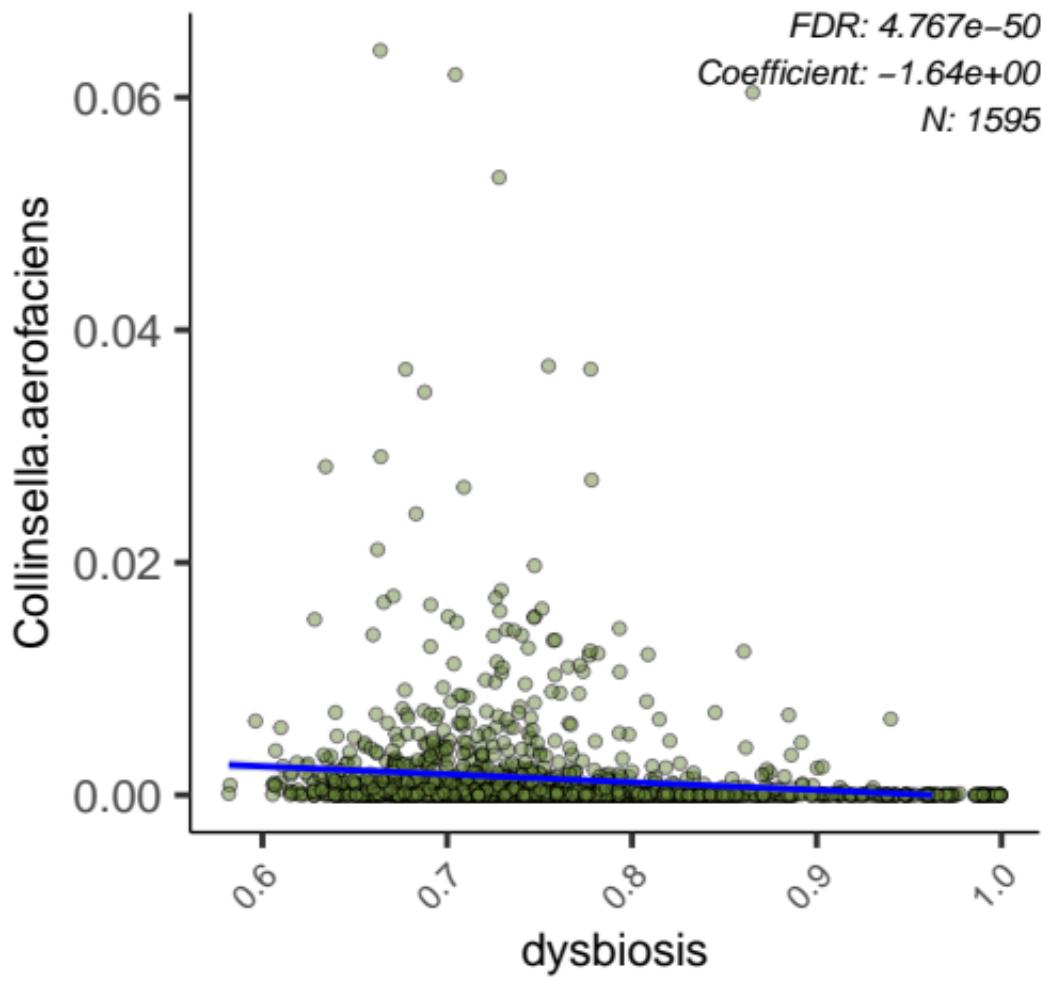
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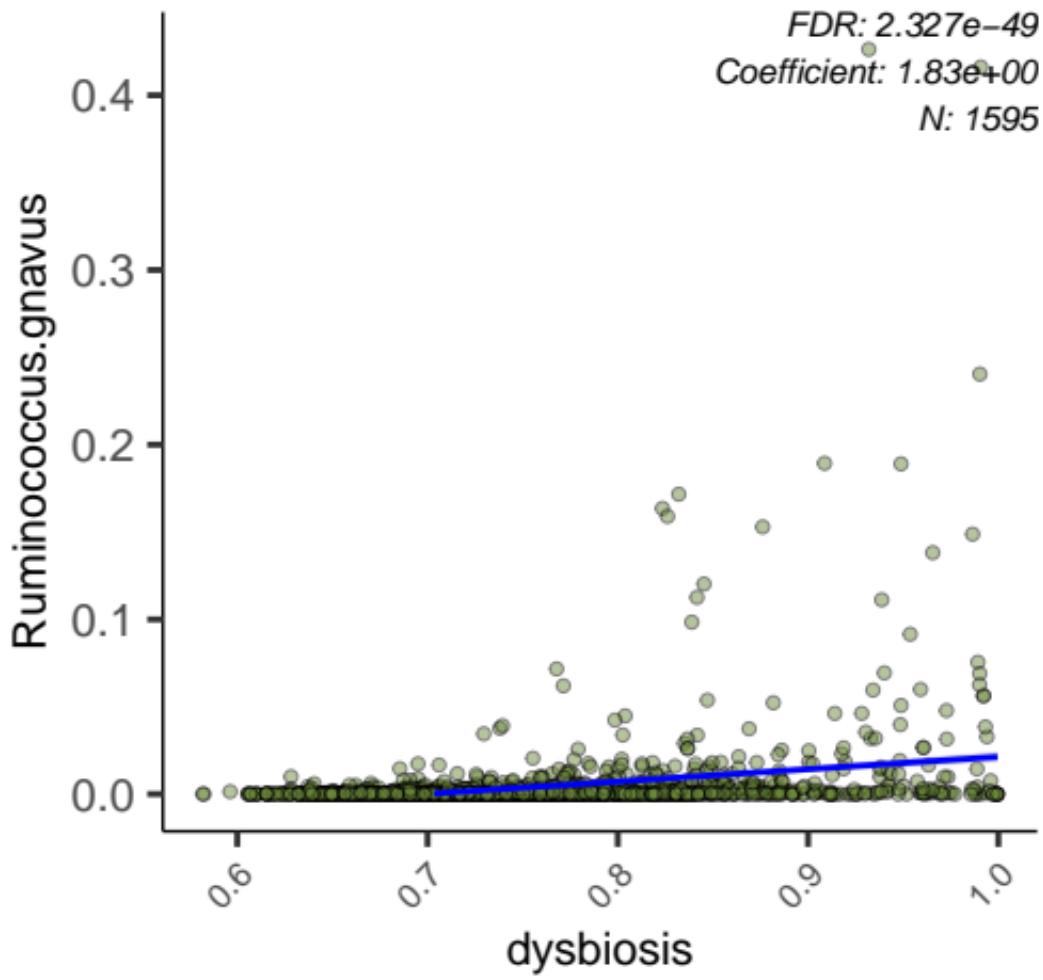
1.0

dysbiosis









FDR: $2.198e-46$
Coefficient: $1.65e+00$
 $N: 1595$

Escherichia.coli

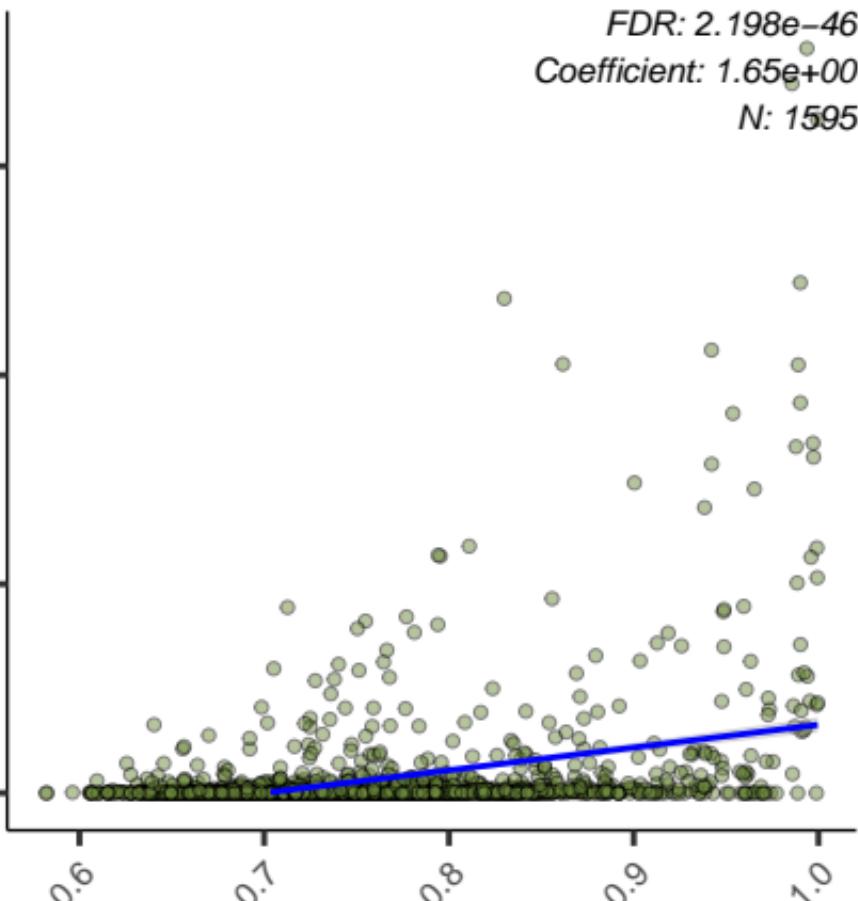
0.75

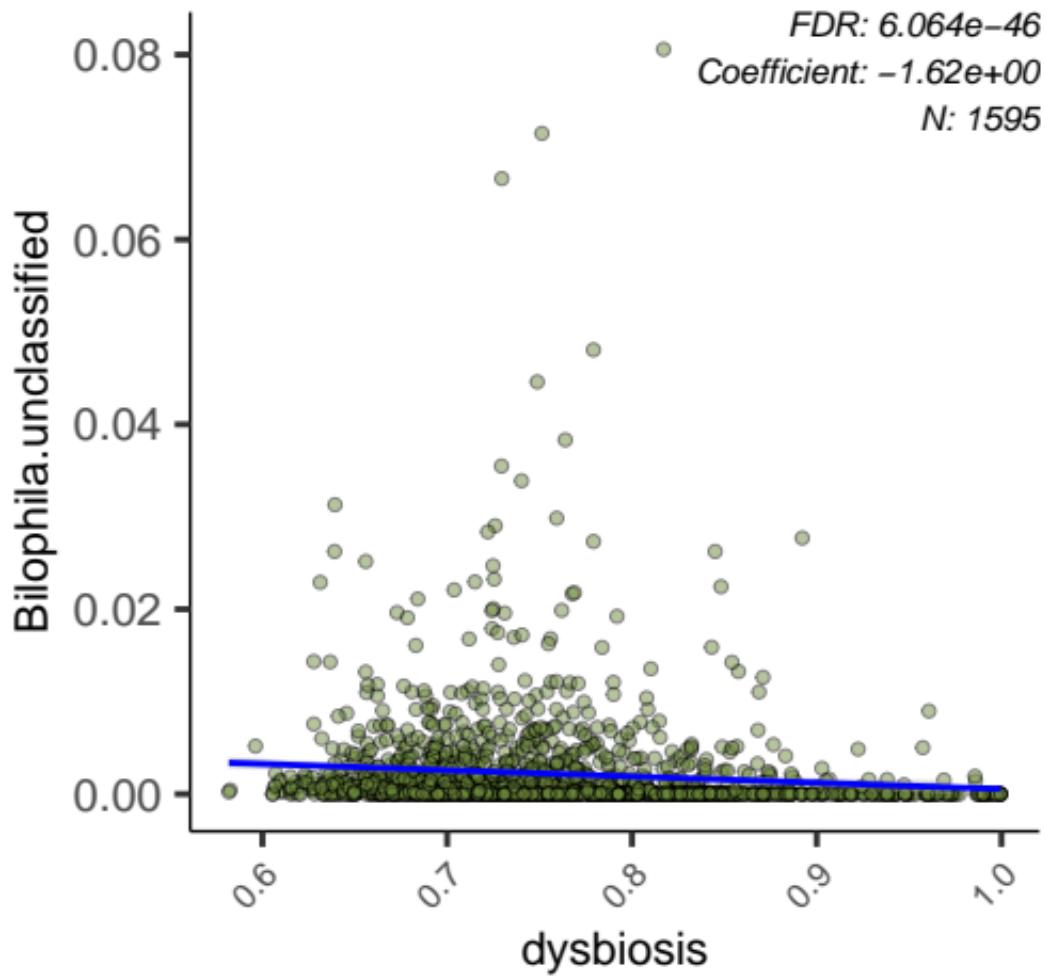
0.50

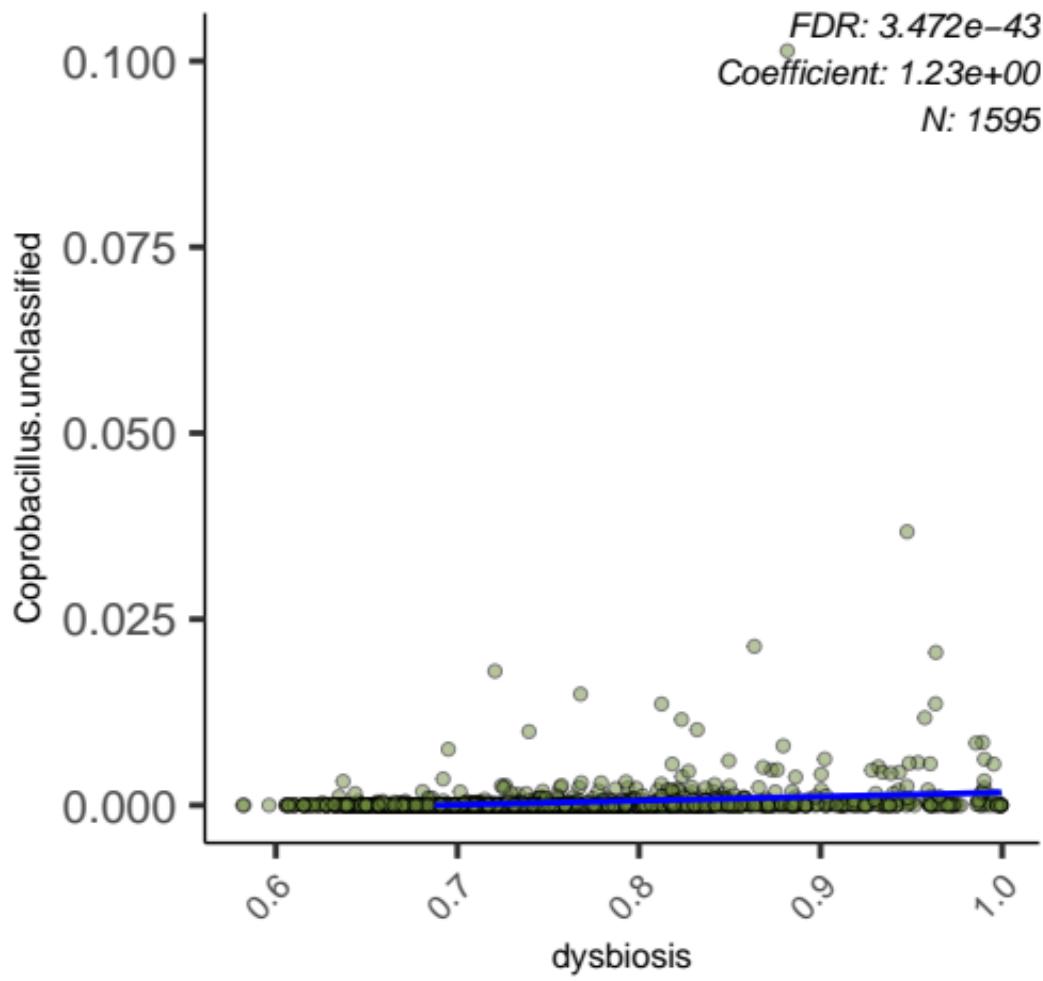
0.25

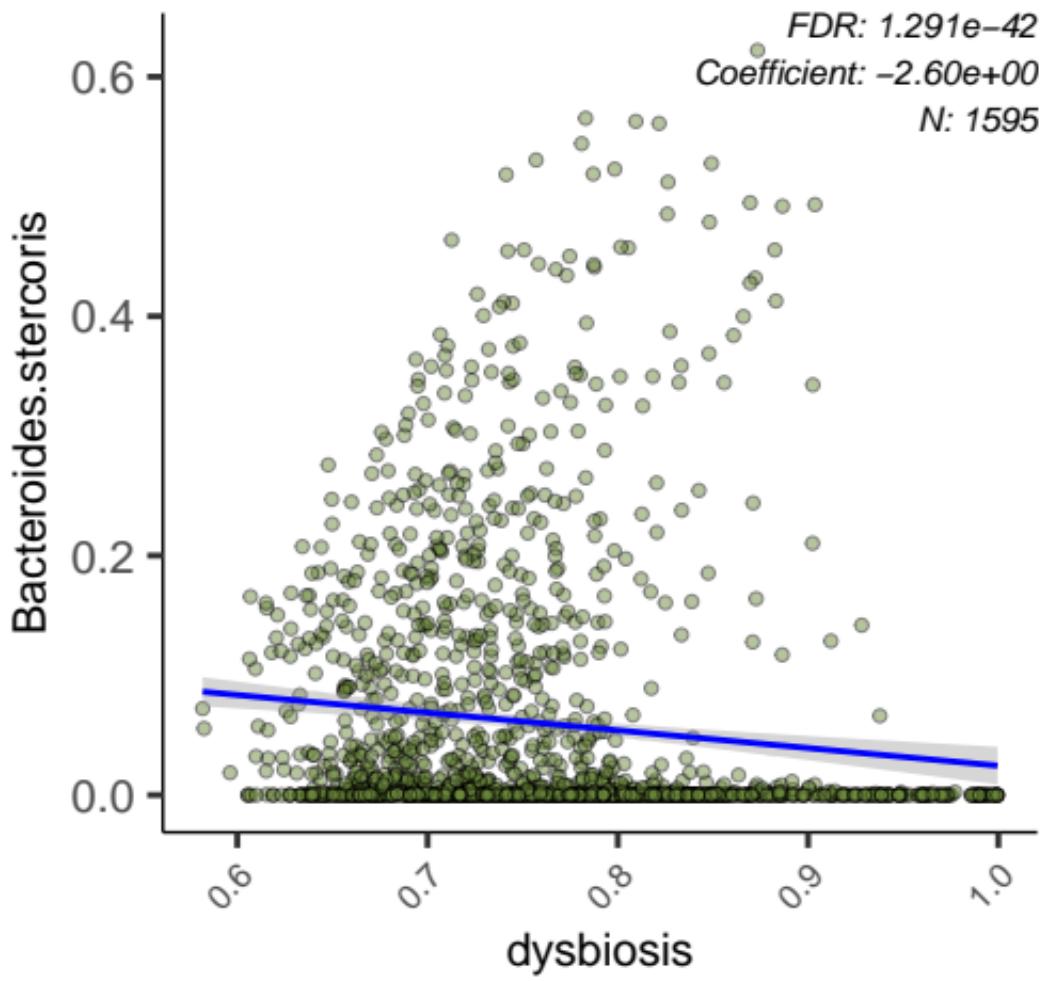
0.00

dysbiosis

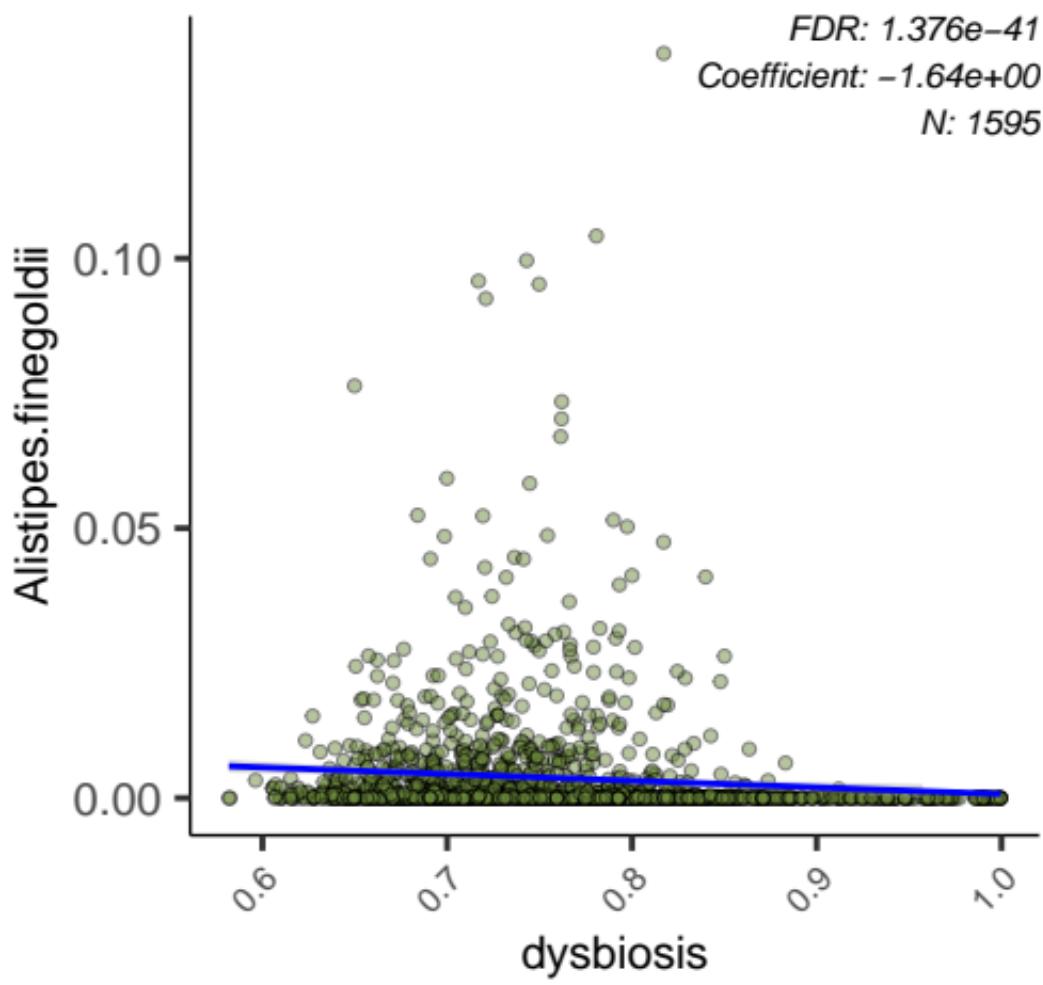








FDR: 1.376e-41
Coefficient: -1.64e+00
N: 1595



FDR: $3.626e-41$
Coefficient: $-1.52e+00$
 $N: 1595$

Lachnospiraceae.bacterium.3.1.46FAA

0.6

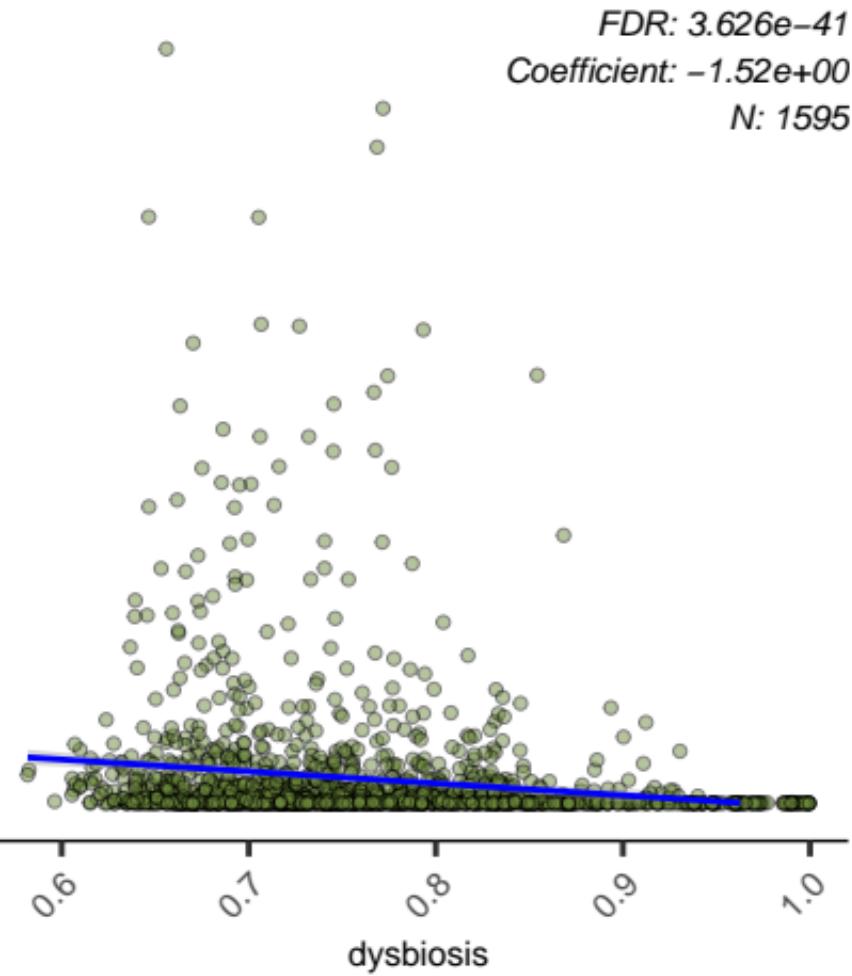
0.7

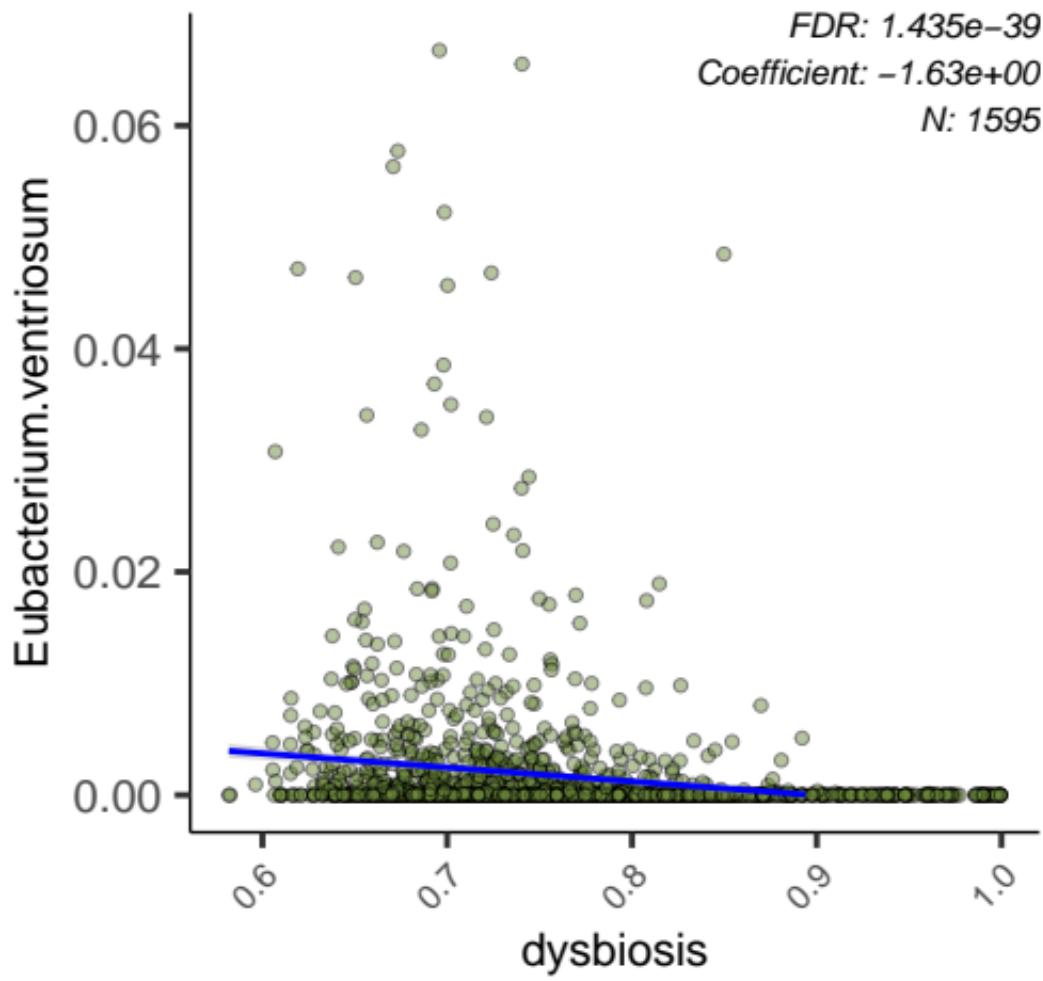
0.8

0.9

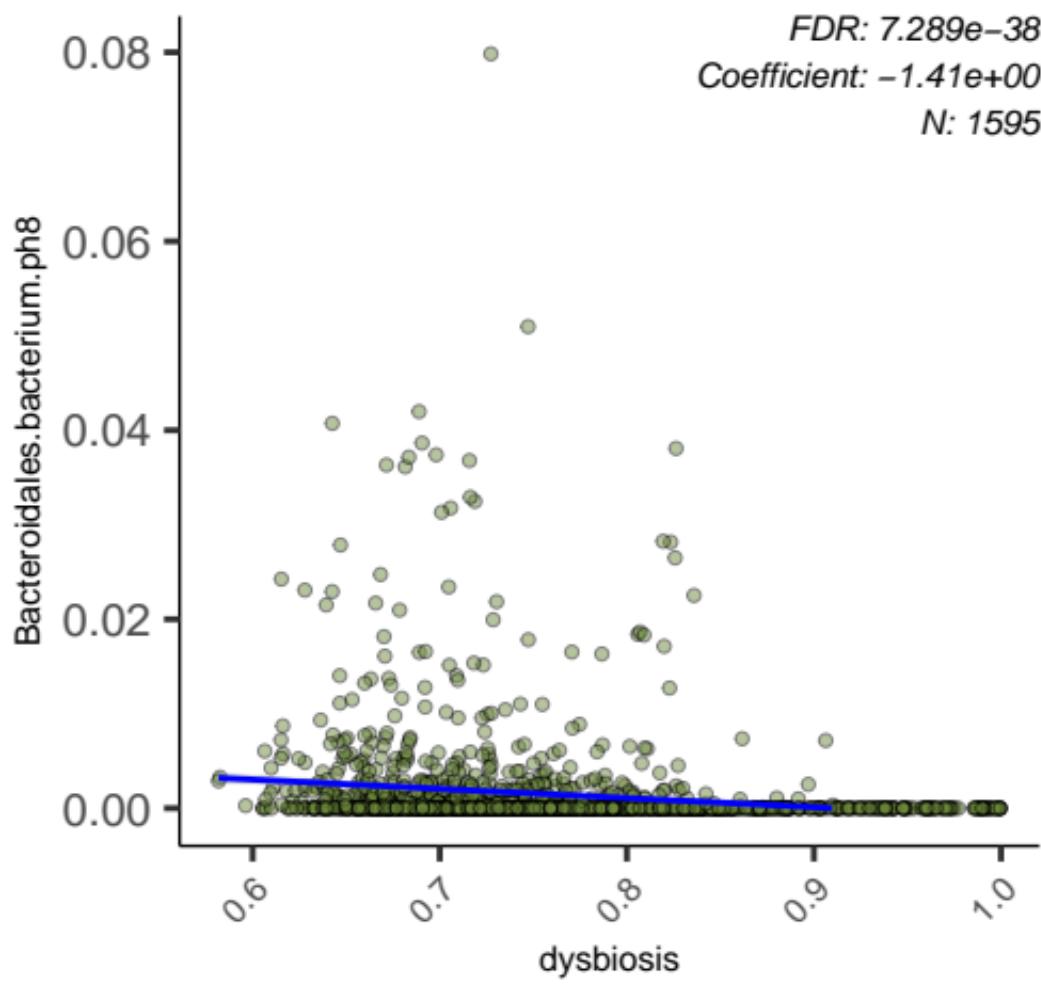
1.0

dysbiosis

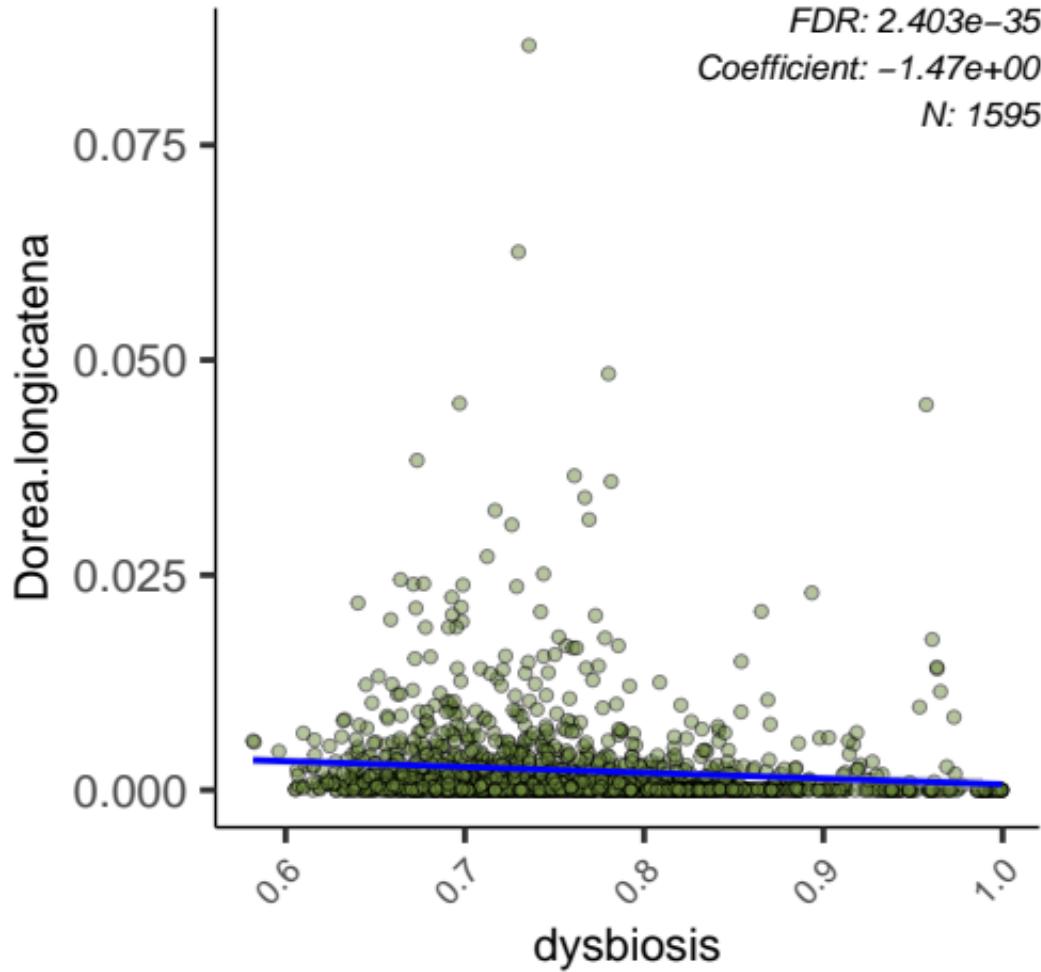


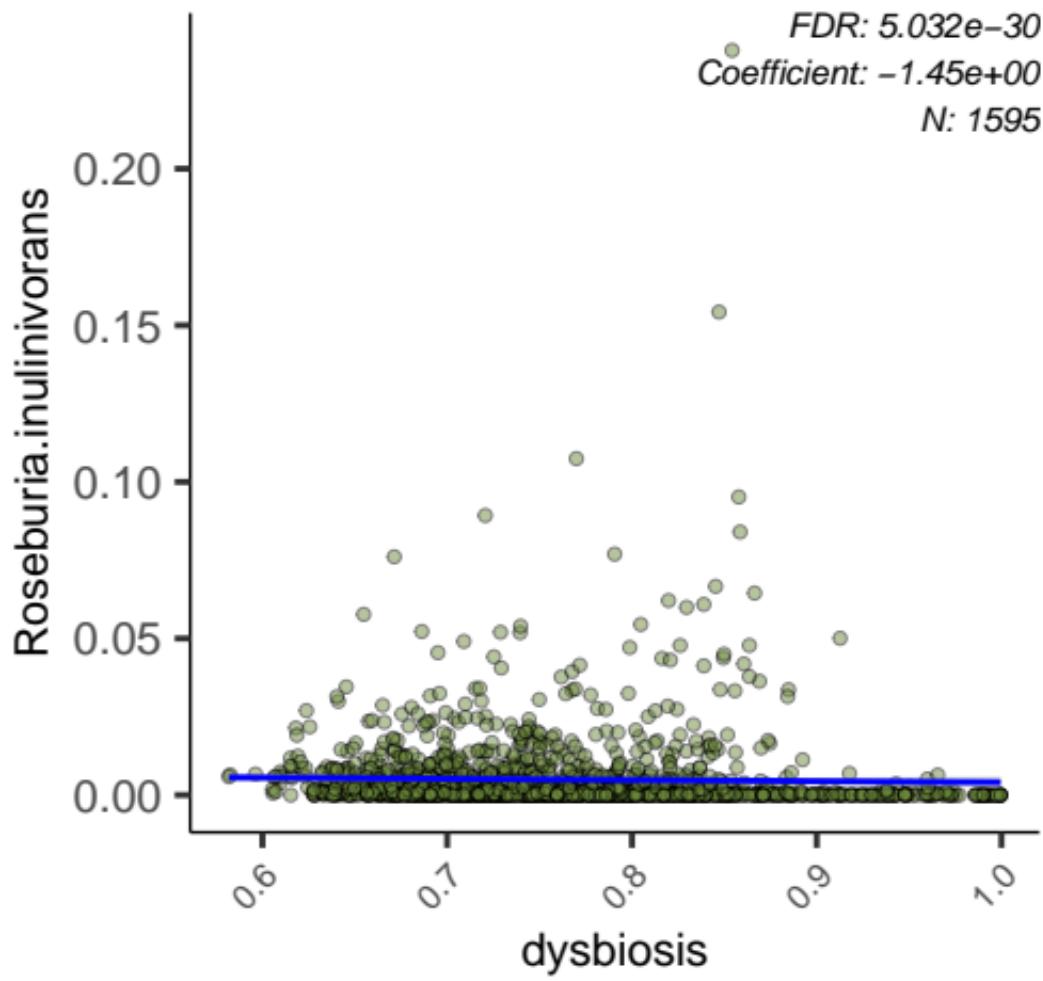


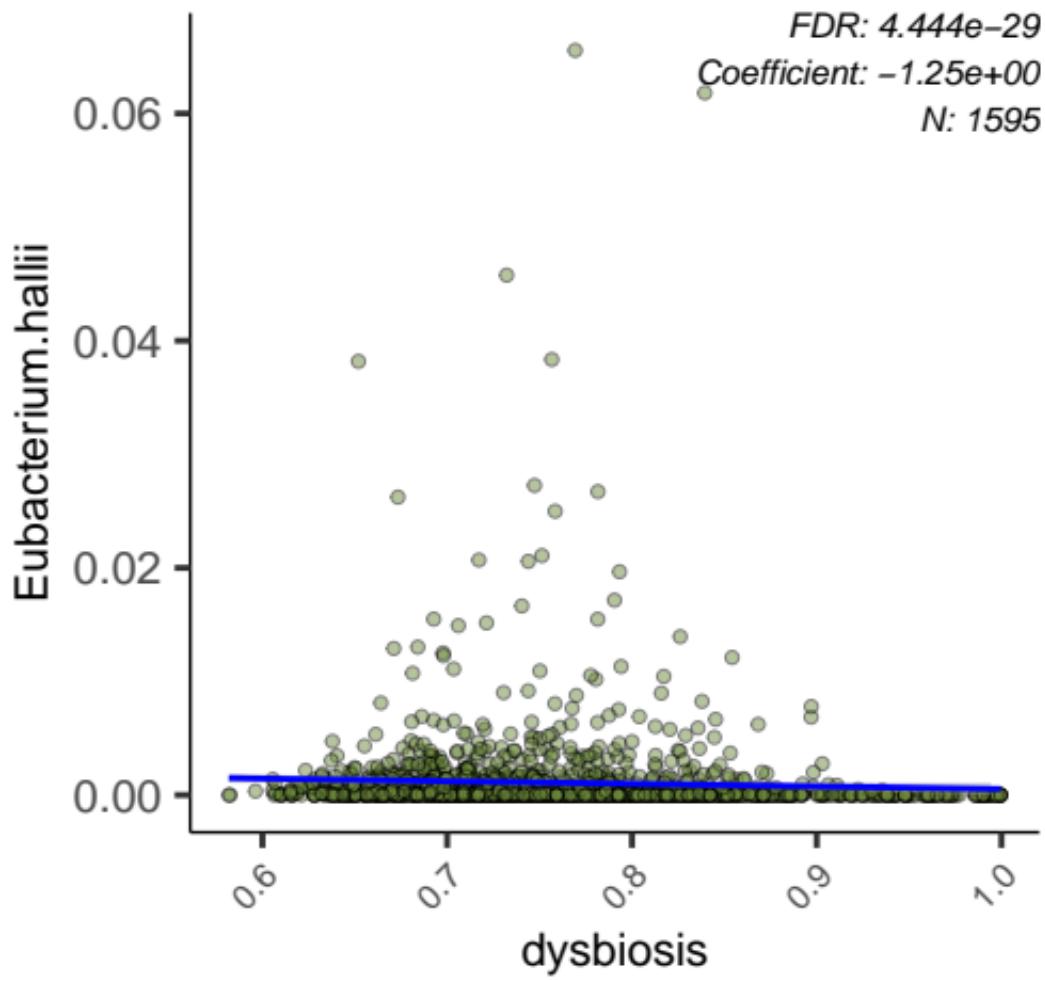
FDR: 7.289e-38
Coefficient: -1.41e+00
N: 1595



FDR: $2.403e-35$
Coefficient: $-1.47e+00$
N: 1595







FDR: $6.092e-29$
Coefficient: $8.58e-01$
N: 1595

Klebsiella.pneumoniae

0.4

0.2

0.0

0.6

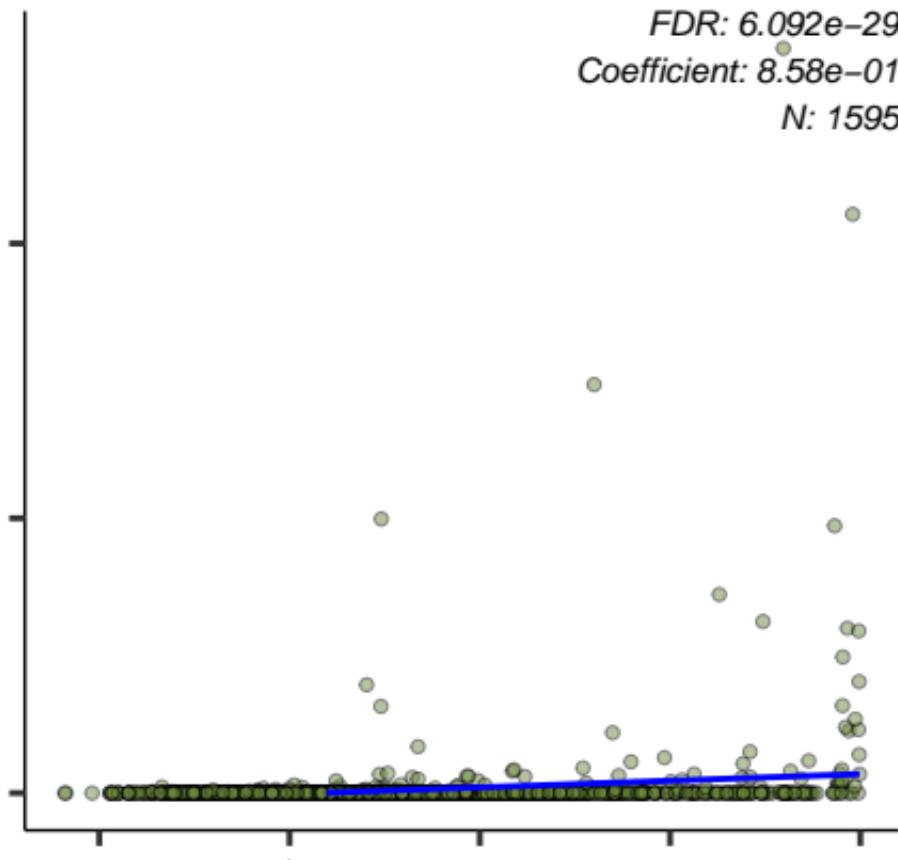
0.7

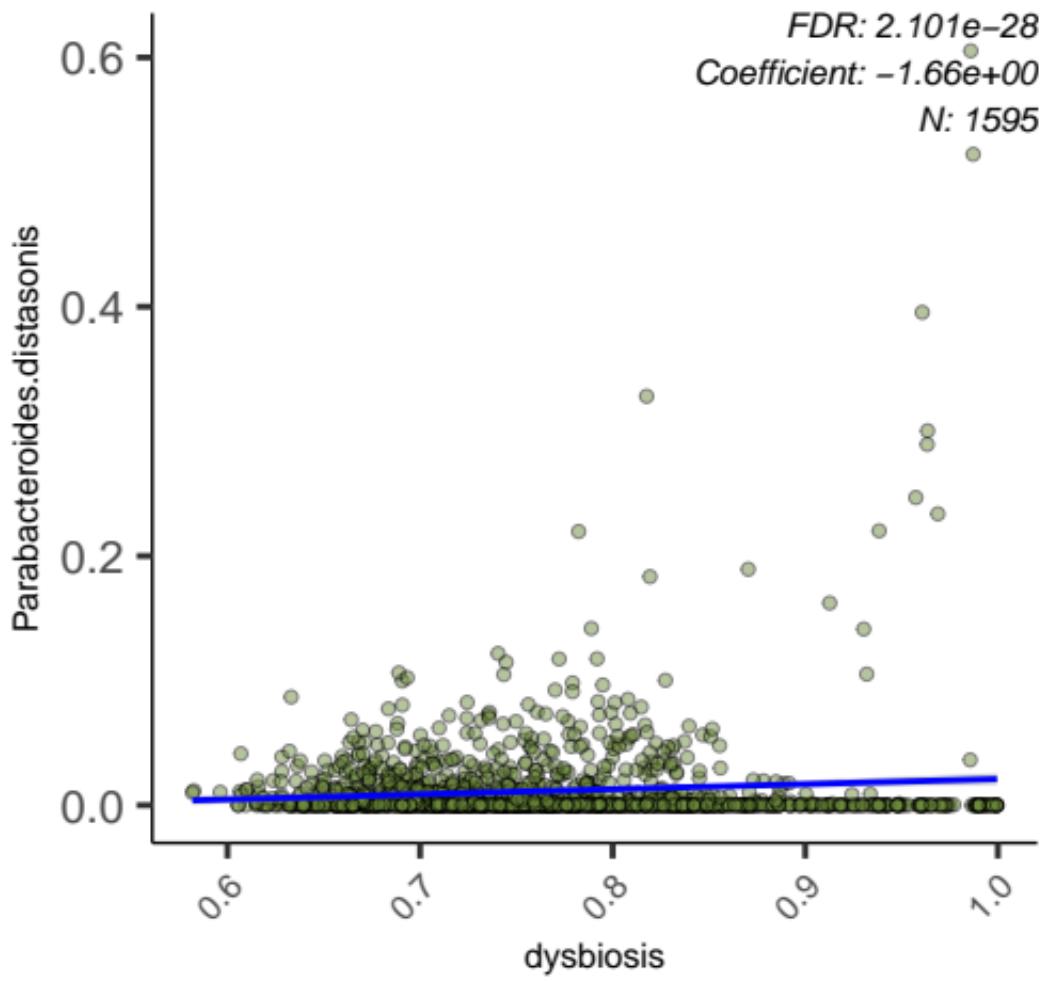
0.8

0.9

1.0

dysbiosis





FDR: $6.364e-28$
Coefficient: $1.01e+00$
 $N: 1595$

Clostridium.nexile

0.09

0.06

0.03

0.00

0.6

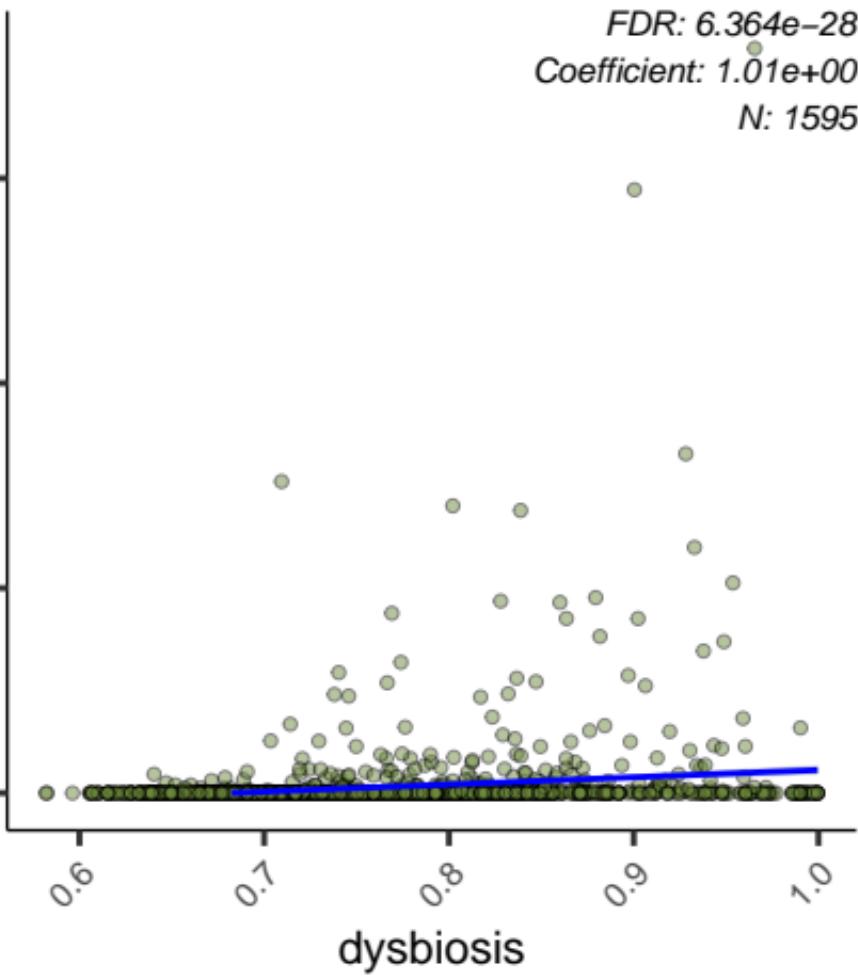
0.7

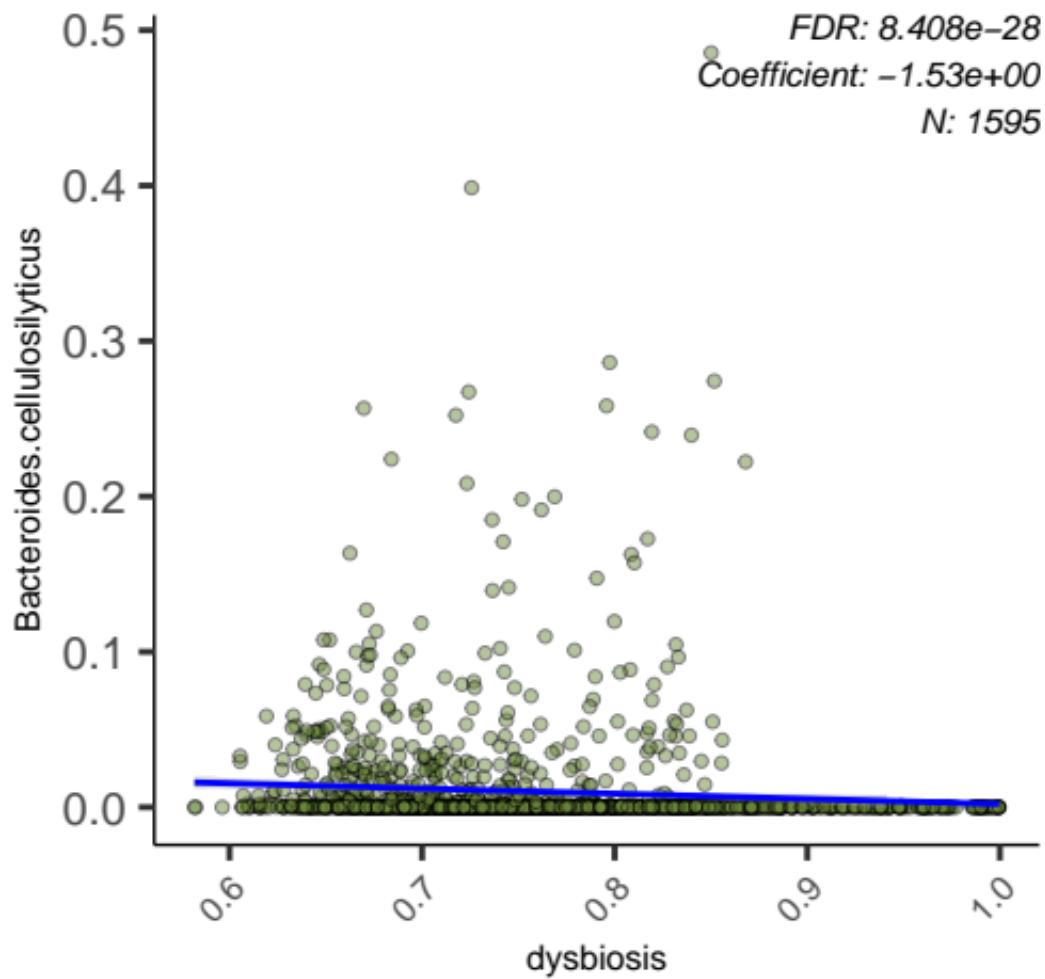
0.8

0.9

1.0

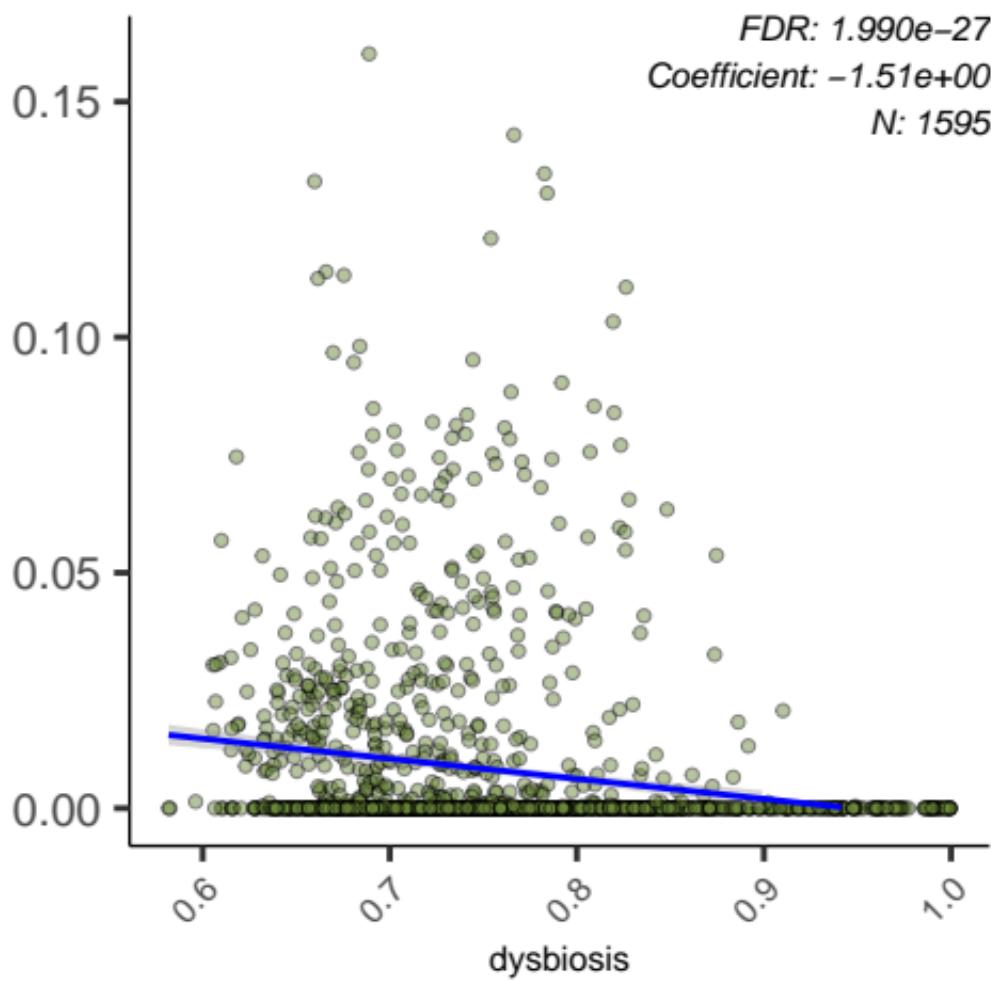
dysbiosis

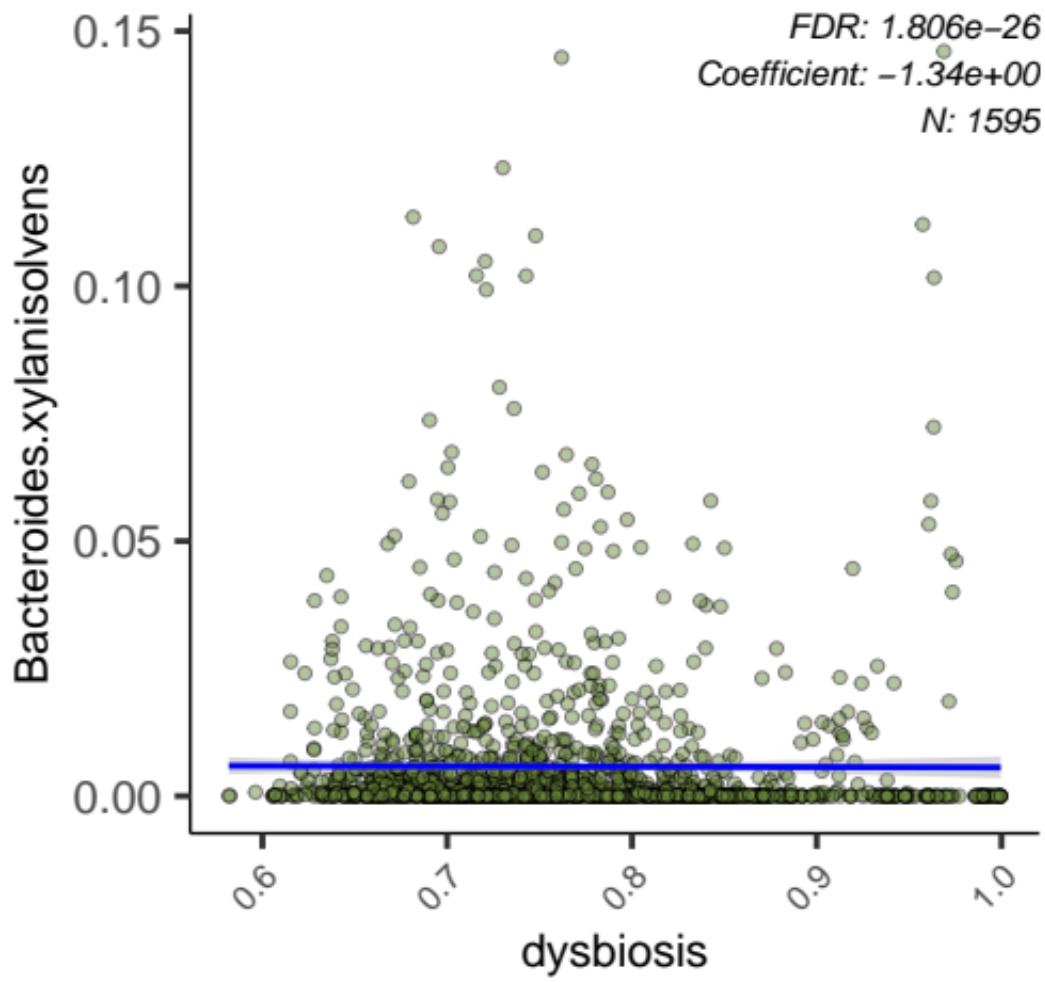


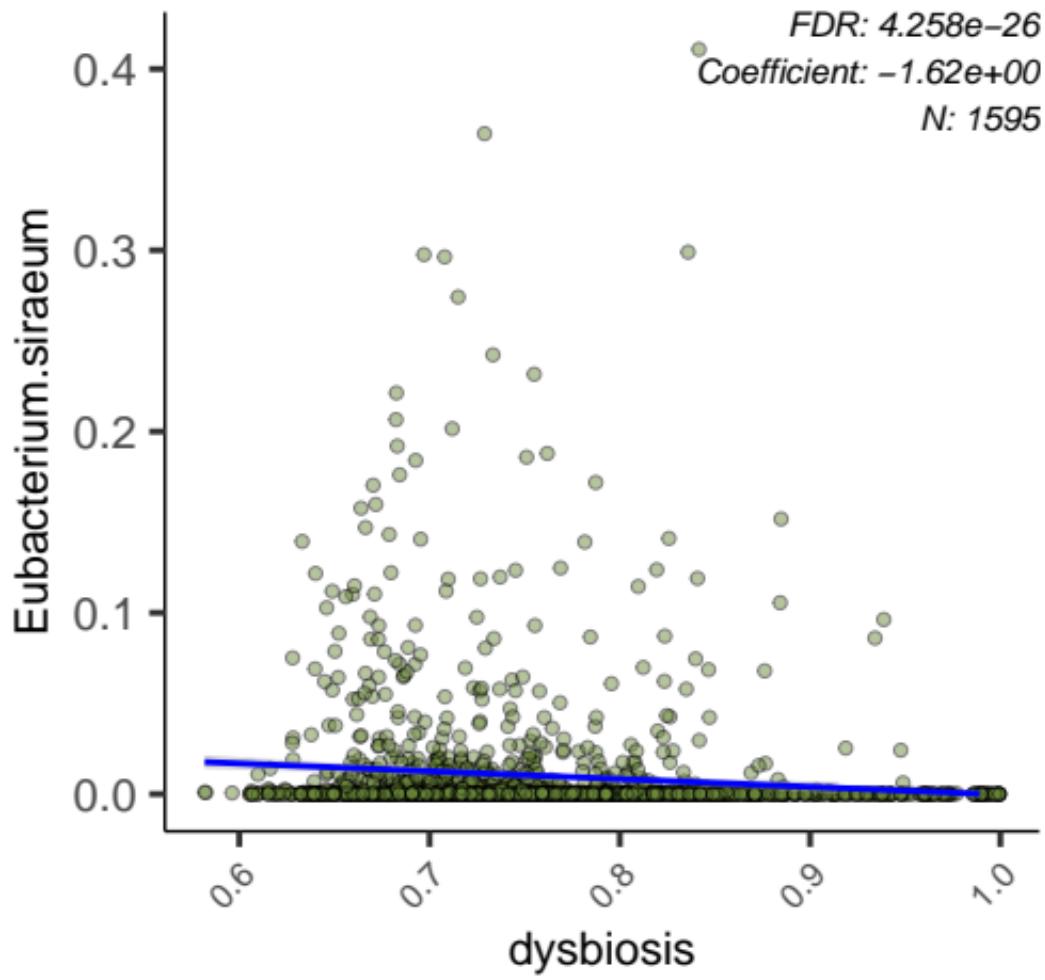


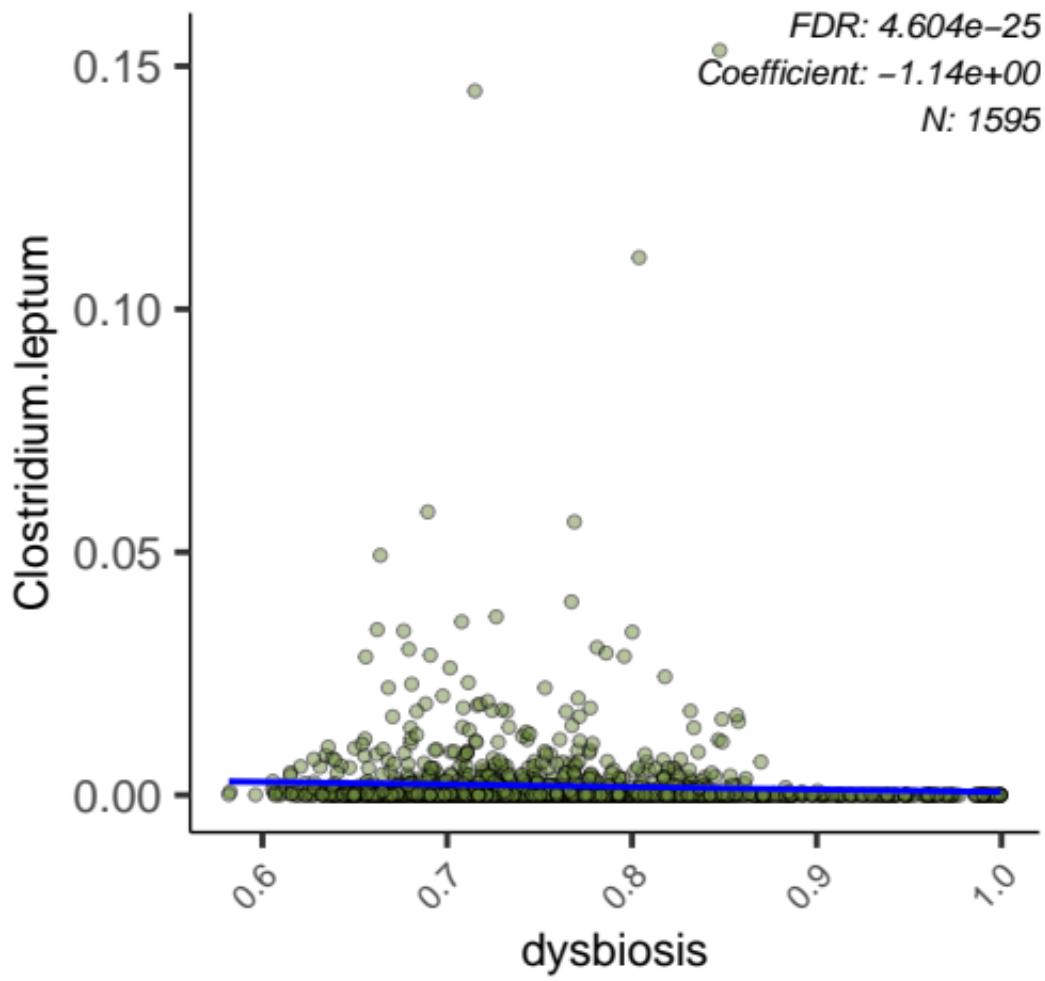
FDR: 1.990e-27
Coefficient: -1.51e+00
N: 1595

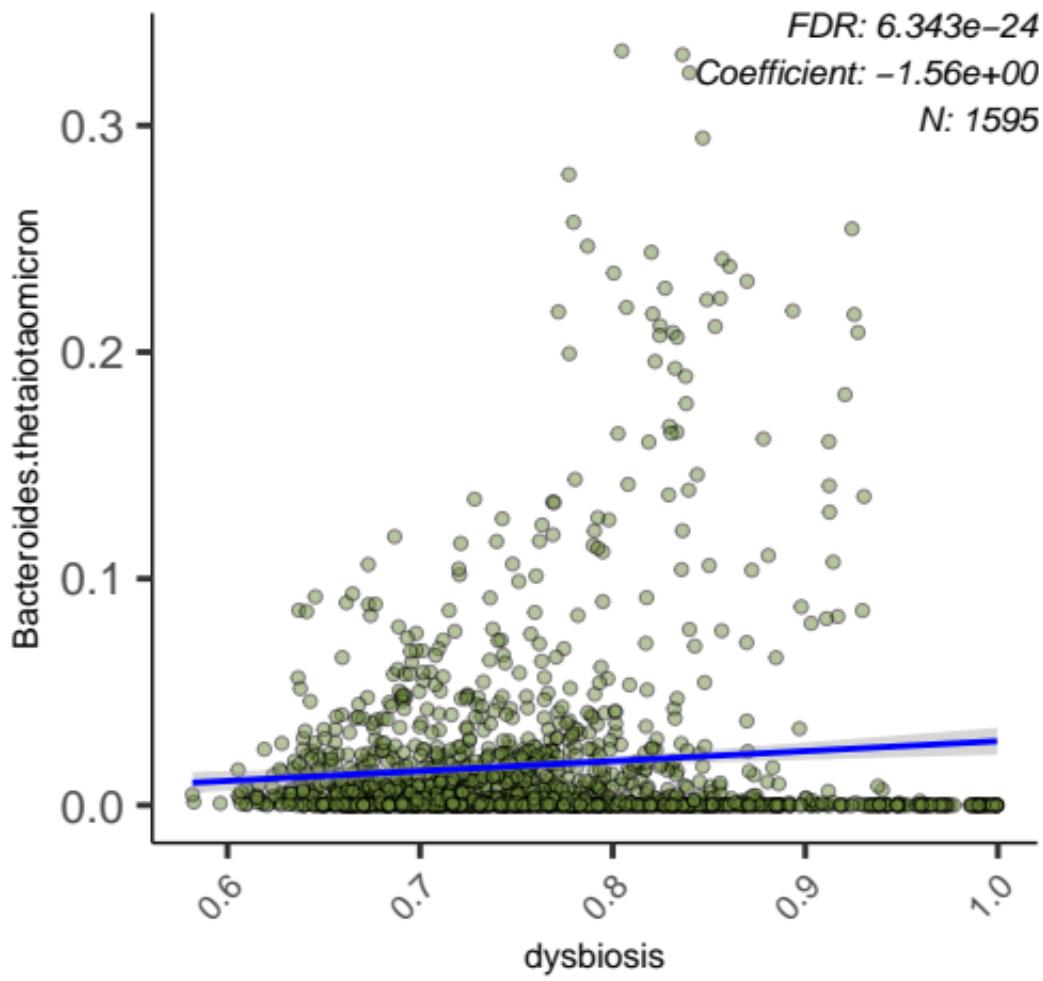
Barnesiella.intestinihominis











FDR: $5.869e-22$
Coefficient: $1.18e+00$
 $N: 1595$

Clostridium.bolteae

0.3

0.2

0.1

0.0

0.6

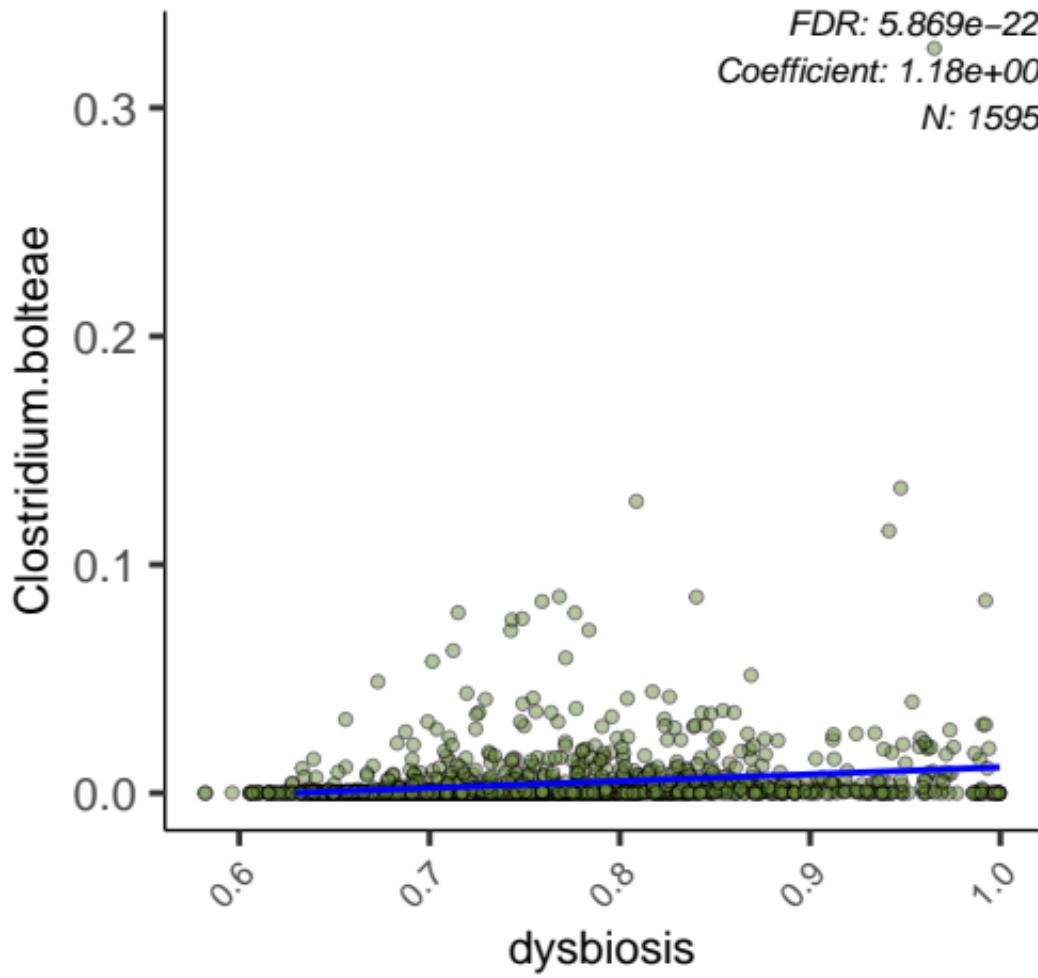
0.7

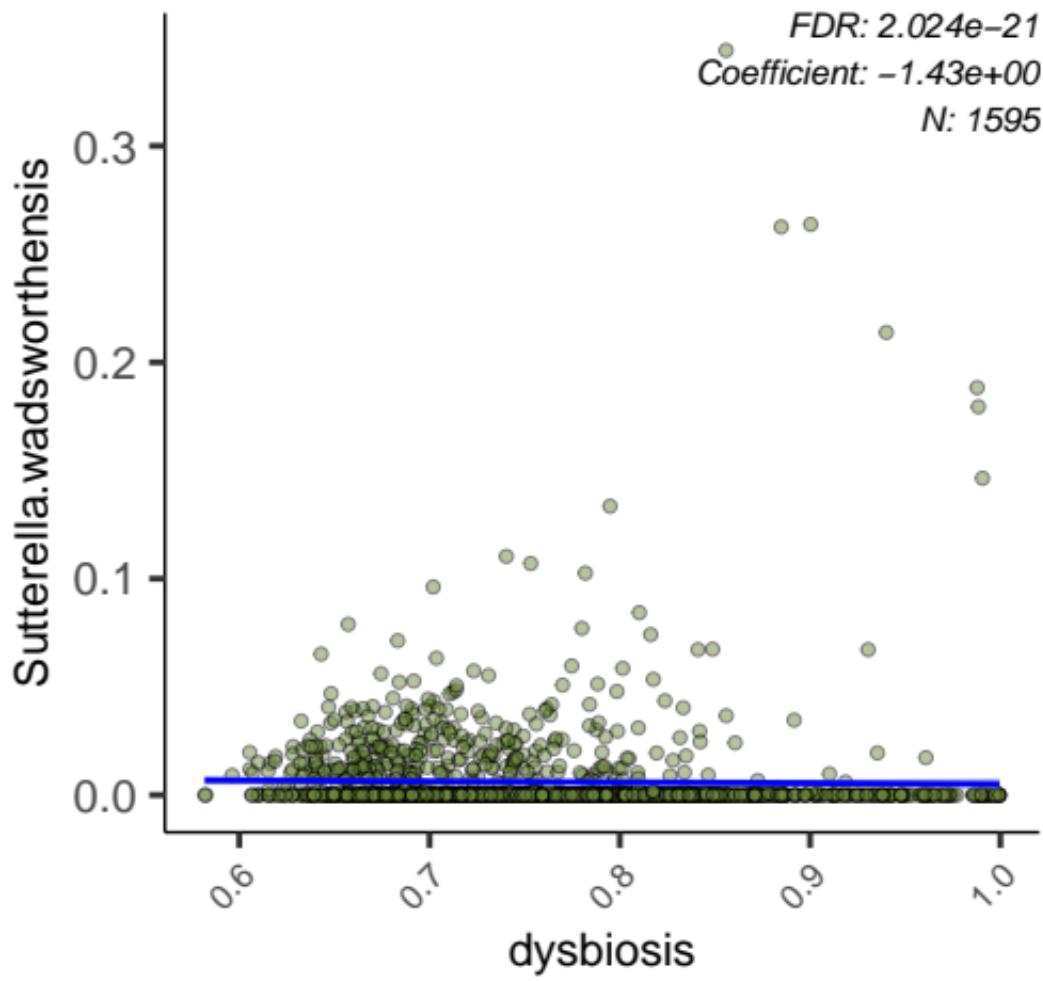
0.8

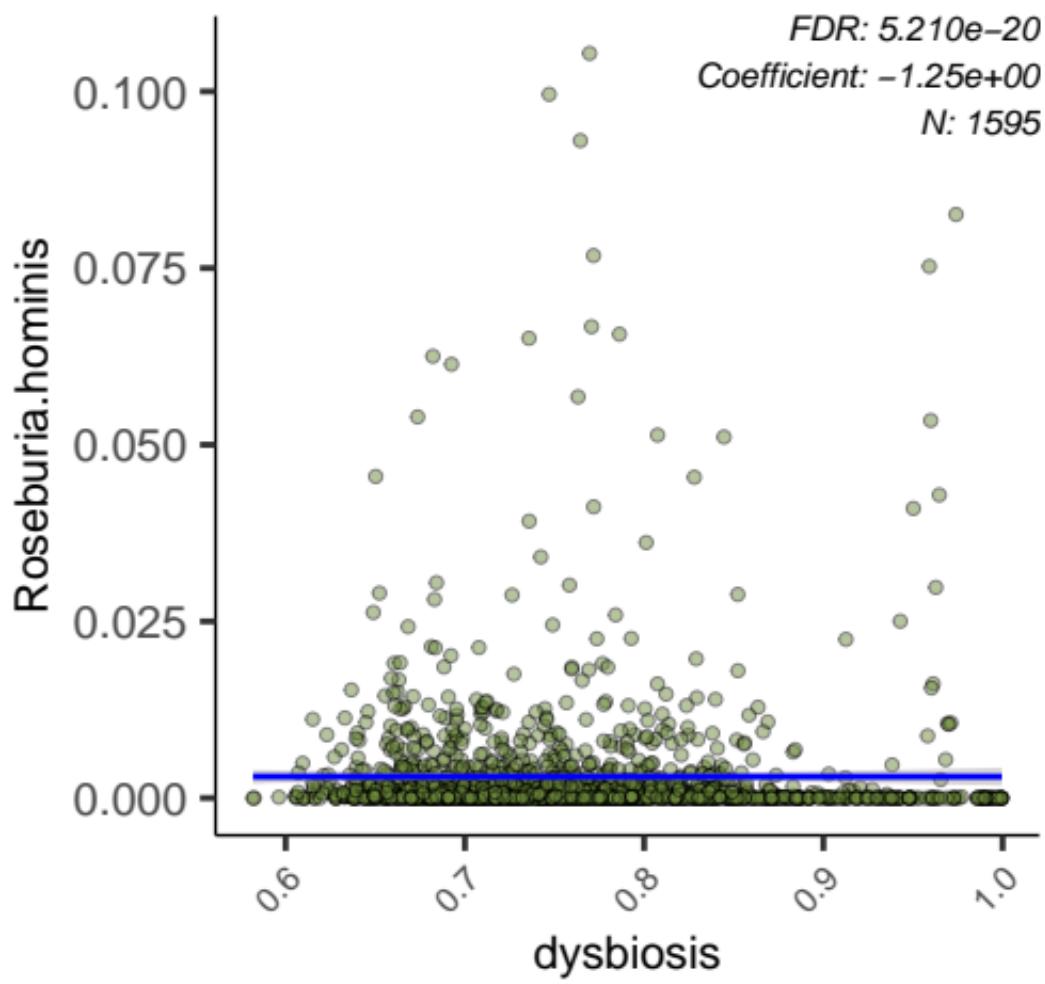
0.9

1.0

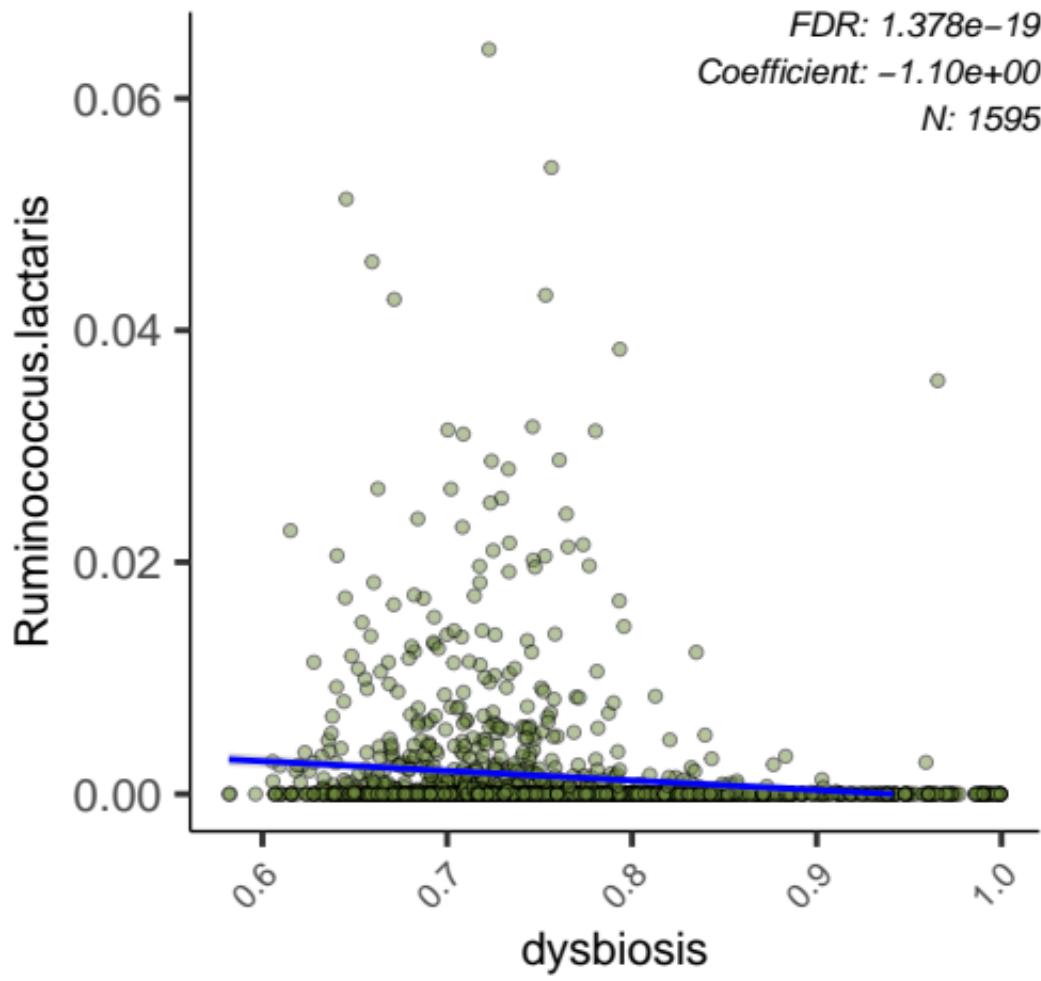
dysbiosis

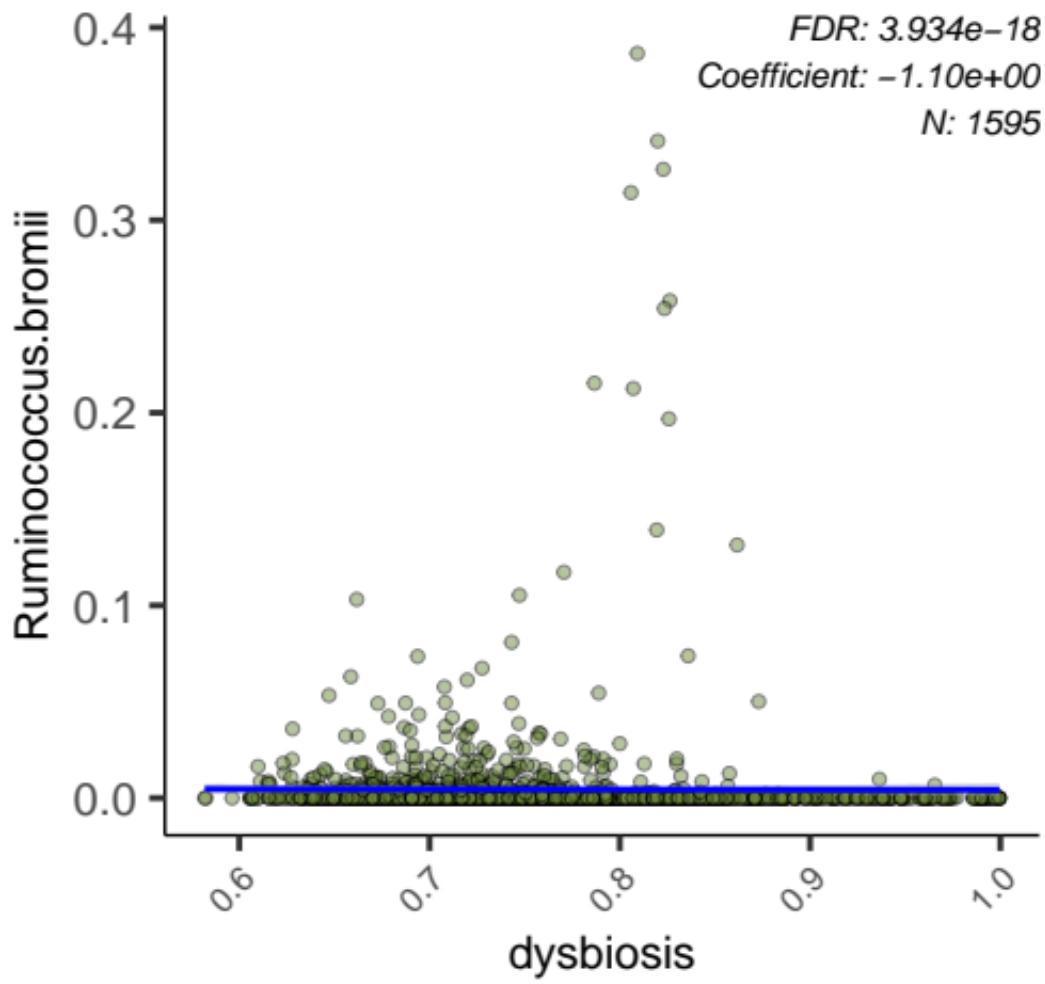






FDR: $1.378e-19$
Coefficient: $-1.10e+00$
 $N: 1595$





FDR: 1.246e-17
Coefficient: 1.04e+00
N: 1595

Clostridium.hathewayi

0.4

0.2

0.0

0.6

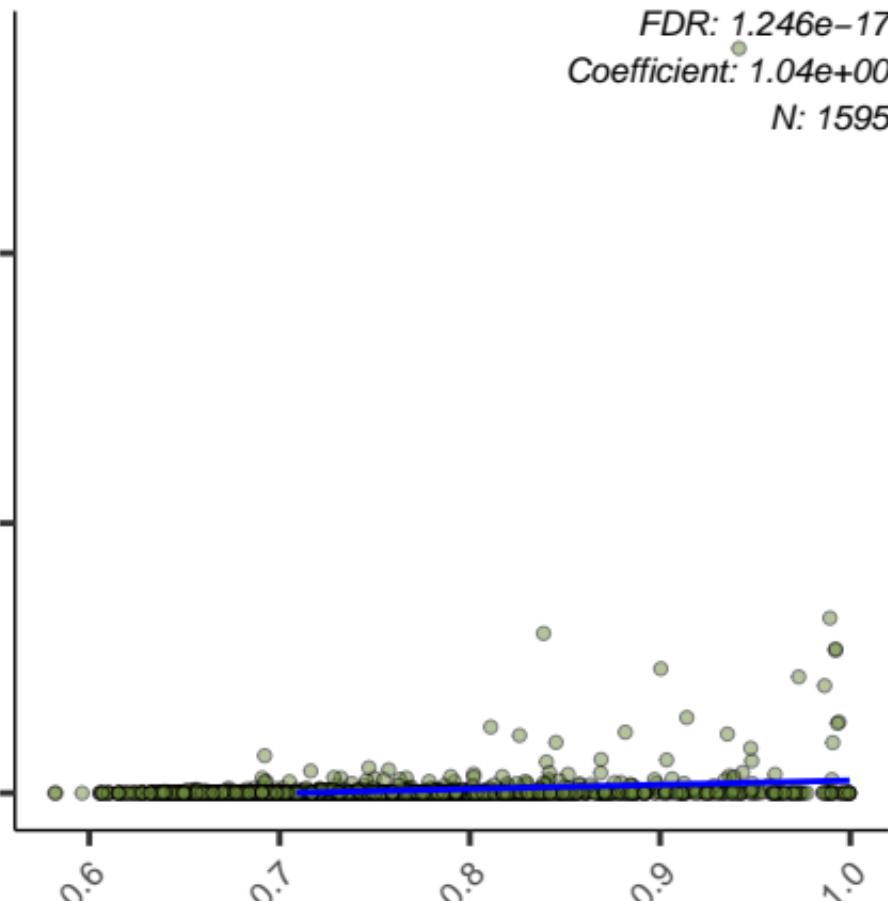
0.7

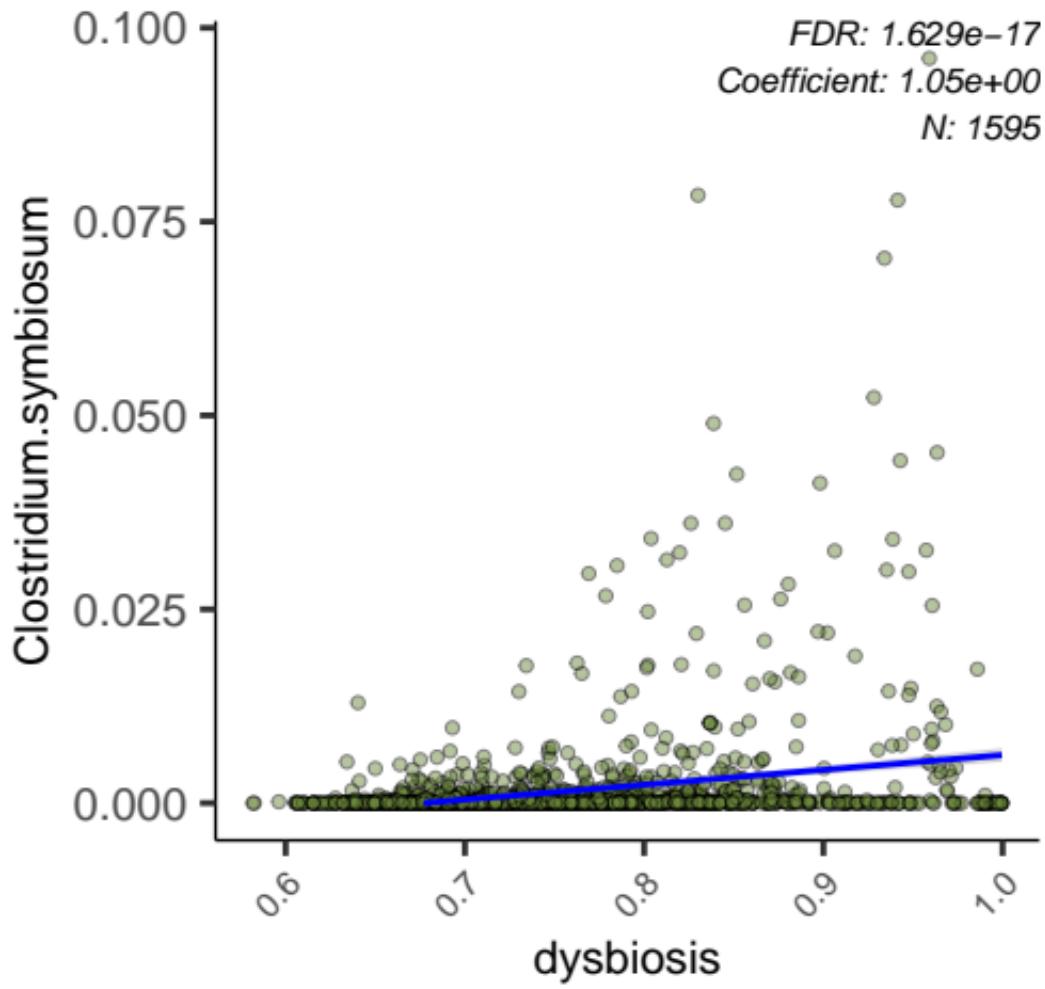
0.8

0.9

1.0

dysbiosis





FDR: 2.072e-17
Coefficient: -1.17e+00
N: 1595

Bacteroides.finegoldii

0.20

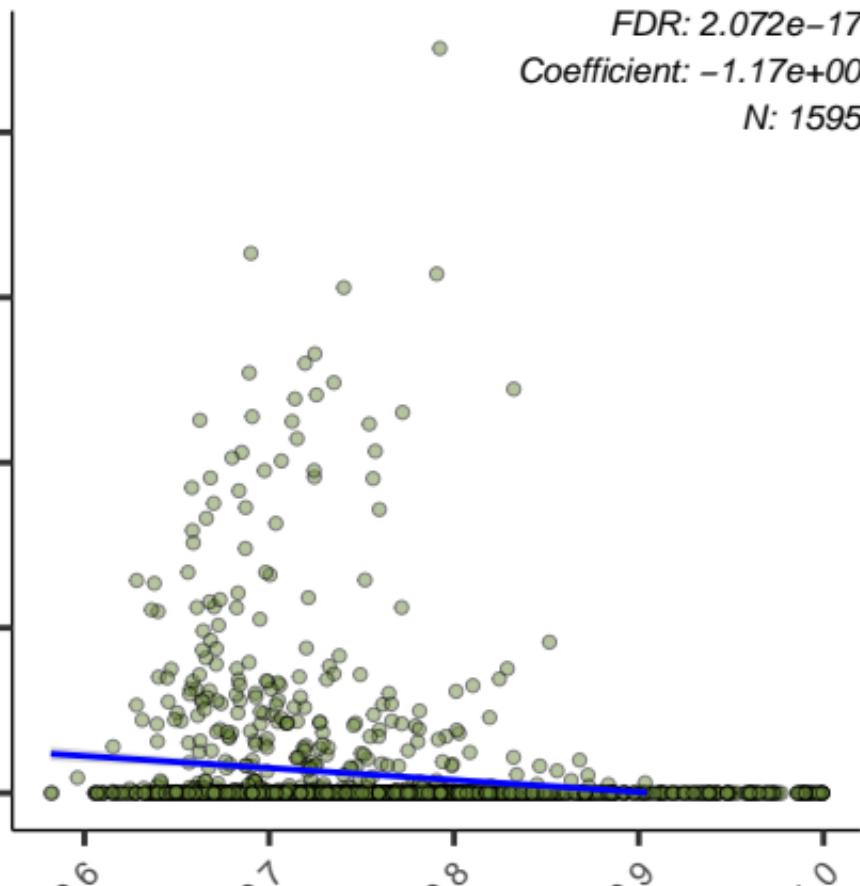
0.15

0.10

0.05

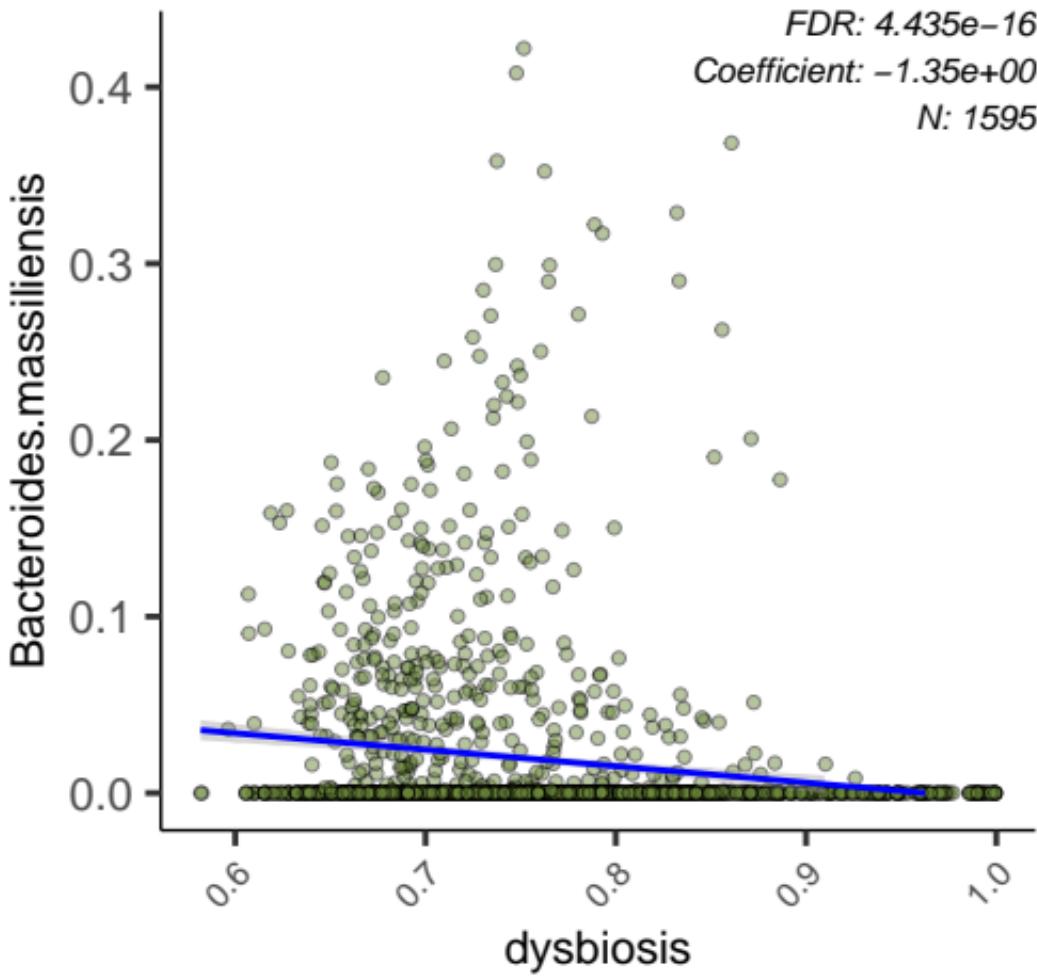
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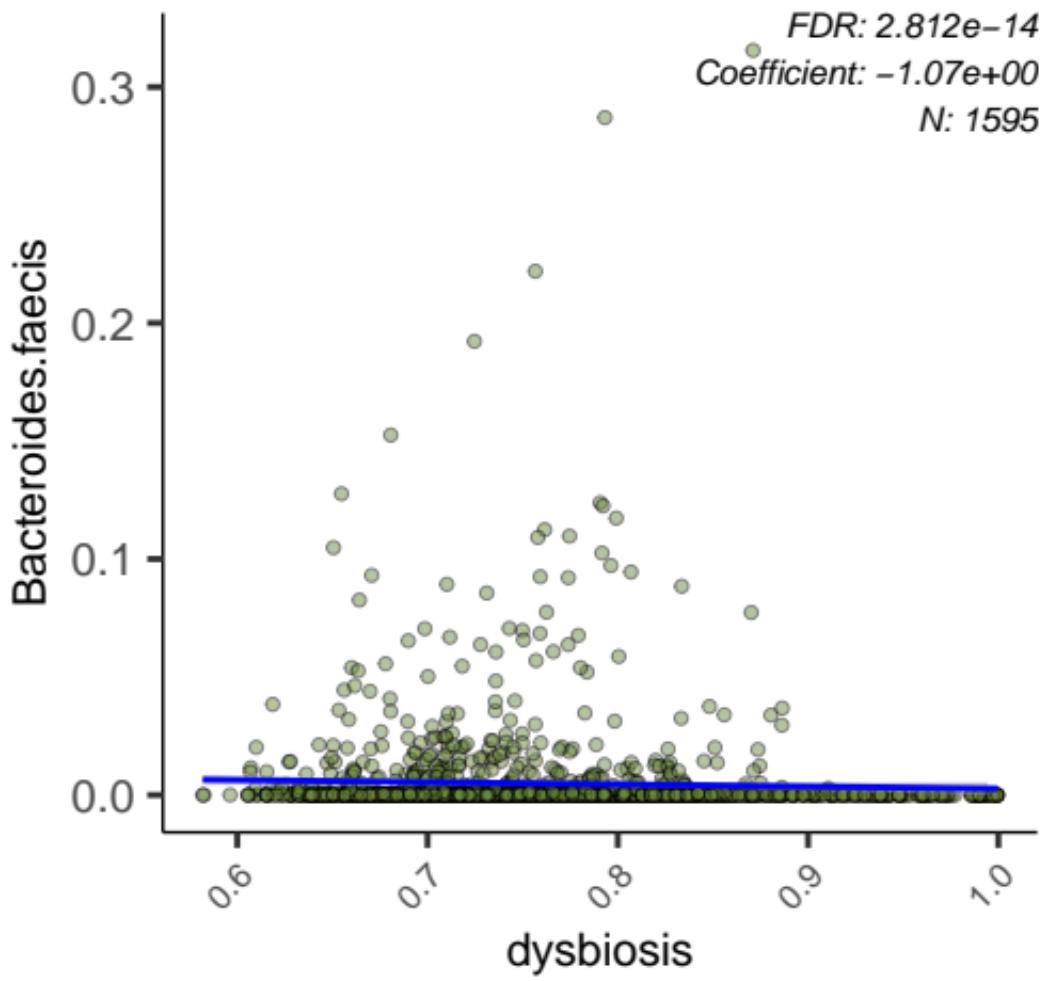
dysbiosis



Bacteroides.massiliensis

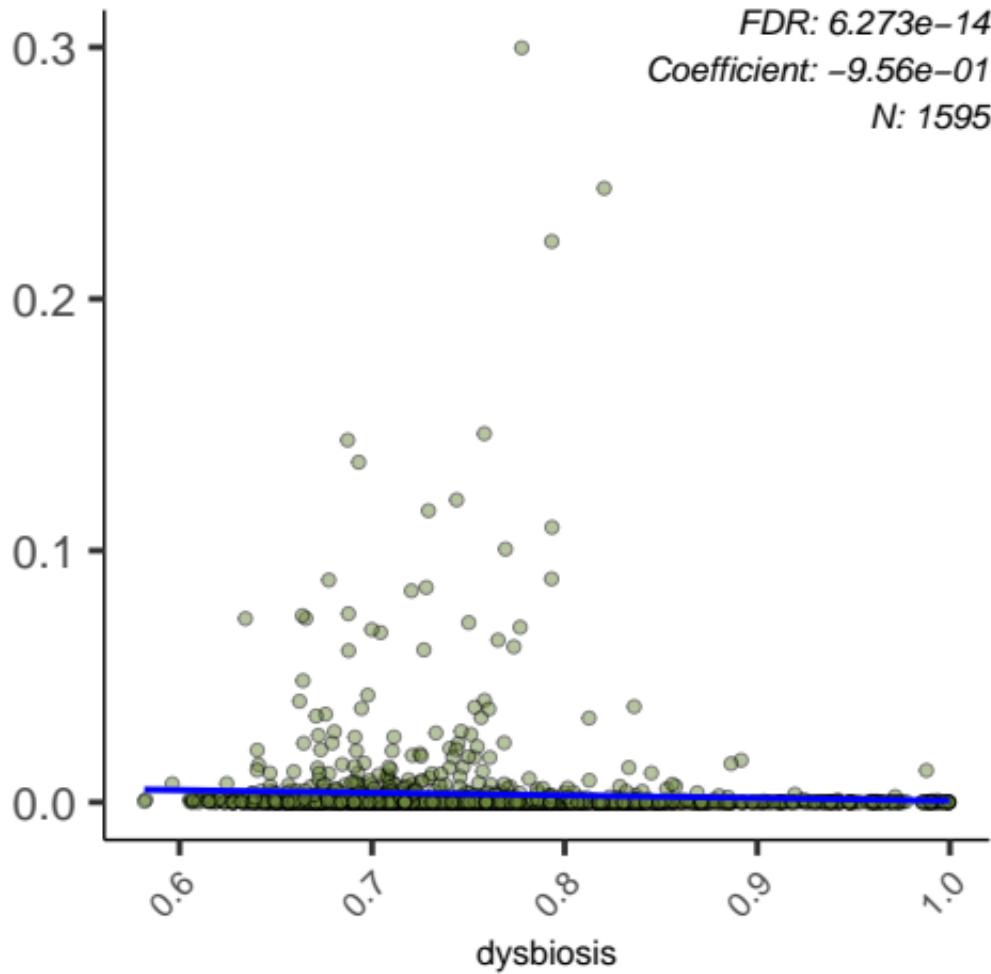
FDR: 4.435e-16
Coefficient: -1.35e+00
N: 1595

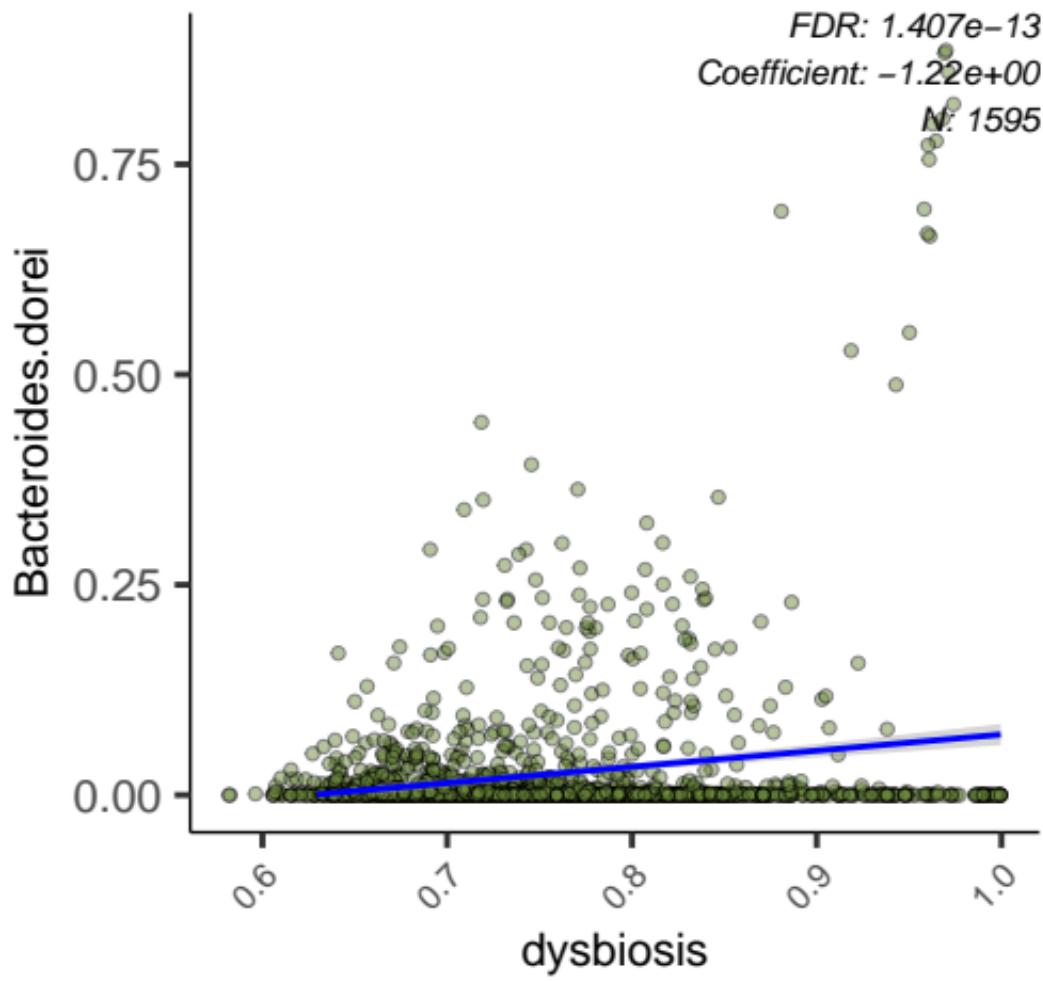


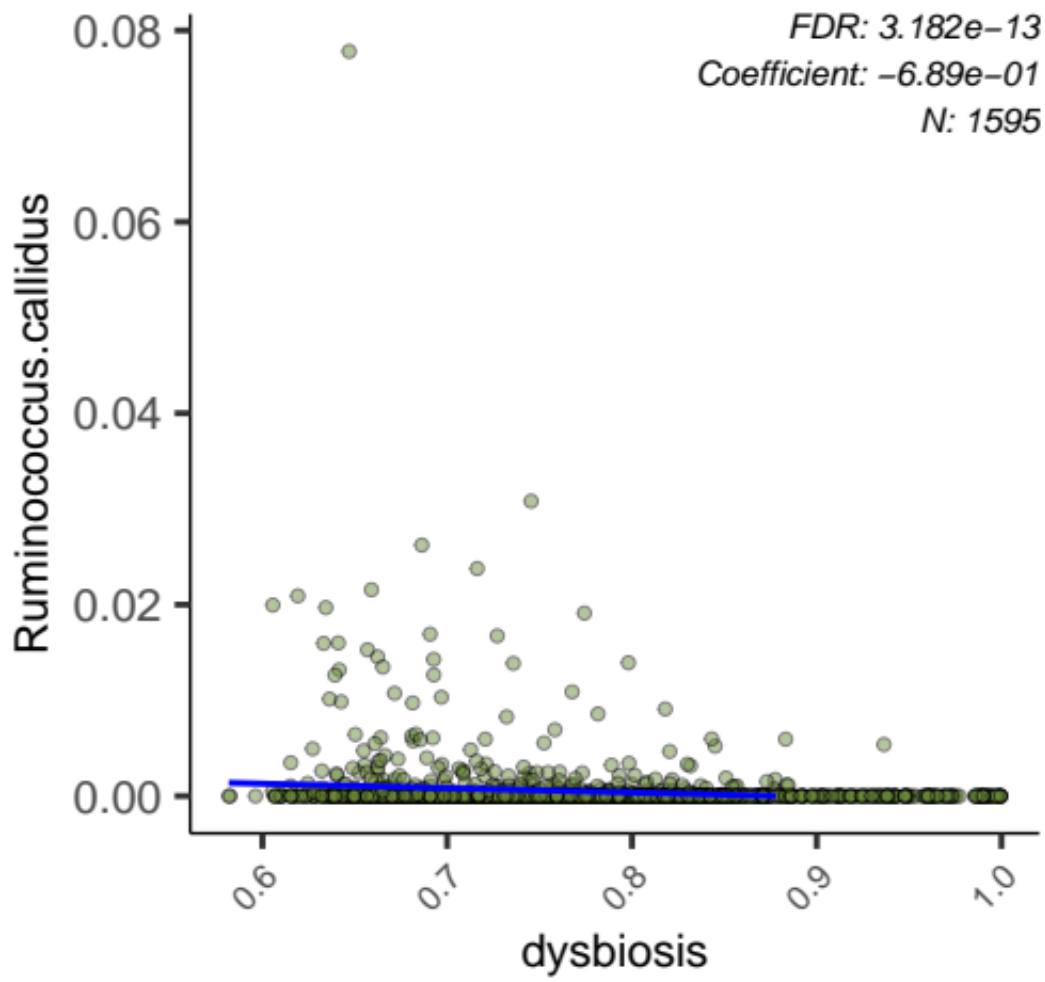


FDR: $6.273e-14$
Coefficient: $-9.56e-01$
 $N: 1595$

Bifidobacterium.adolescentis







FDR: $7.338e-11$
Coefficient: $-8.17e-01$
 $N: 1595$

Burkholderiales,bacterium.1.1.47

0.05

0.04

0.03

0.02

0.01

0.00

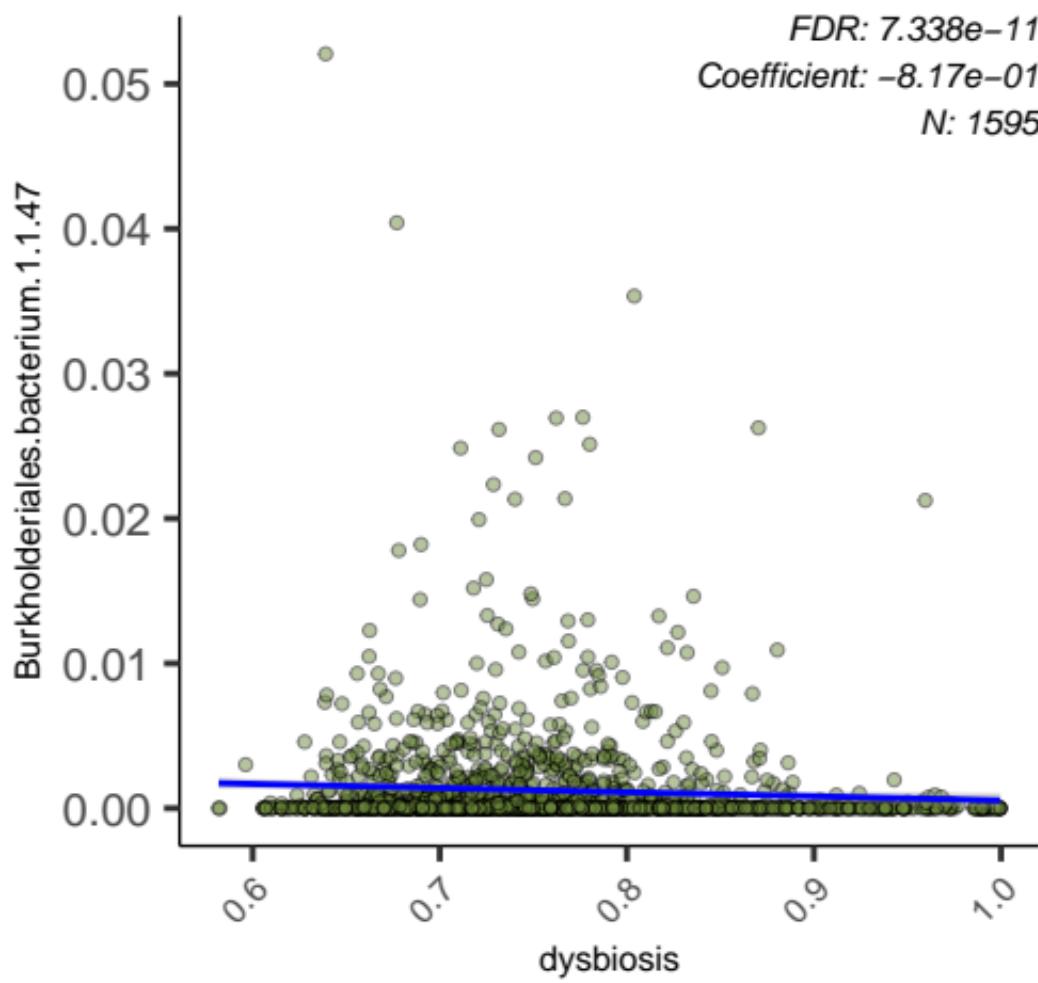
0.1

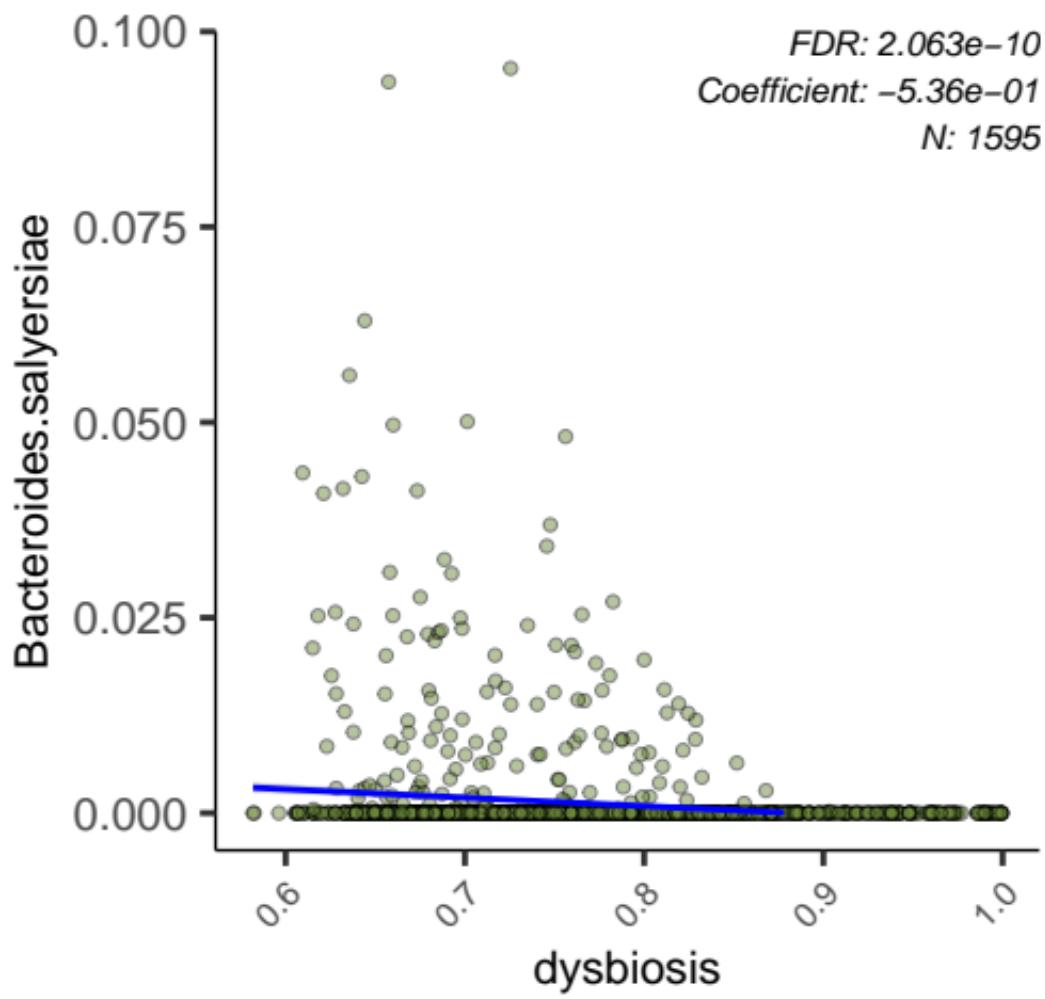
0.8

0.9

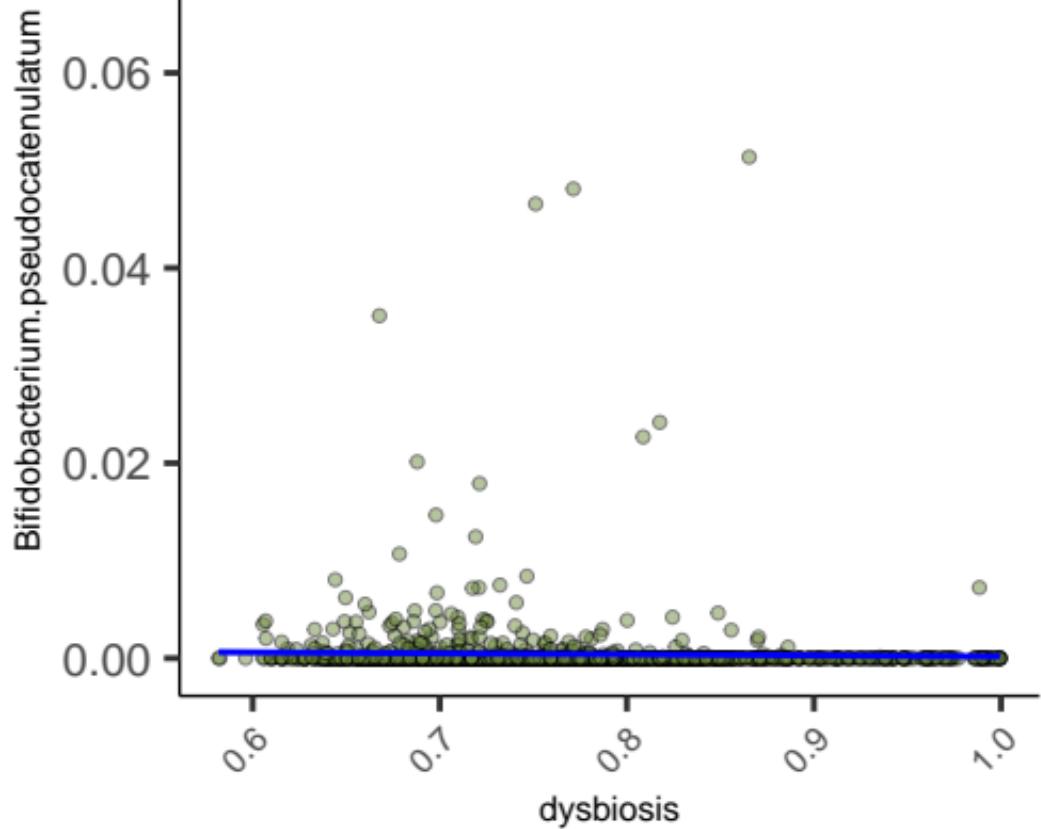
1.0

dysbiosis





FDR: 2.605e-10
Coefficient: -4.74e-01
N: 1595



FDR: 1.360e-09
Coefficient: -4.86e-01
N: 1595

Bacteroides.intestinalis

0.09

0.06

0.03

0.00

0.6

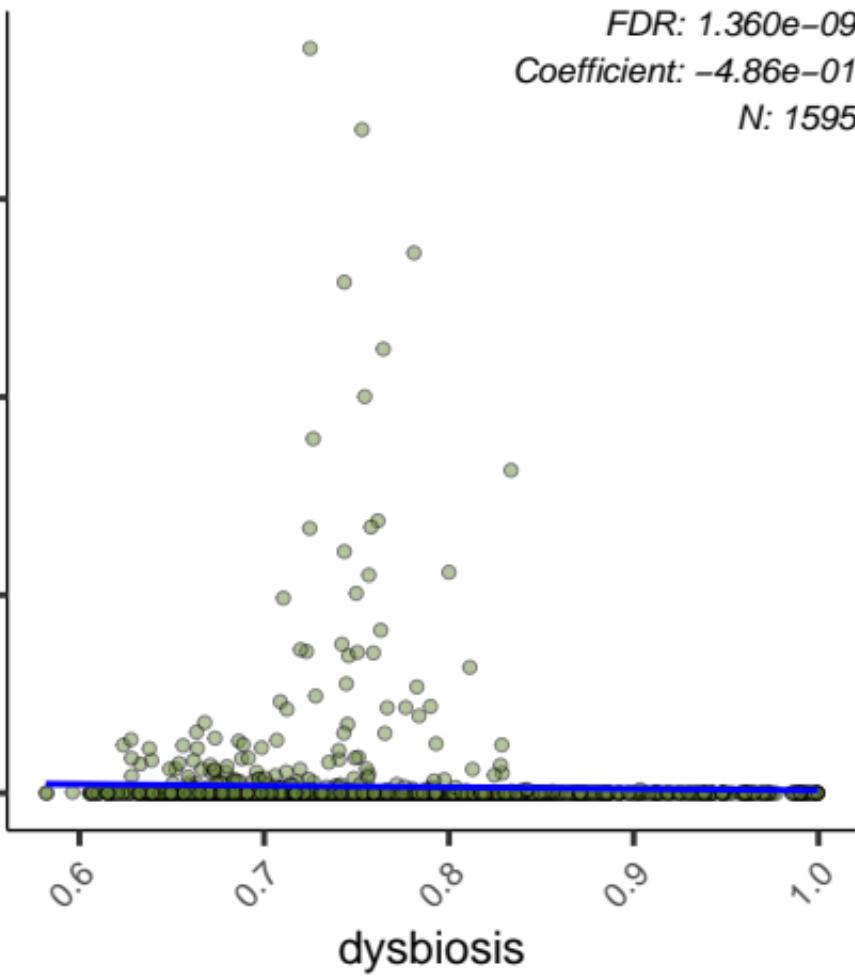
0.7

0.8

0.9

1.0

dysbiosis



FDR: 1.267e-08
Coefficient: 7.19e-01
N: 1595

Veillonella.parvula

0.4

0.2

0.0

0.6

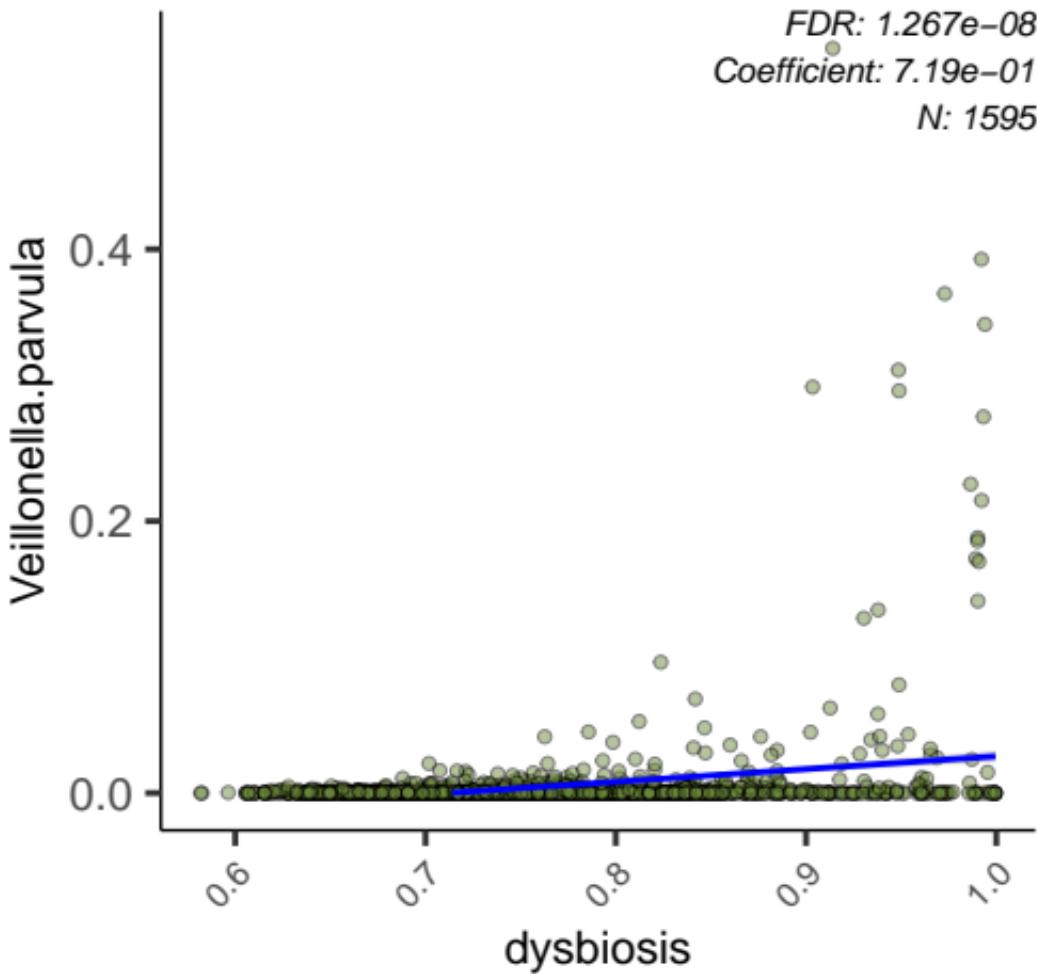
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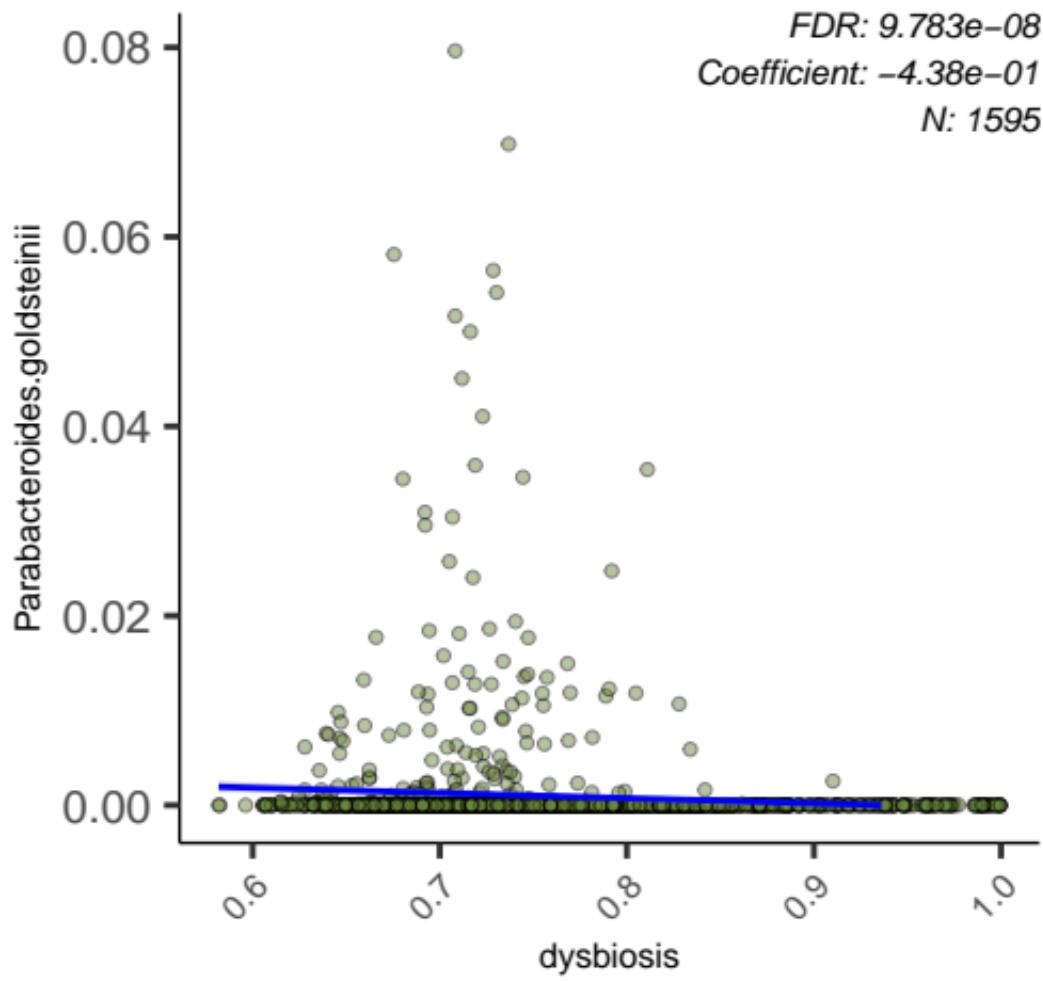
0.8

0.9

1.0

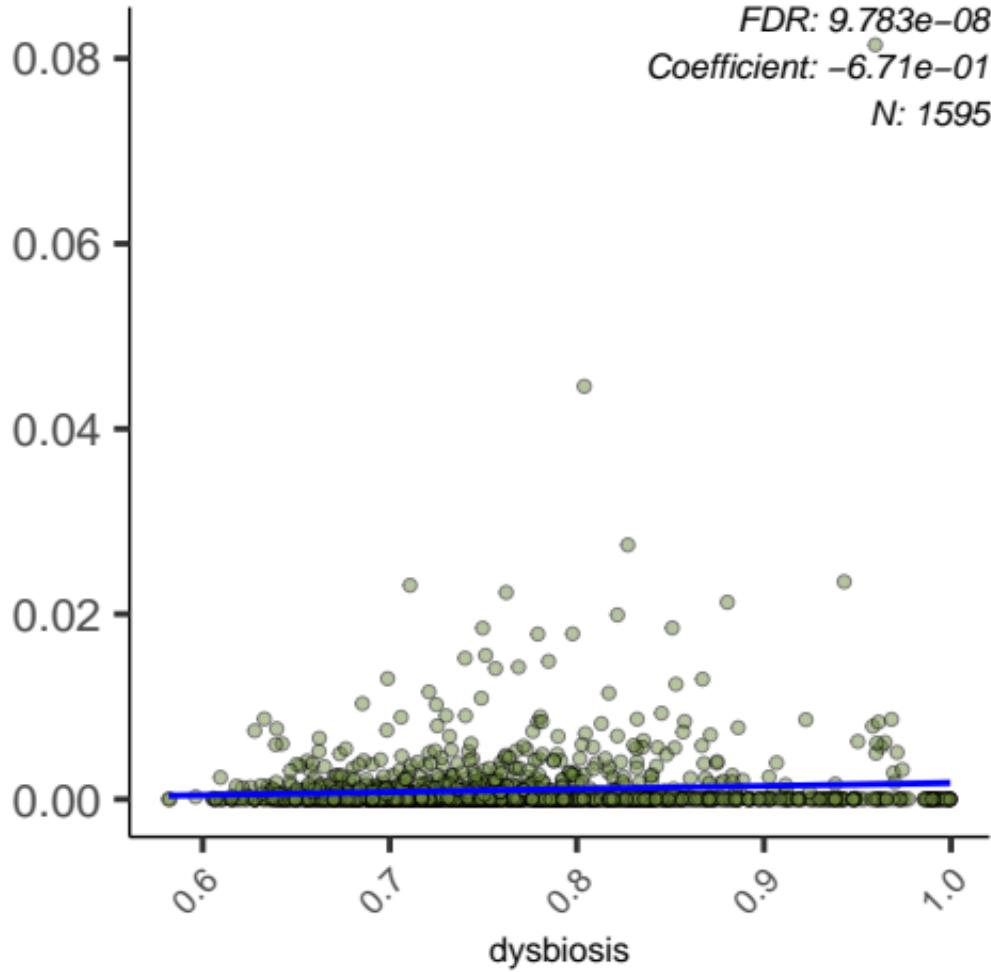
dysbiosis

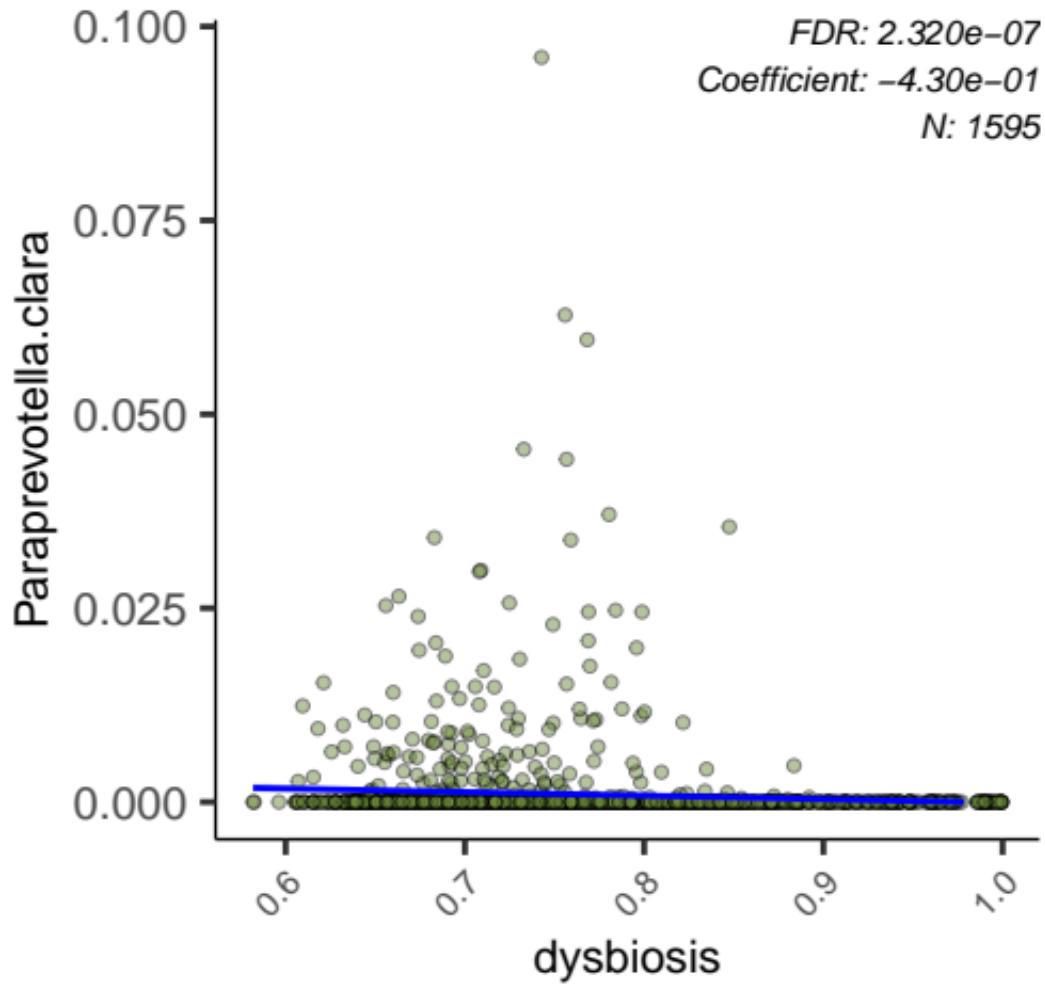




FDR: 9.783e-08
Coefficient: -6.71e-01
N: 1595

Parasutterella.exrementihominis

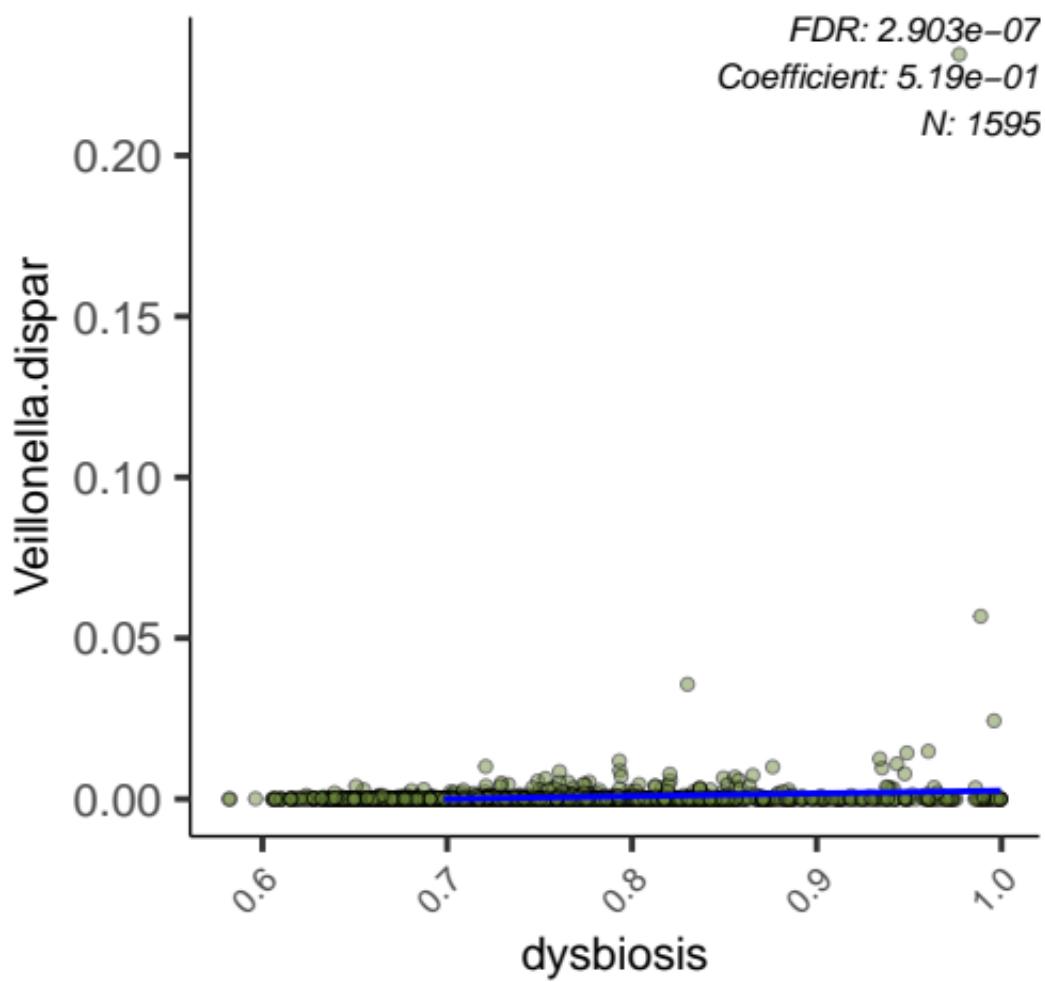


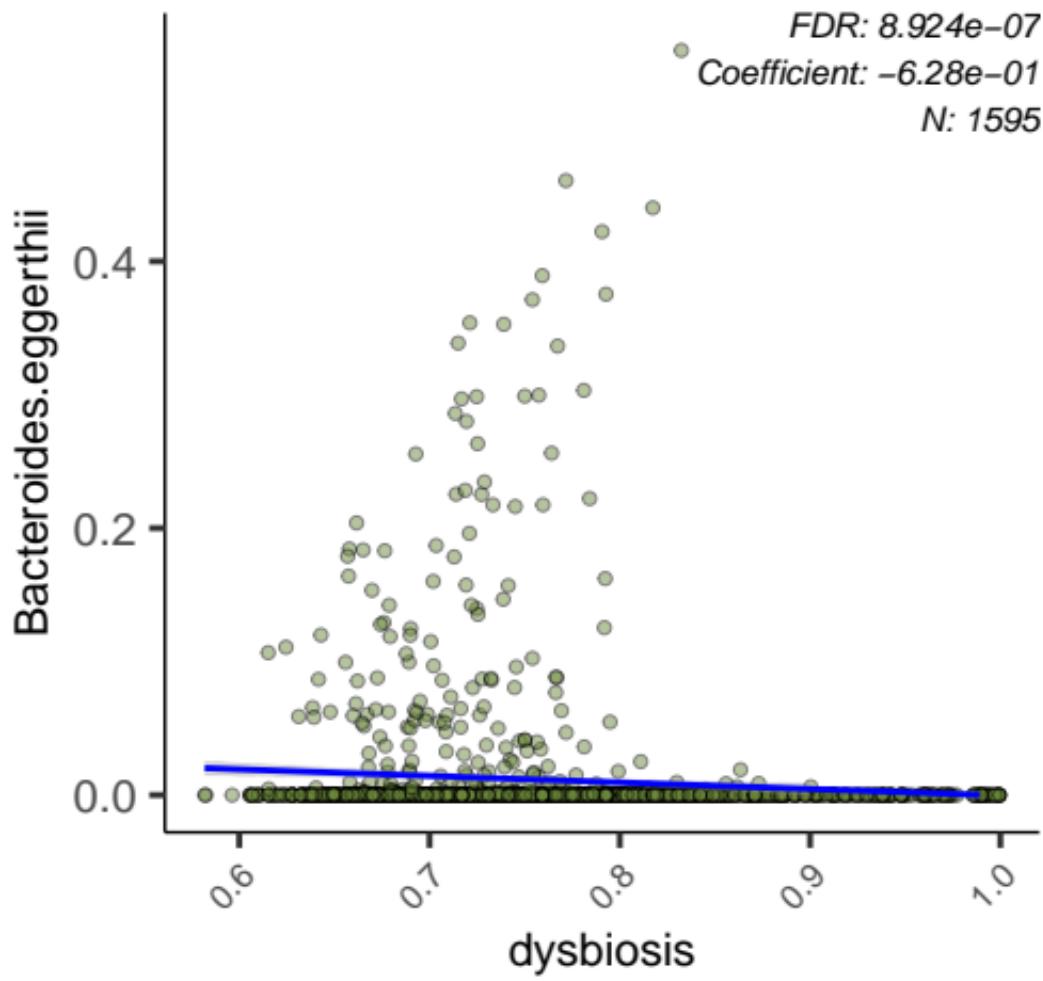


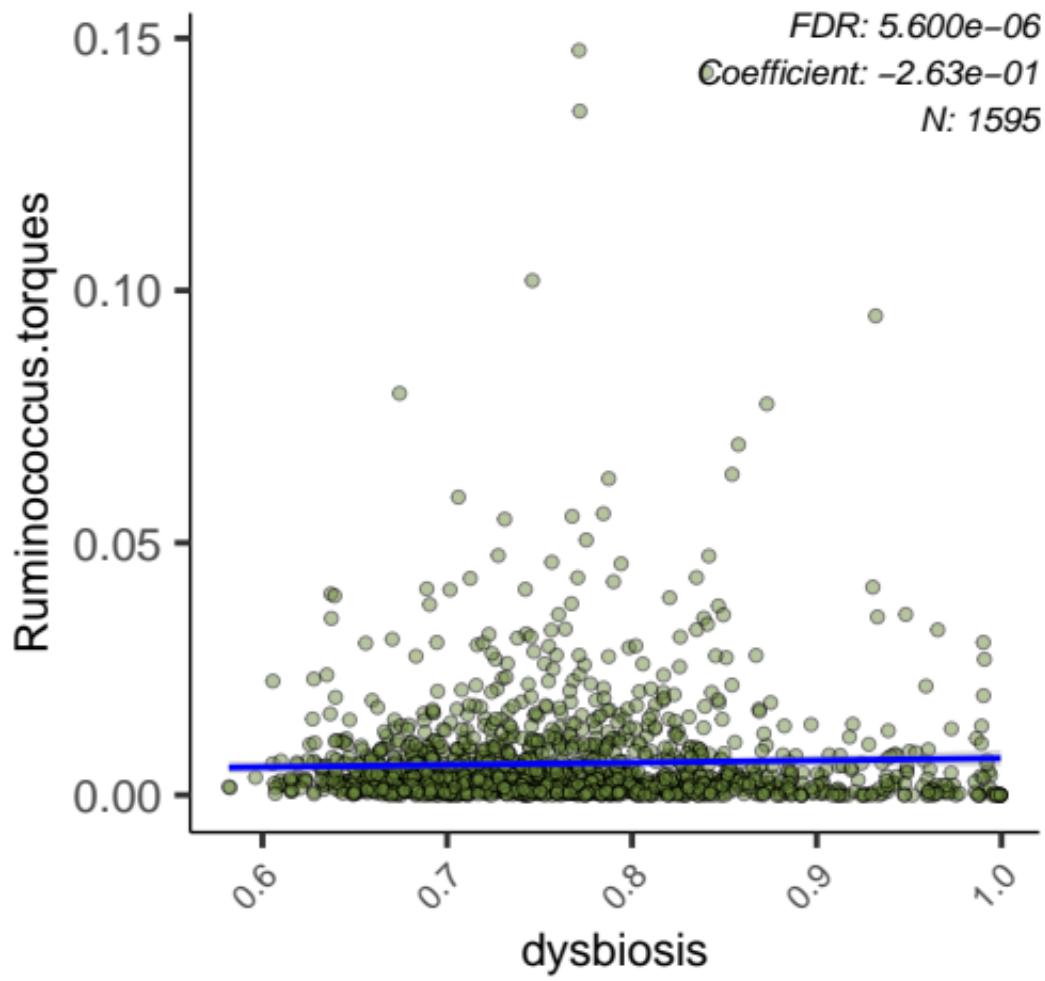
FDR: 2.903e-07

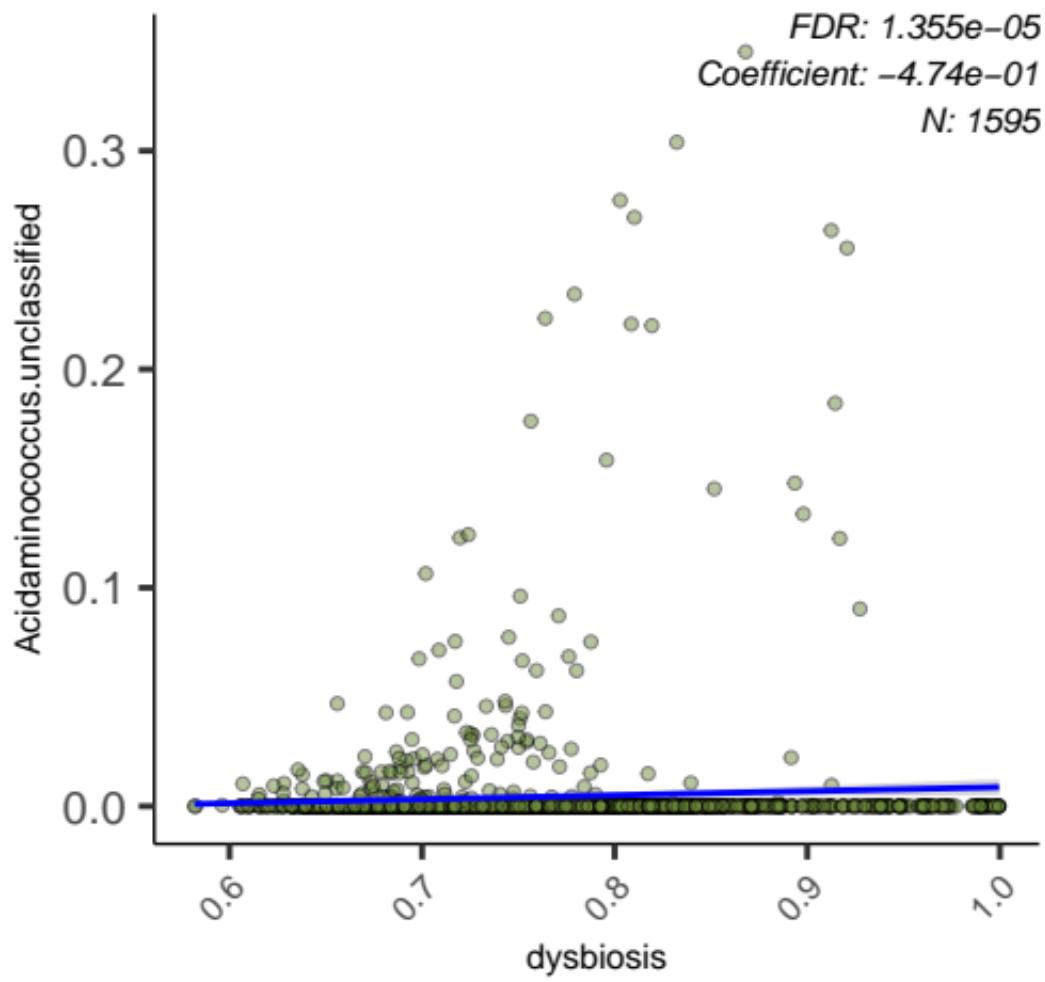
Coefficient: 5.19e-01

N: 1595

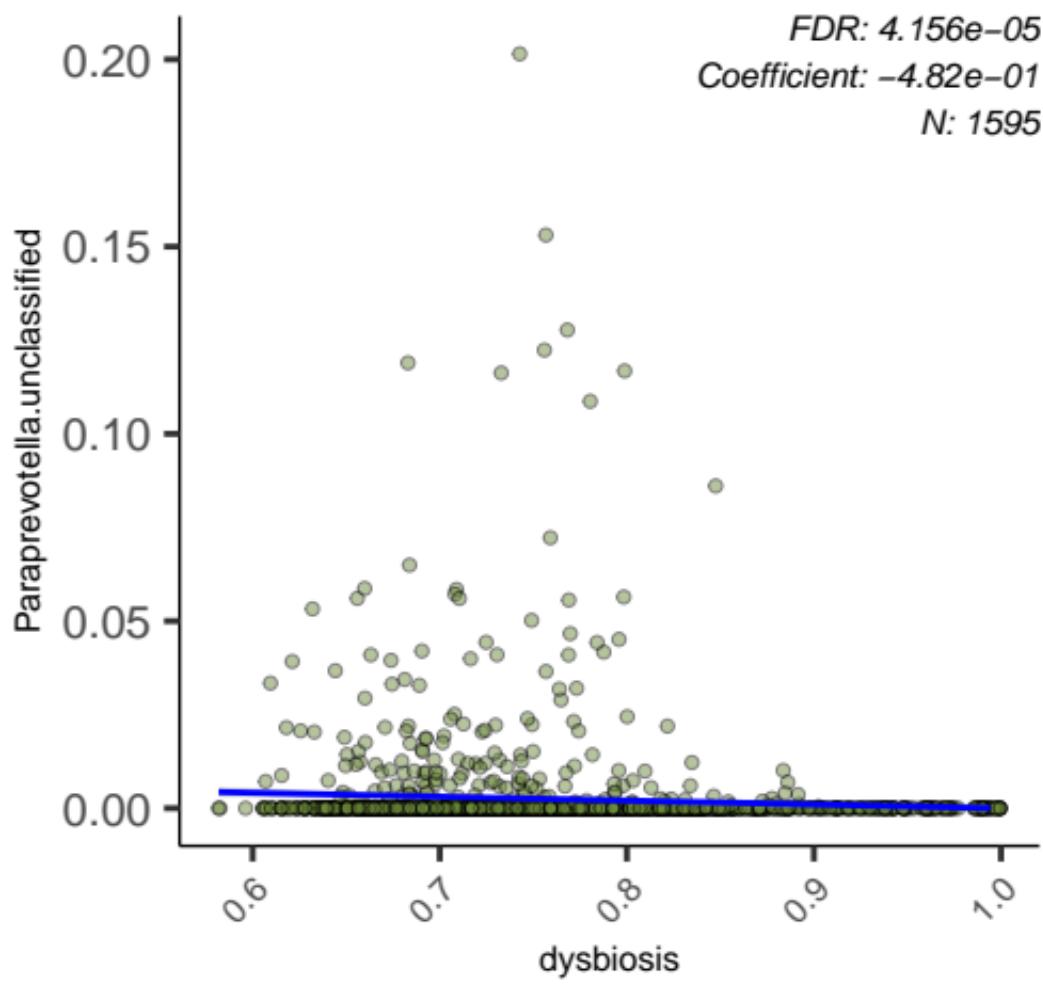


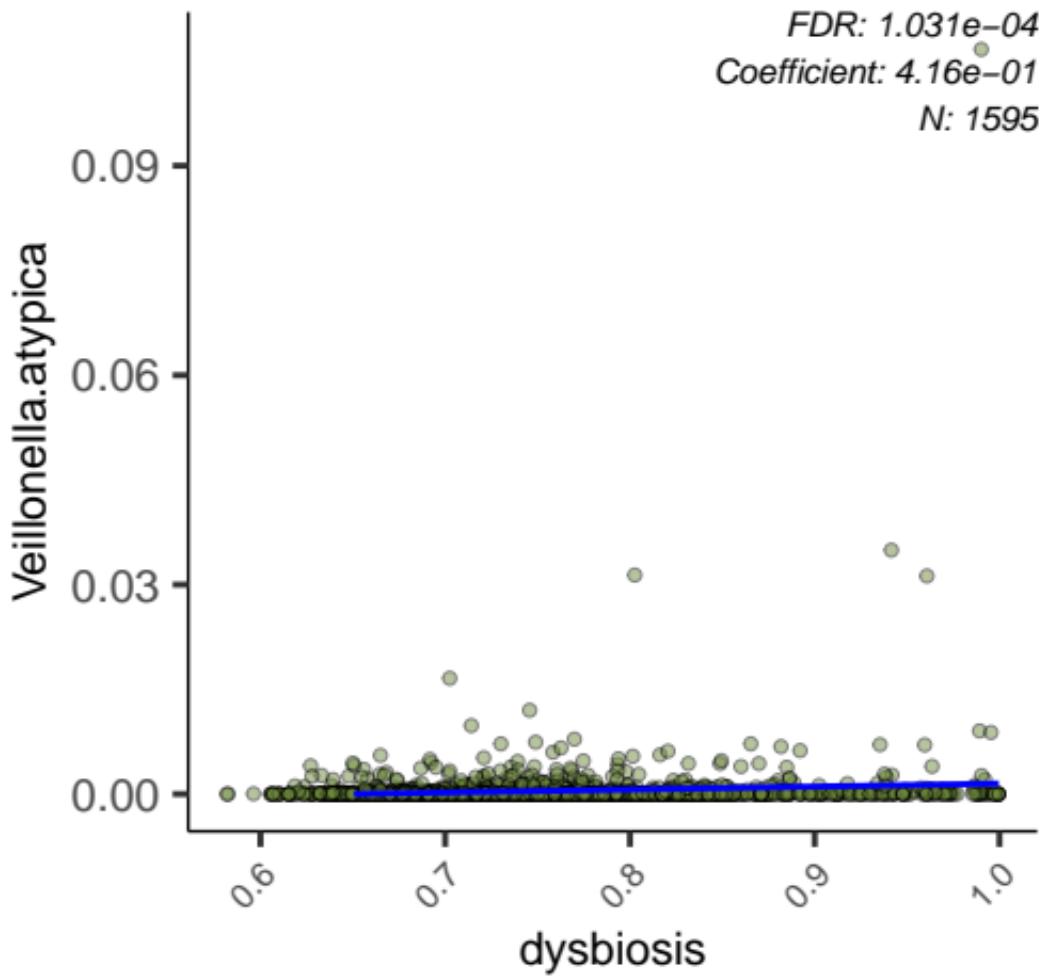


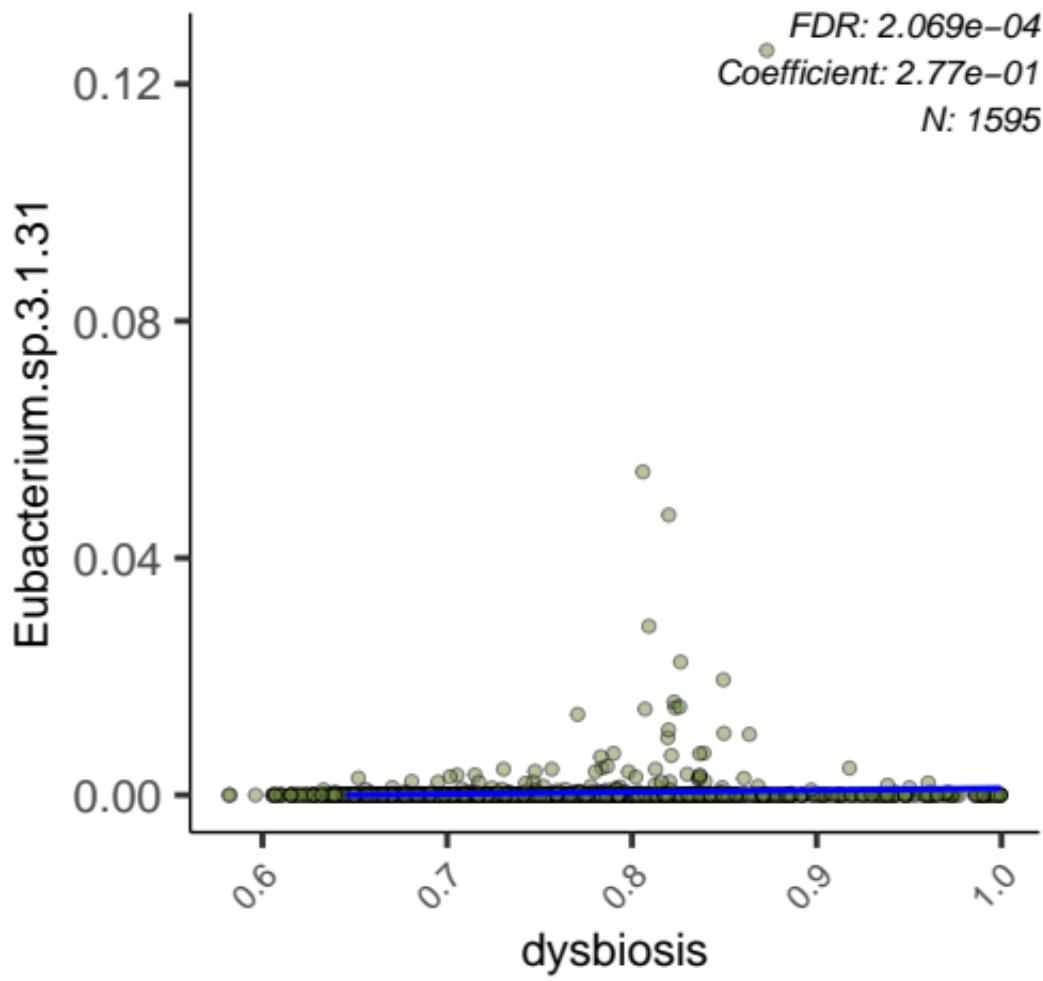


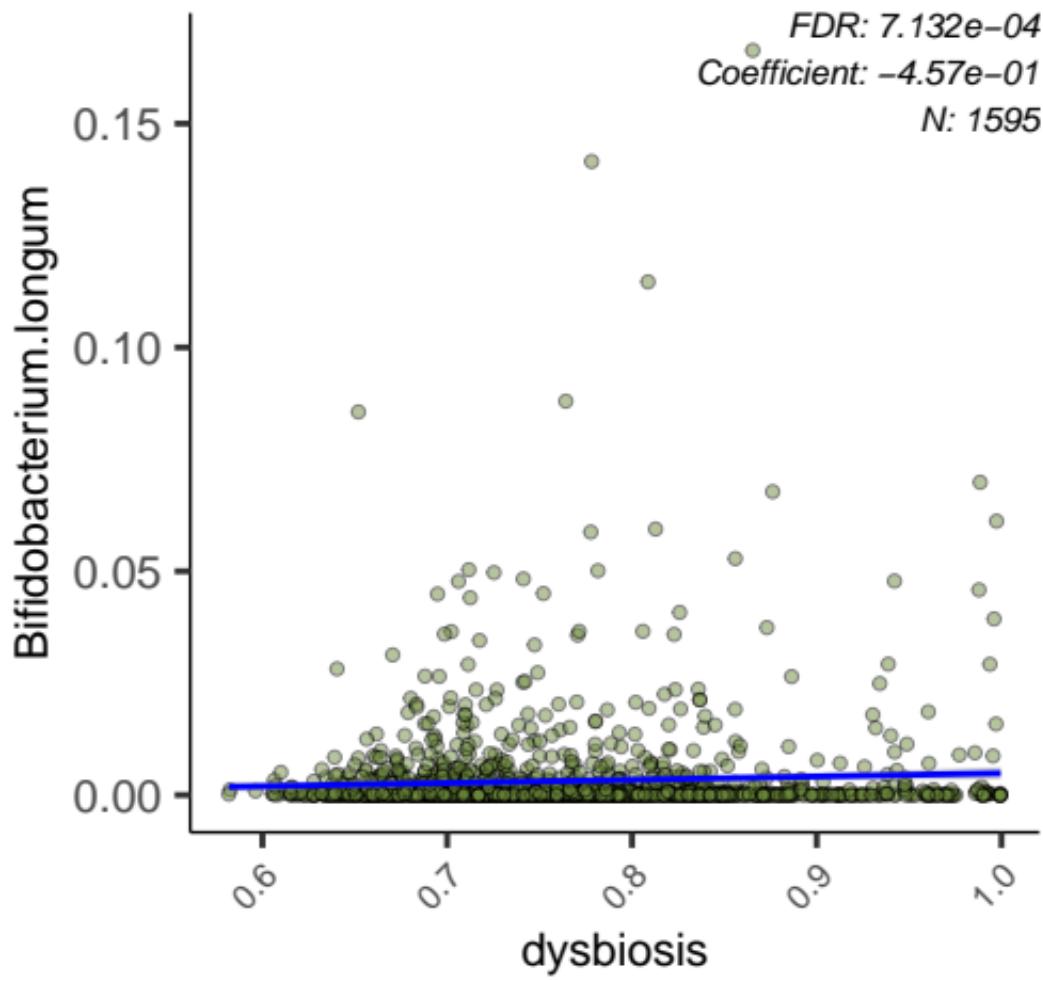


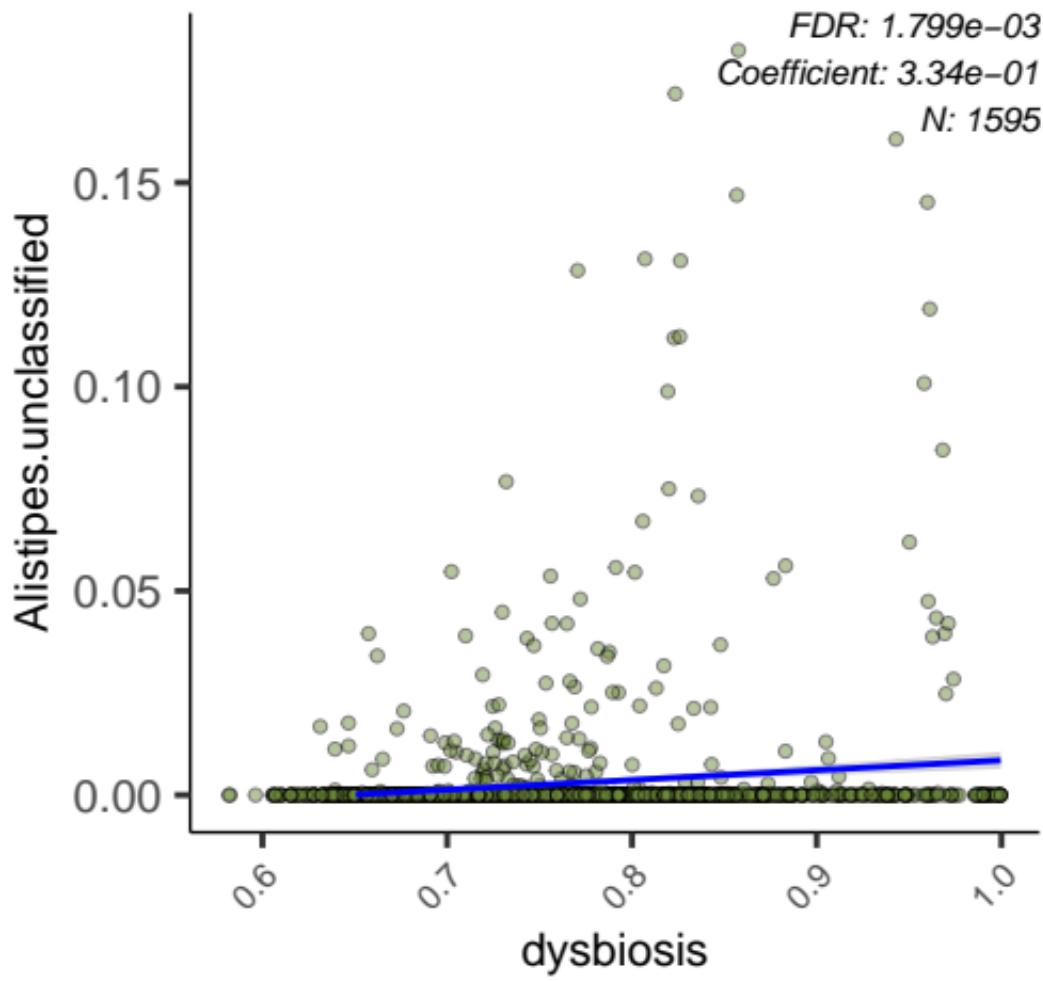
FDR: $4.156e-05$
Coefficient: $-4.82e-01$
 $N: 1595$











FDR: 2.292e-03
Coefficient: -4.64e-01
N: 1595

Roseburia.unclassified

0.10

0.05

0.00

0.6

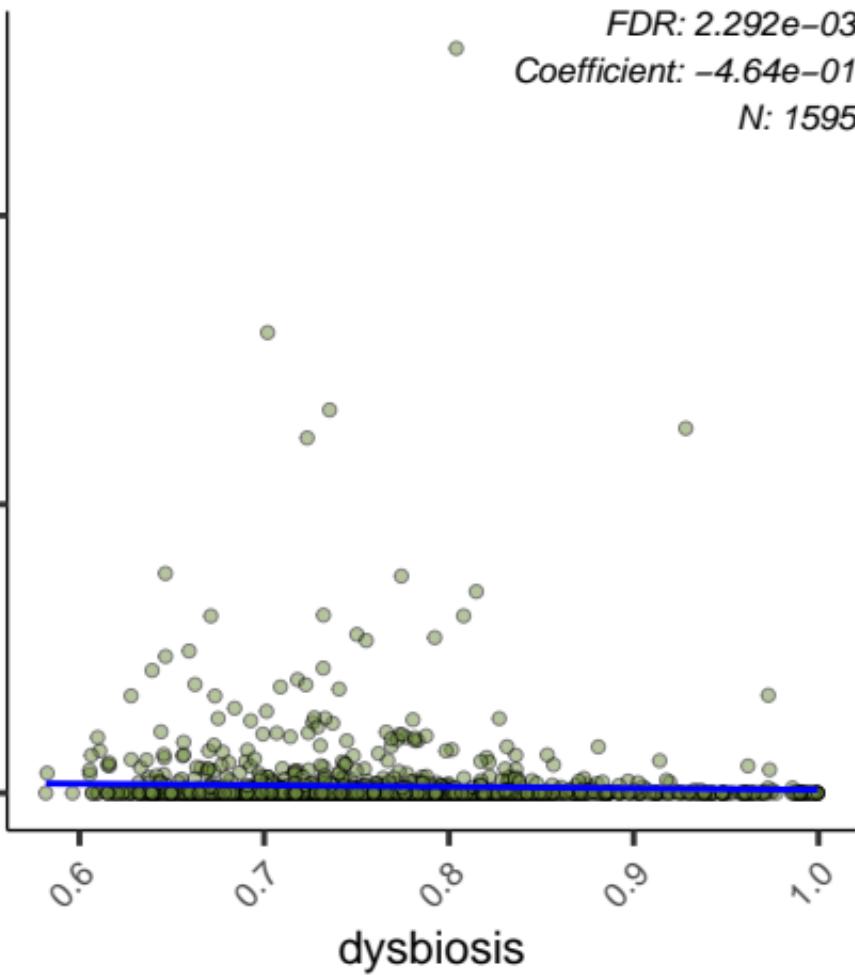
0.7

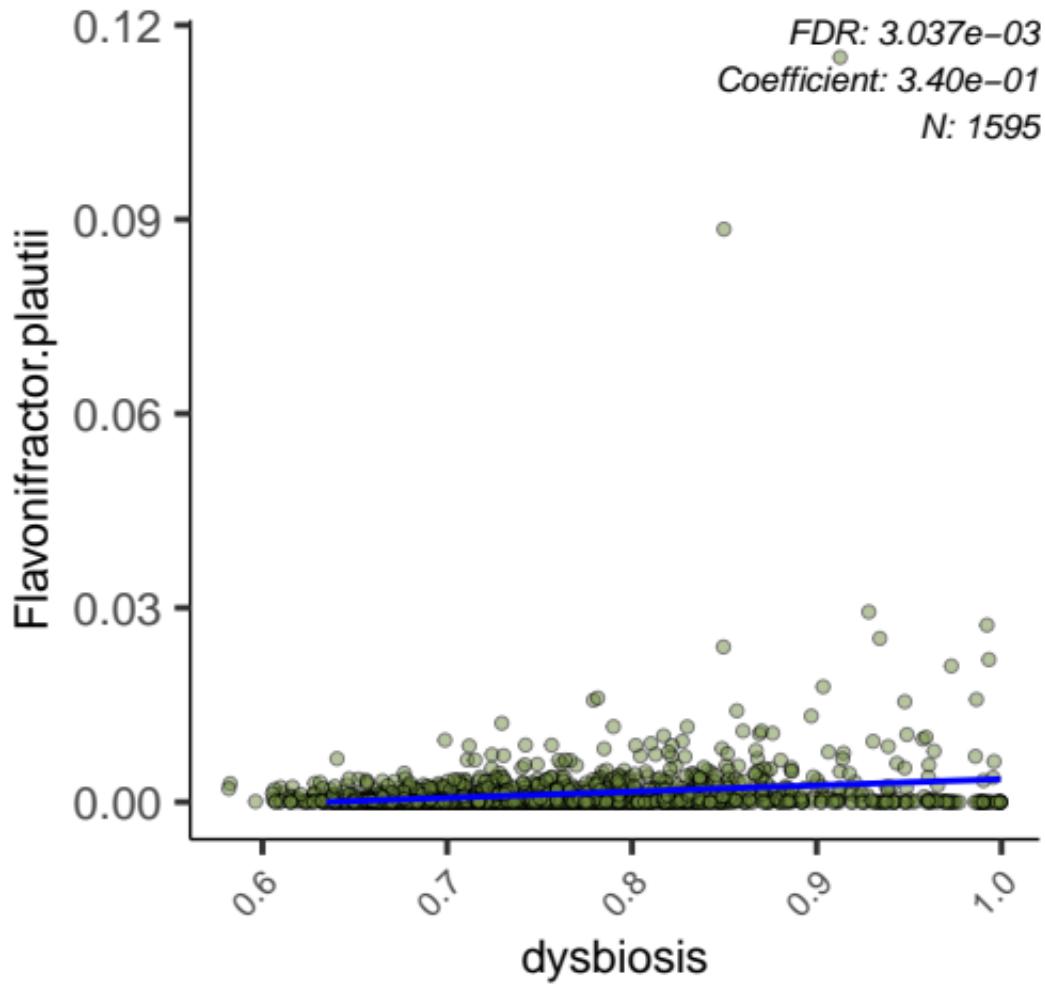
0.8

0.9

1.0

dysbiosis





FDR: $6.834\text{e-}03$
Coefficient: $-2.08\text{e-}01$
N: 1595

Coprobacter.fastidiosus

0.10

0.05

0.00

0.6

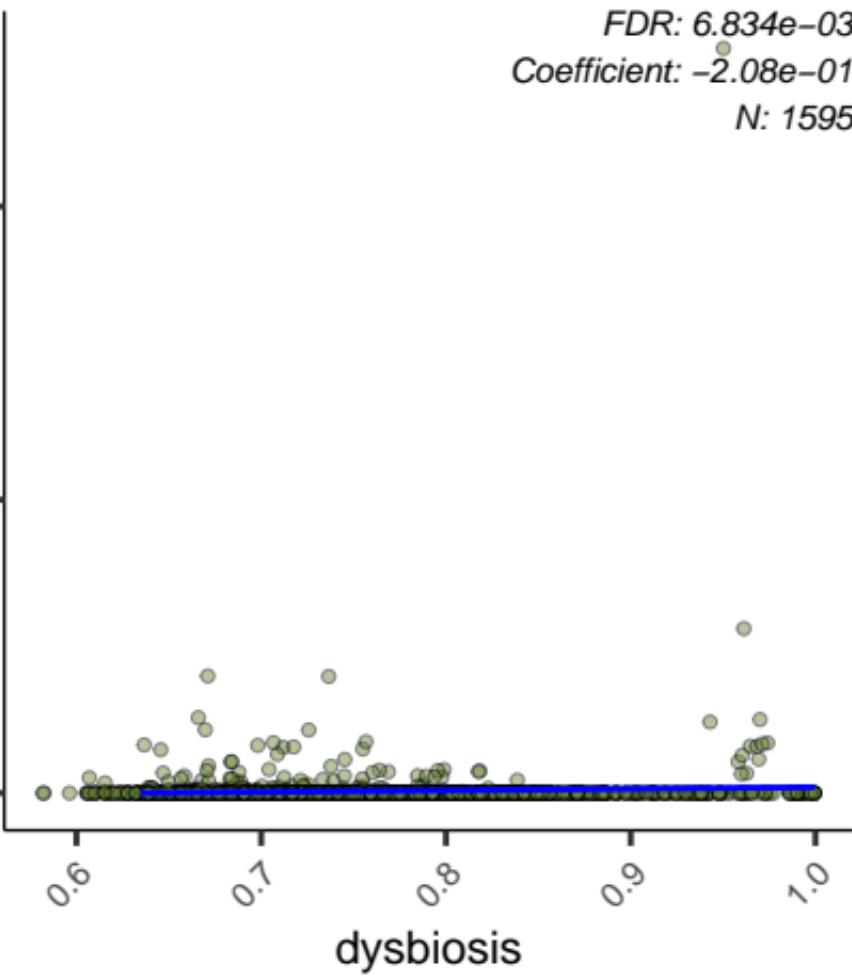
0.7

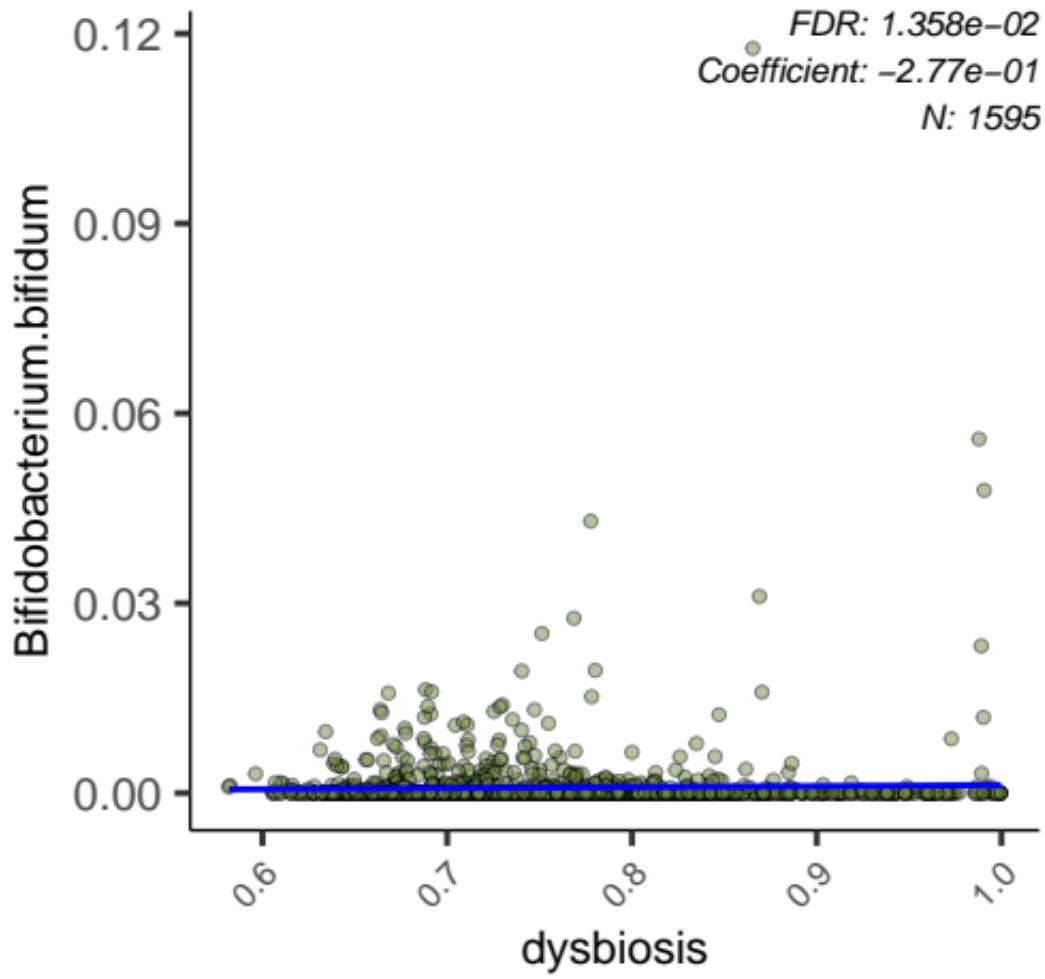
0.8

0.9

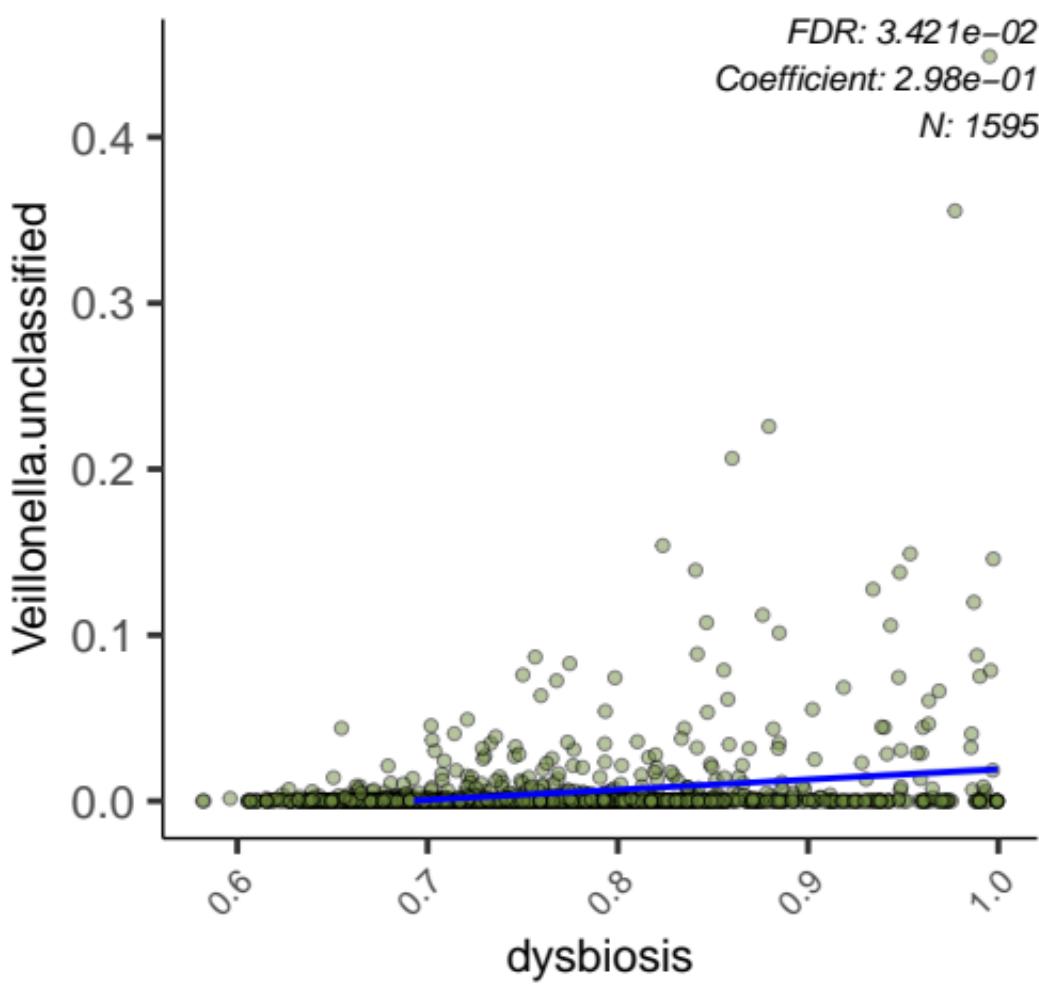
1.0

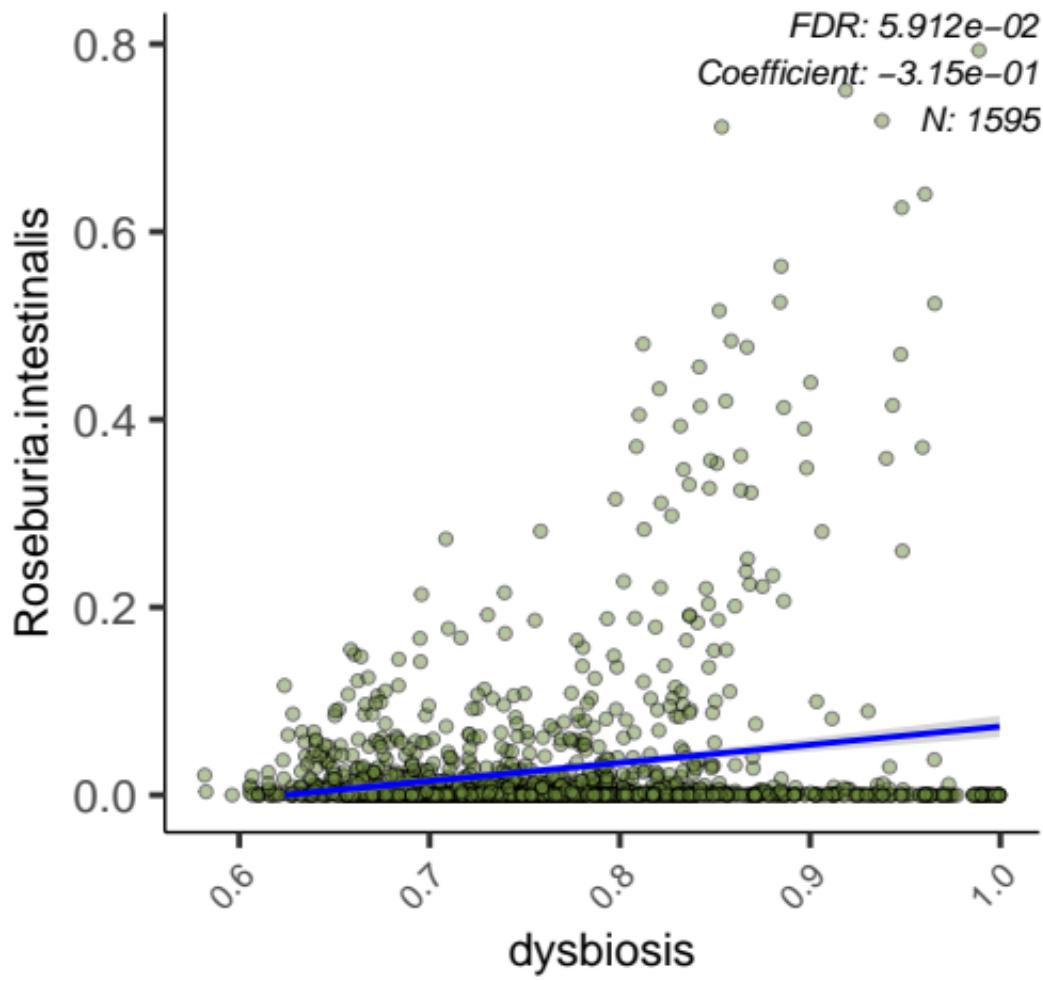
dysbiosis

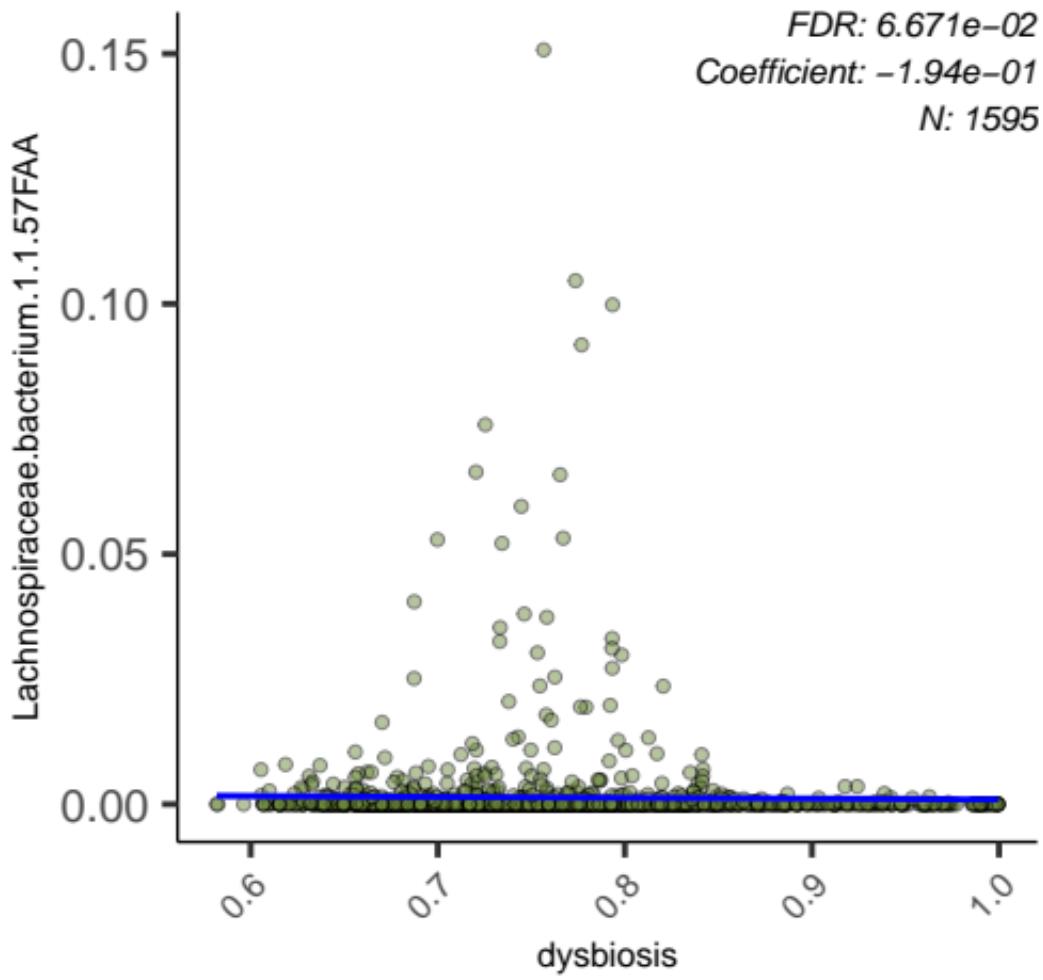




FDR: $3.421e-02$
Coefficient: $2.98e-01$
 $N: 1595$







FDR: $1.320e-01$
Coefficient: $1.34e-01$
 $N: 1595$

C2likevirus.unclassified

0.4

0.2

0.0

0.6

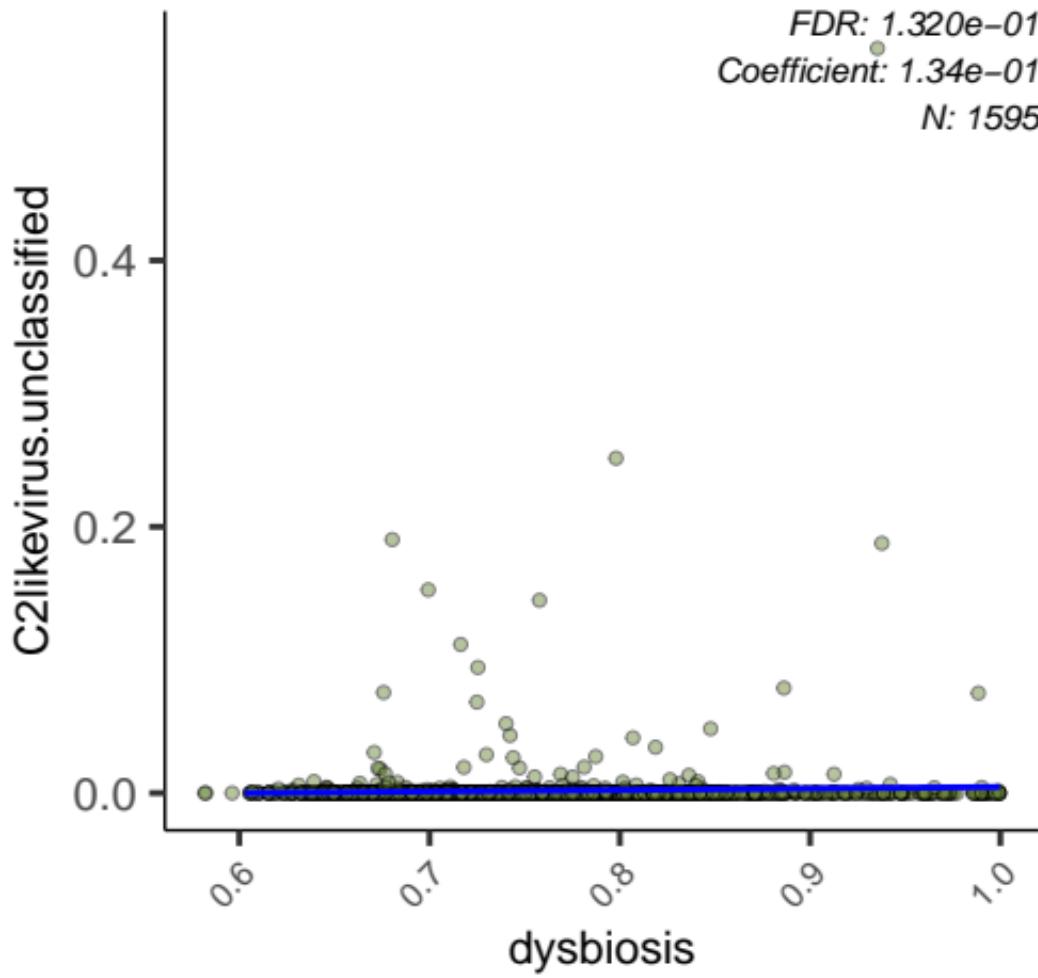
0.7

0.8

0.9

1.0

dysbiosis



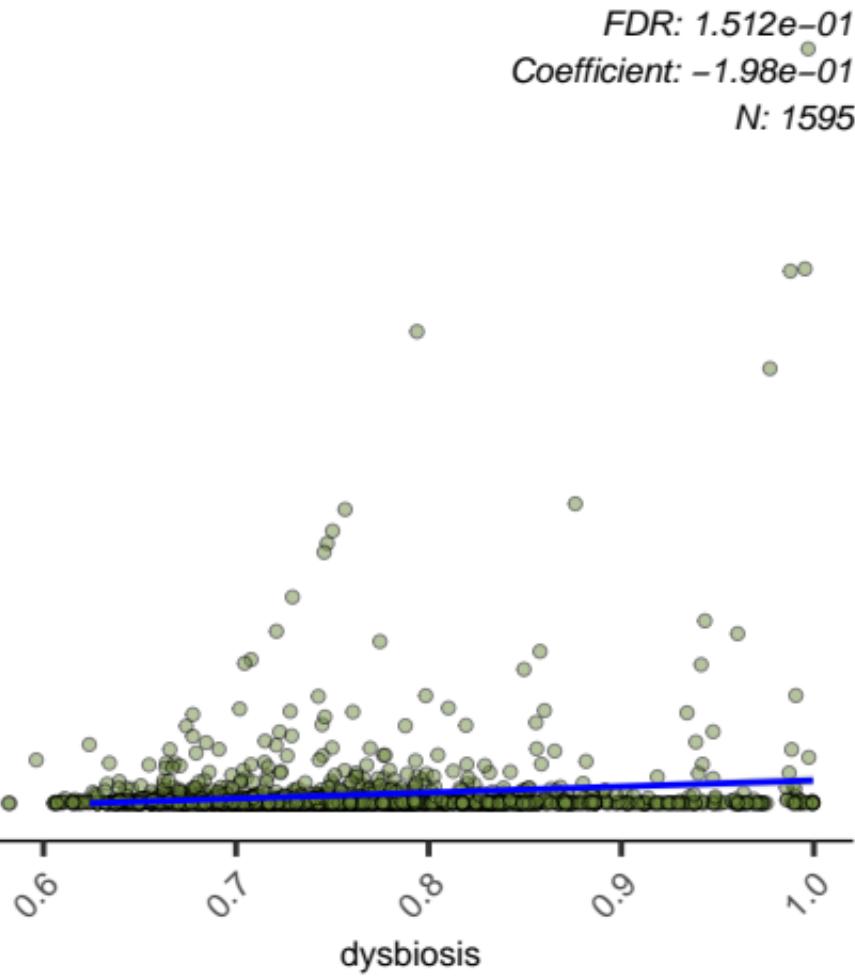
FDR: $1.512e-01$
Coefficient: $-1.98e-01$
 $N: 1595$

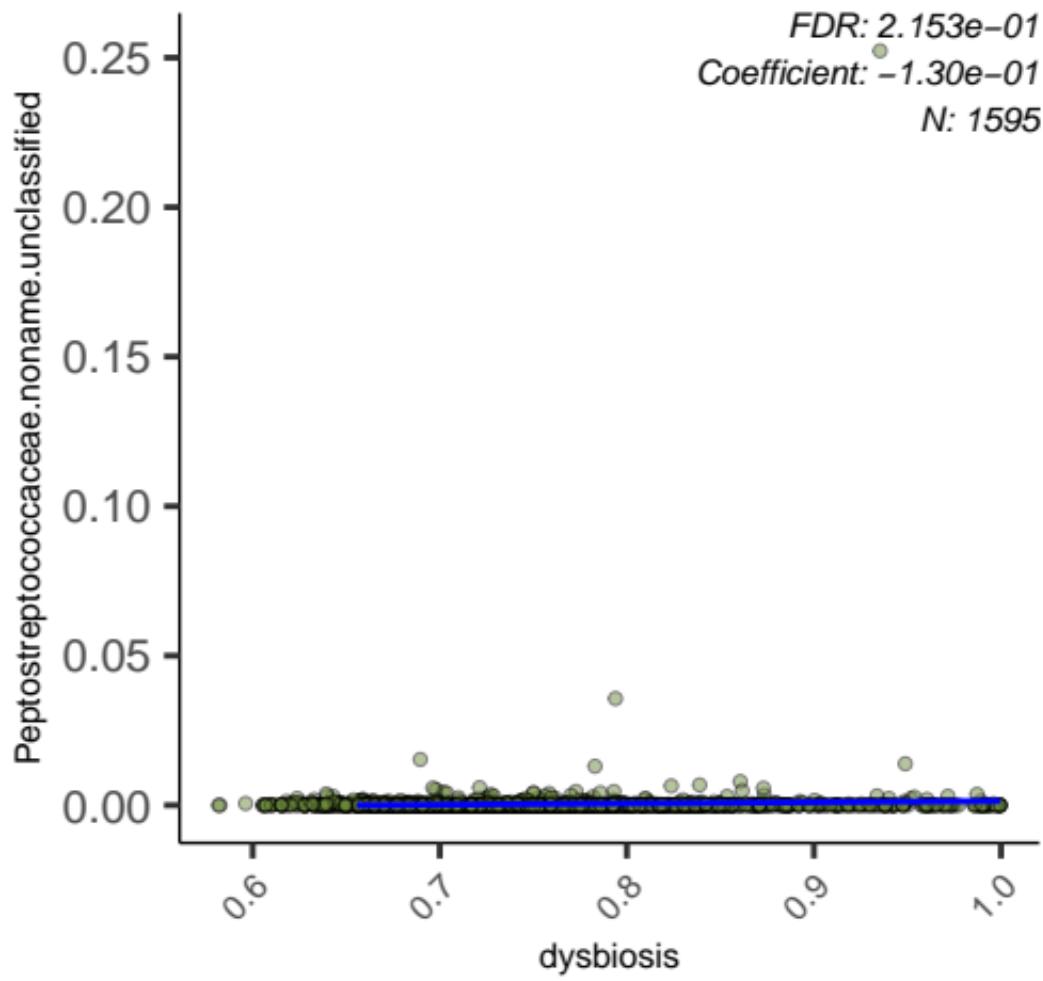
Haemophilus.parainfluenzae

0.3
0.2
0.1
0.0

0.6 0.7 0.8 0.9 1.0

dysbiosis





FDR: 2.175e-01

Coefficient: 1.69e-01

N: 1595

