

Sedoheptulose.7.phosphate

0.03  
0.02  
0.01  
0.00

*FDR: 5.816e-05*  
*Coefficient: -9.01e-01*  
*N: 250*

-2

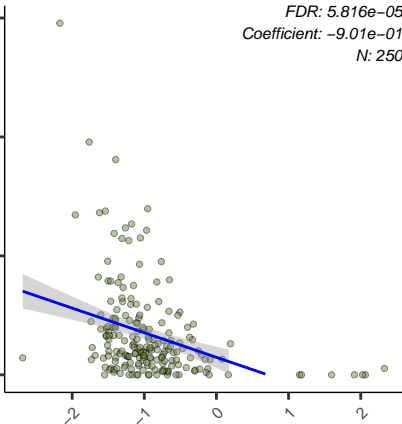
-1

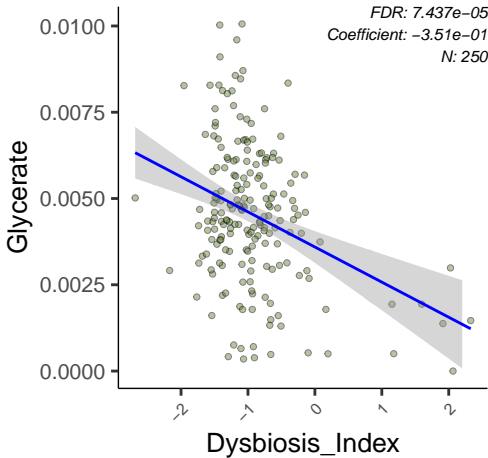
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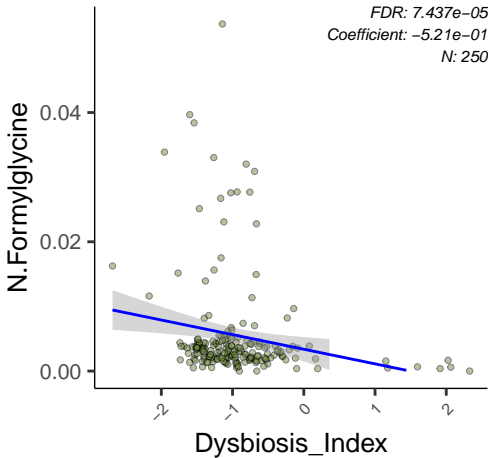
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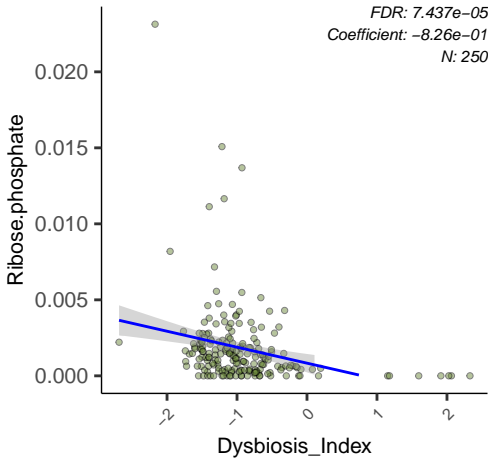
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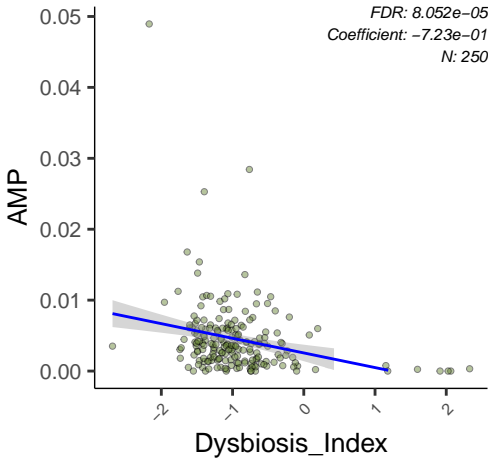
Dysbiosis\_Index



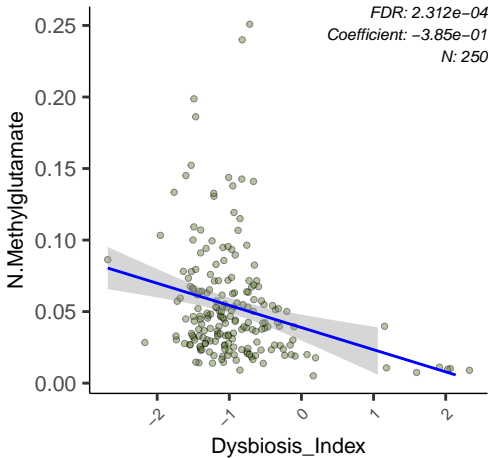


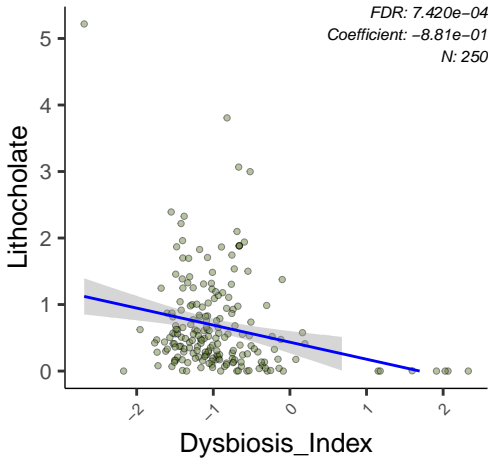


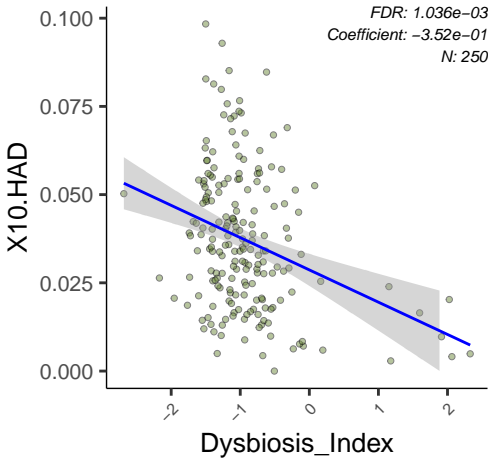


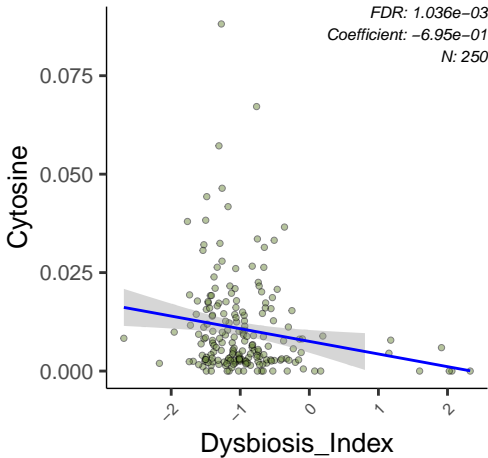












X4.Acetamidobutanoate

*FDR: 1.319e-03*  
*Coefficient: -3.04e-01*  
*N: 250*

0.2

0.1

0.0

-2

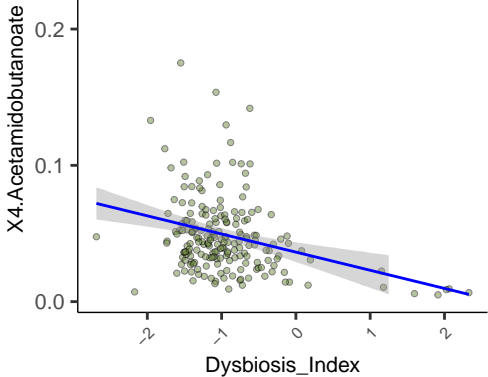
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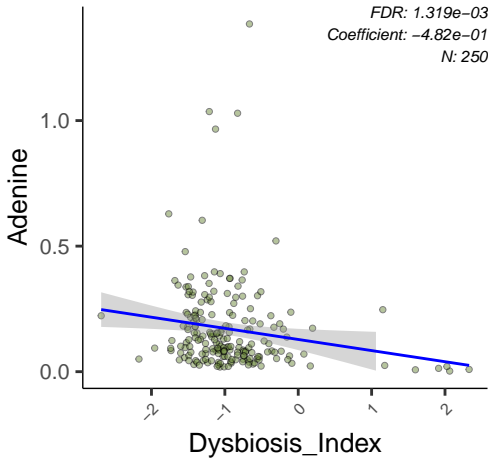
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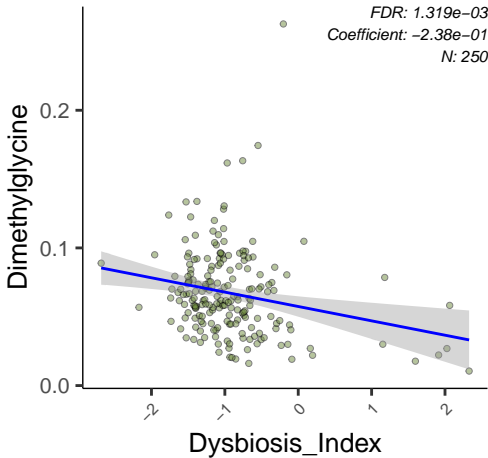
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2

Dysbiosis\_Index





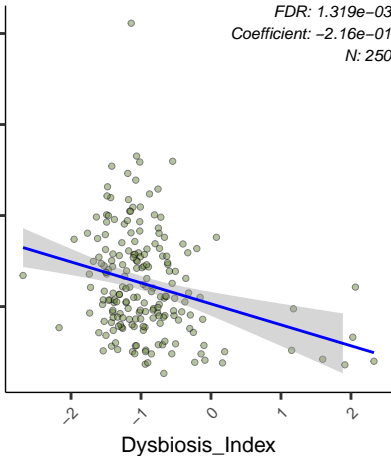


trans.trans.Muconic.acid

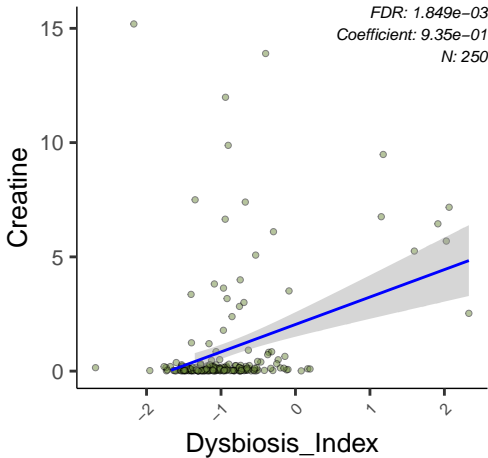
*FDR: 1.319e-03*

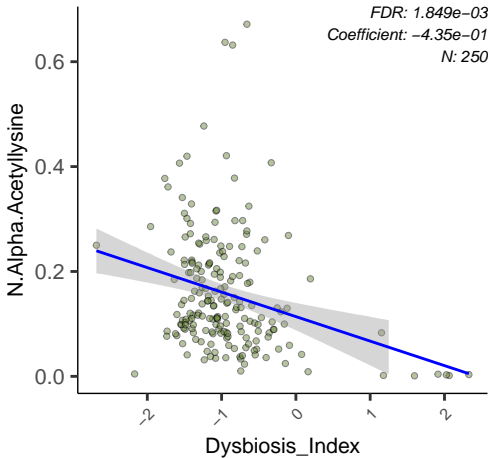
*Coefficient: -2.16e-01*

*N: 250*









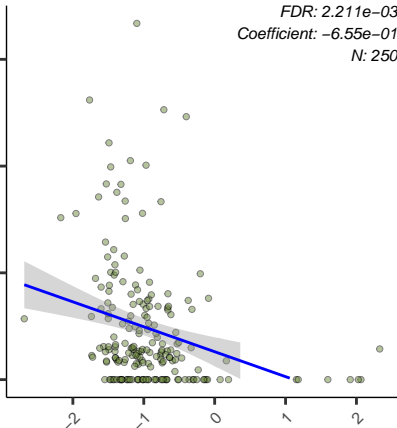
X2.Deoxy.D.Glucose.6.phosphate

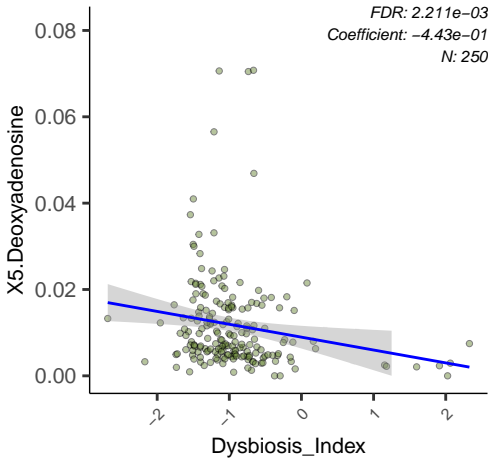
*FDR: 2.211e-03*  
*Coefficient: -6.55e-01*  
*N: 250*

0.006  
0.004  
0.002  
0.000

-2 -1 0 1 2

Dysbiosis\_Index





Thiopurine.S.Methylether

*FDR: 2.527e-03*  
*Coefficient: -2.95e-01*  
*N: 250*

0.15  
0.10  
0.05  
0.00

-2

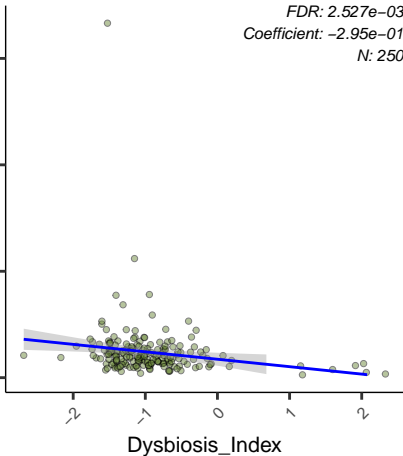
-1

0

1

2

Dysbiosis\_Index



X3.Methyl.2.Oxovalerate

*FDR: 2.560e-03*

*Coefficient: -3.10e-01*

*N: 250*

1.0  
0.5  
0.0

-2

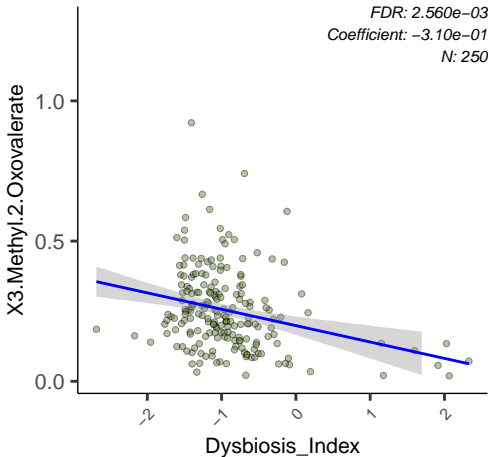
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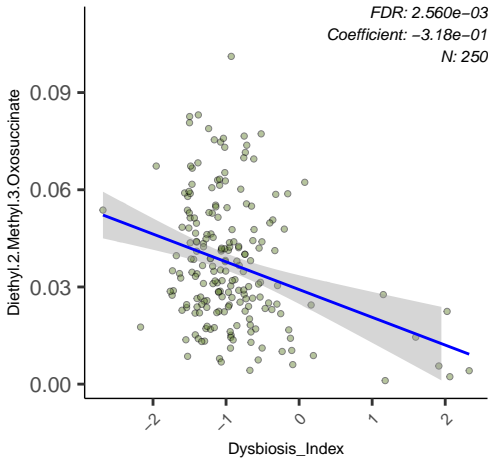
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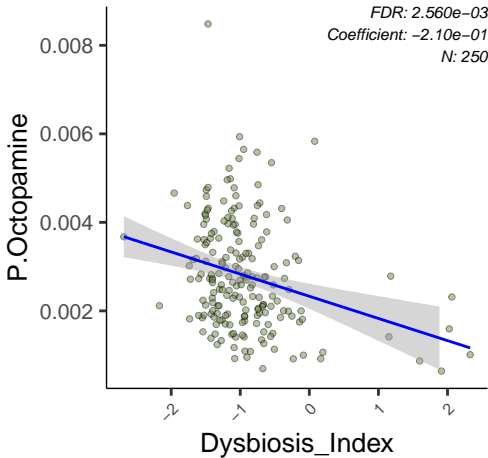
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2

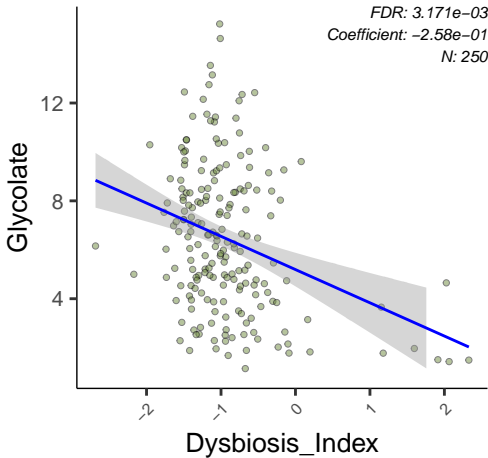
Dysbiosis\_Index

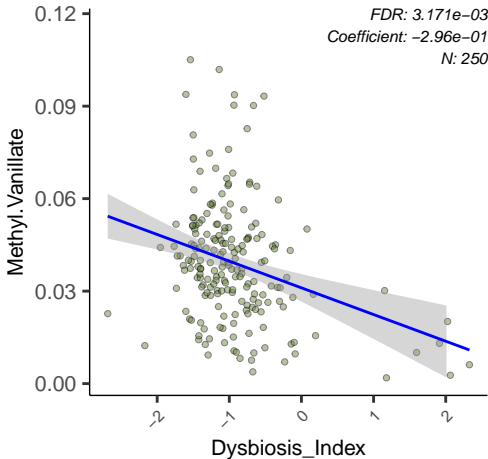


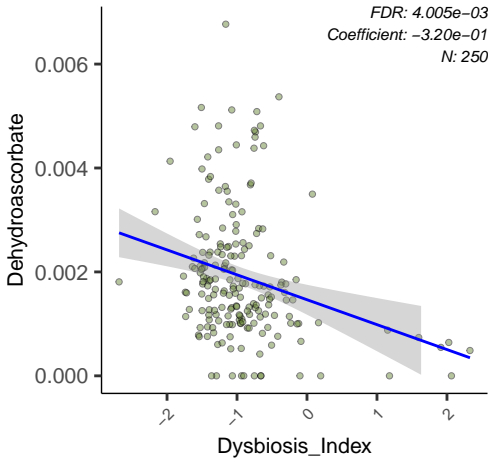


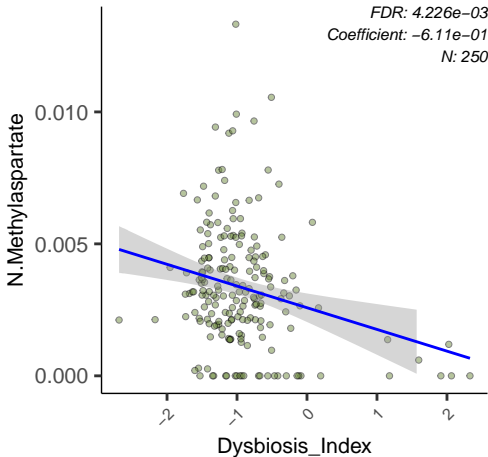


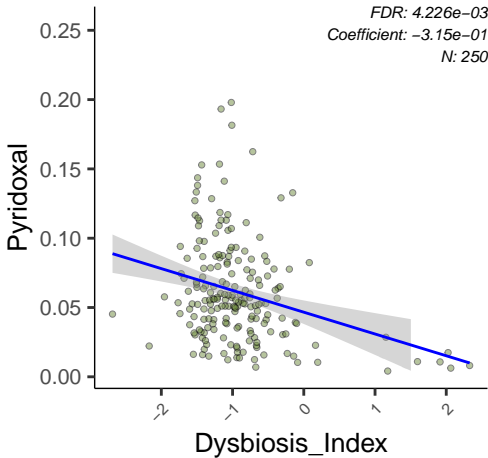


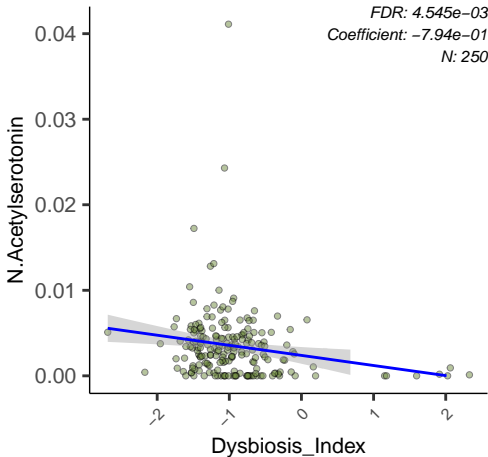


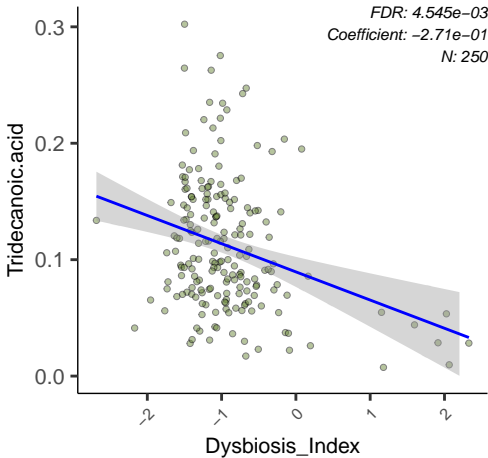












X2.4.Dihydroxypteridine

0.006  
0.004  
0.002  
0.000

-2

-1

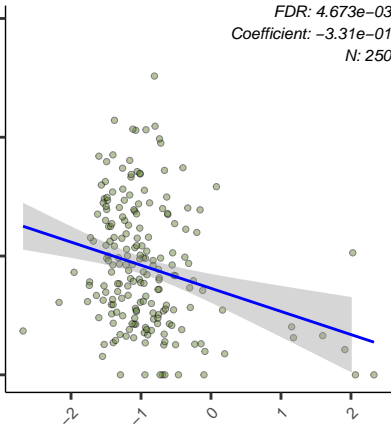
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1

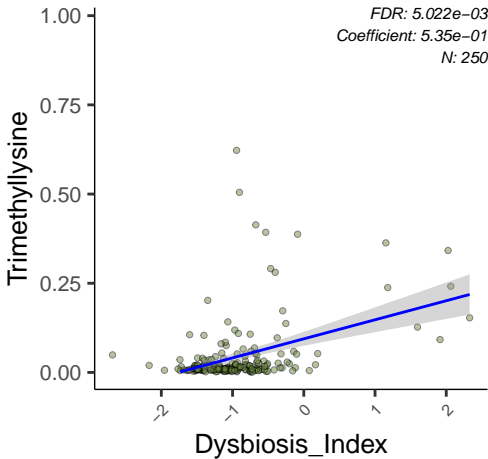
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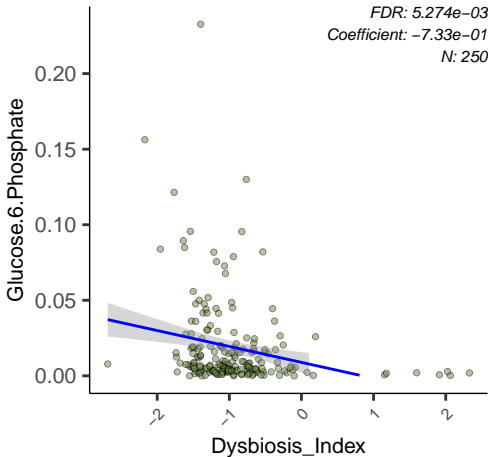
Dysbiosis\_Index

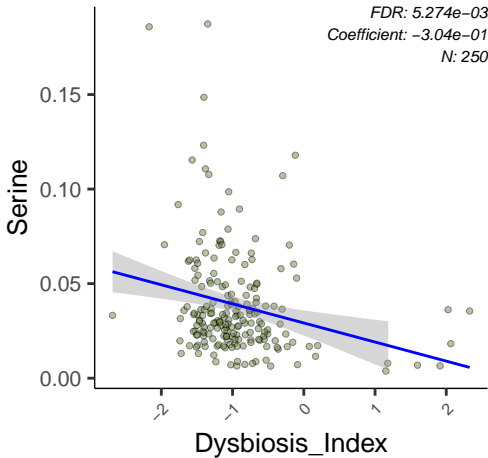
*FDR: 4.673e-03*  
*Coefficient: -3.31e-01*  
*N: 250*

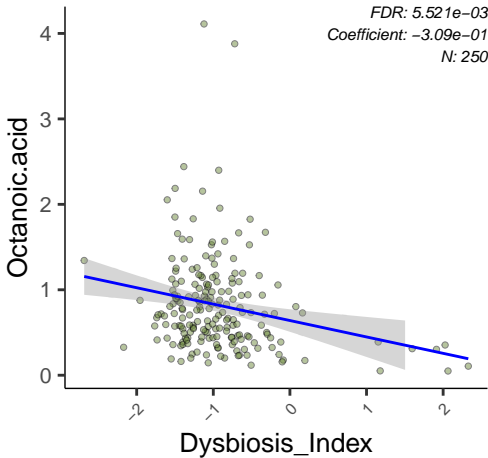












Adenosine.Diphosphate.Ribose

*FDR: 6.024e-03*  
*Coefficient: -6.18e-01*  
*N: 250*

0.03

0.02

0.01

0.00

2

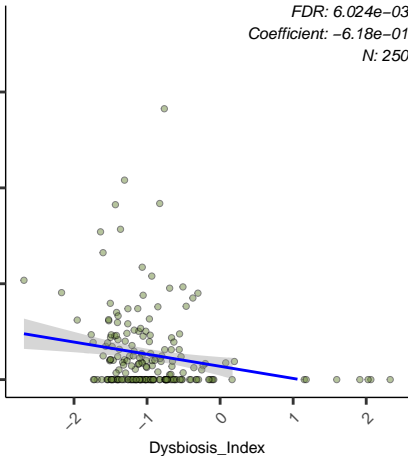
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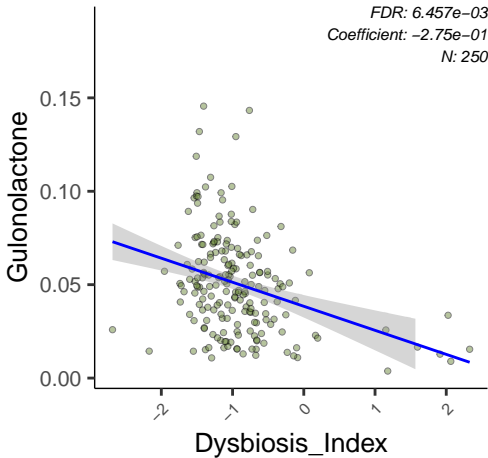
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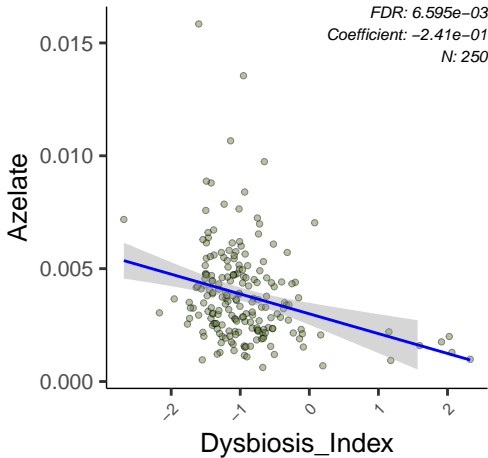
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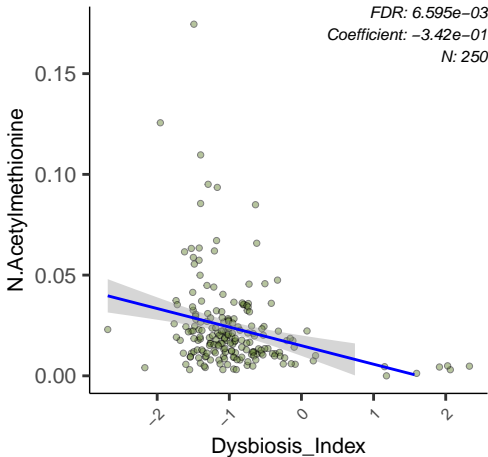
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Dysbiosis\_Index

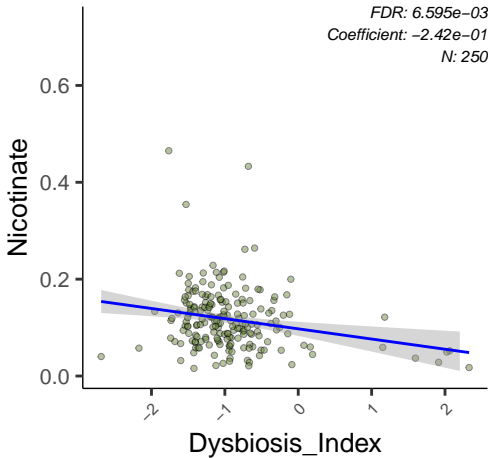












Deoxyguanosine.monophosphate

*FDR: 6.939e-03*  
*Coefficient: -8.41e-01*  
*N: 250*

0.15  
0.10  
0.05  
0.00

2

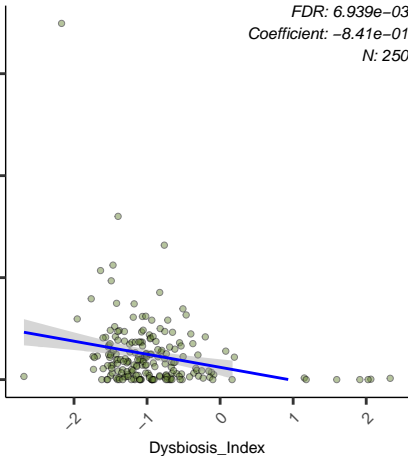
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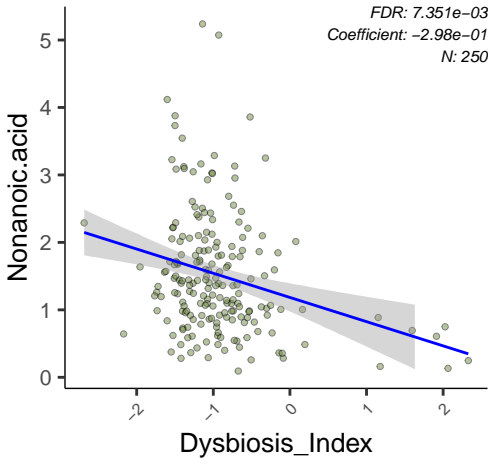
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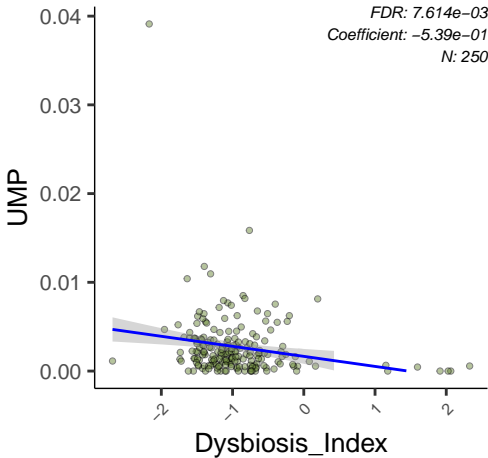
1

2

Dysbiosis\_Index





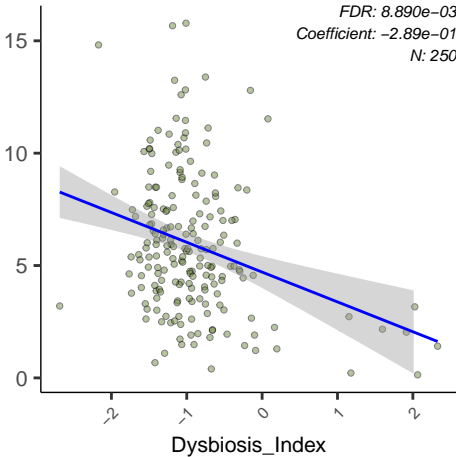


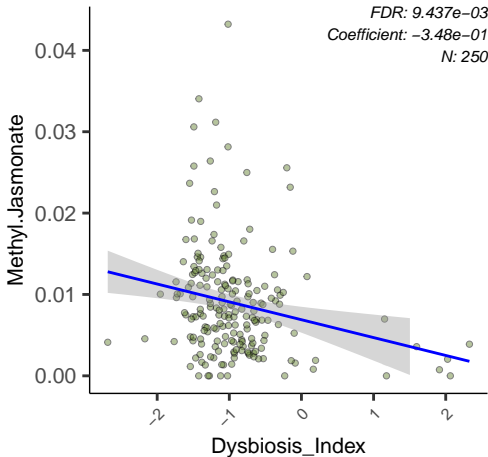
X3.Hydroxybenzaldehyde

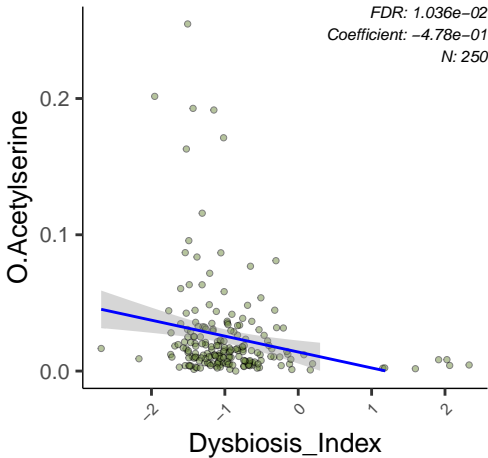
*FDR: 8.890e-03*

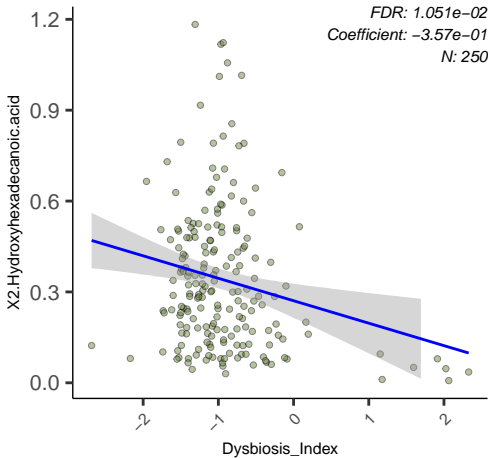
*Coefficient: -2.89e-01*

*N: 250*

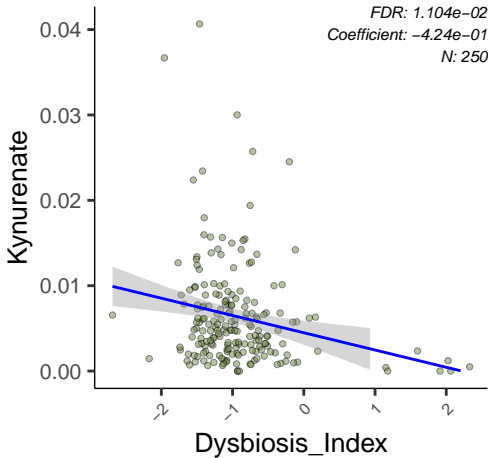


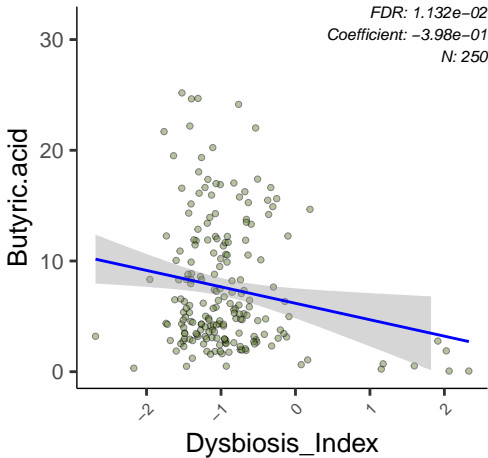


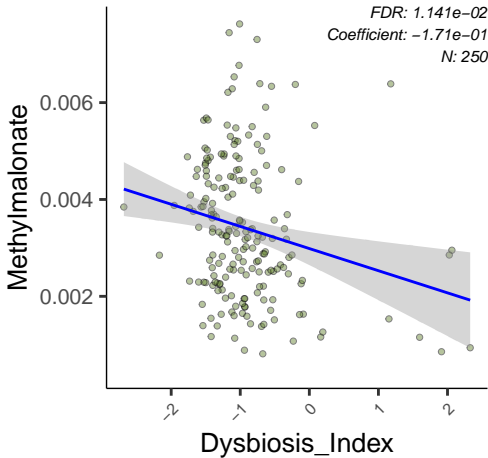


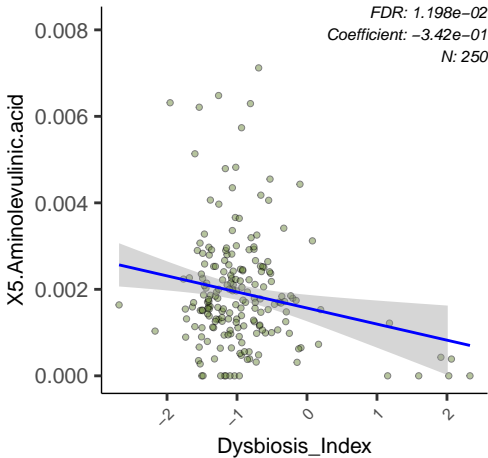


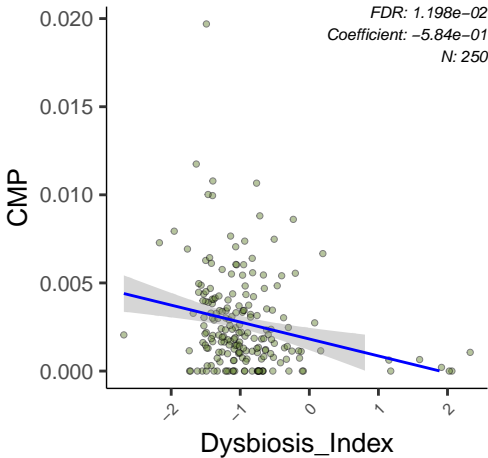


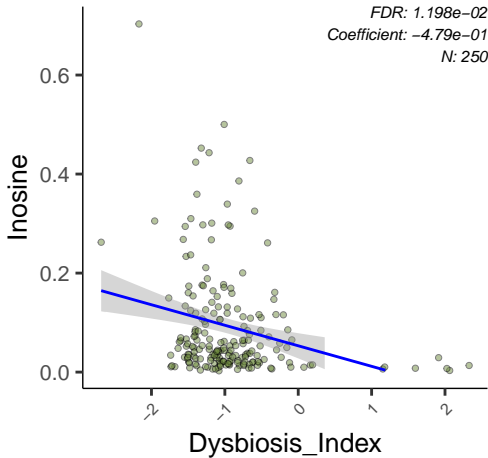


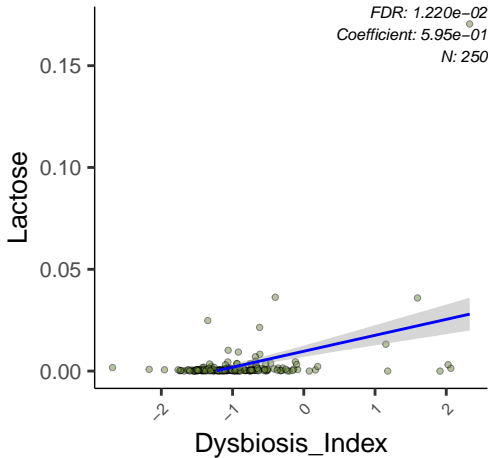












X3.Hydroxyoctanoic.acid

*FDR: 1.315e-02*  
*Coefficient: -2.20e-01*  
*N: 250*

0.15  
0.10  
0.05  
0.00

-2

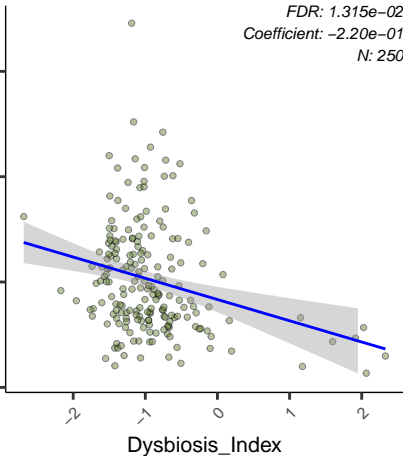
-1

0

1

2

Dysbiosis\_Index





Galactose.1.Phosphate

*FDR: 1.315e-02*  
*Coefficient: -8.13e-01*  
*N: 250*

0.04  
0.02  
0.00

2

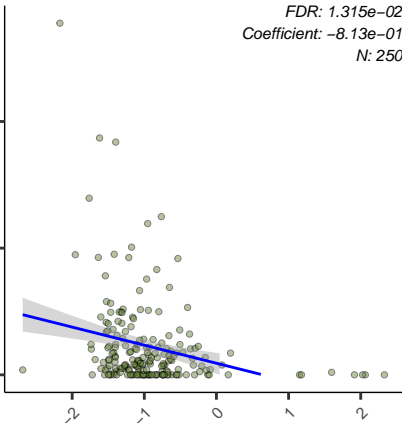
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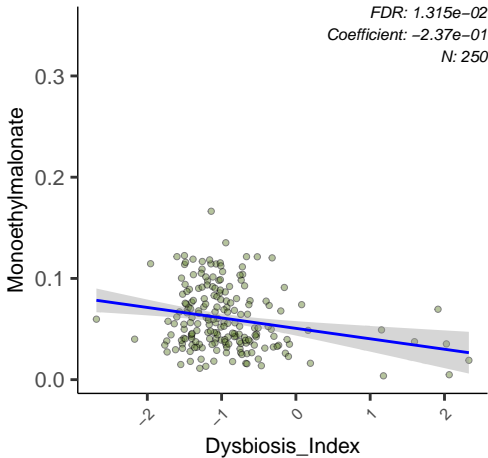
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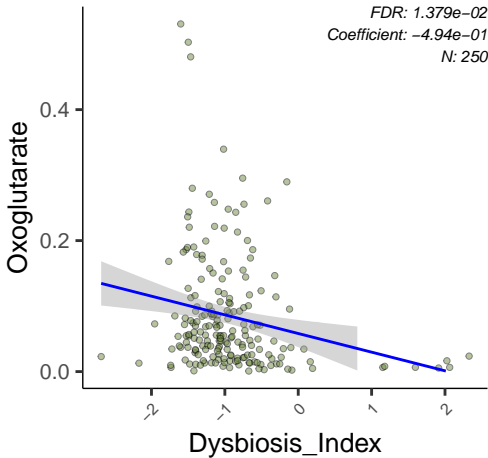
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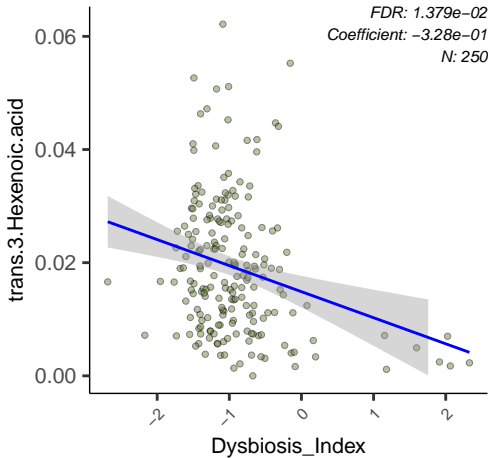
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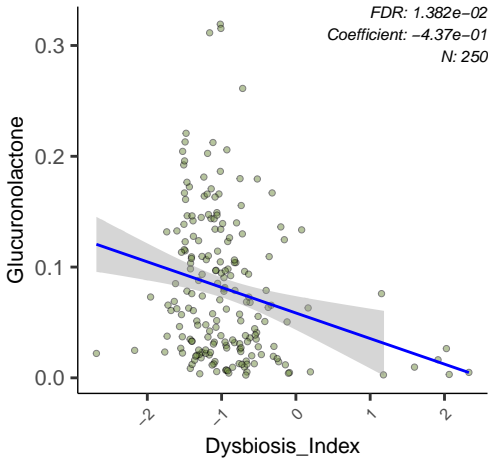
Dysbiosis\_Index

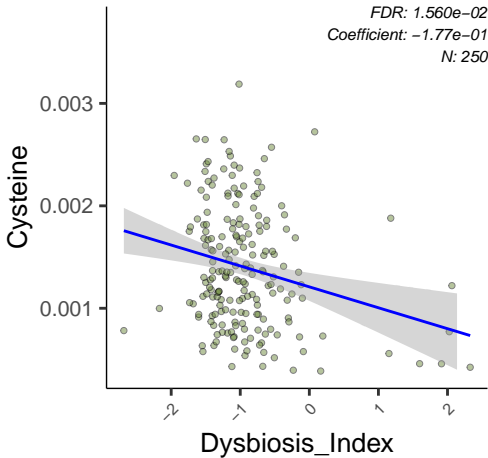


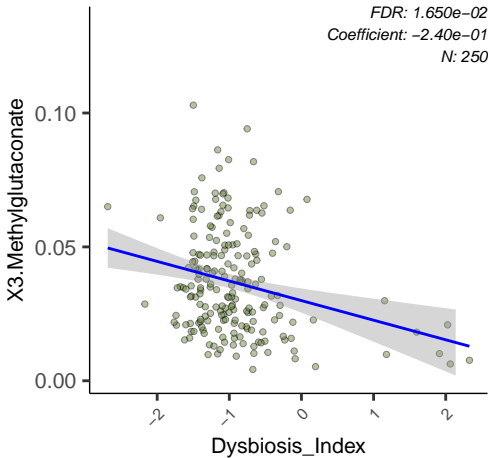


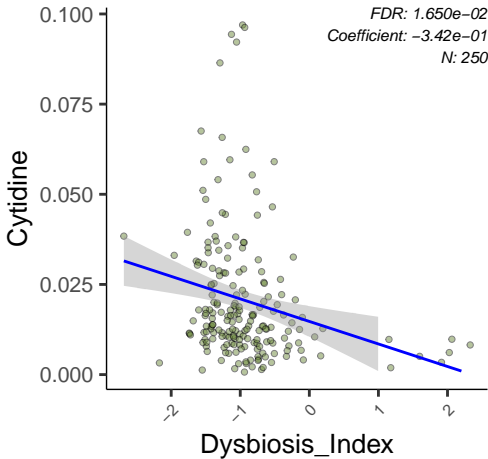




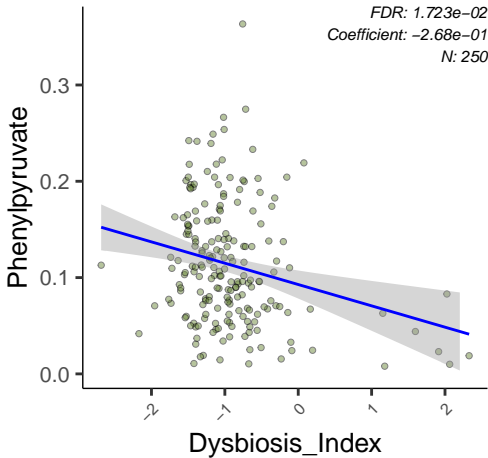




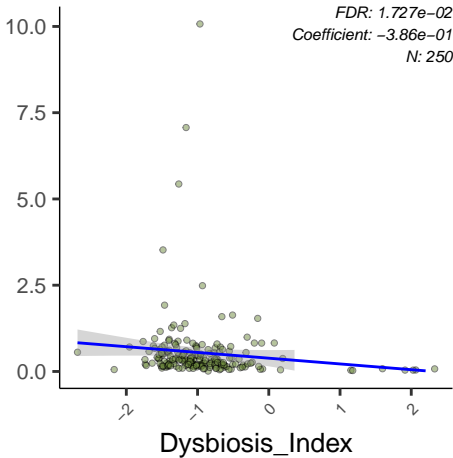


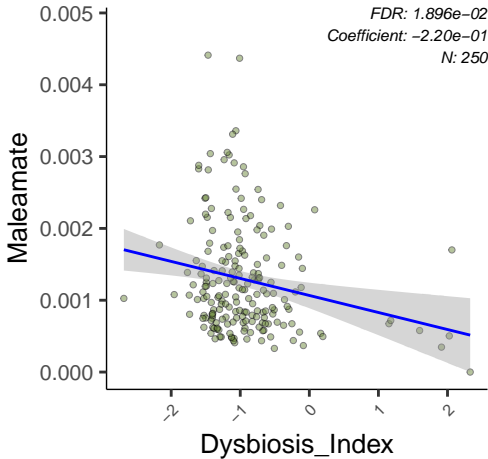


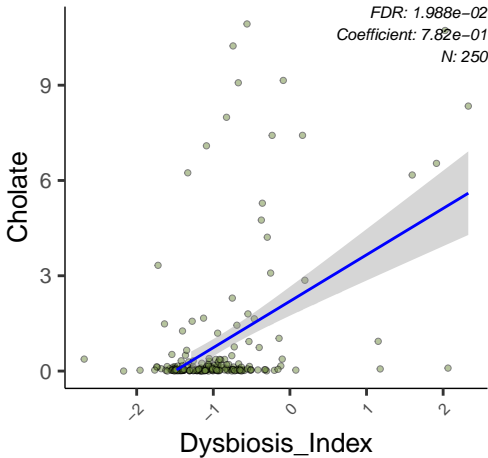


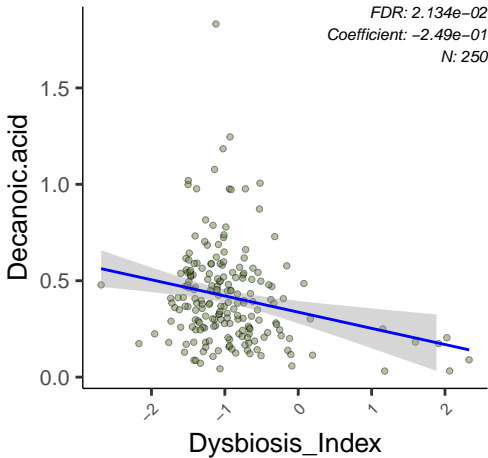


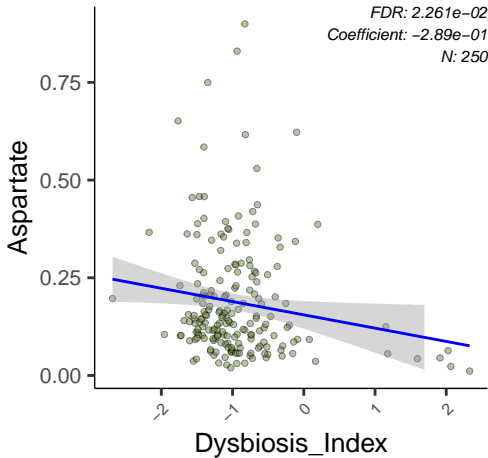
Stachydrine











X10.Hydroxydecanoic.acid

*FDR: 2.349e-02*  
*Coefficient: -2.89e-01*  
*N: 250*

0.08  
0.06  
0.04  
0.02  
0.00

-2

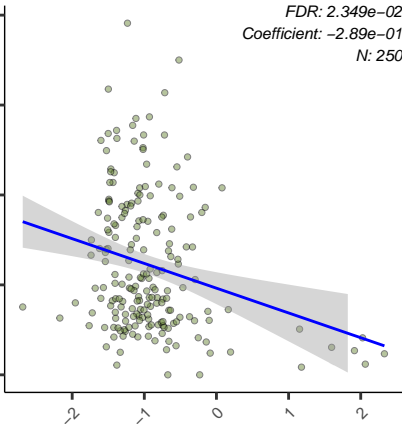
-1

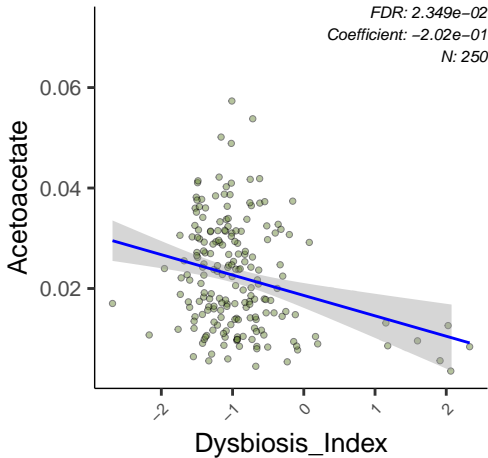
0

1

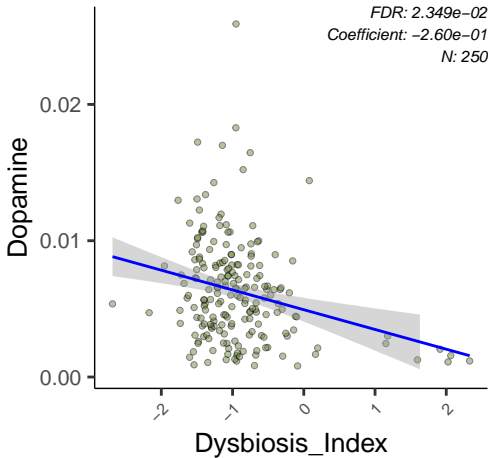
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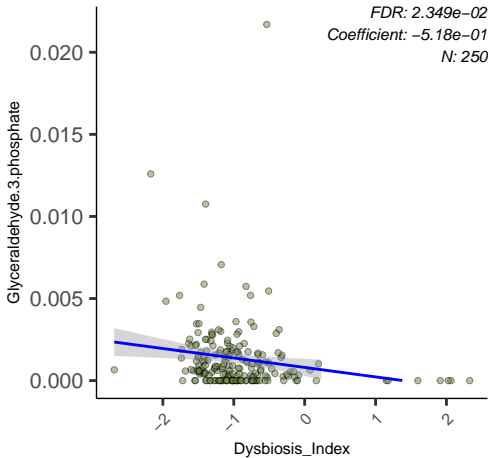
Dysbiosis\_Index

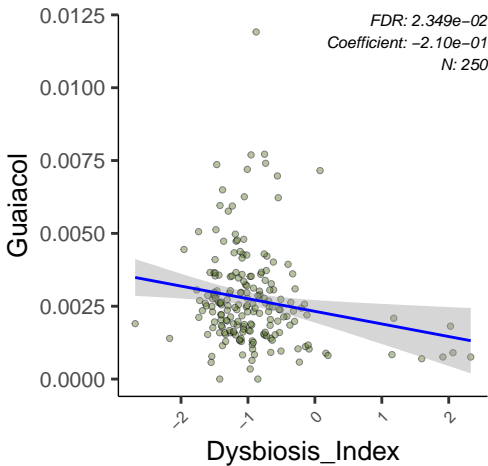


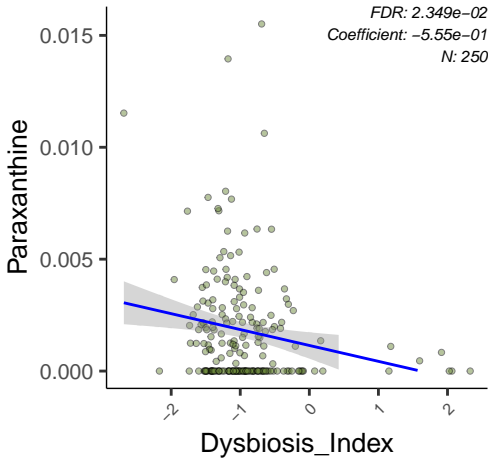


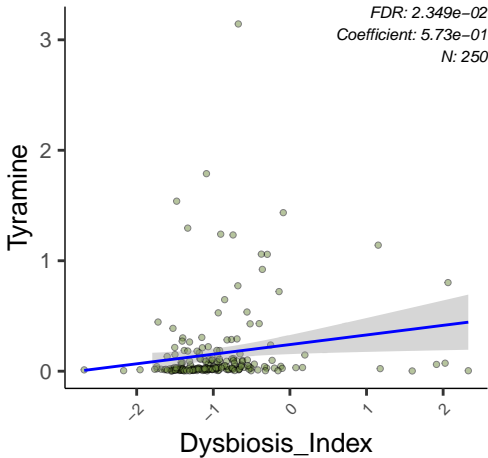












N.Acetyl.L.Aspartic.Acid

*FDR: 2.401e-02*

*Coefficient: -3.50e-01*

*N: 250*

1.00  
0.75  
0.50  
0.25  
0.00

-2

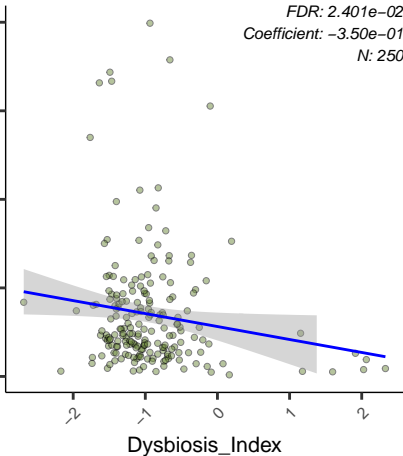
-1

0

1

2

Dysbiosis\_Index



X3.Hydroxybenzyl.Alcohol

FDR: 2.489e-02

Coefficient: -2.32e-01

N: 250

0.15

0.10

0.05

0.00

-2

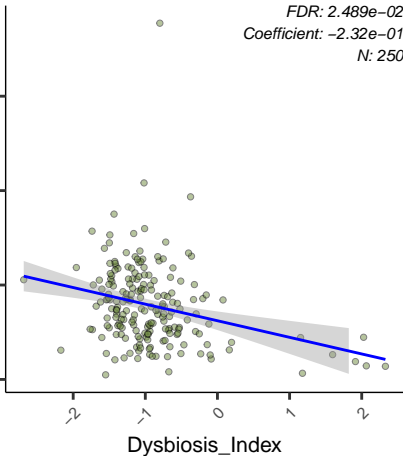
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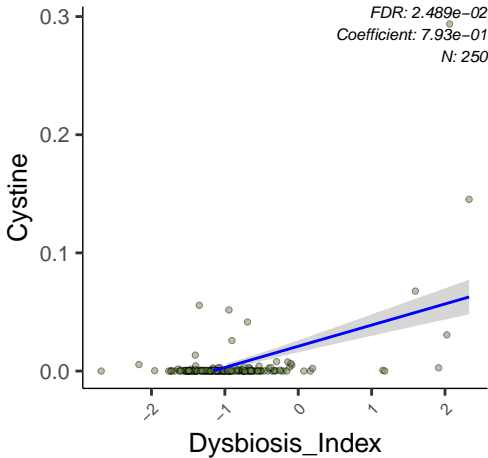
0

1

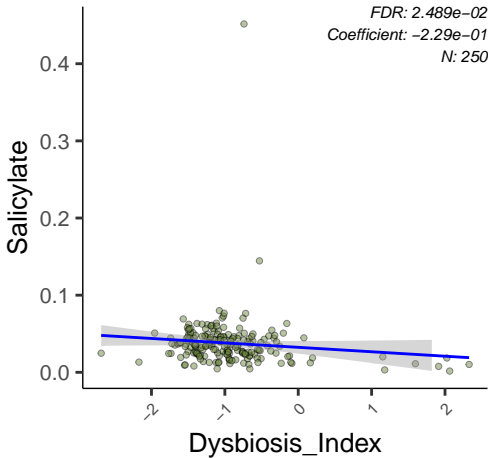
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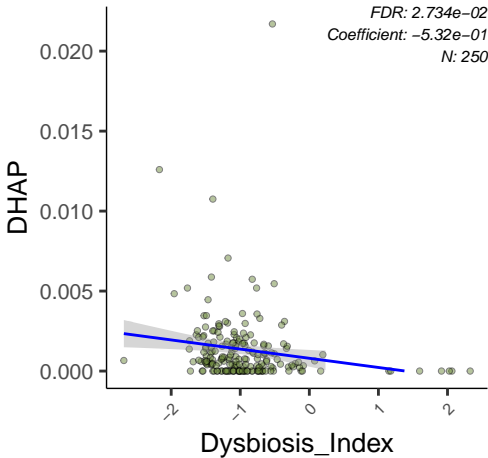
Dysbiosis\_Index

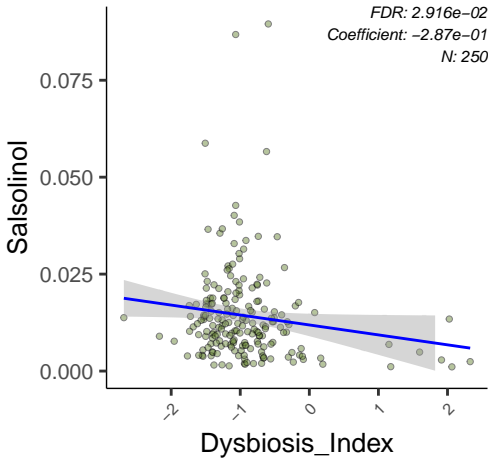


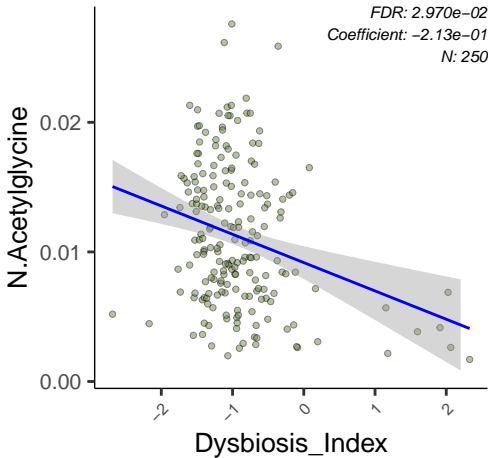


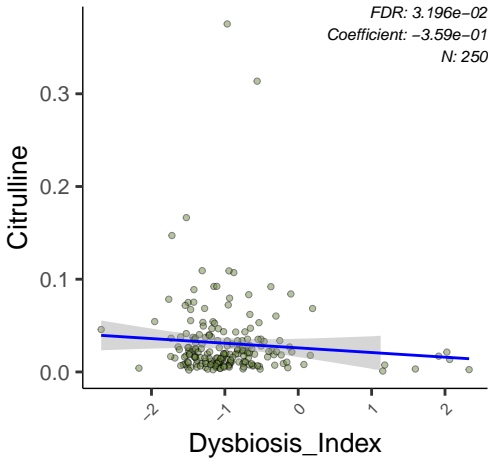


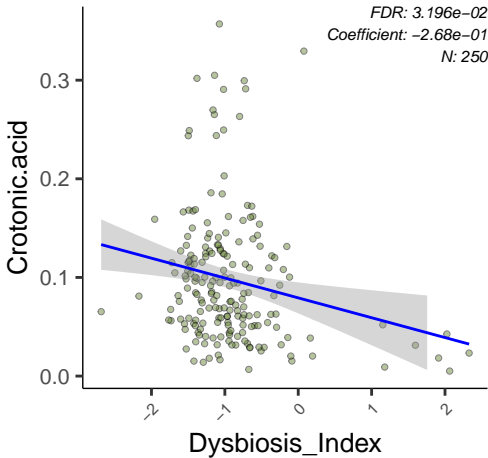


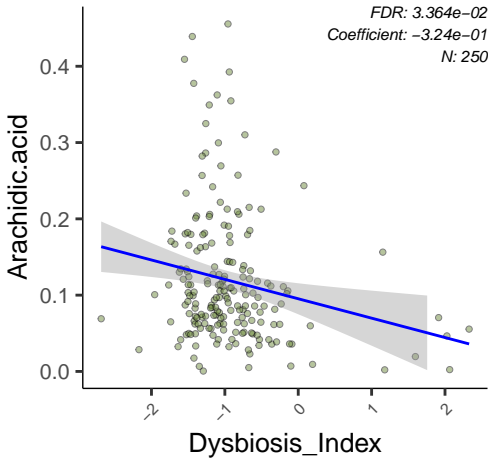


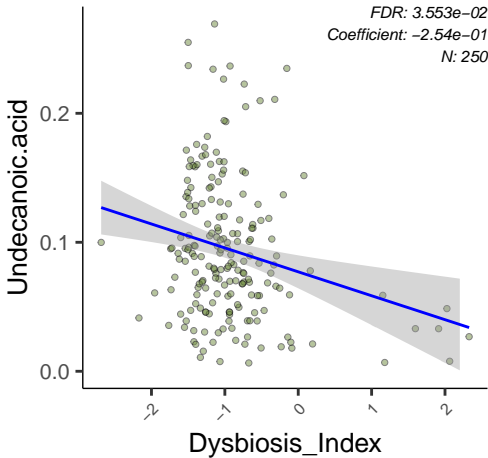




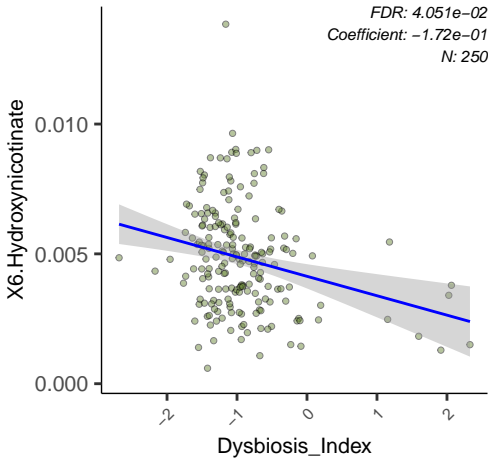


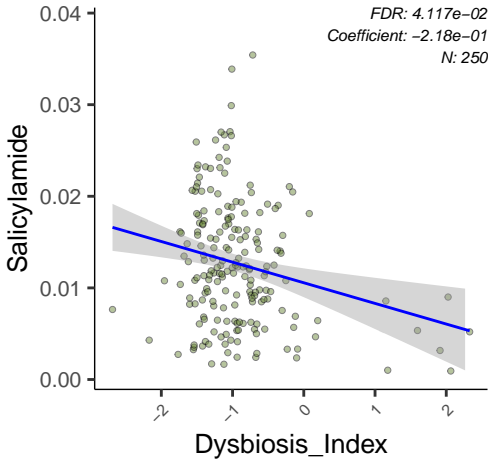


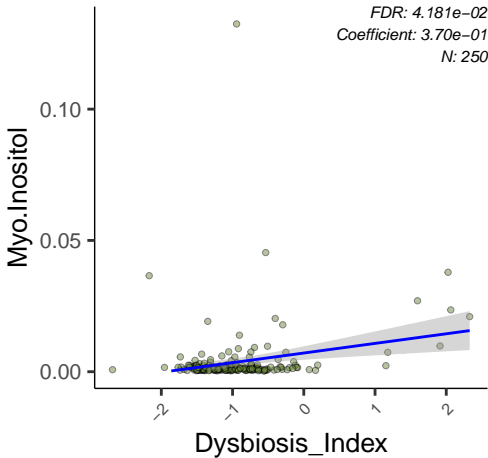


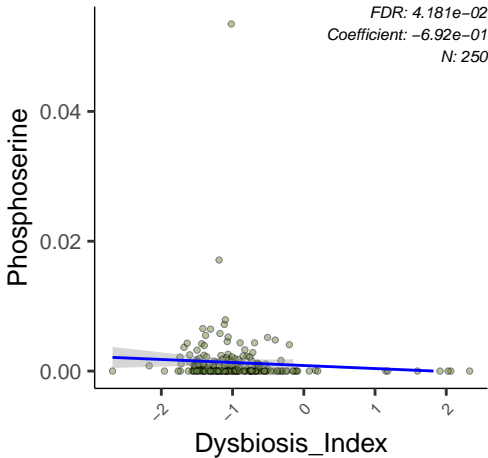


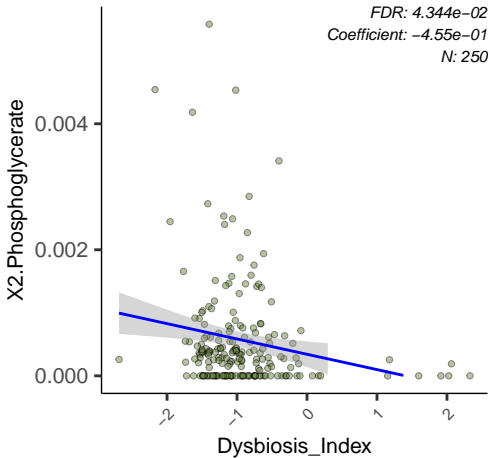


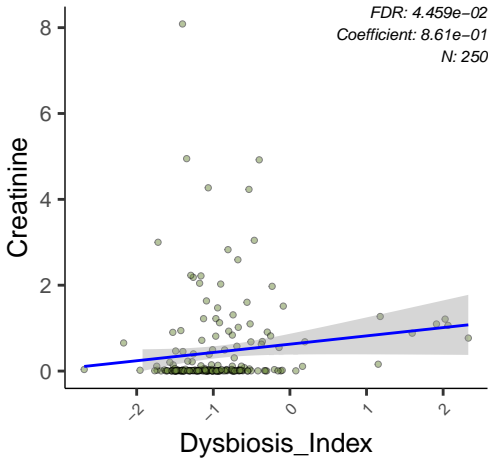


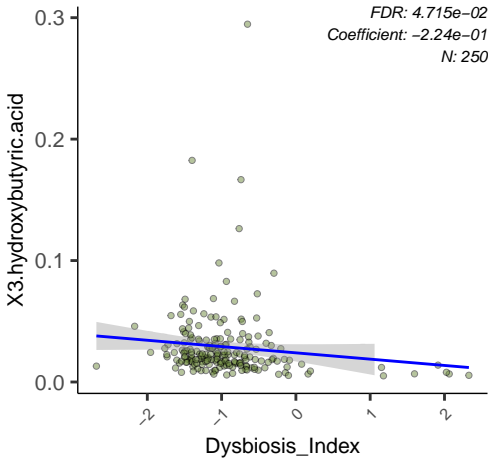












X2.3.Dihydroxybenzoate

*FDR: 4.806e-02*  
*Coefficient: -2.81e-01*  
*N: 250*

0.15  
0.10  
0.05  
0.00

-2

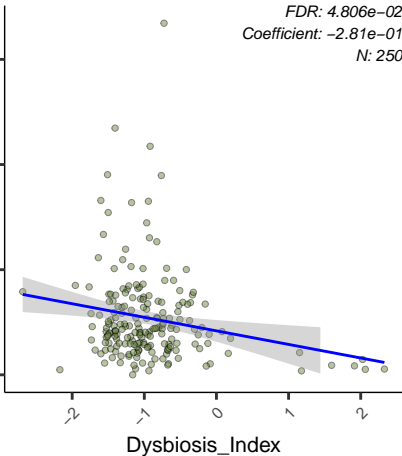
-1

0

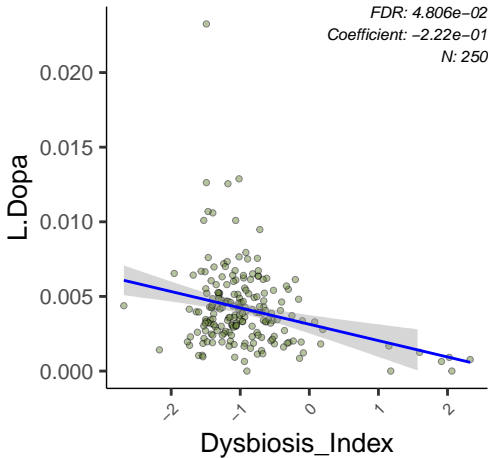
1

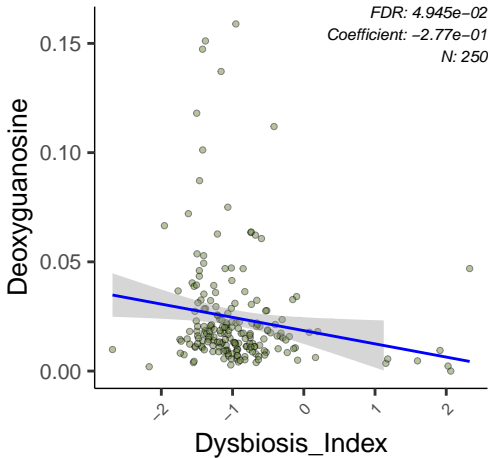
2

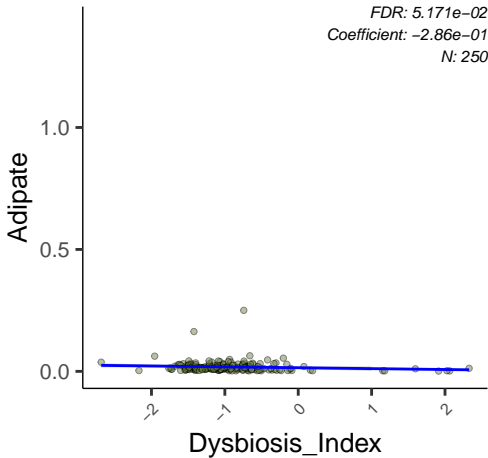
Dysbiosis\_Index

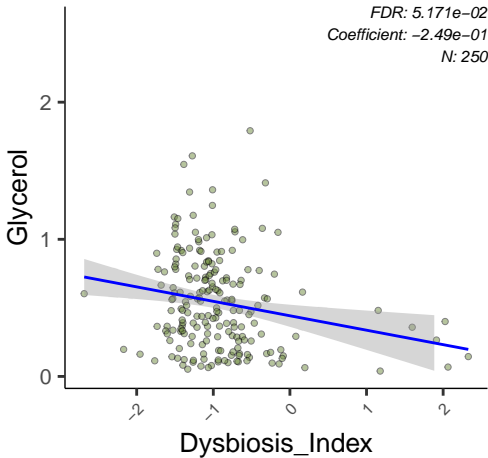


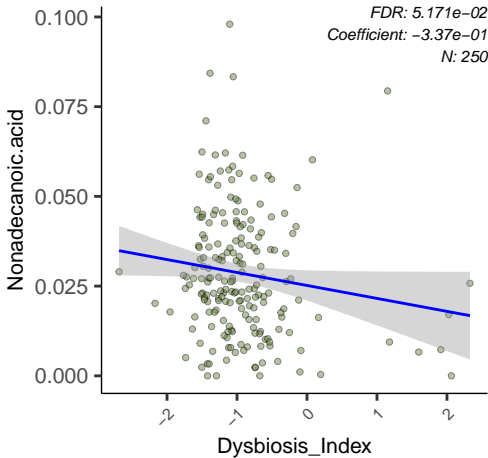


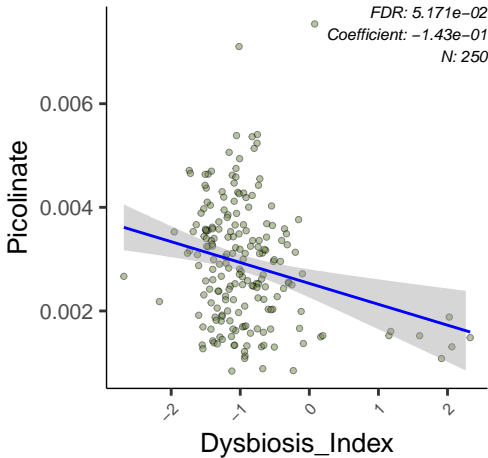


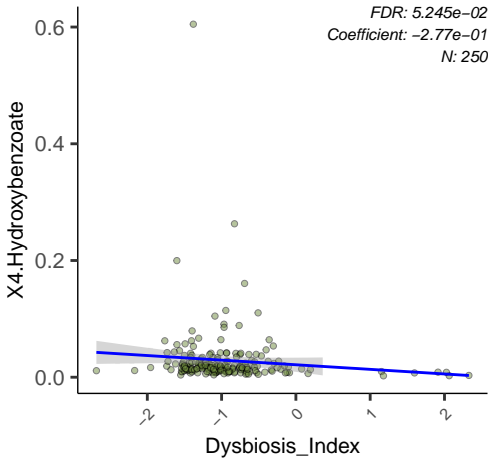


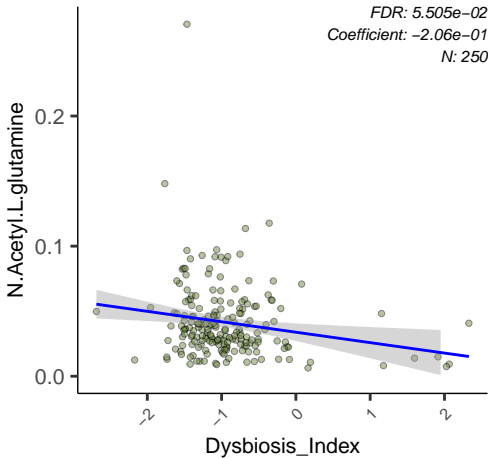




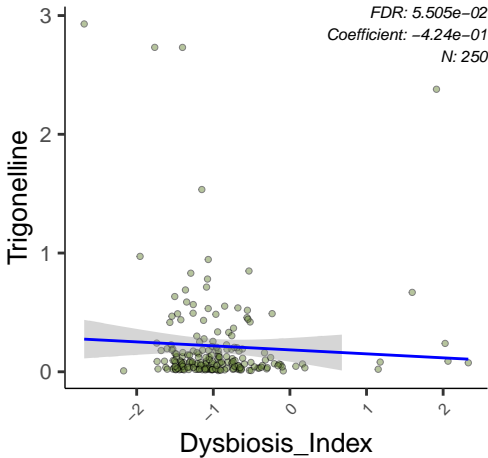


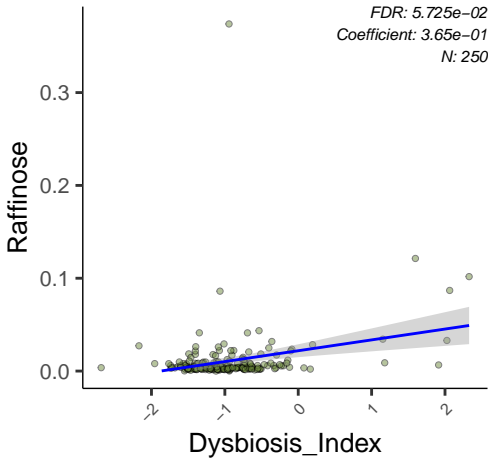


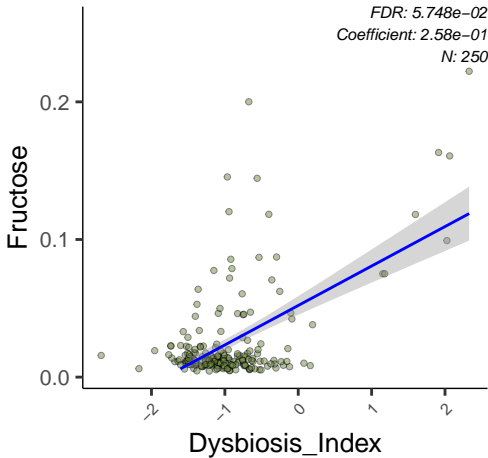












Norepinephrine

*FDR: 5.748e-02*

*Coefficient: -2.98e-01*

*N: 250*

0.015

0.010

0.005

0.000

-2

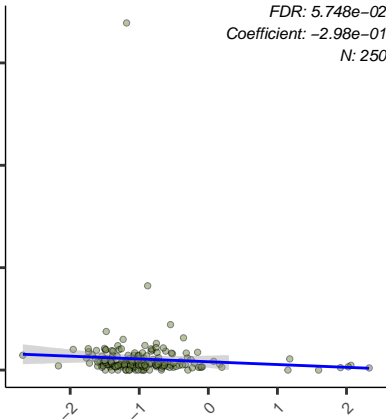
-1

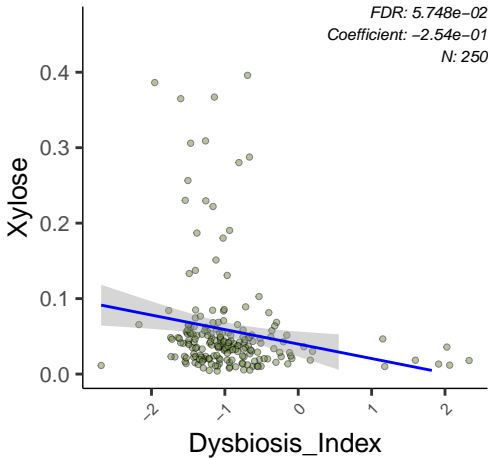
0

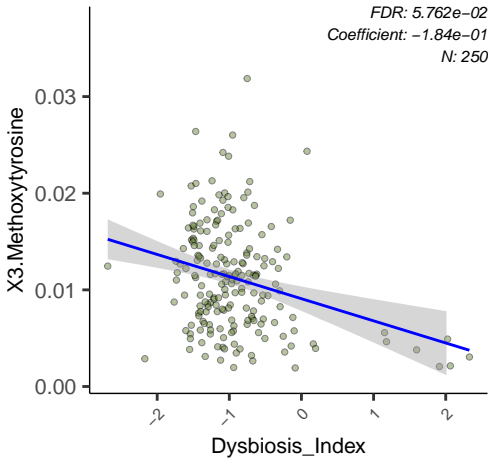
1

2

Dysbiosis\_Index





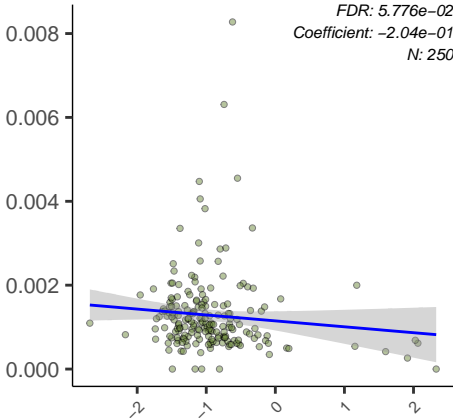


Maleimide

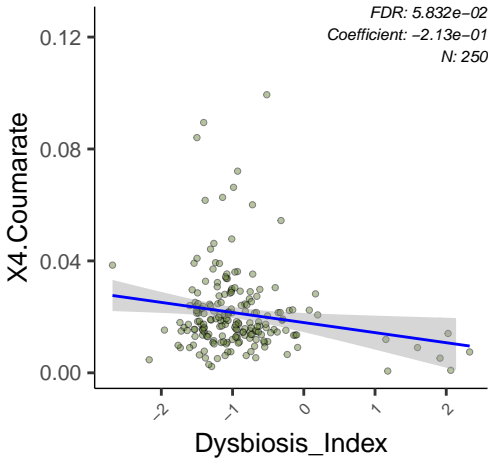
*FDR: 5.776e-02*

*Coefficient: -2.04e-01*

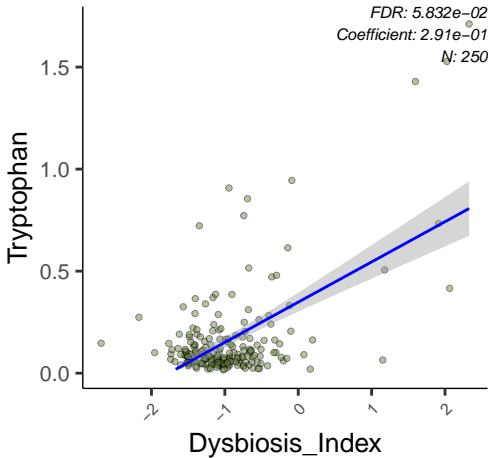
*N: 250*



Dysbiosis\_Index







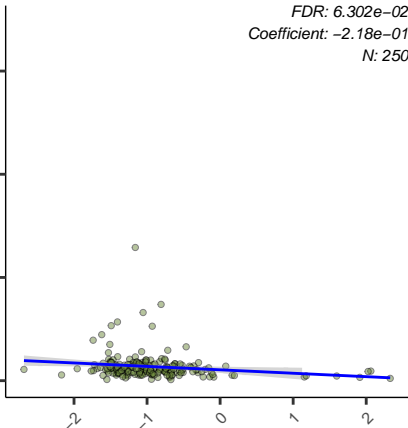
X3.Amino.4.Hydroxybenzoate

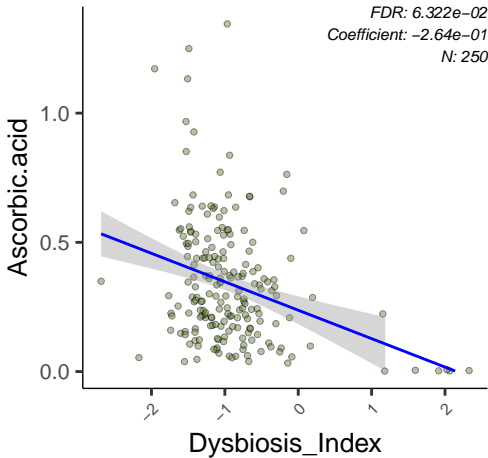
FDR:  $6.302e-02$   
Coefficient:  $-2.18e-01$   
N: 250

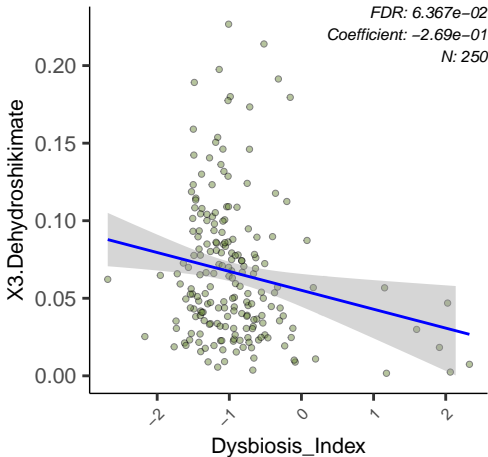
0.06  
0.04  
0.02  
0.00

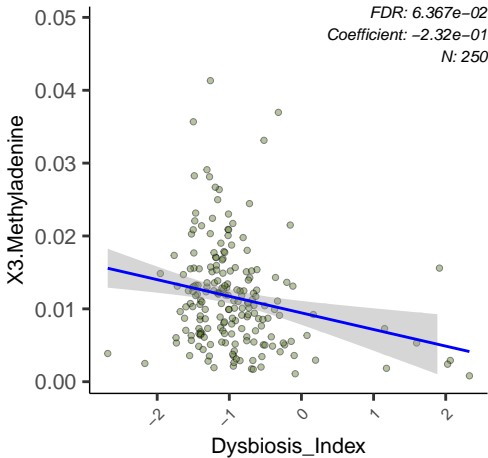
-2 -1 0 1 2

Dysbiosis\_Index









Glucosamine.6.Phosphate

*FDR: 6.367e-02*

*Coefficient: -6.76e-01*

*N: 250*

0.009

0.006

0.003

0.000

-2

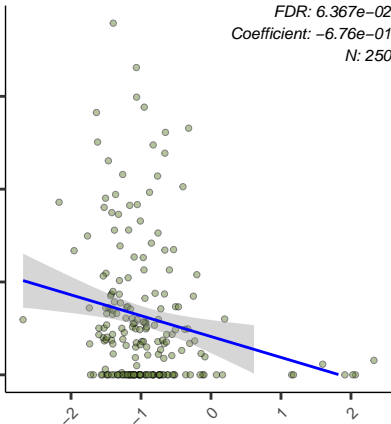
-1

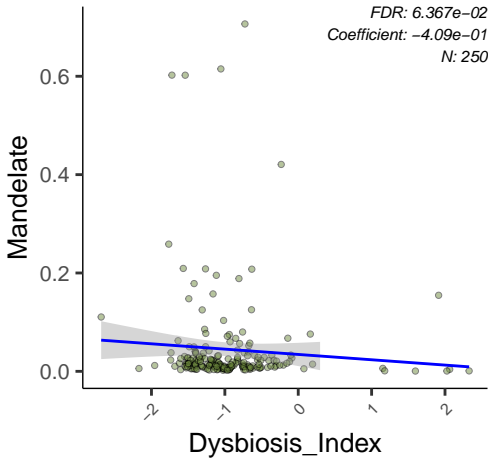
0

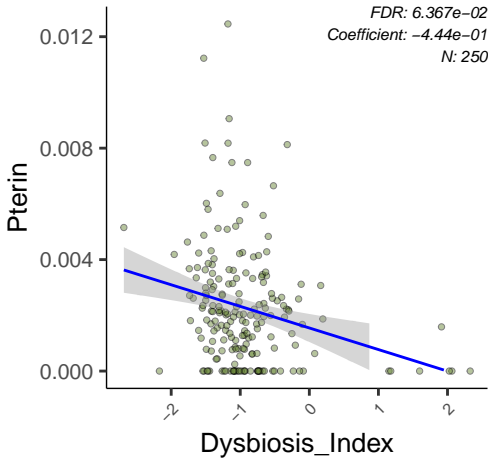
1

2

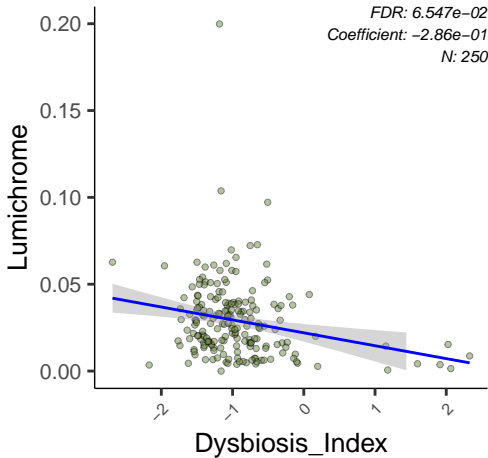
Dysbiosis\_Index

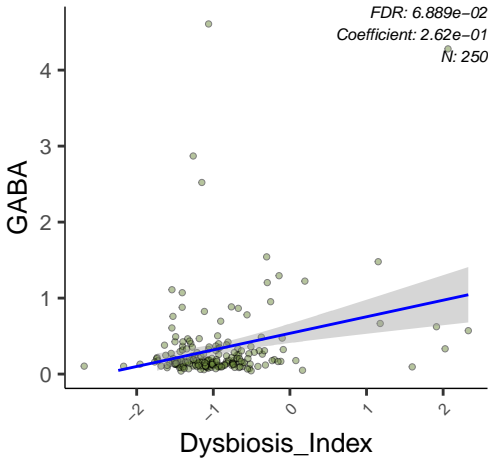


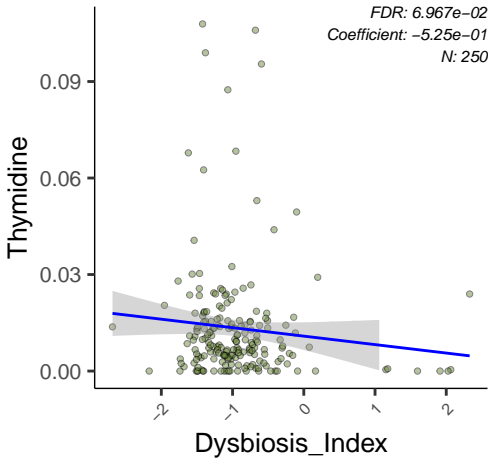












Omega.Hydroxydodecanoate

FDR:  $7.214e-02$

Coefficient:  $-3.34e-01$

N: 250

0.06

0.04

0.02

0.00

-2

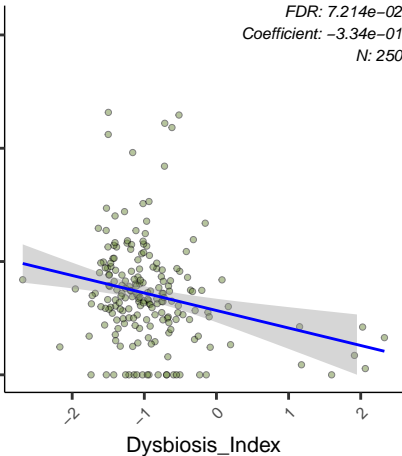
-1

0

1

2

Dysbiosis\_Index



Farnesyl.pyrophosphate

*FDR: 7.260e-02*  
*Coefficient: -6.09e-01*  
*N: 250*

0.06  
0.04  
0.02  
0.00

-2

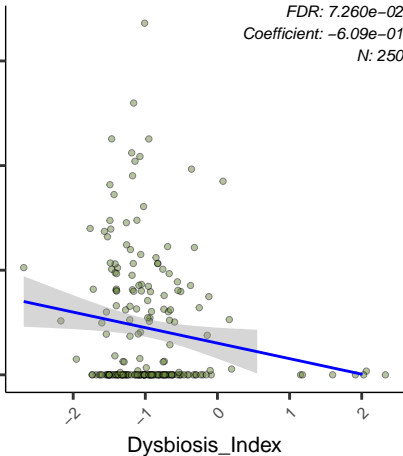
-1

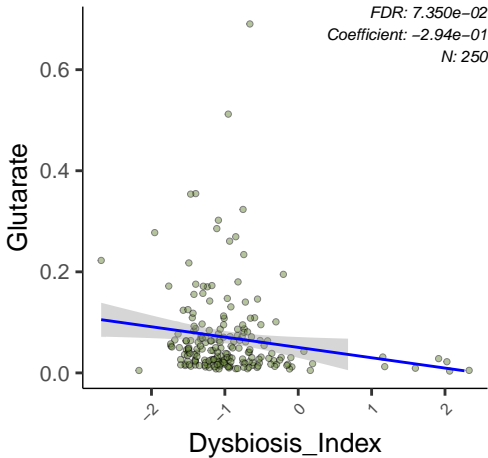
0

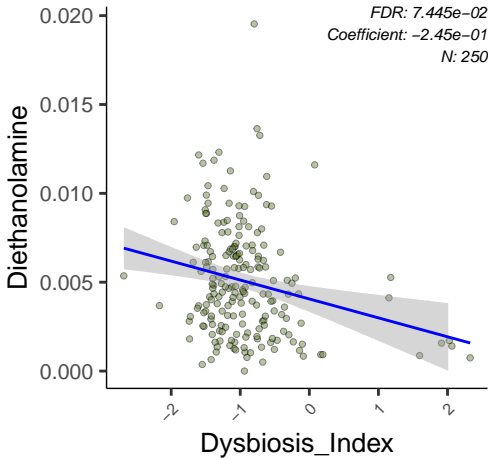
1

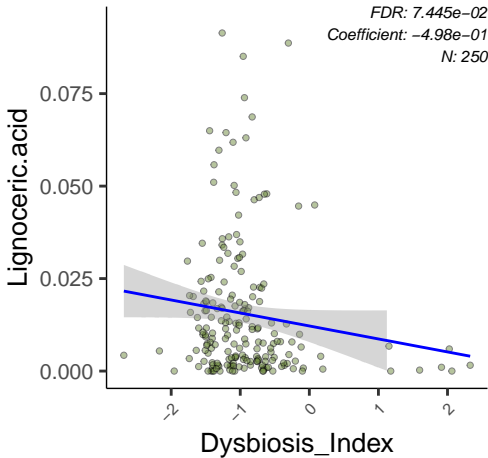
2

Dysbiosis\_Index

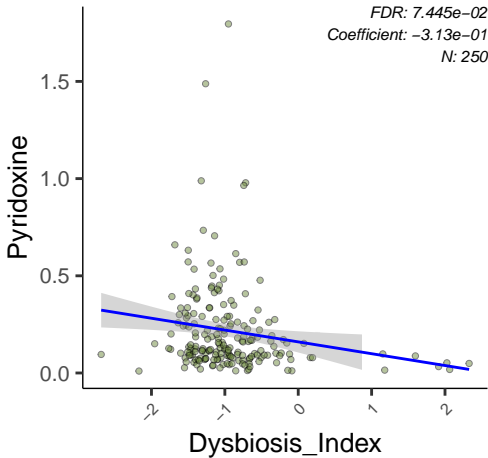


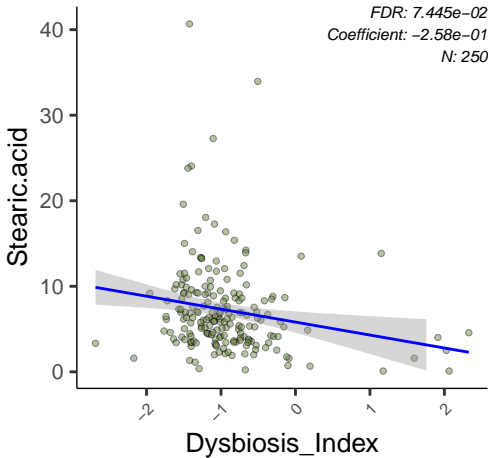




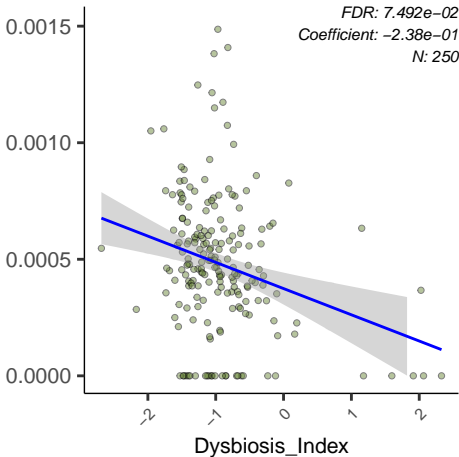


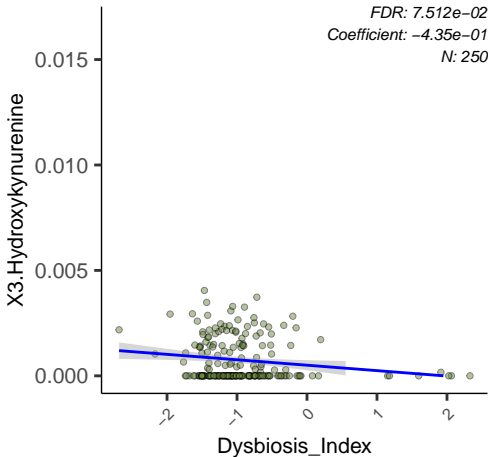


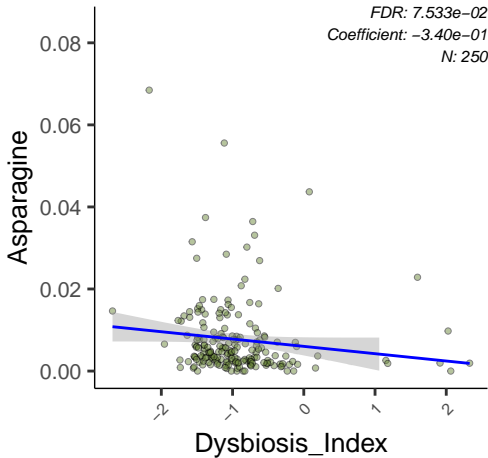


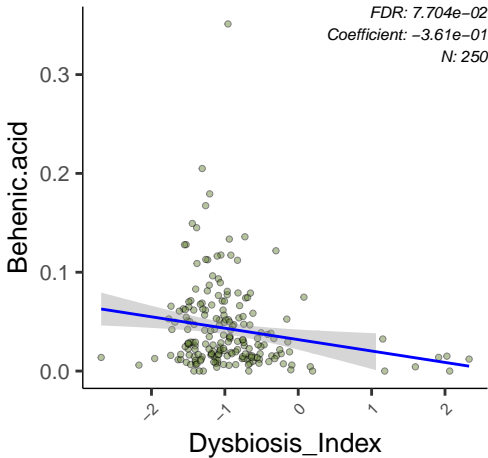


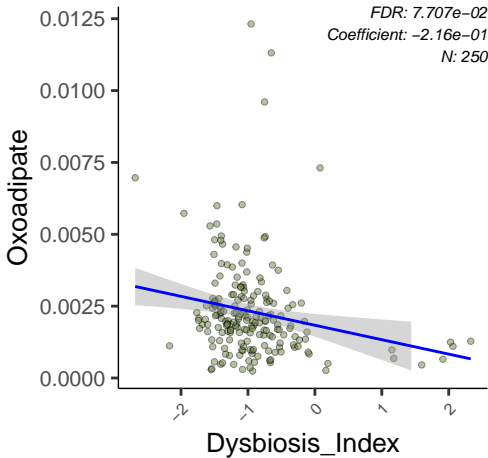
X3.4.Dihydroxybenzoate

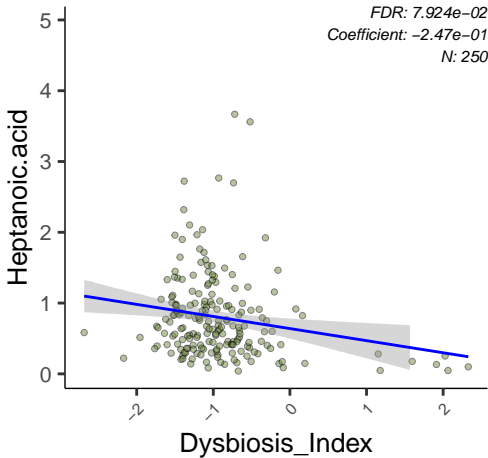




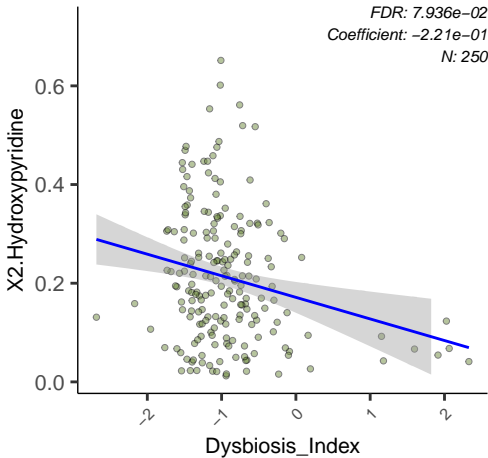


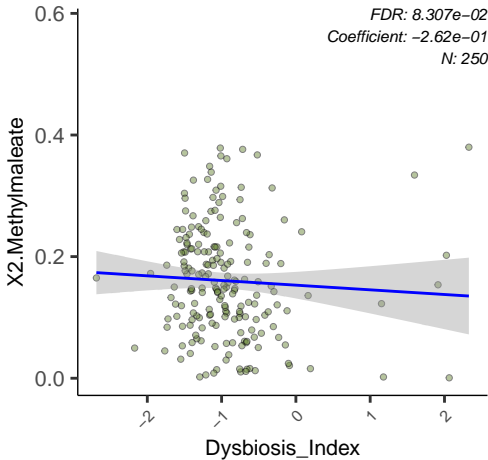


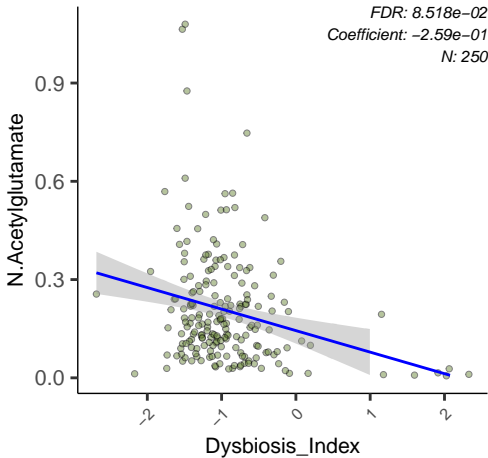


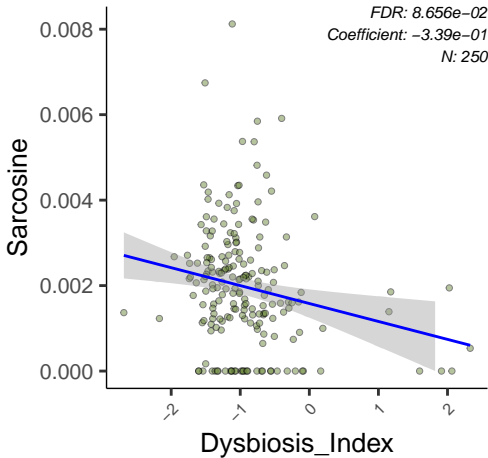


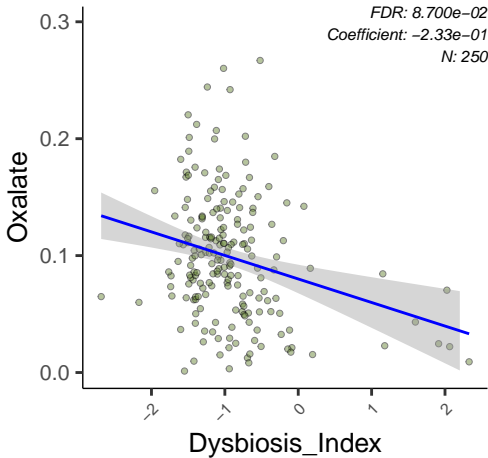


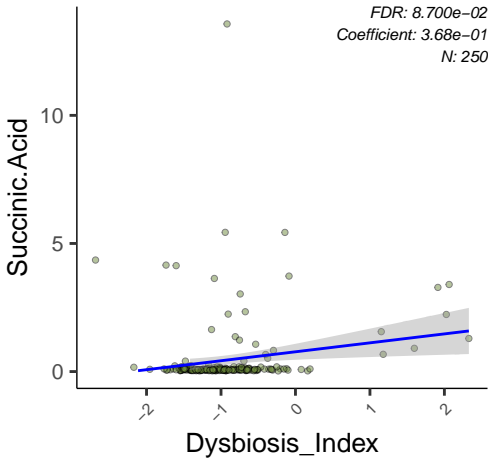












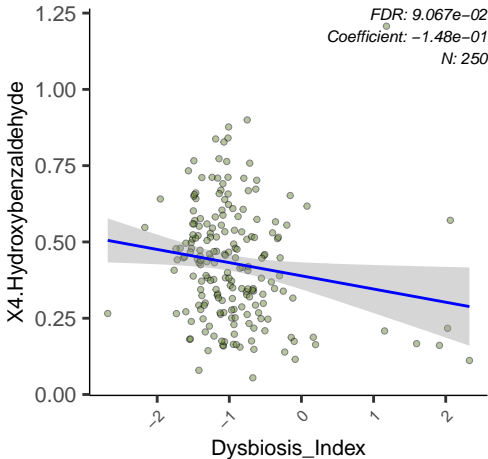
X4.Hydroxybenzaldehyde

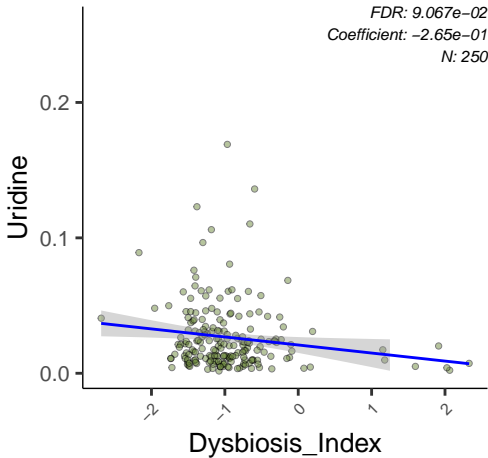
1.25  
1.00  
0.75  
0.50  
0.25  
0.00

*FDR: 9.067e-02*  
*Coefficient: -1.48e-01*  
*N: 250*

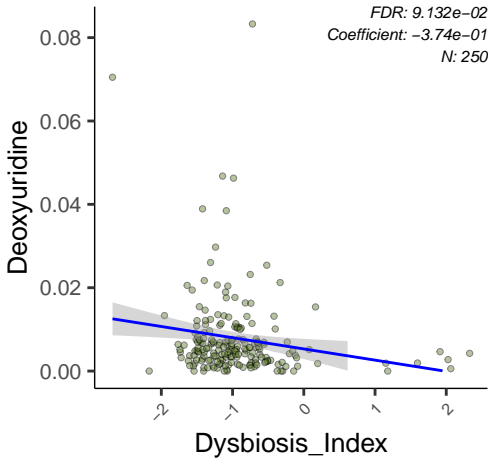
-2 -1 0 1 2

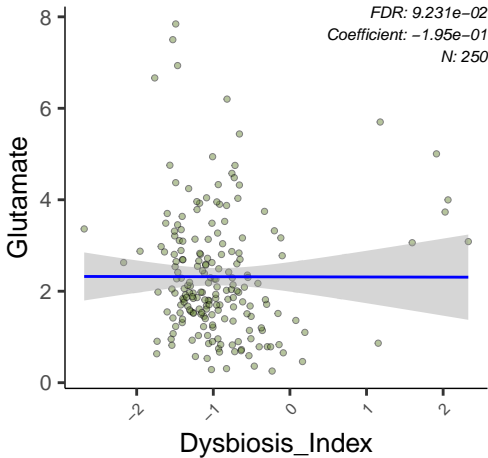
Dysbiosis\_Index

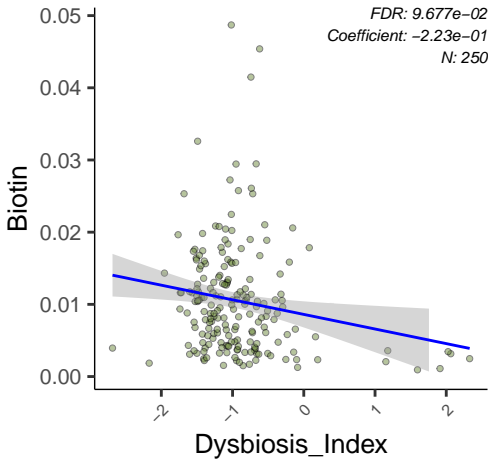


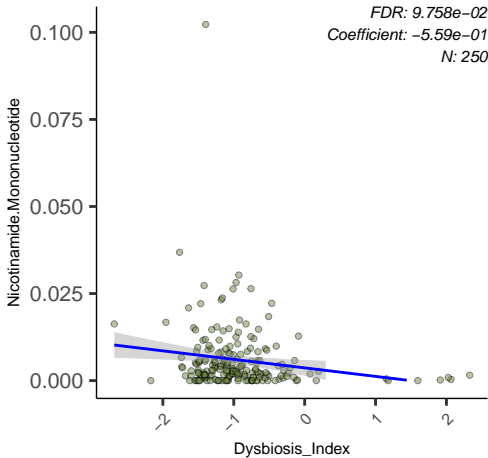












X5.Hydroxymethyluracil

0.008  
0.006  
0.004  
0.002  
0.000

*FDR: 9.840e-02*  
*Coefficient: -2.46e-01*  
*N: 250*

-2

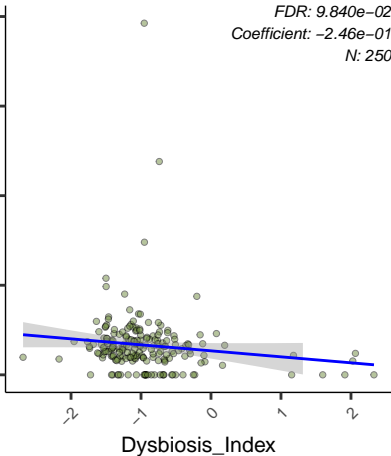
-1

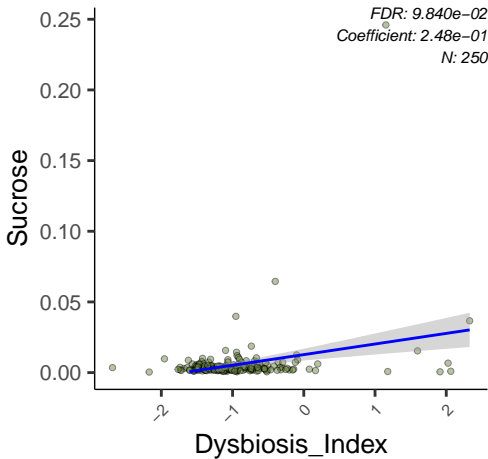
0

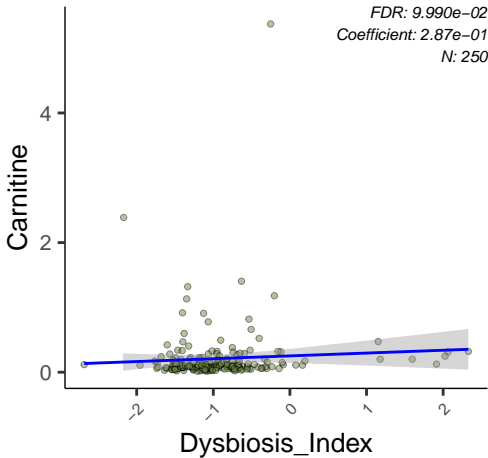
1

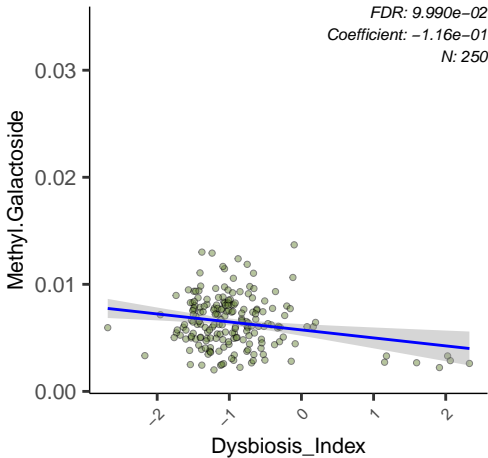
2

Dysbiosis\_Index

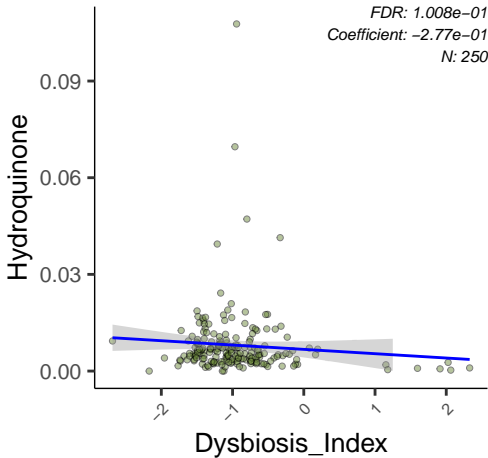


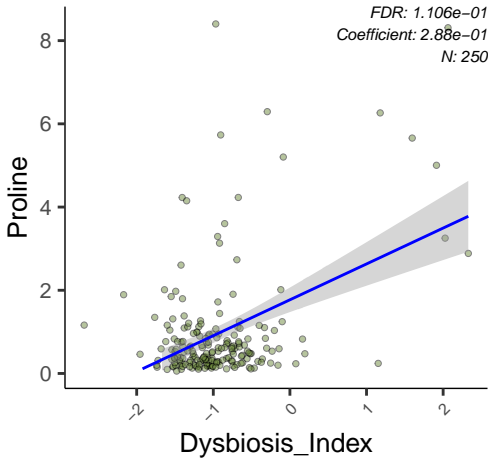


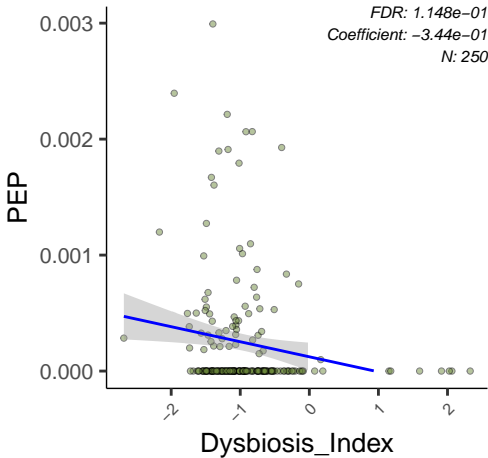












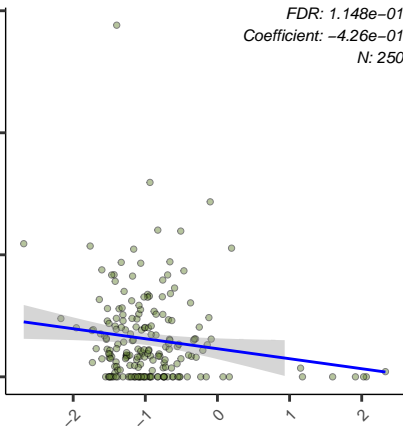
S.Adenosyl.L.methionine

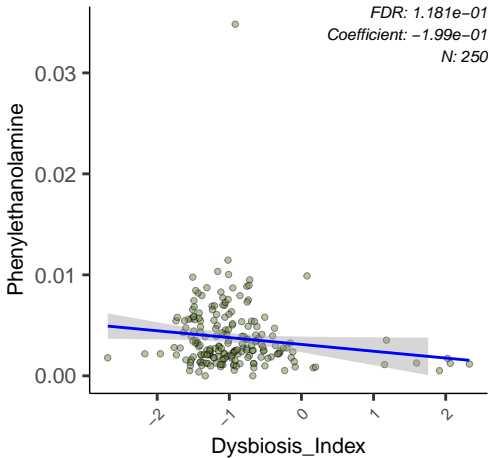
0.03  
0.02  
0.01  
0.00

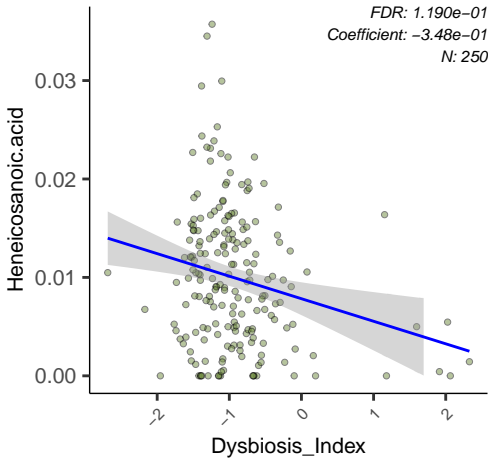
*FDR: 1.148e-01*  
*Coefficient: -4.26e-01*  
*N: 250*

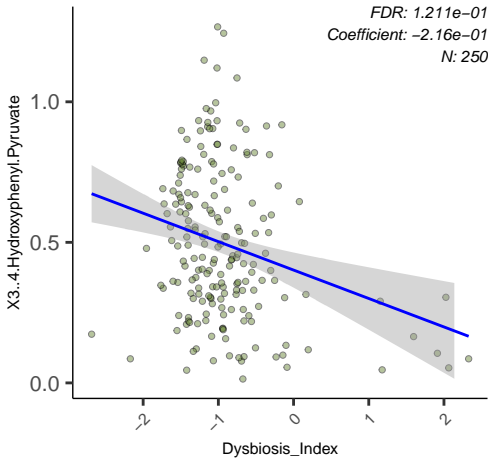
-2 -1 0 1 2

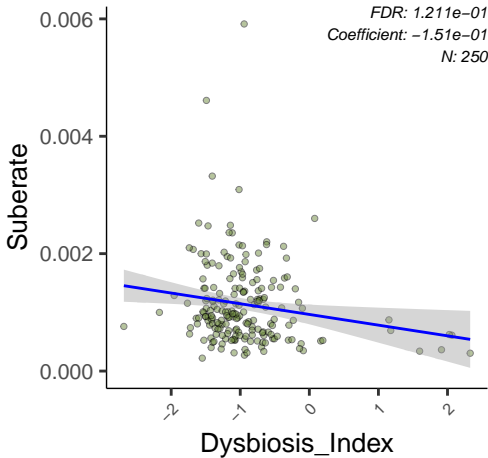
Dysbiosis\_Index



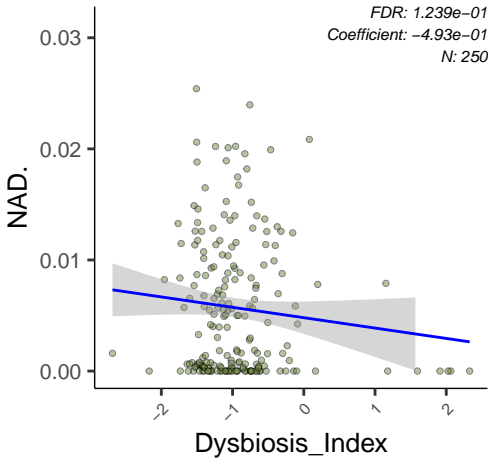


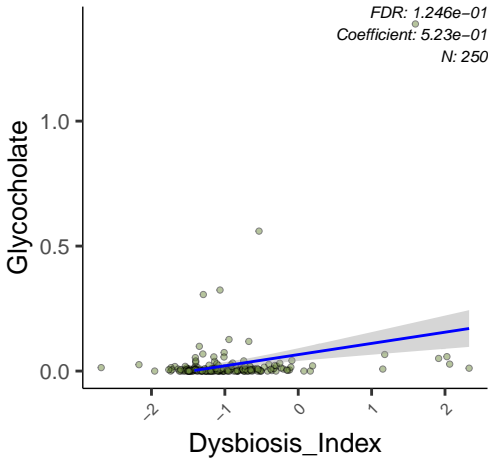


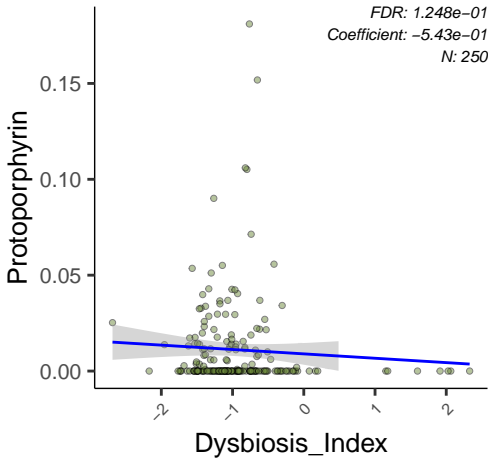


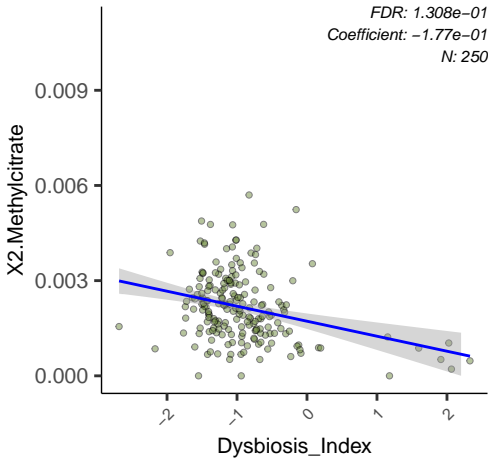


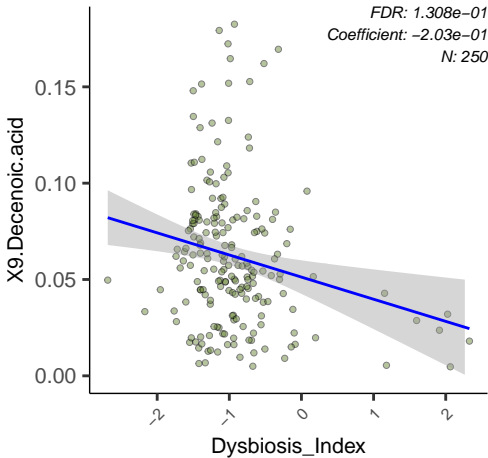


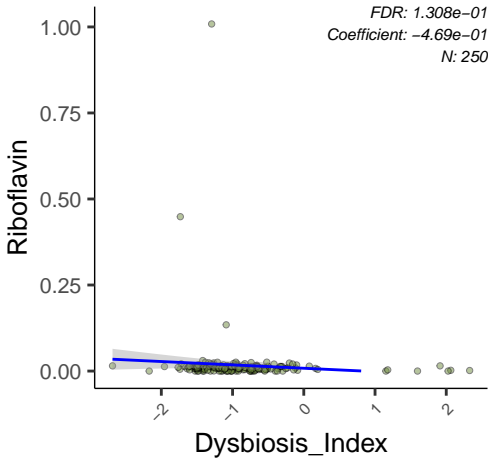


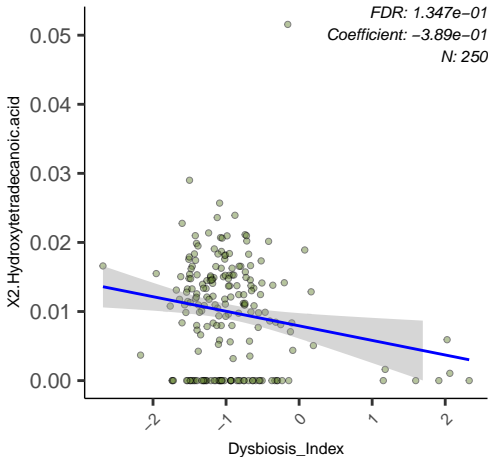












Methionine.Sulfoximine

*FDR: 1.350e-01*  
*Coefficient: 2.07e-01*  
*N: 250*

0.02

0.01

0.00

-2

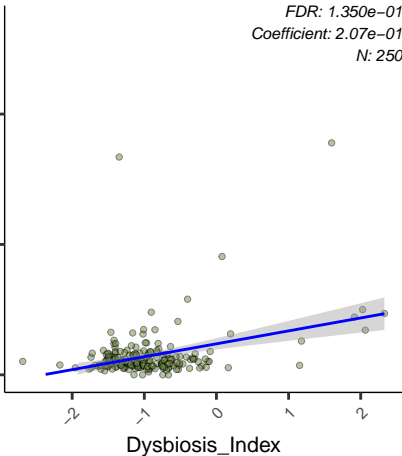
-1

0

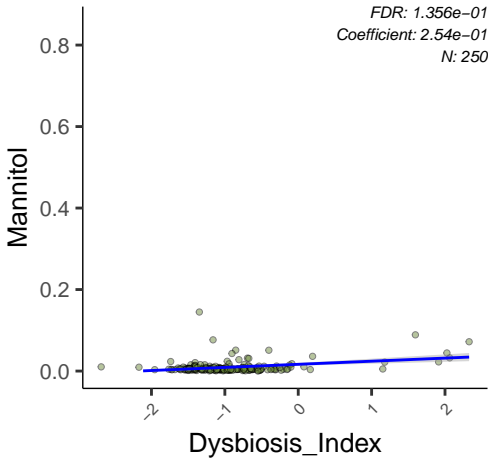
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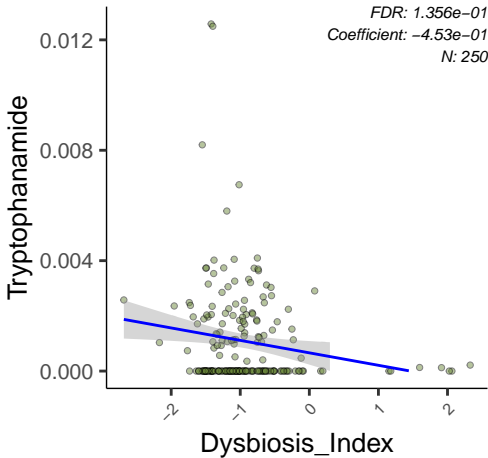
2

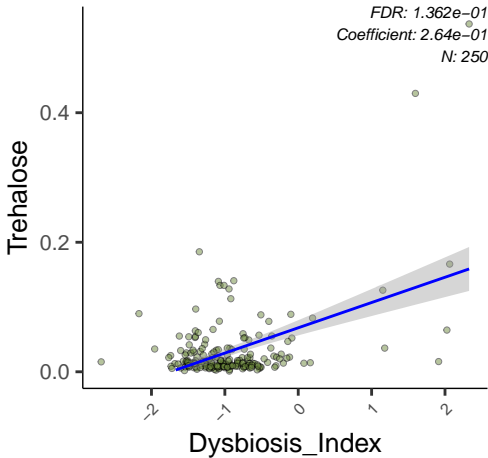
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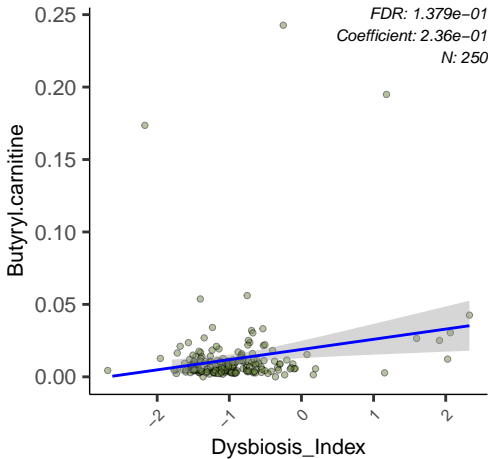


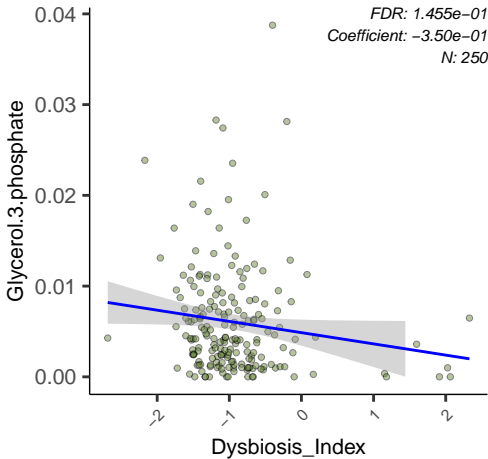












N.Acetylserine

FDR:  $1.455e-01$   
Coefficient:  $-2.33e-01$   
N: 250

0.2  
0.1  
0.0

2

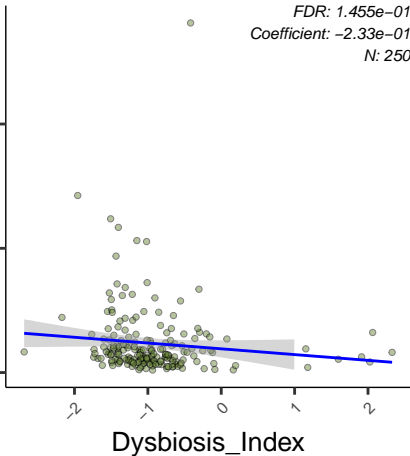
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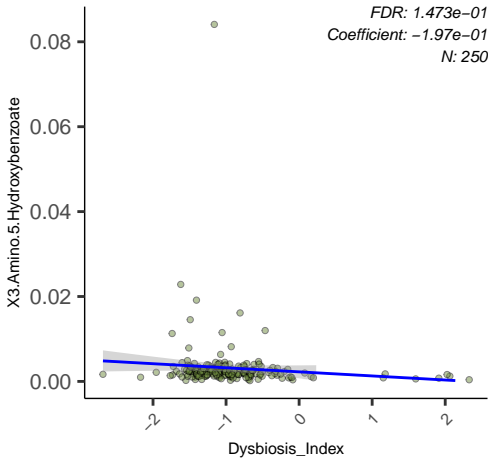
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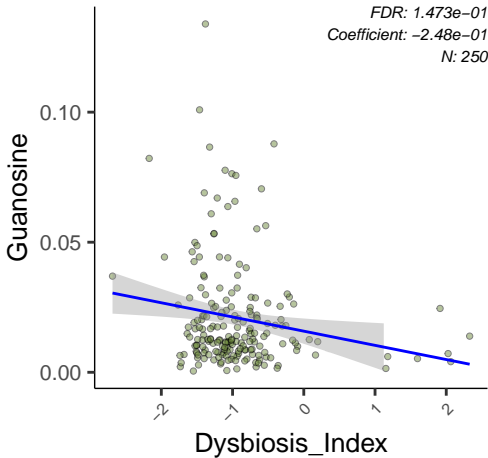
1

2

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Indole.3.Methyl.Acetate

FDR: 1.473e-01

Coefficient: -2.60e-01

N: 250

0.06  
0.04  
0.02  
0.00

-2

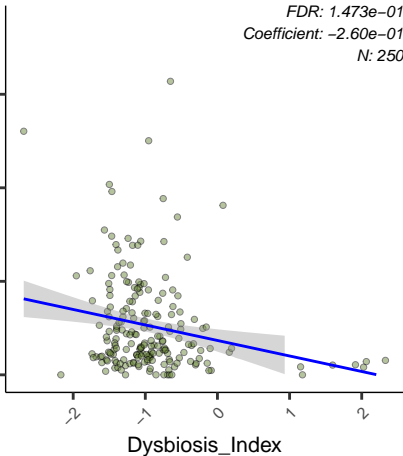
-1

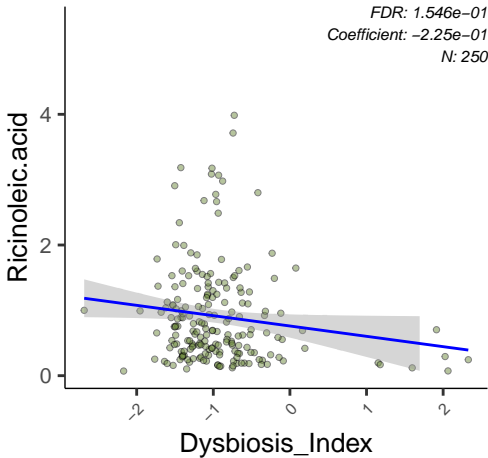
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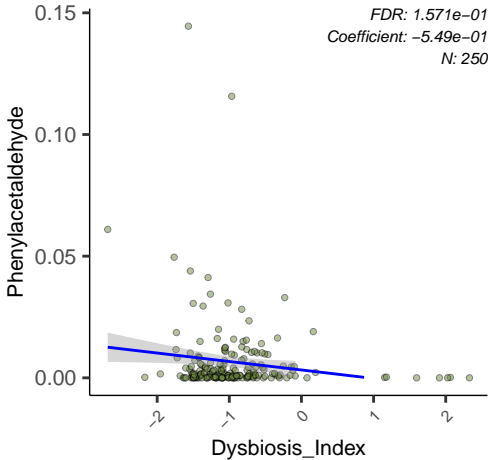
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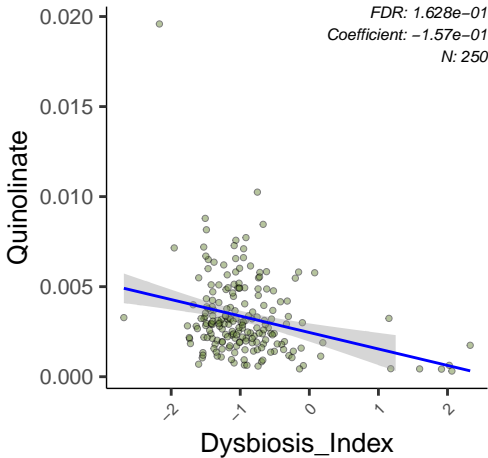
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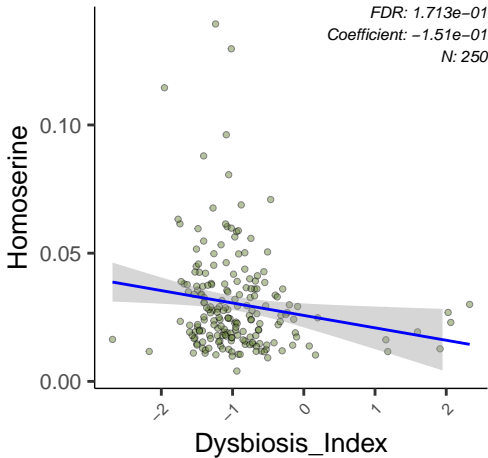
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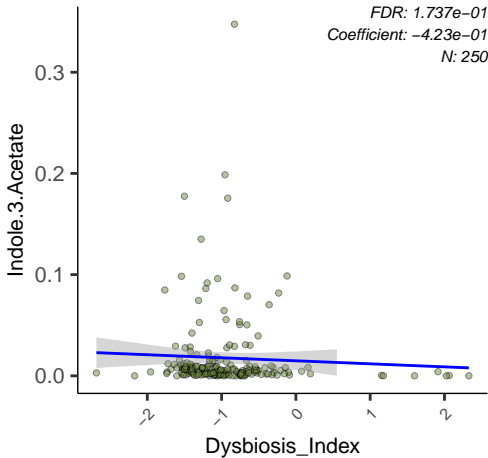


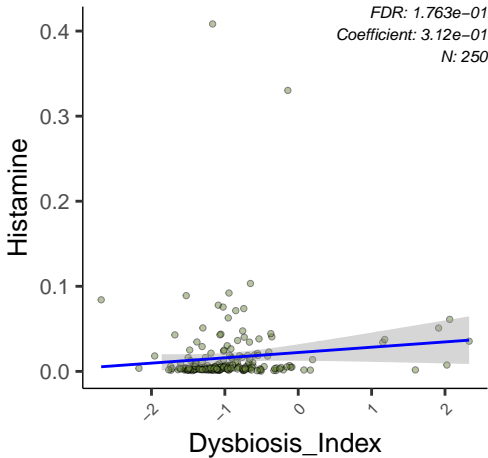


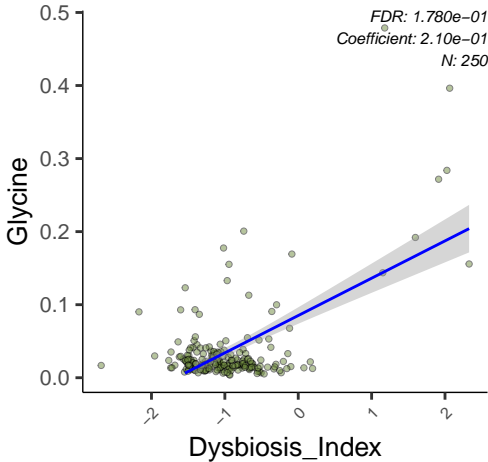




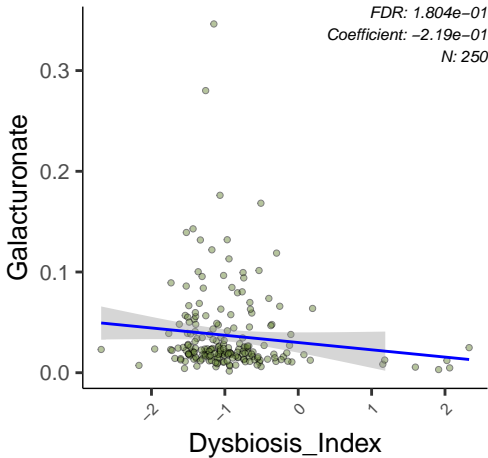


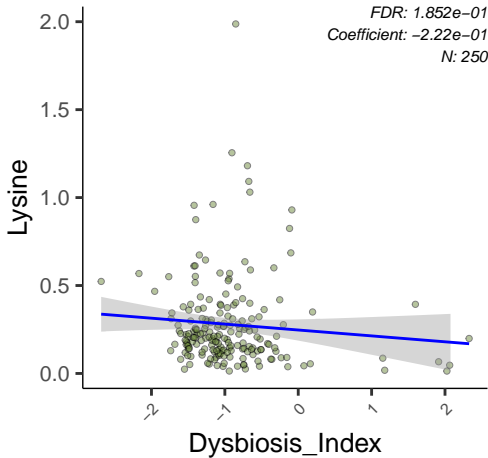












X3.Methoxy.4.Hydroxymandelate

*FDR: 1.983e-01*  
*Coefficient: -1.74e-01*  
*N: 250*

0.05  
0.04  
0.03  
0.02  
0.01  
0.00

-2 -1 0 1 2

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