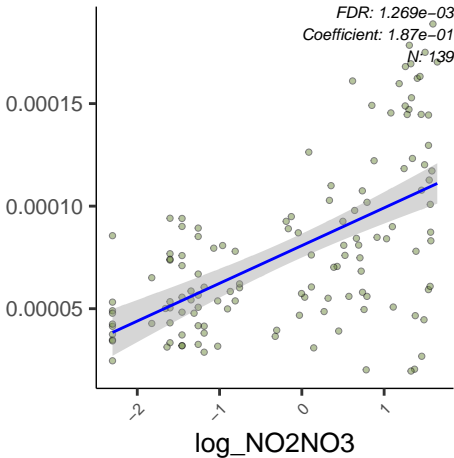
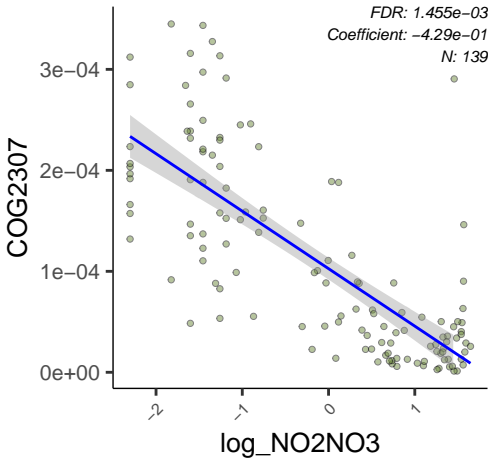
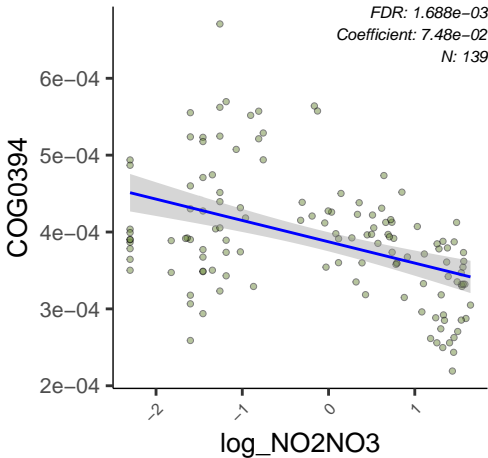
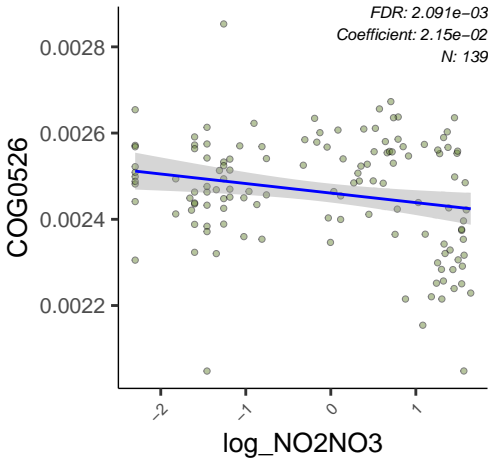


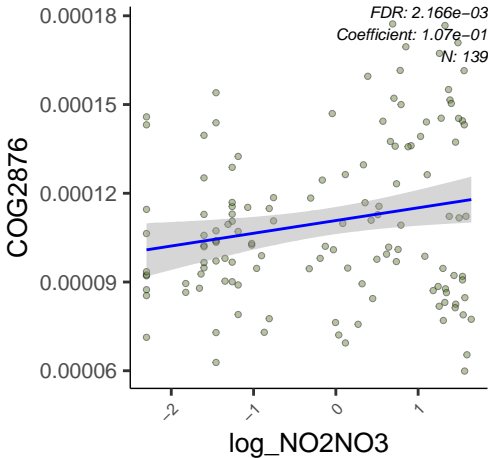
COG1443

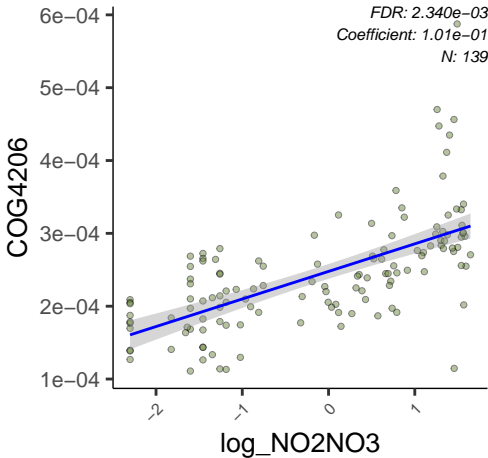


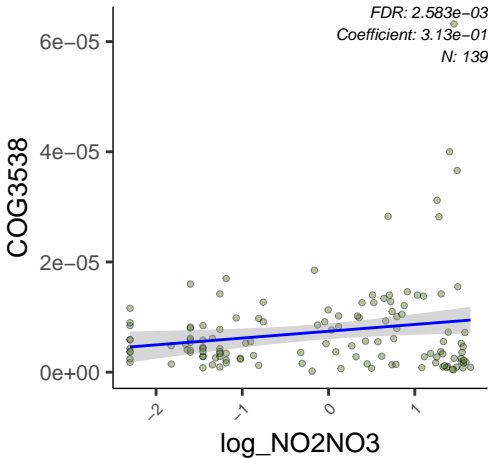


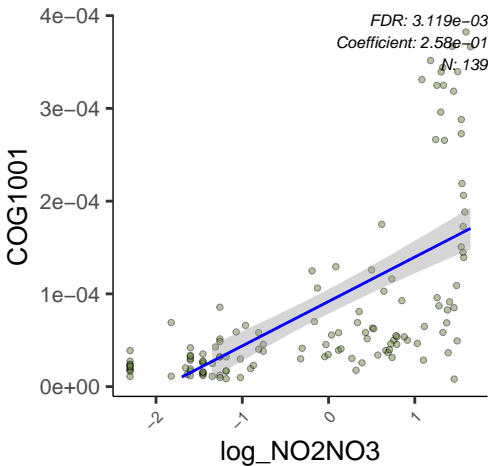


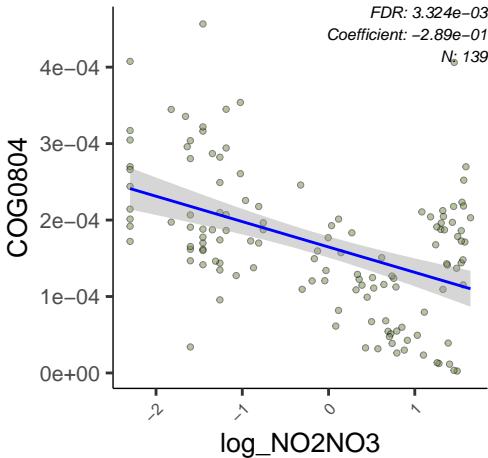


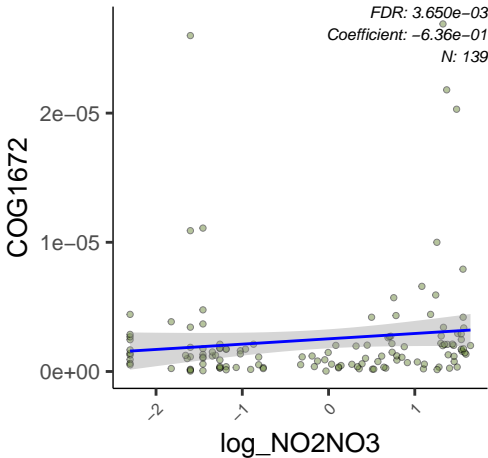


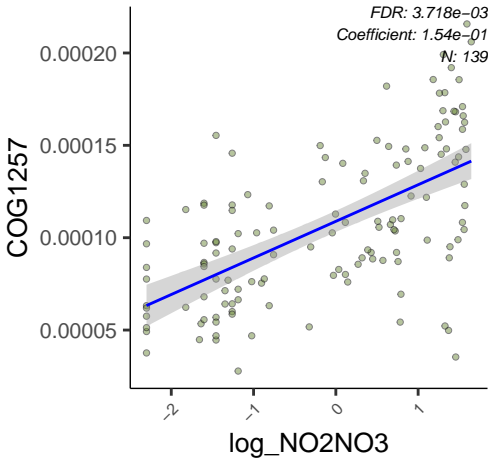


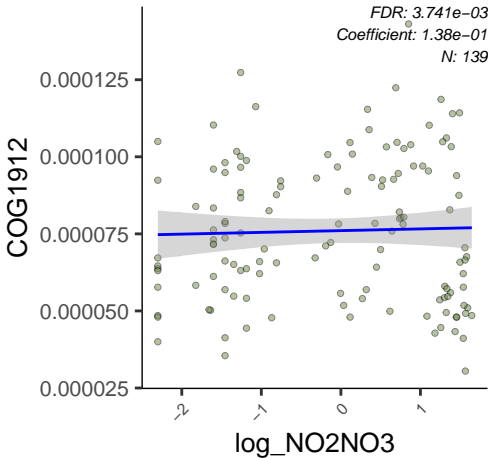












COG1597

FDR: 3.757e-03

Coefficient: 1.89e-01

N: 139

3e-04

2e-04

1e-04

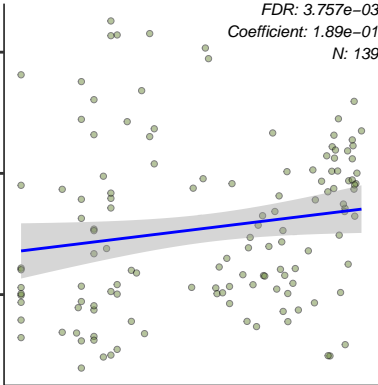
-2

-1

0

1

log_NO2NO3



COG1523

FDR: 3.922e-03

Coefficient: -2.41e-01

N: 139

3e-04

2e-04

1e-04

0e+00

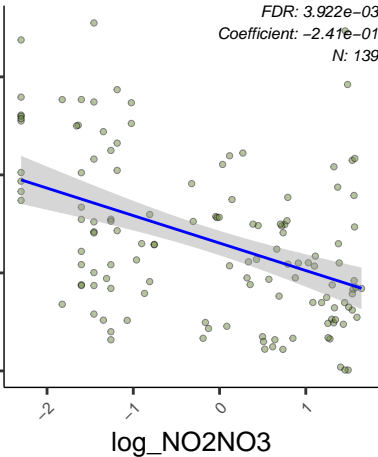
-2

-1

0

1

log_NO2NO3



COG3559

1e-05

5e-06

0e+00

-2

-1

0

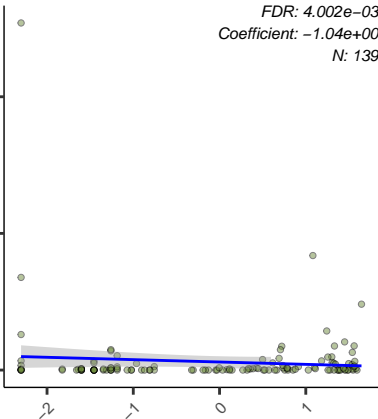
1

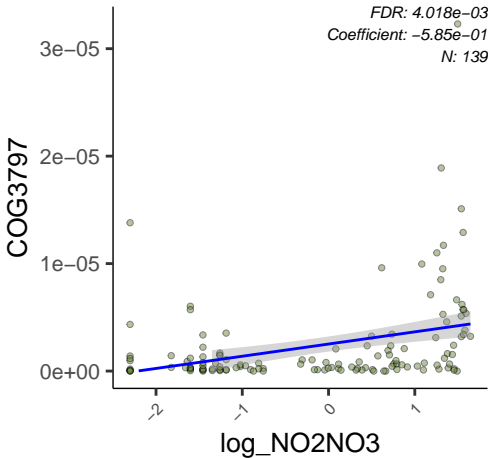
log_NO2NO3

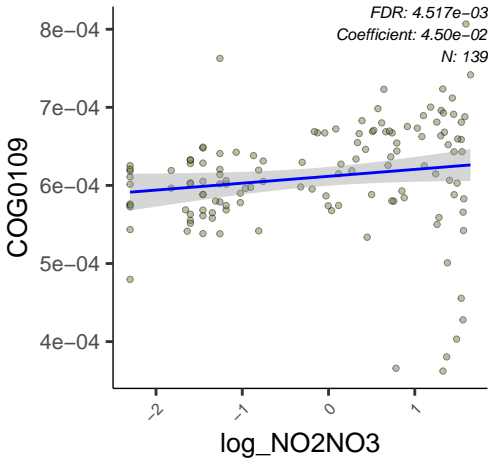
FDR: 4.002e-03

Coefficient: -1.04e+00

N: 139







COG1435

FDR: $4.651\text{e-}03$
Coefficient: $8.80\text{e-}02$
N: 139

$4\text{e-}04$

$3\text{e-}04$

$2\text{e-}04$

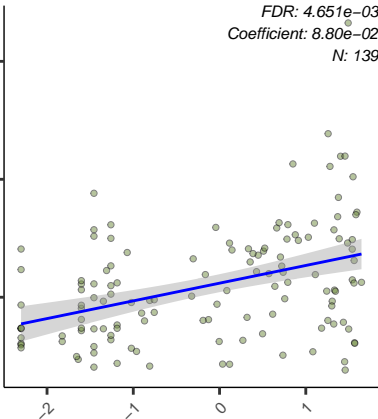
-2

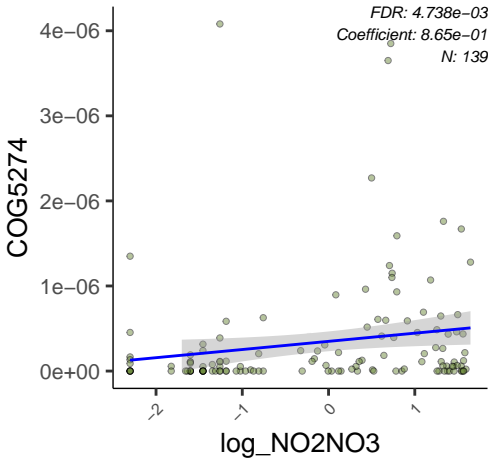
-1

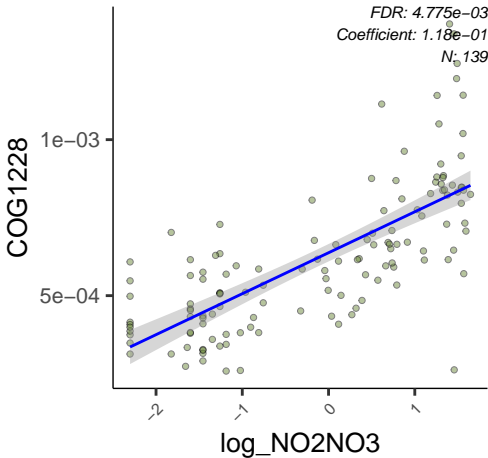
0

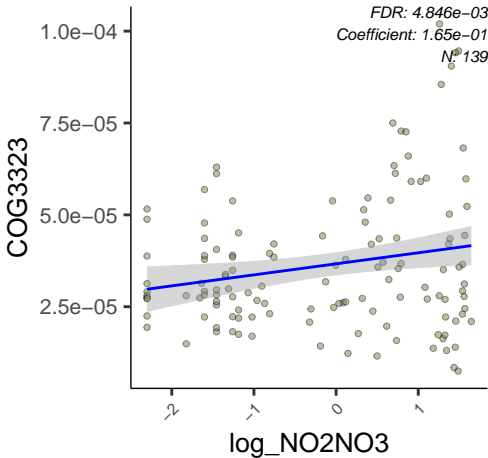
1

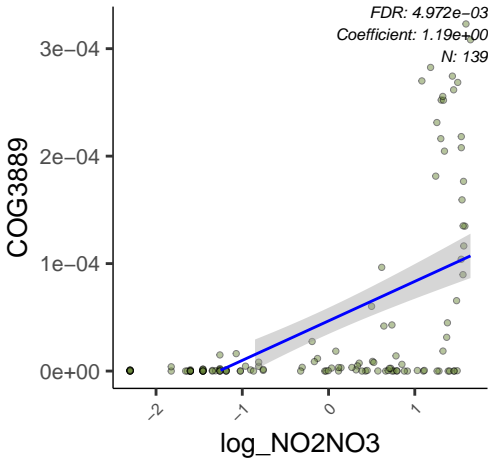
log_NO2NO3

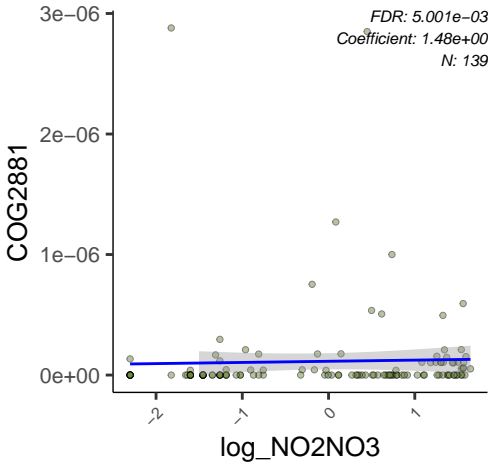


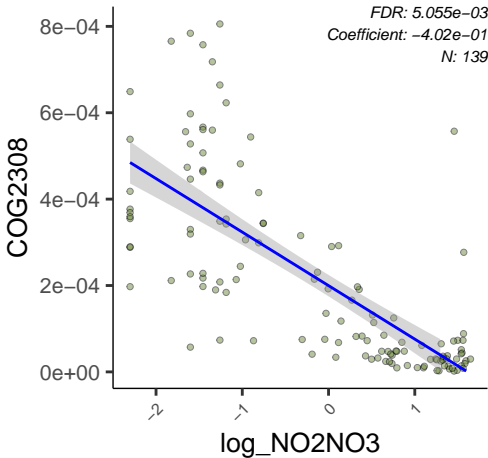


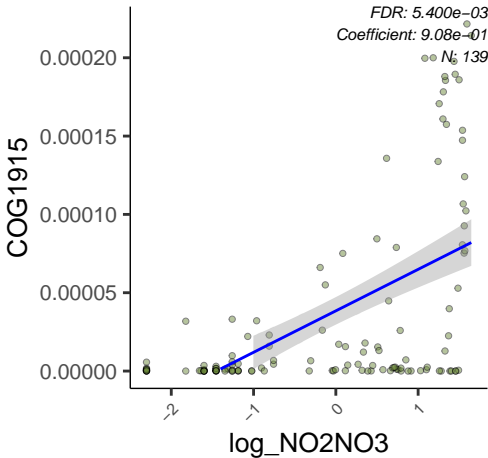


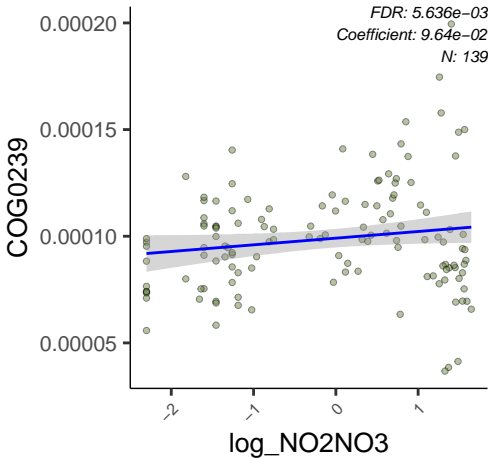












COG1490

FDR: 5.669e-03
Coefficient: 9.15e-02
N: 139

0.00025

0.00020

0.00015

0.00010

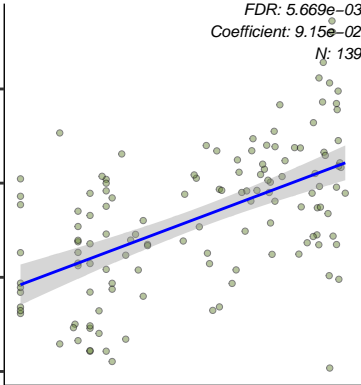
-2

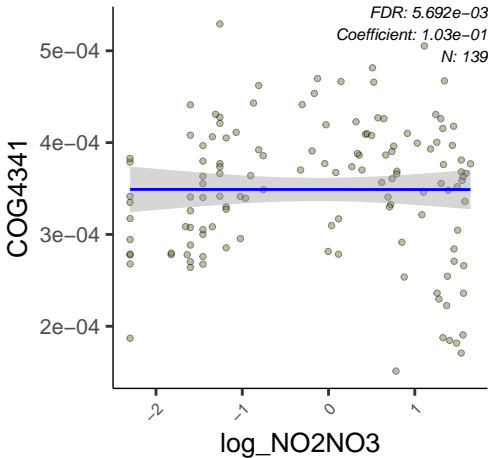
-1

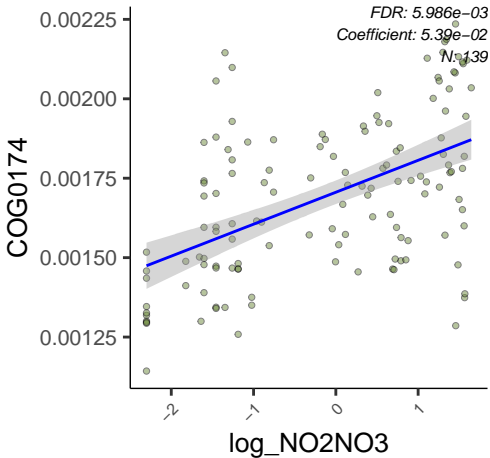
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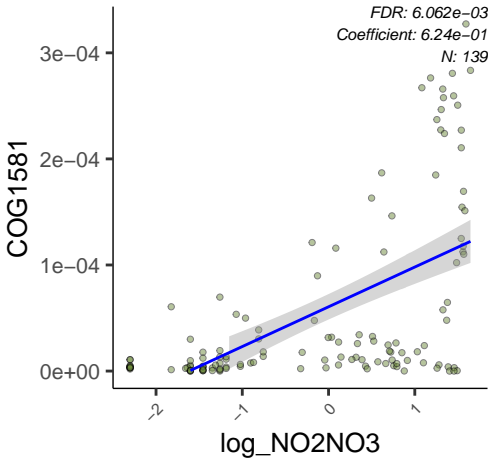
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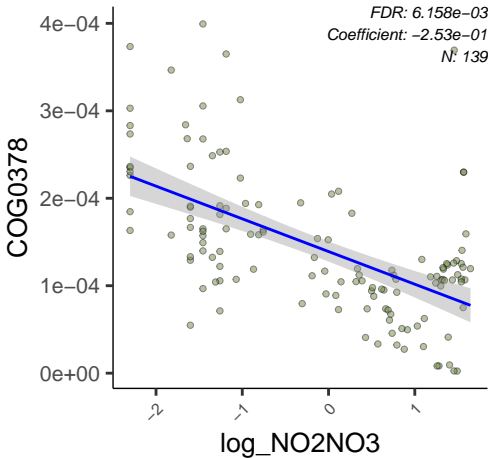
log_NO2NO3

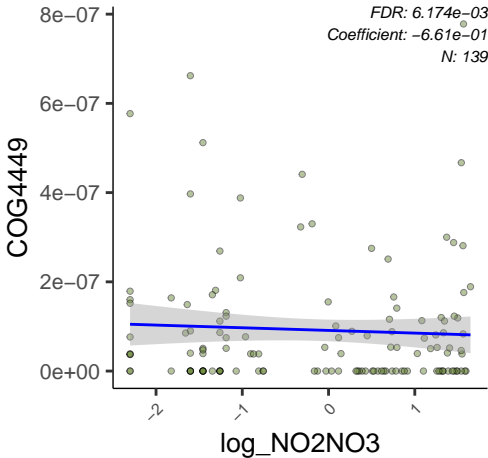


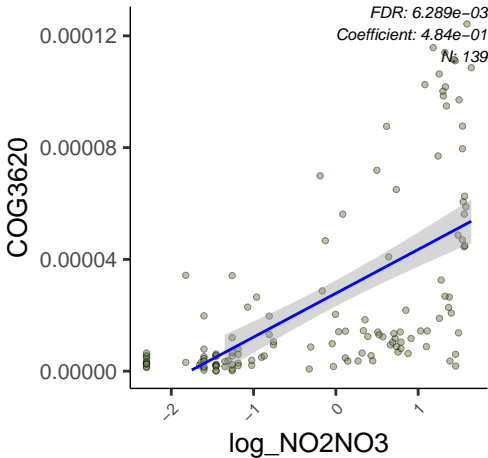


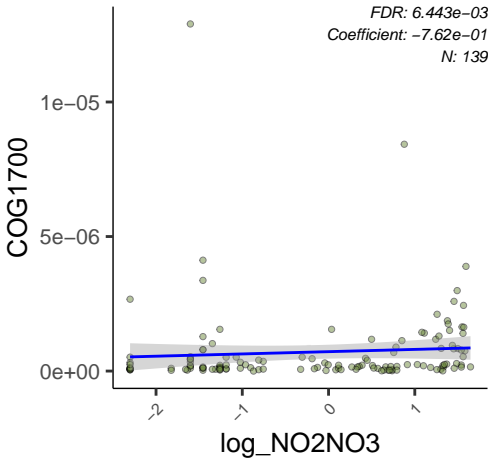


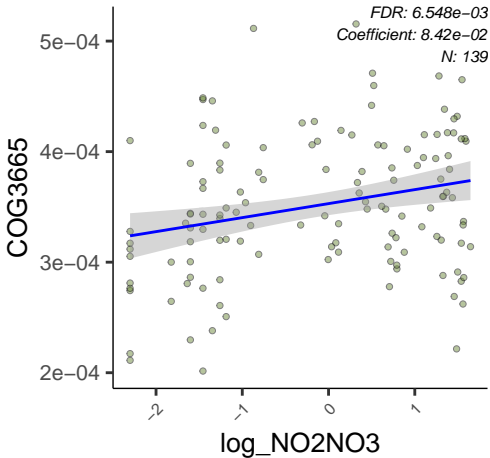


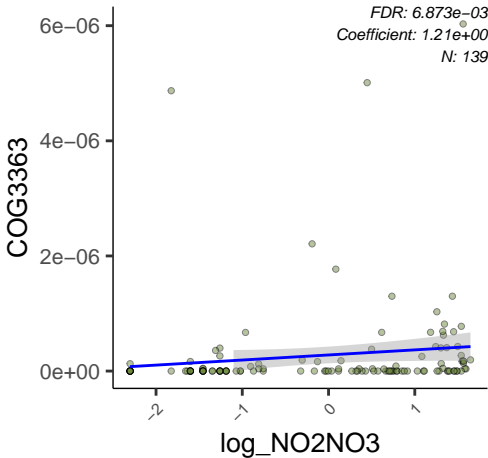












COG4012

FDR: 7.094e-03
Coefficient: 2.24e+00
N: 139

2.0e-05

1.5e-05

1.0e-05

5.0e-06

0.0e+00

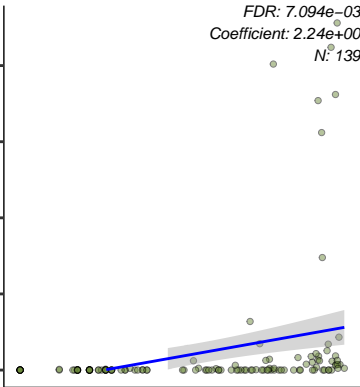
2

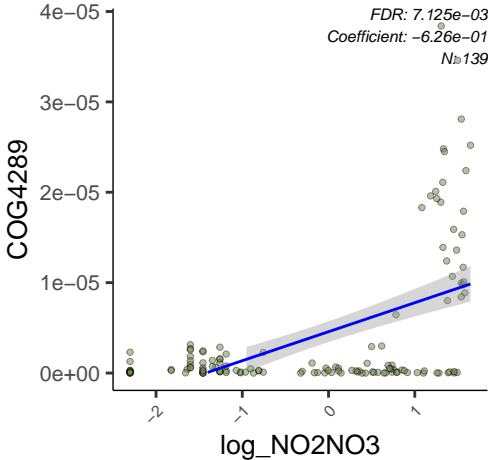
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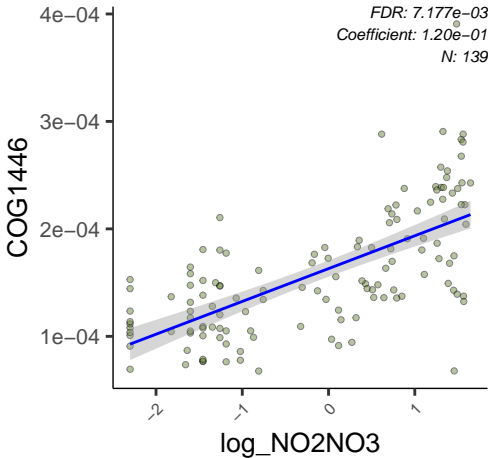
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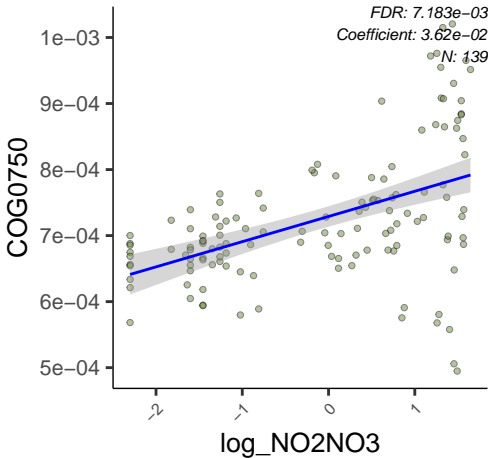
1

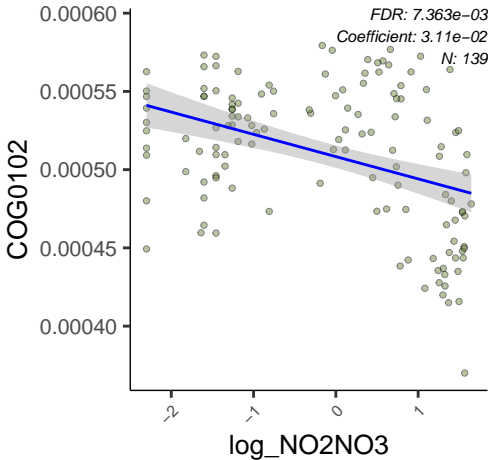
log_NO2NO3











COG1372

FDR: 7.370e-03

Coefficient: -2.52e-01

N: 139

3e-04

2e-04

1e-04

0e+00

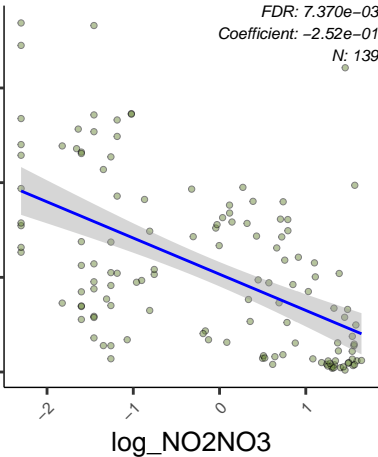
-2

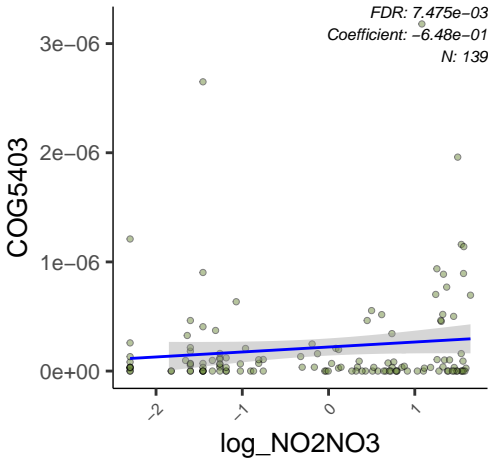
-1

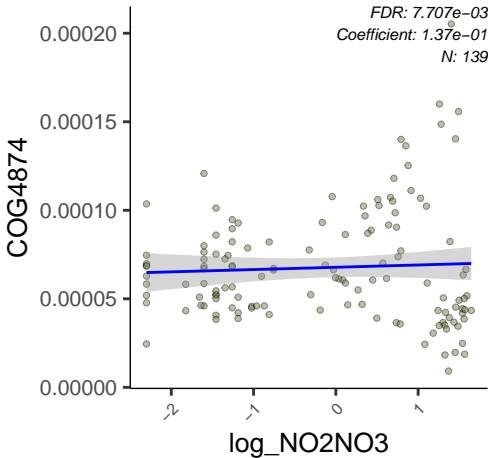
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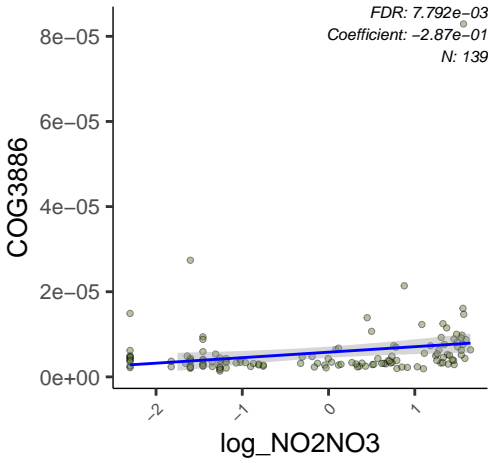
1

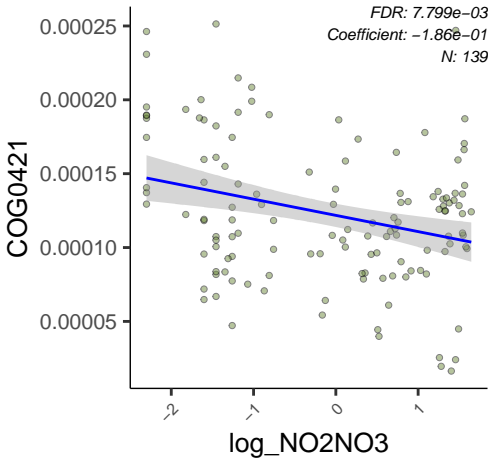
log_NO2NO3

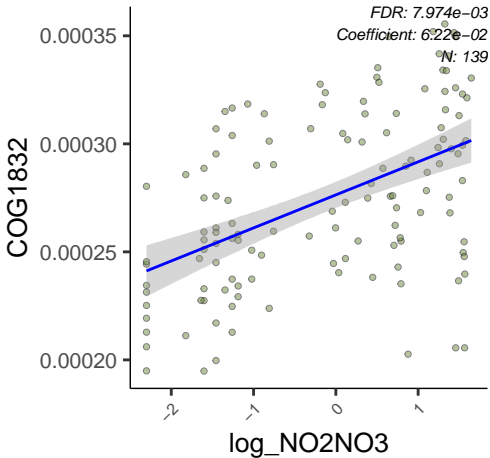


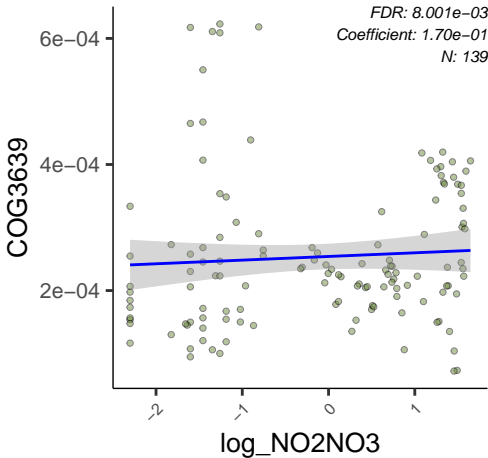


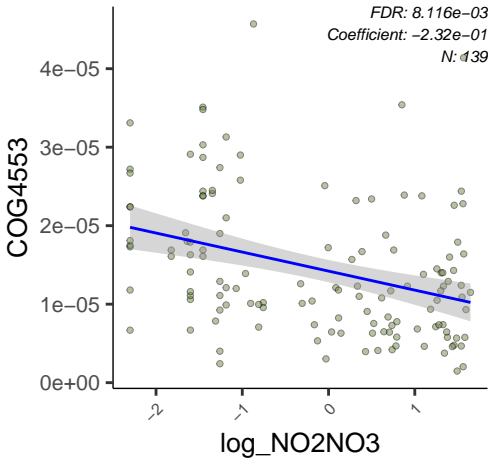


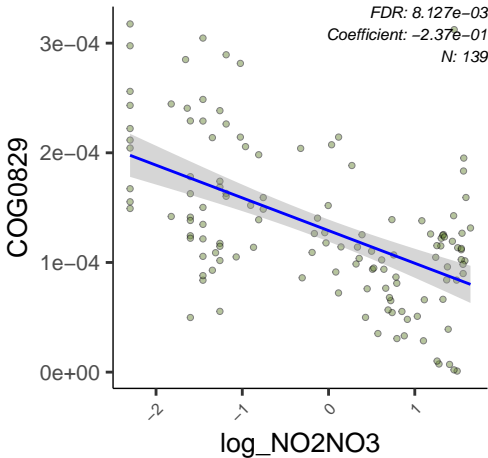




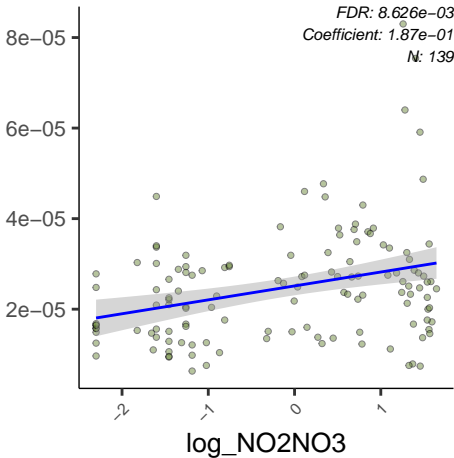


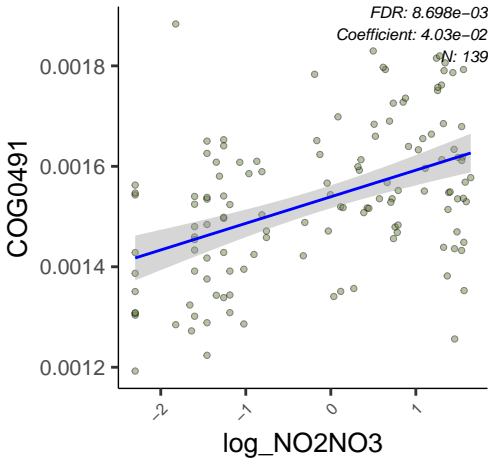


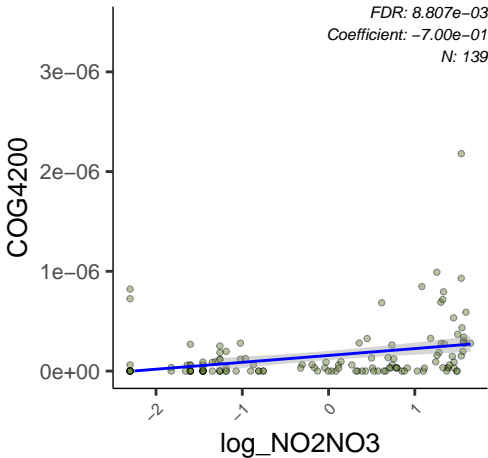


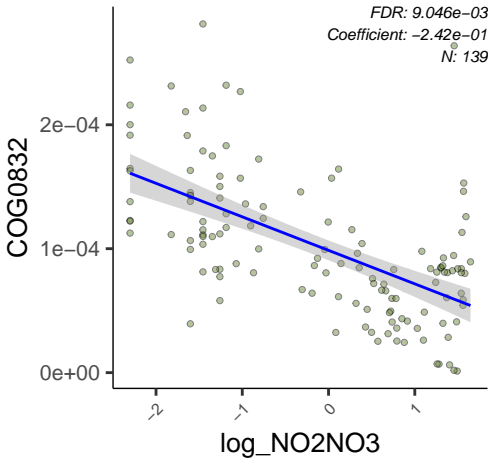


COG5485

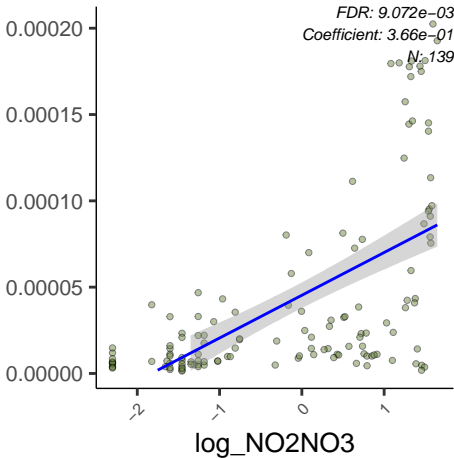


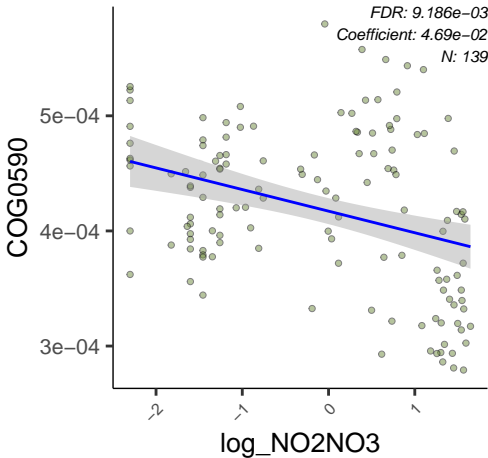


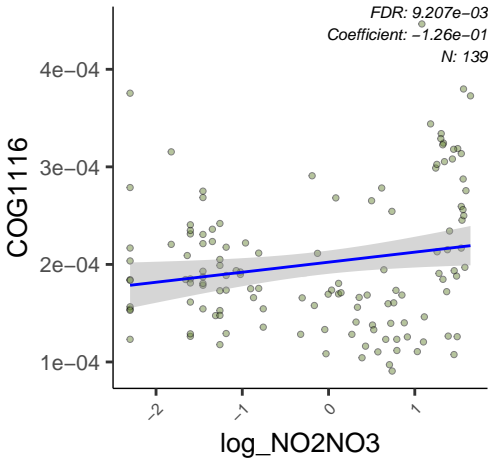


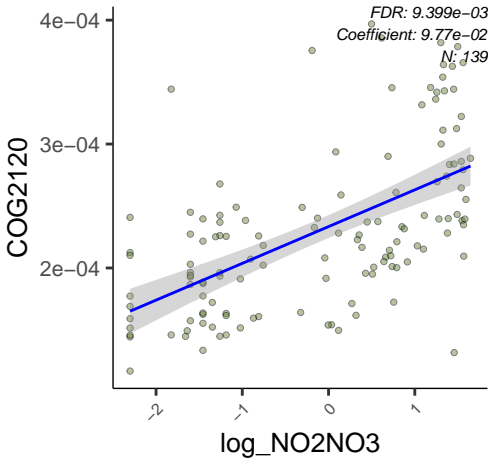


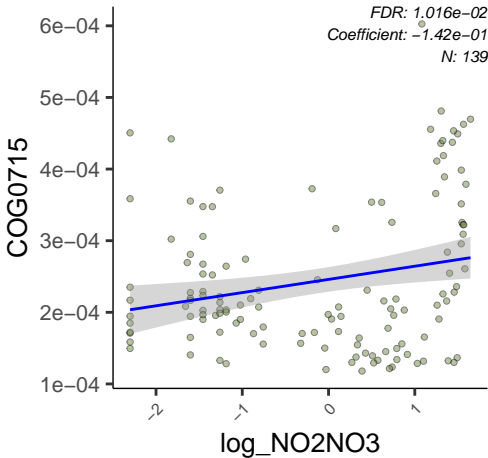
COG2102

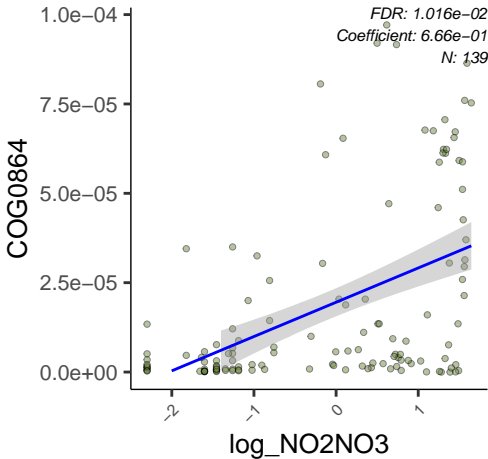


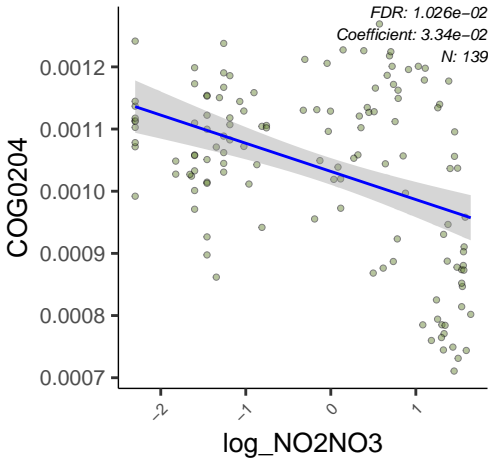












COG3377

FDR: 1.053e-02
Coefficient: -6.75e-01
N: 139

1.5e-05

1.0e-05

5.0e-06

0.0e+00

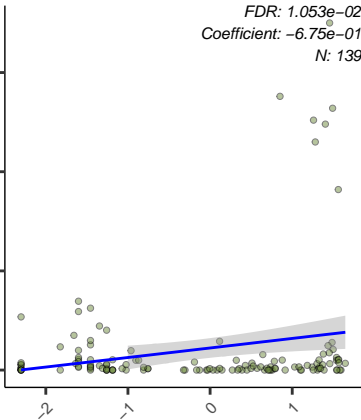
2

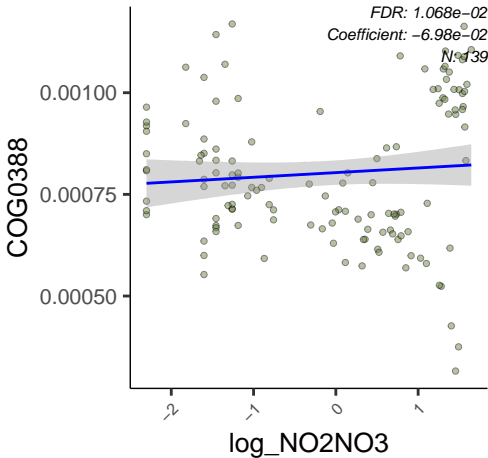
1

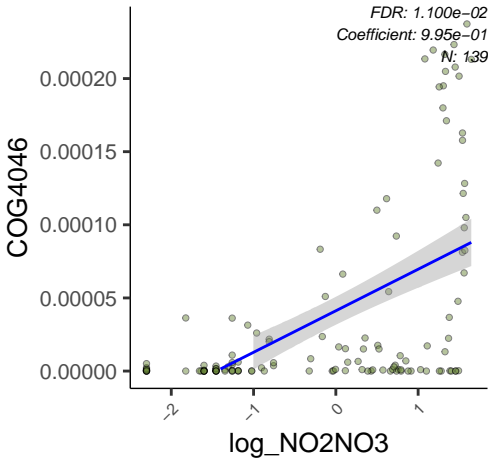
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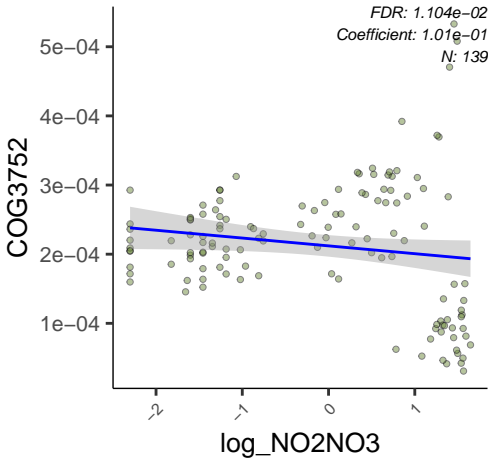
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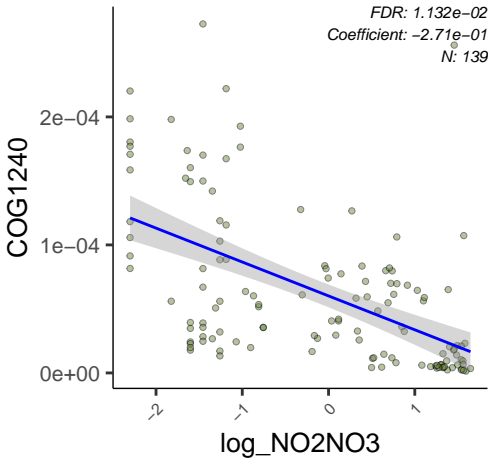
log_NO2NO3

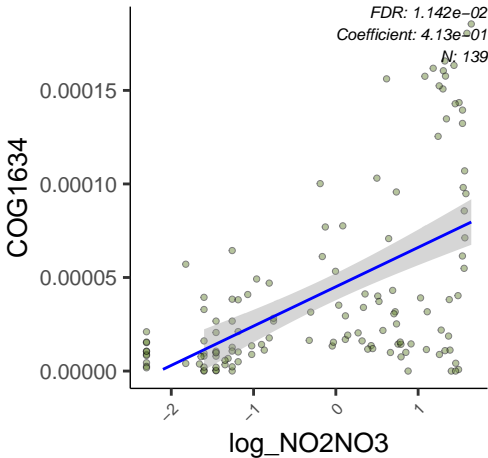


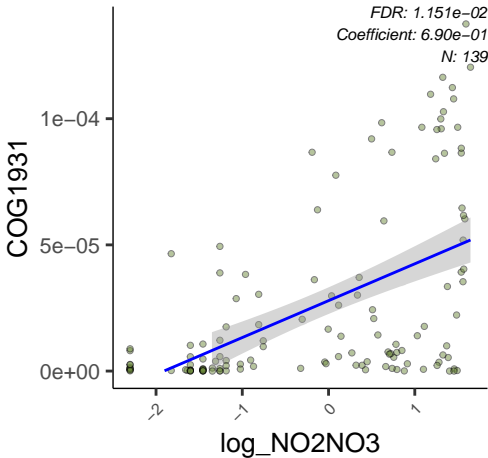












COG3769

3e-04
2e-04
1e-04
0e+00

-2

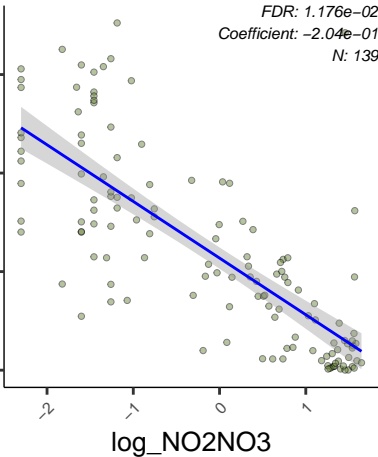
-1

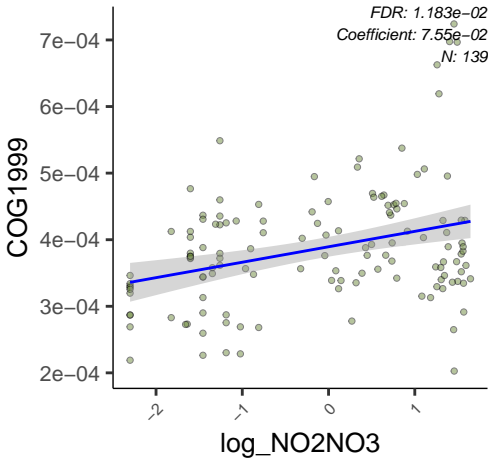
0

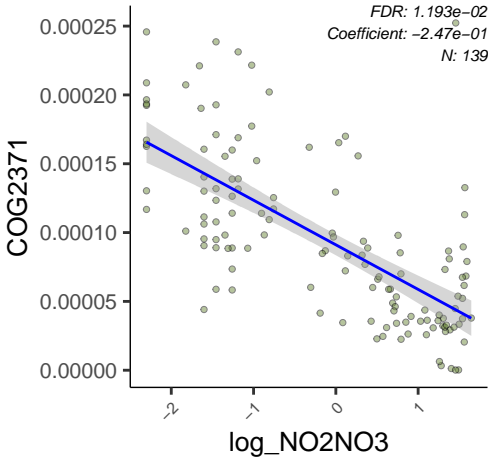
1

log_NO2NO3

FDR: 1.176e-02
Coefficient: -2.04e-01
N: 139







COG2317

3e-04

2e-04

1e-04

-2

-1

0

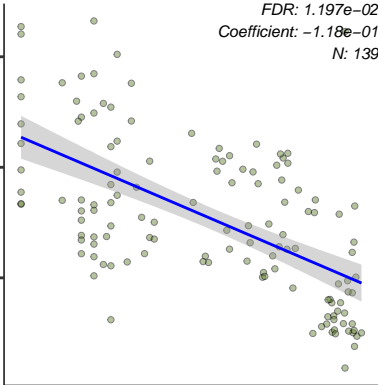
1

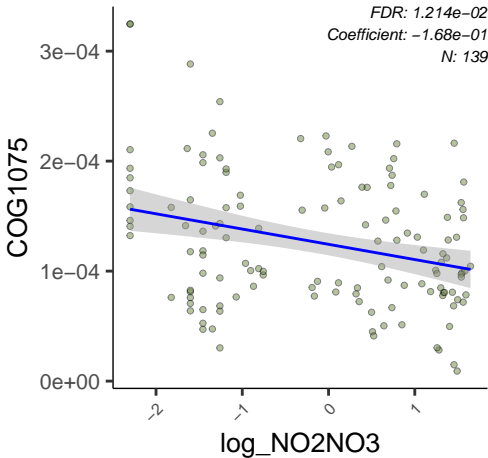
log_NO2NO3

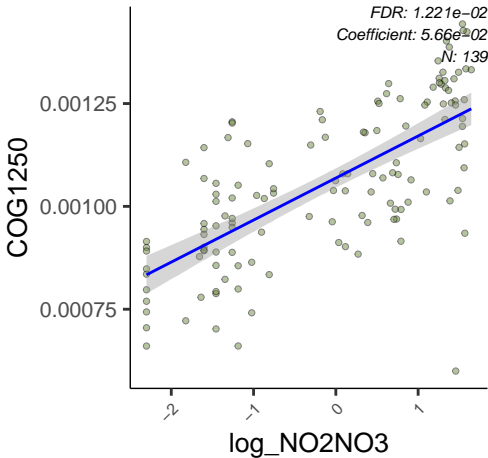
FDR: 1.197e-02

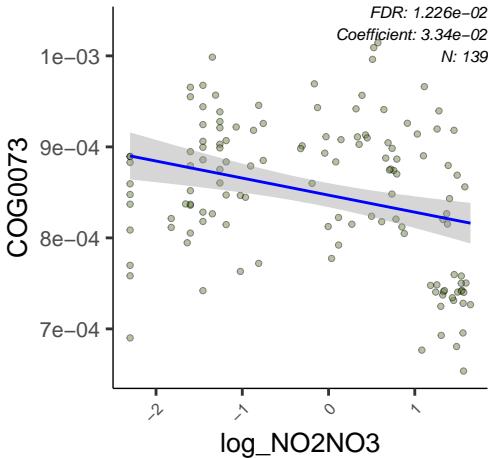
Coefficient: -1.18e-01

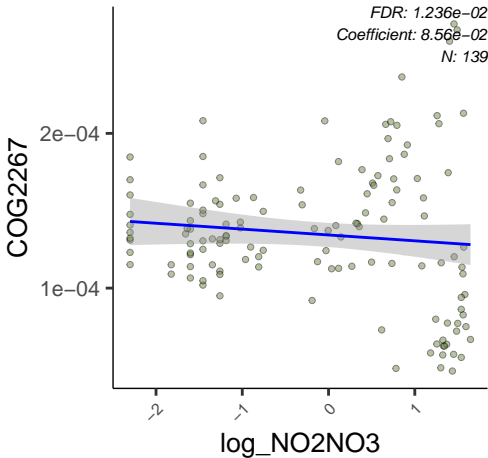
N: 139











COG4878

FDR: $1.249\text{e-}02$
Coefficient: $-5.31\text{e-}01$
N: 139

$6\text{e-}06$

$4\text{e-}06$

$2\text{e-}06$

$0\text{e+}00$

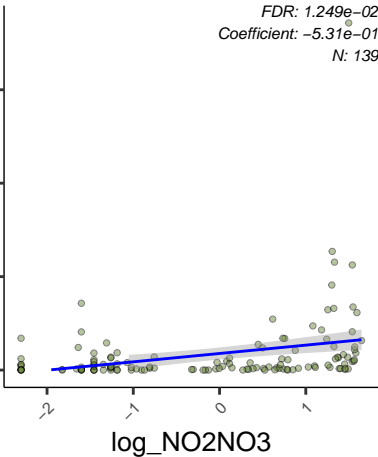
-2

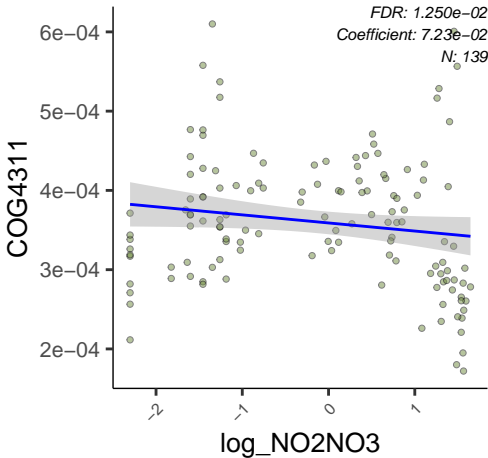
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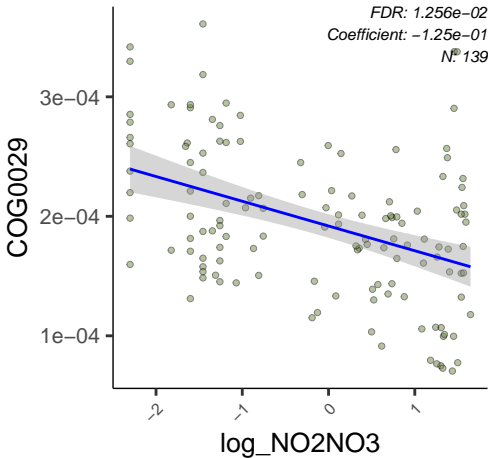
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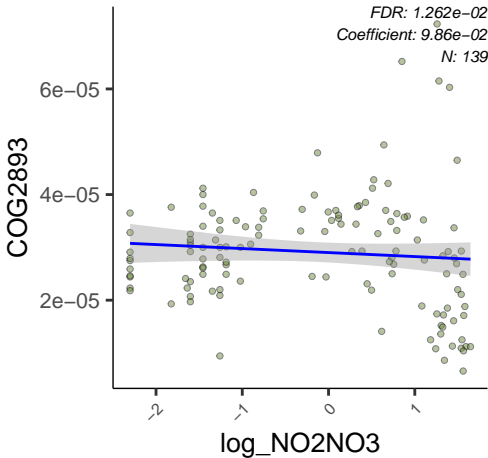
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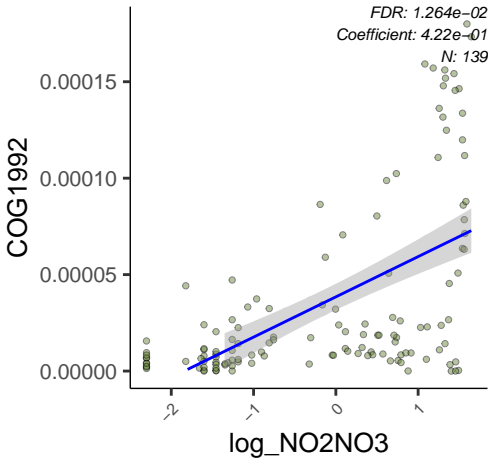
log_NO2NO3

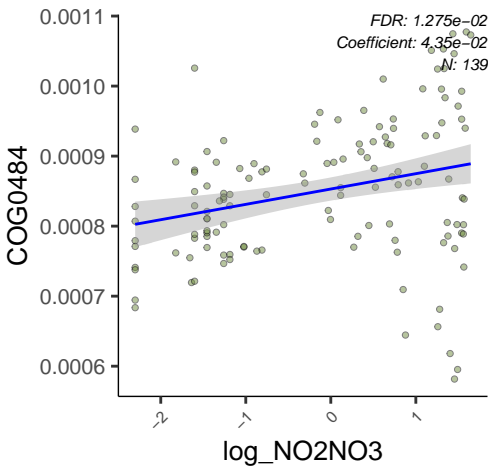


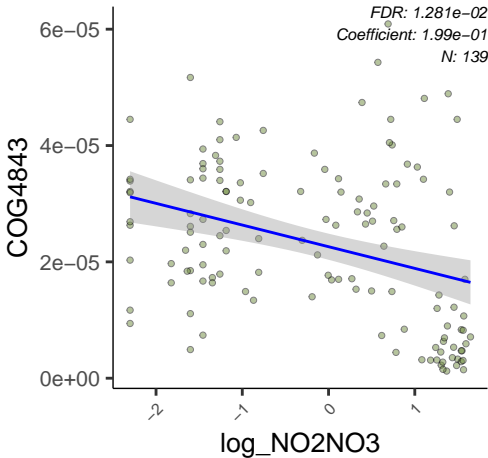












COG3510

FDR: 1.283e-02
Coefficient: 1.21e-01
N: 139

3e-05

2e-05

1e-05

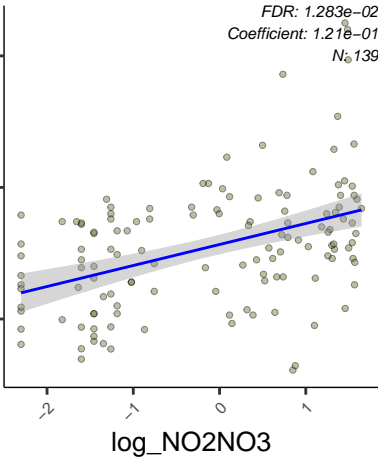
-2

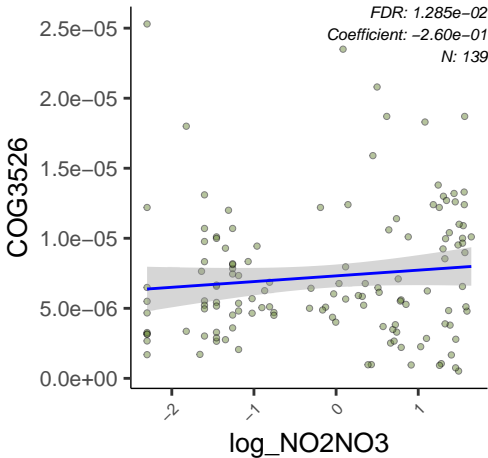
-1

0

1

log_NO2NO3





COG4517

0.00016
0.00012
0.00008
0.00004

-2

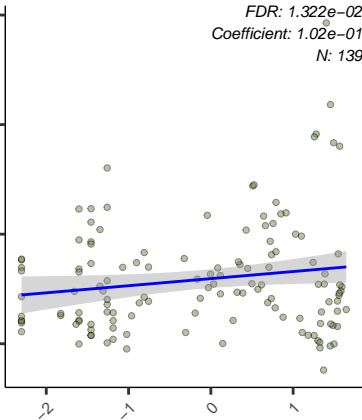
-1

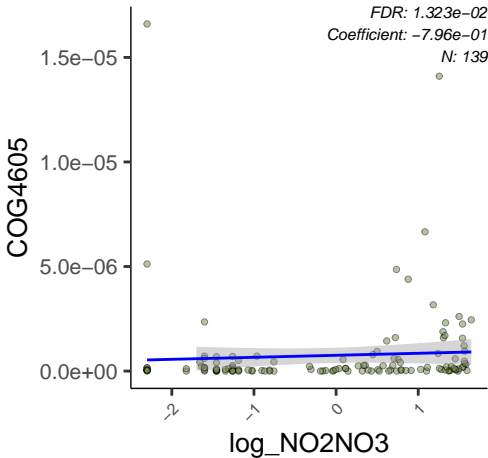
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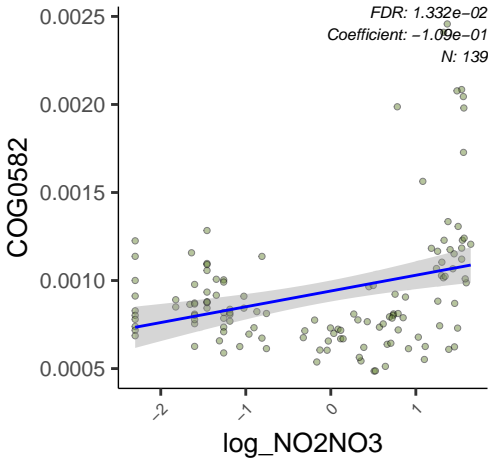
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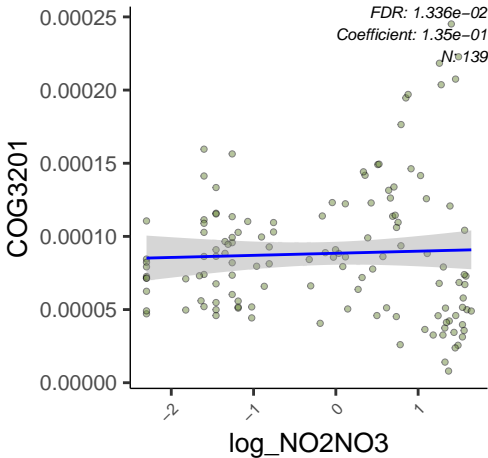
log_NO2NO3

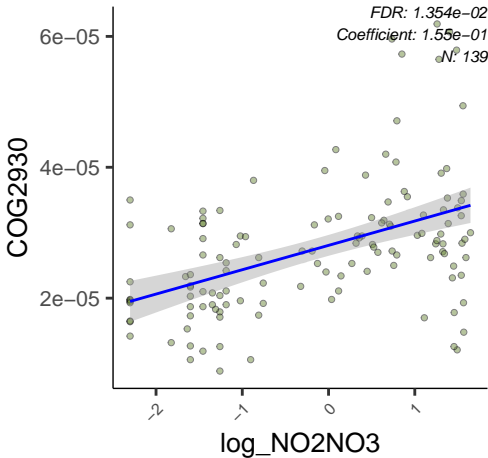
FDR: 1.322e-02
Coefficient: 1.02e-01
N: 139

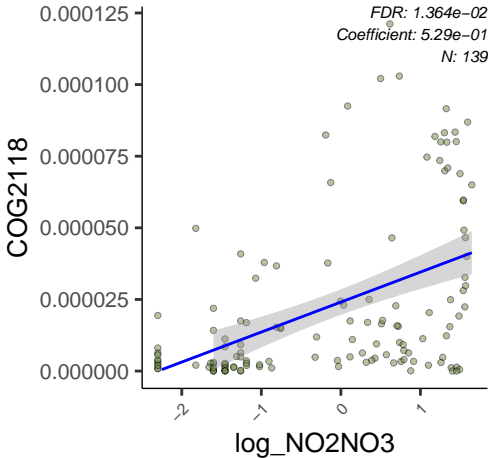












COG1958

FDR: 1.365e-02
Coefficient: 9.21e-01
N: 139

3e-04

2e-04

1e-04

0e+00

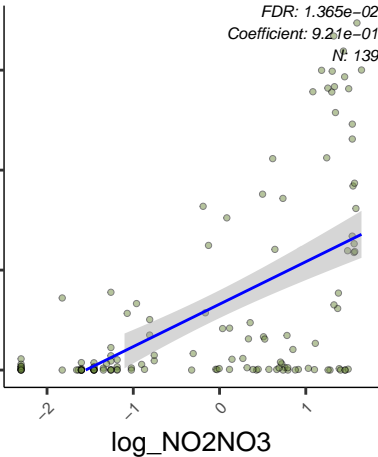
-2

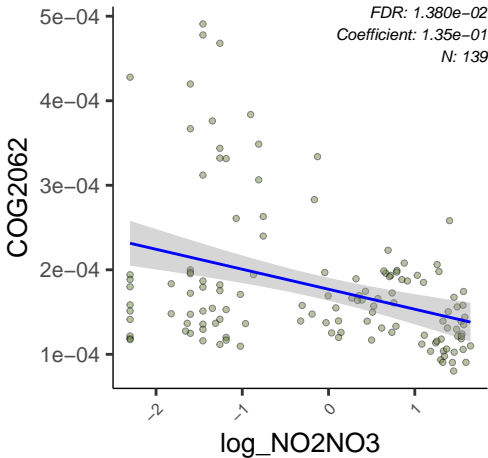
-1

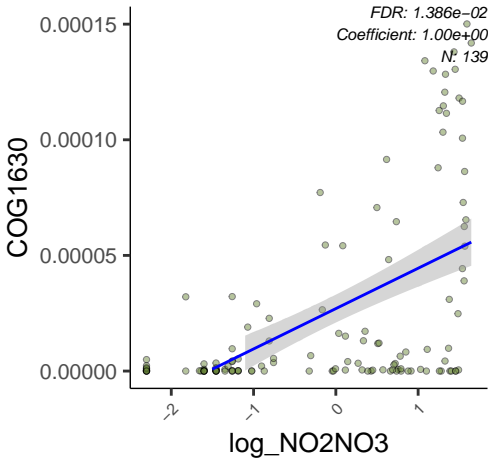
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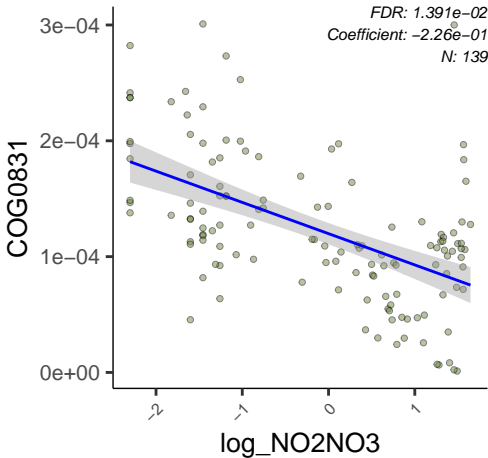
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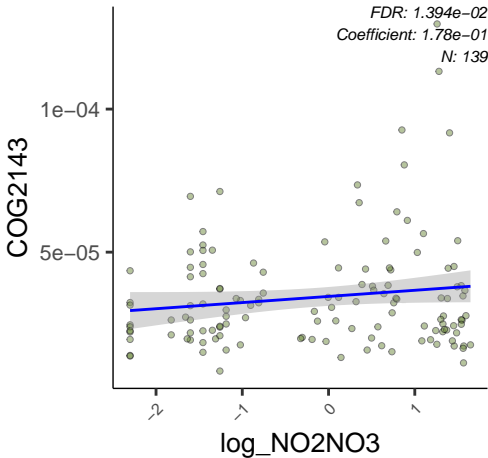
log_NO2NO3











COG4607

FDR: 1.420e-02
Coefficient: -5.95e-01
N: 139

1.5e-05

1.0e-05

5.0e-06

0.0e+00

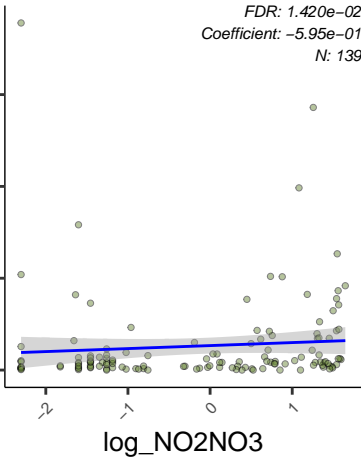
2

1

0

1

log_NO2NO3



COG5607

FDR: 1.424e-02
Coefficient: -3.45e-01
N: 139

9e-06

6e-06

3e-06

0e+00

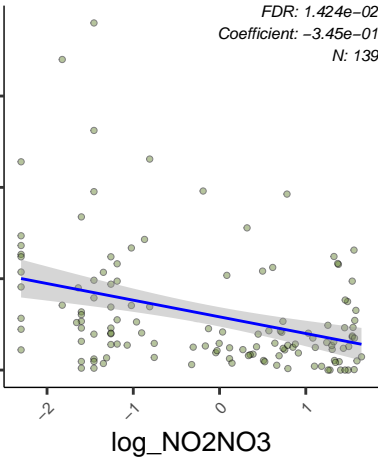
2

1

0

1

log_NO2NO3



COG4132

1e-05

5e-06

0e+00

2

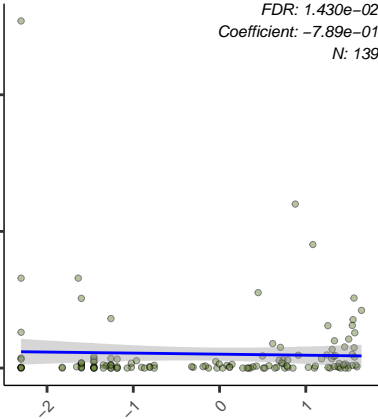
1

0

1

log_NO2NO3

FDR: 1.430e-02
Coefficient: -7.89e-01
N: 139



COG0579

FDR: $1.450e-02$
Coefficient: $-8.19e-02$
N: 139

$4e-04$

$3e-04$

$2e-04$

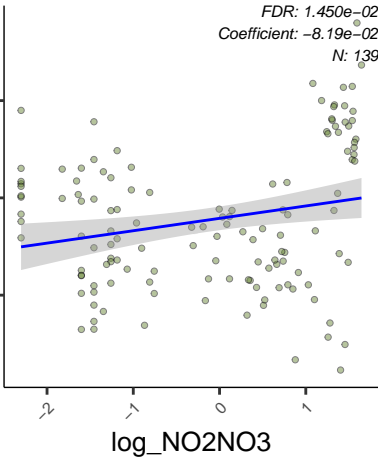
-2

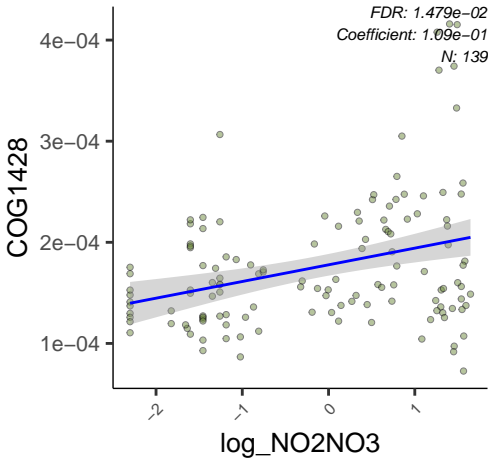
-1

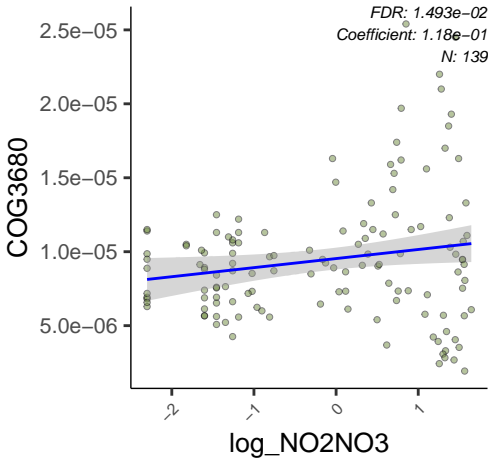
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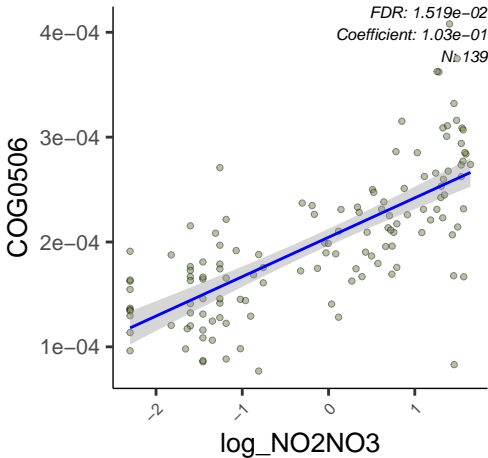
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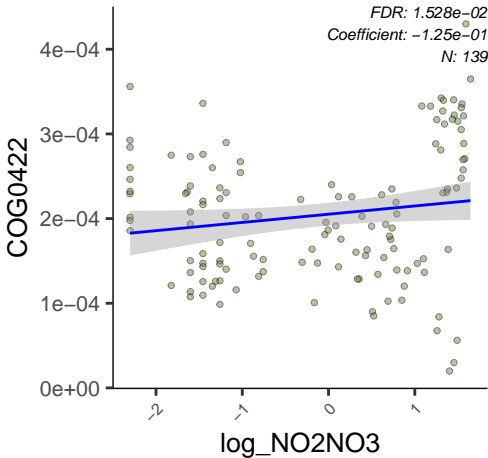
log_NO2NO3

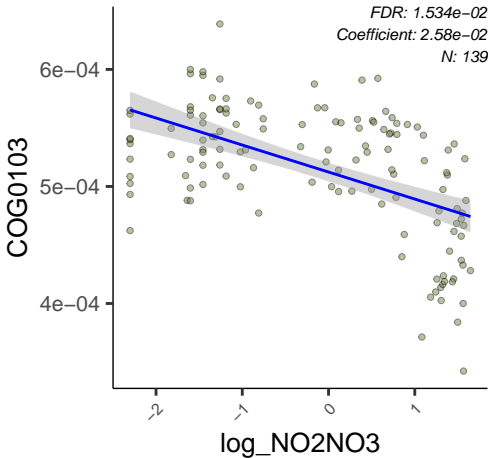


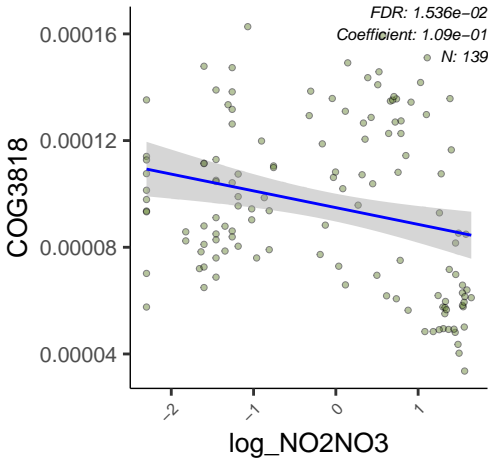


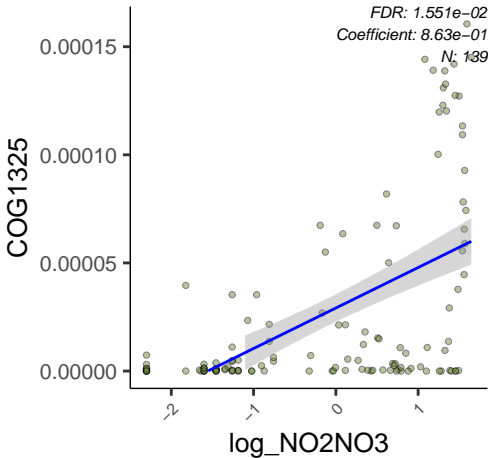


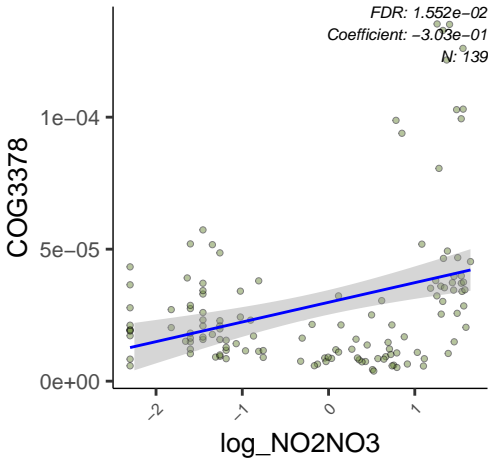












COG2035

FDR: 1.596e-02
Coefficient: 9.64e-02
N: 139

3e-04

2e-04

1e-04

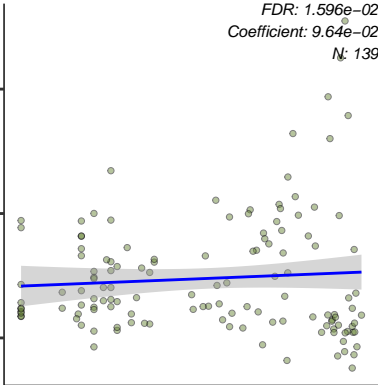
-2

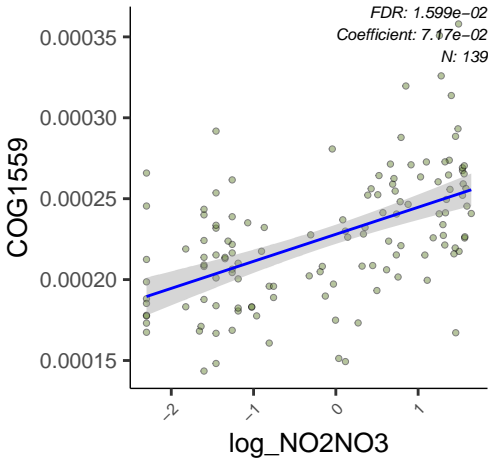
-1

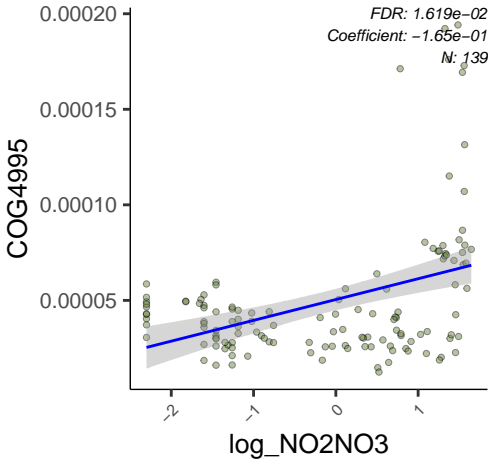
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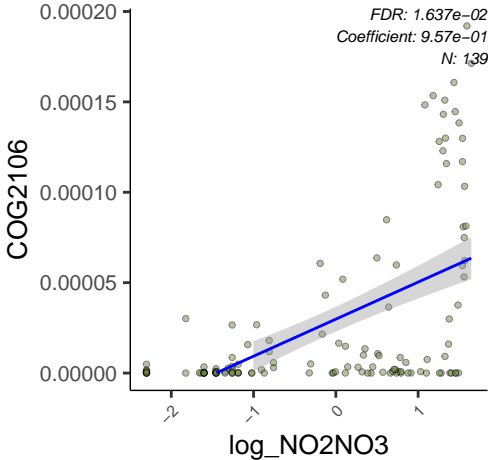
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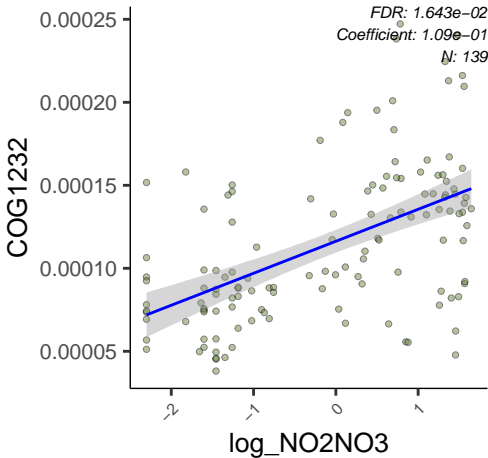
log_NO2NO3

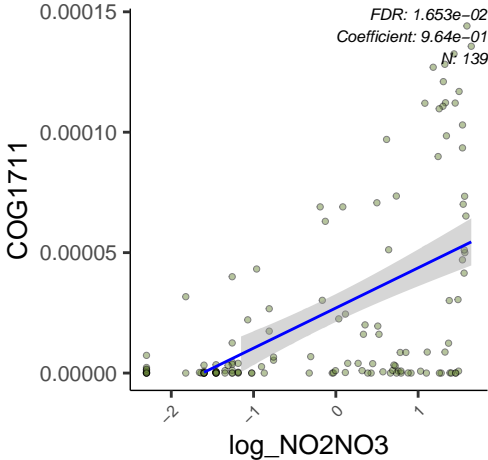












COG2512

FDR: 1.659e-02
Coefficient: 9.34e-01
N: 139

2e-04

1e-04

0e+00

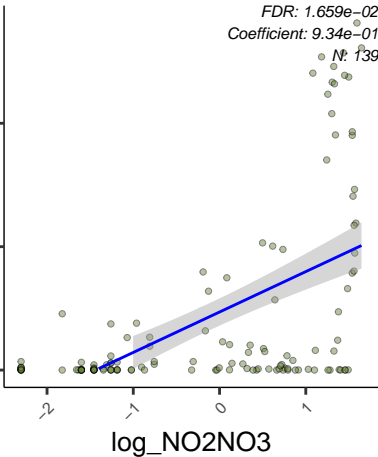
-2

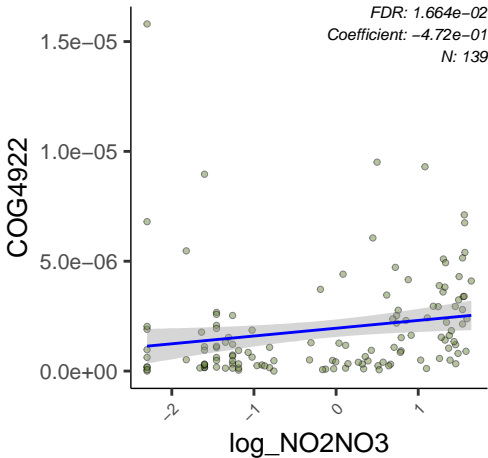
-1

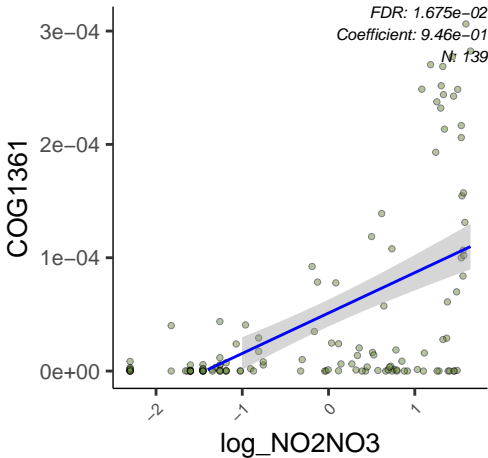
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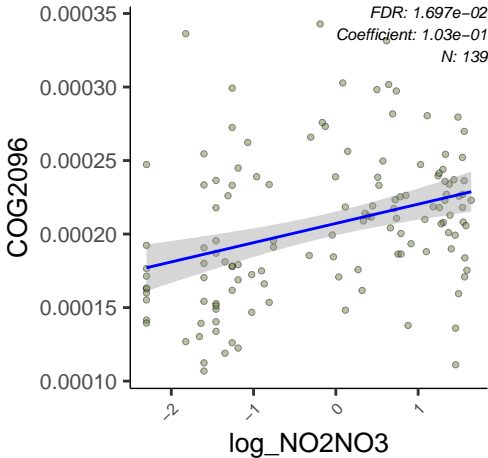
1

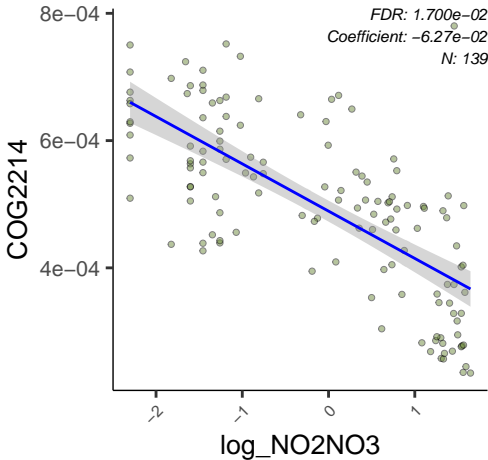
log_NO2NO3











COG1745

FDR: 1.703e-02
Coefficient: 1.14e+00
N: 139

6e-06

4e-06

2e-06

0e+00

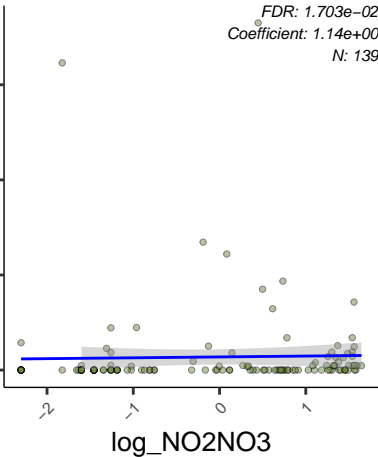
-2

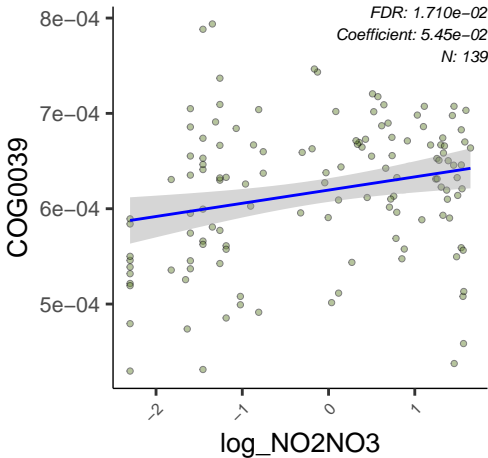
-1

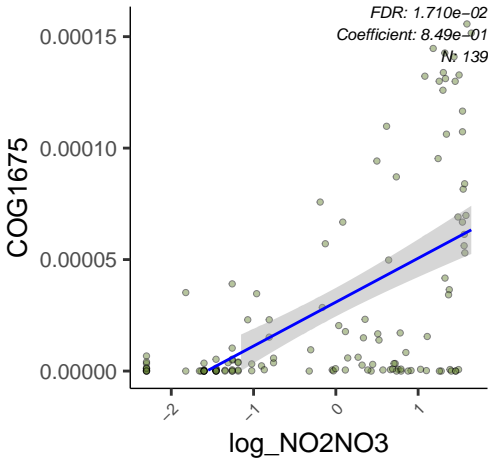
0

1

log_NO2NO3







COG4307

FDR: 1.710e-02
Coefficient: -3.34e-01
N: 139

9e-05

6e-05

3e-05

0e+00

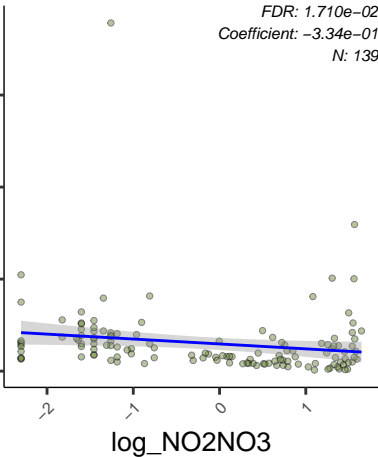
-2

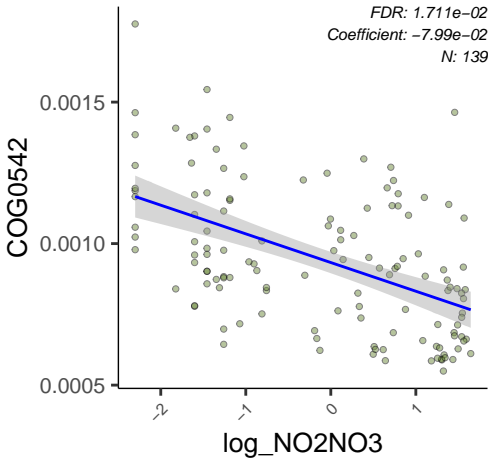
-1

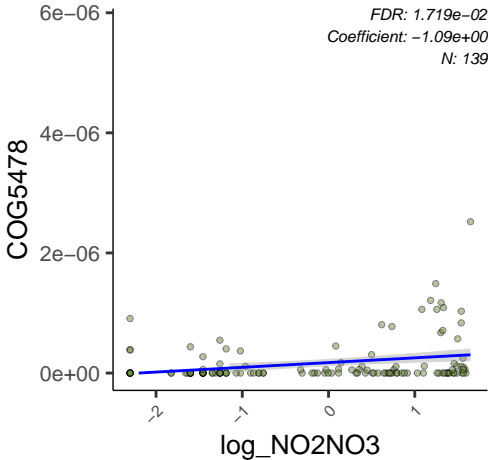
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1

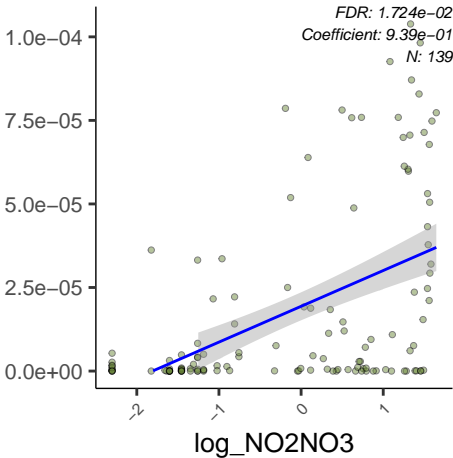
log_NO2NO3

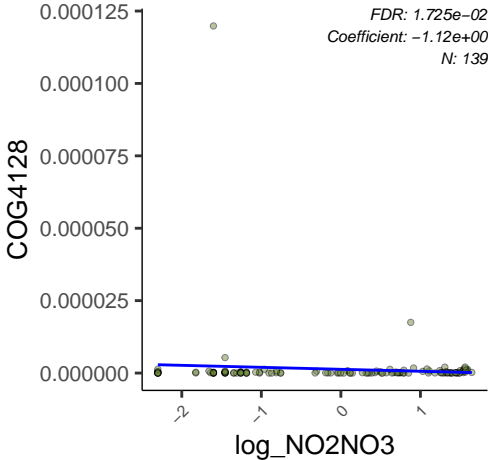


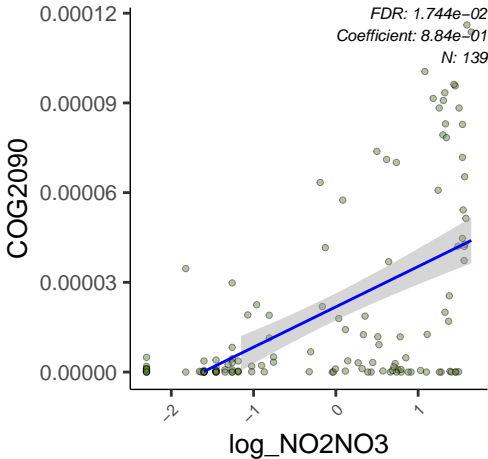


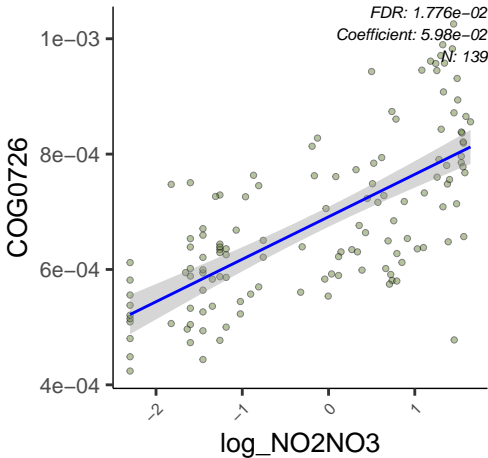


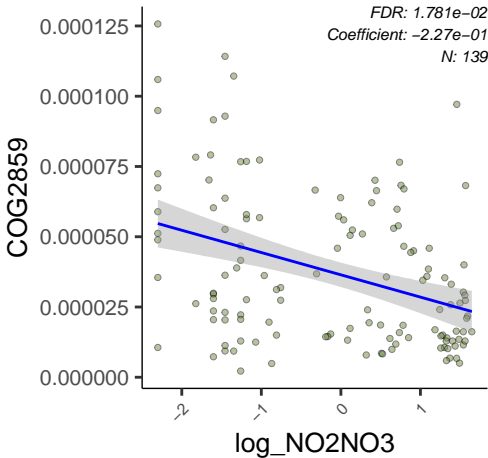
COG1756

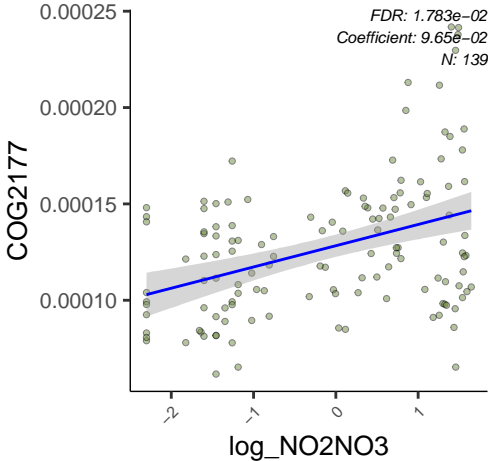


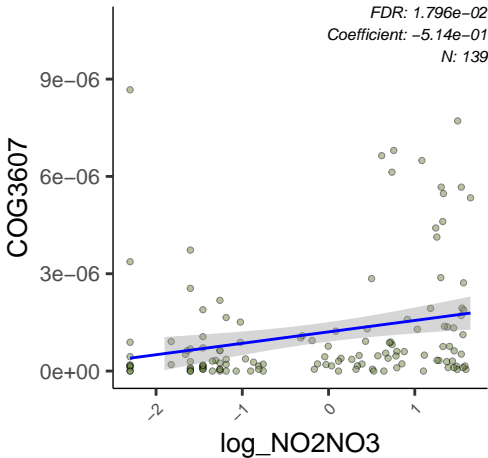


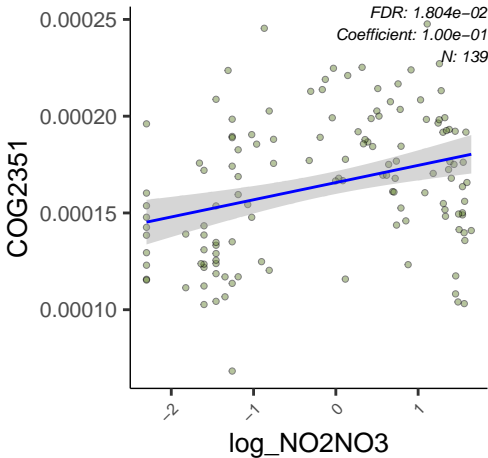


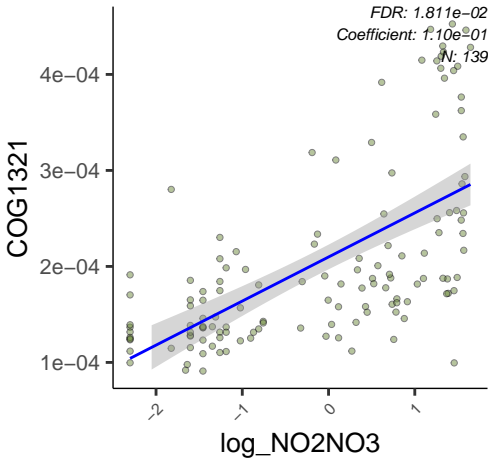












COG4266

FDR: $1.823e-02$
Coefficient: $1.46e-01$
N: 139

$2e-04$

$1e-04$

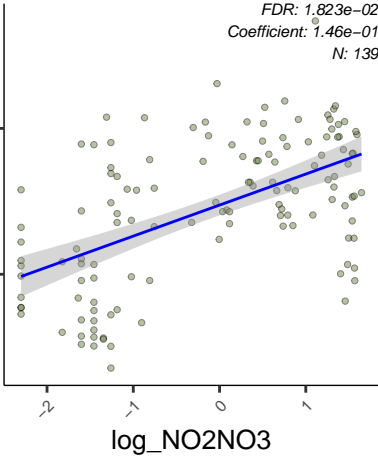
-2

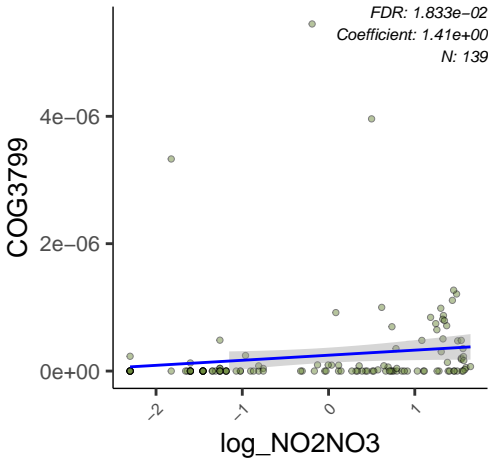
-1

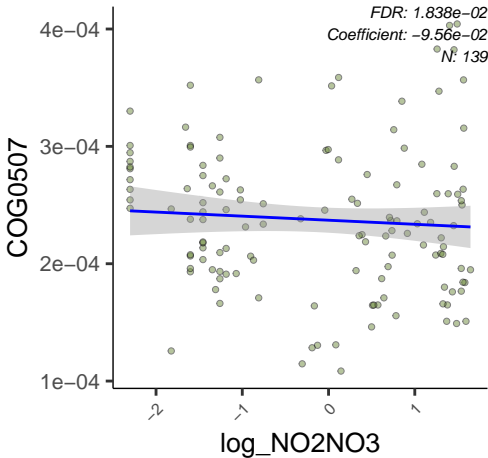
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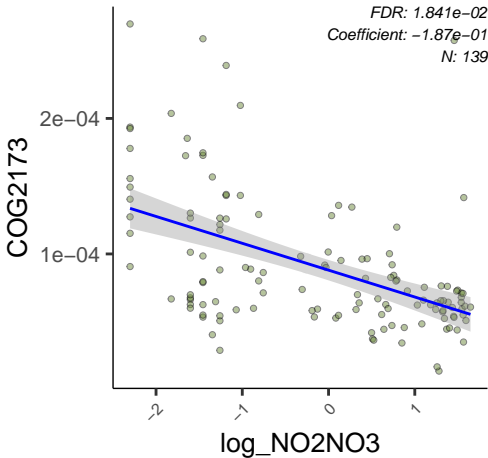
1

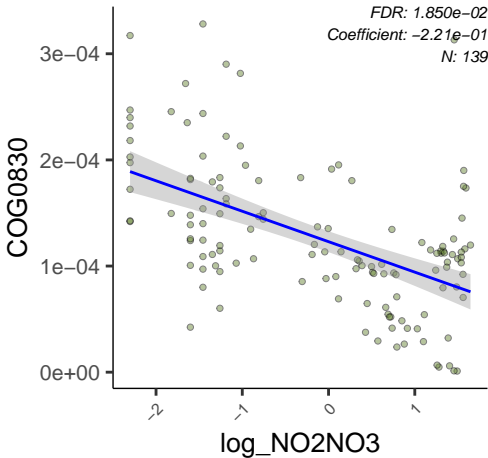
log_NO2NO3

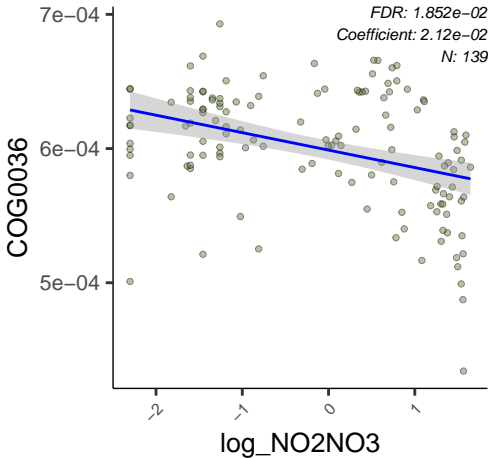




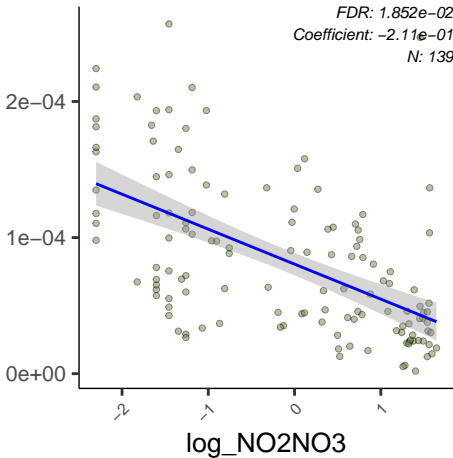








COG0857



COG1313

FDR: 1.852e-02
Coefficient: 8.32e-01
N: 139

6e-05
4e-05
2e-05
0e+00

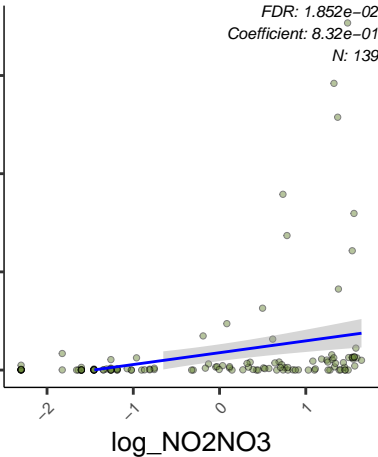
-2

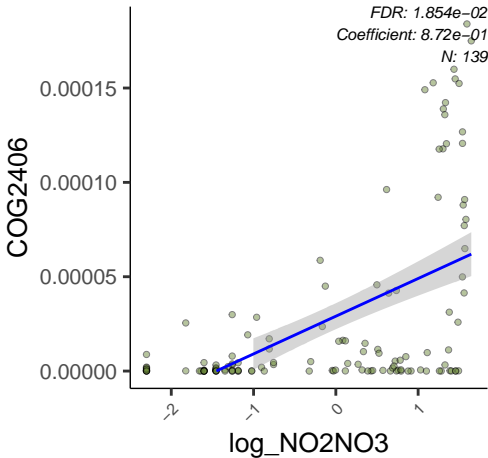
-1

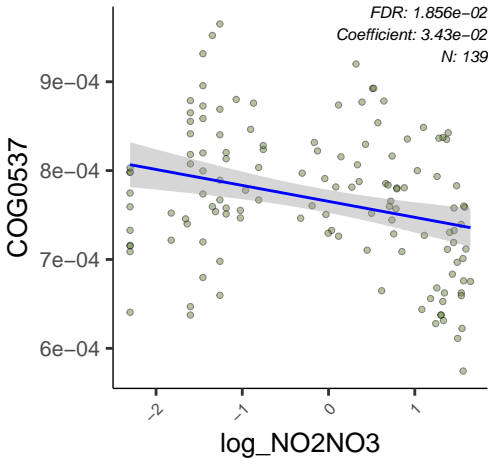
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1

log_NO2NO3







COG1759

FDR: $1.868e-02$
Coefficient: $4.03e-01$
N: 139

$3e-04$

$2e-04$

$1e-04$

$0e+00$

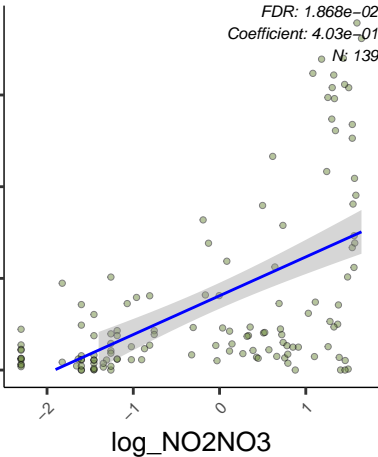
-2

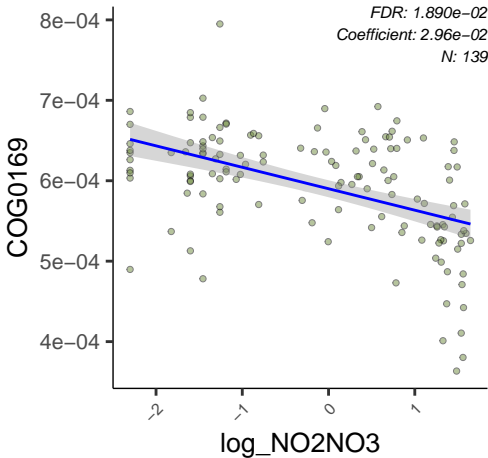
-1

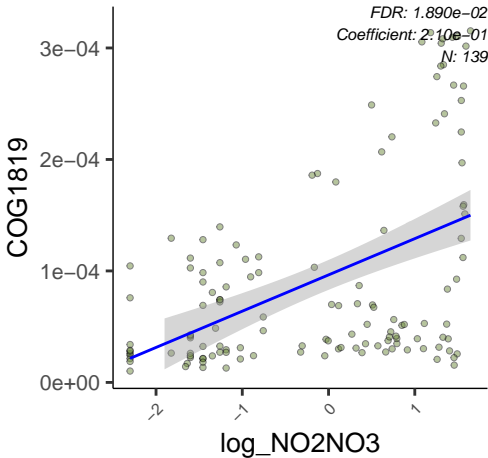
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1

log_NO2NO3







COG1897

$3e-04$

$2e-04$

$1e-04$

FDR: 1.891e-02

Coefficient: -1.59e-01

N: 139

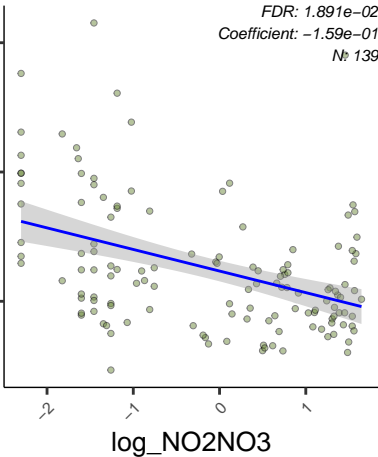
-2

-1

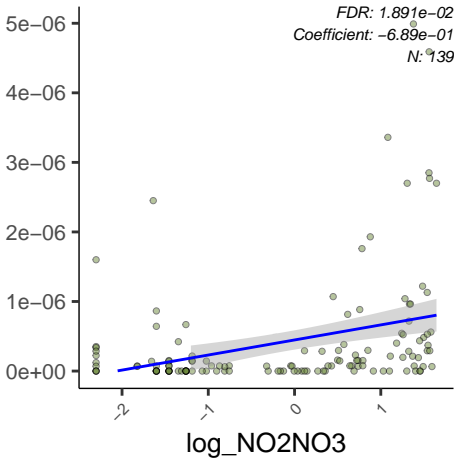
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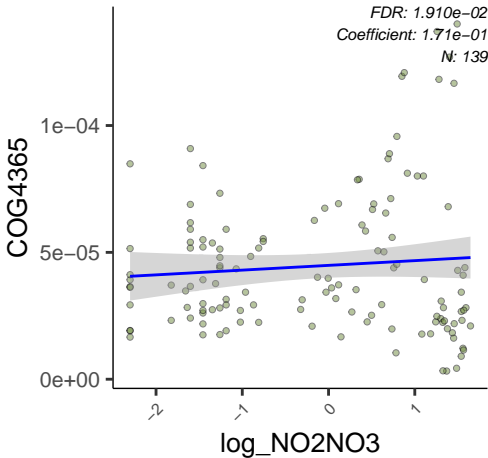
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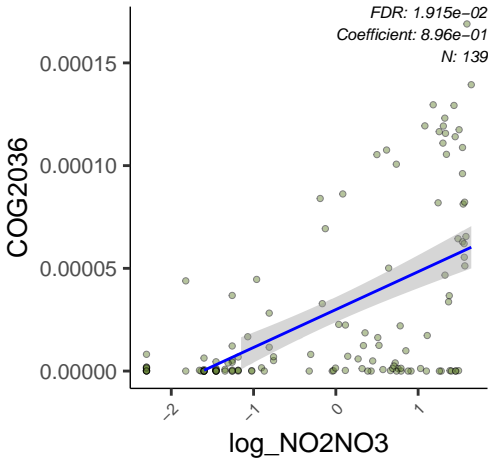
log_NO2NO3

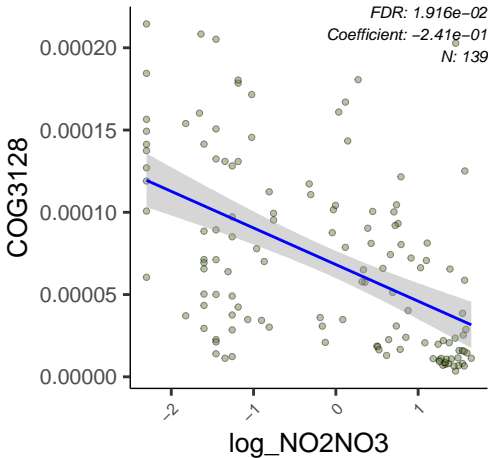


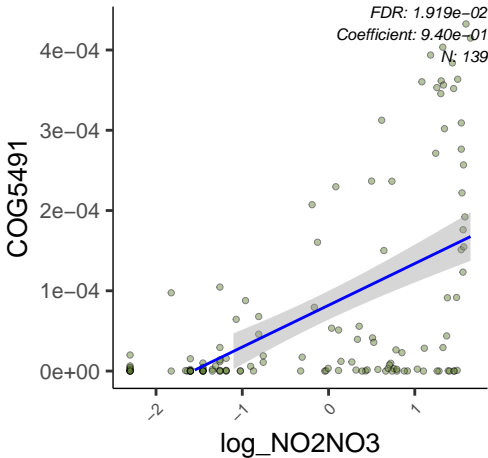
COG4744

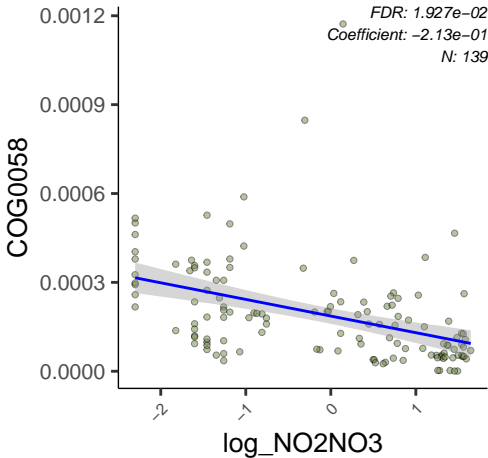


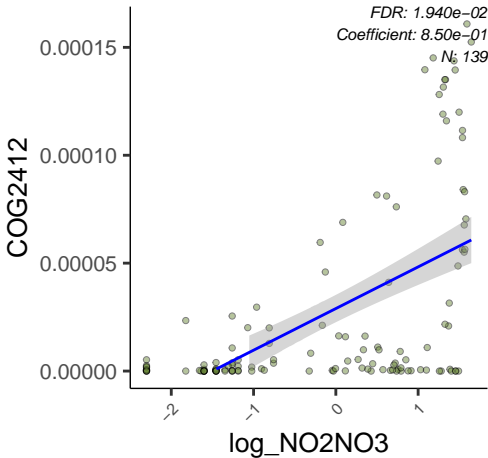


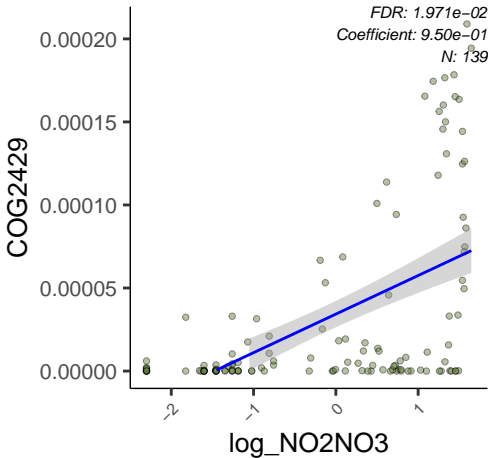




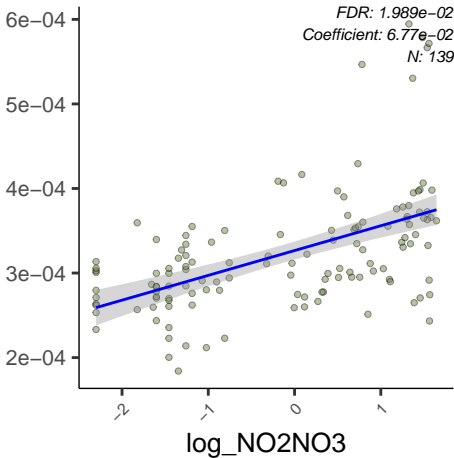


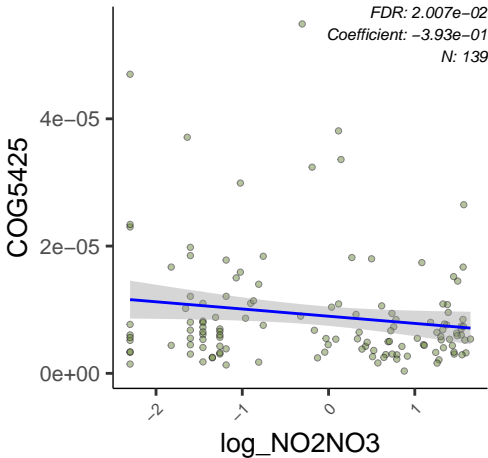






COG0677





COG3197

FDR: 2.012e-02
Coefficient: -5.91e-01
N: 139

2.0e-05

1.5e-05

1.0e-05

5.0e-06

0.0e+00

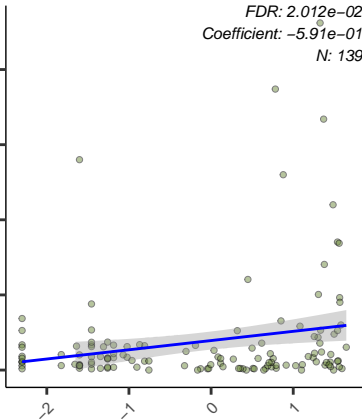
2

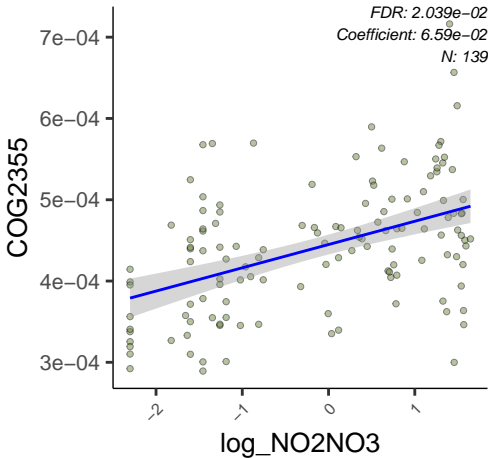
1

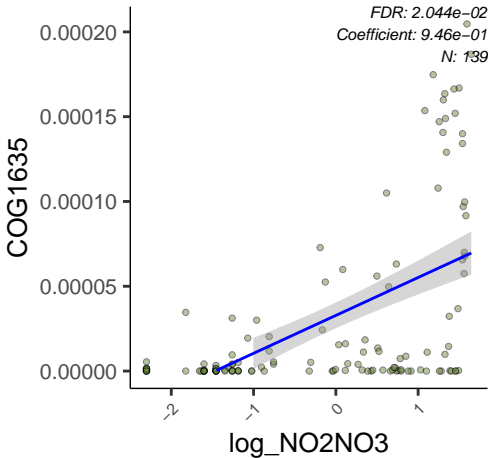
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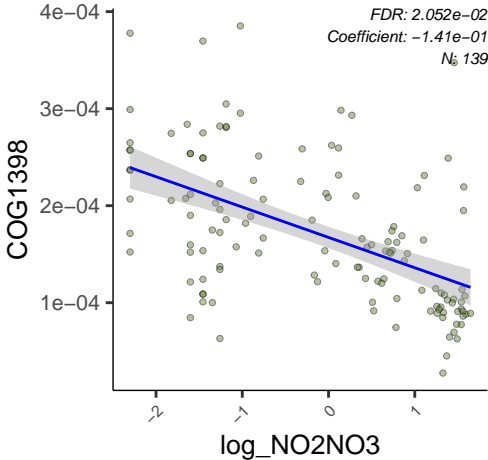
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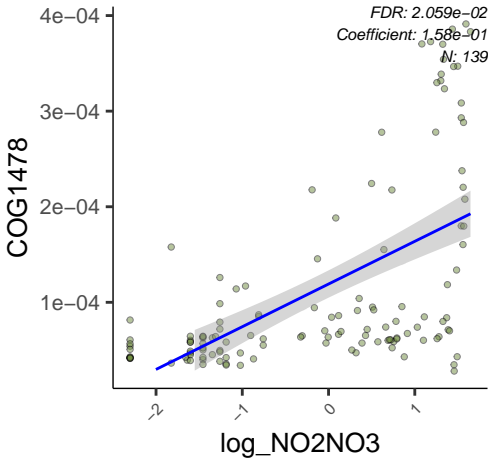
log_NO2NO3

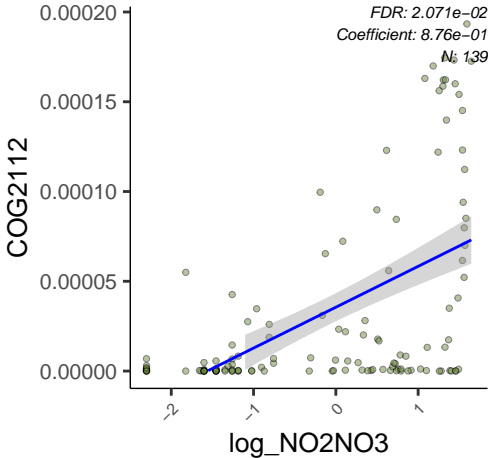


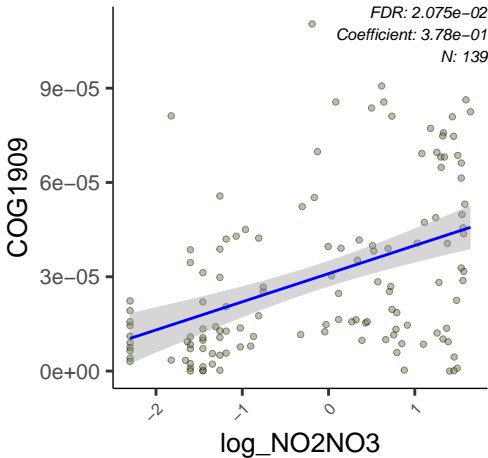


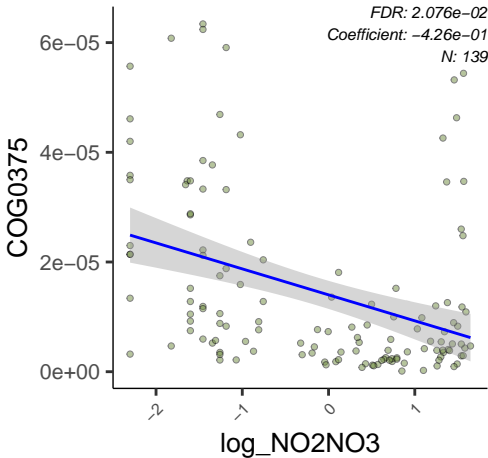


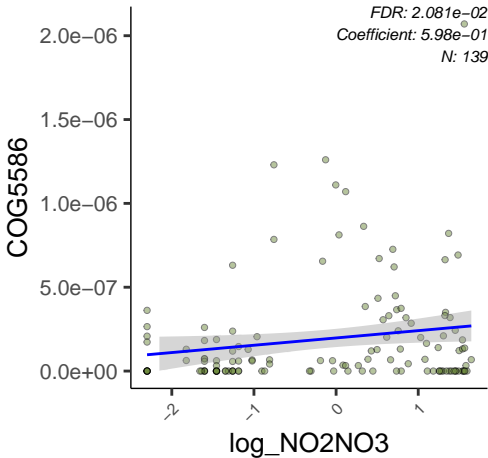


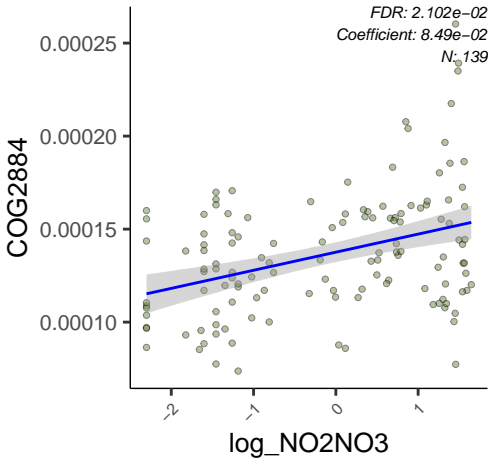


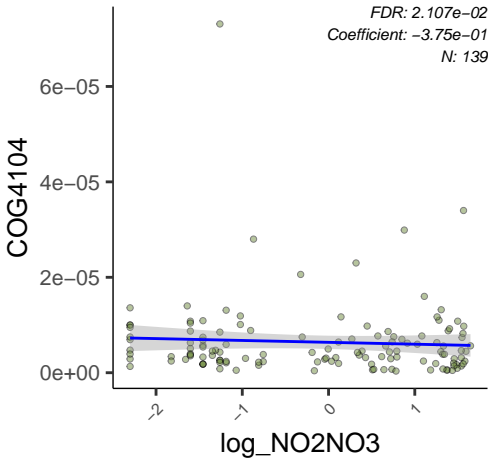


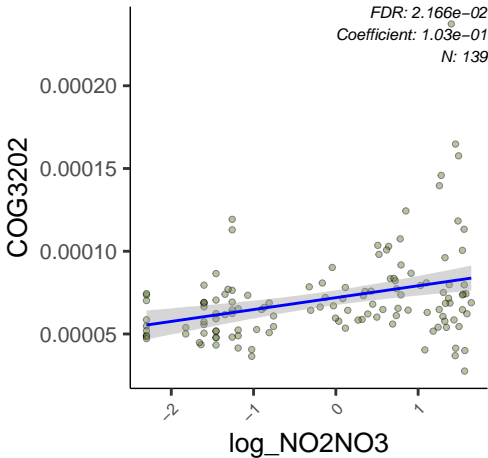


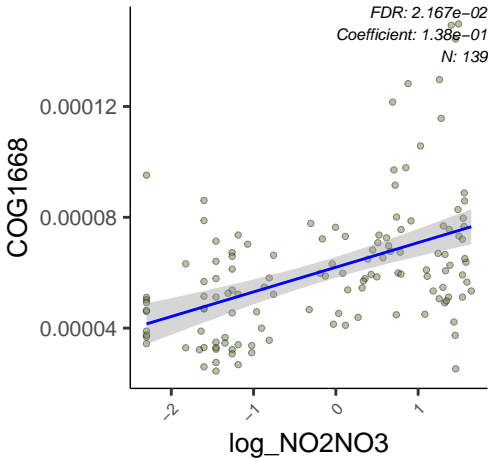


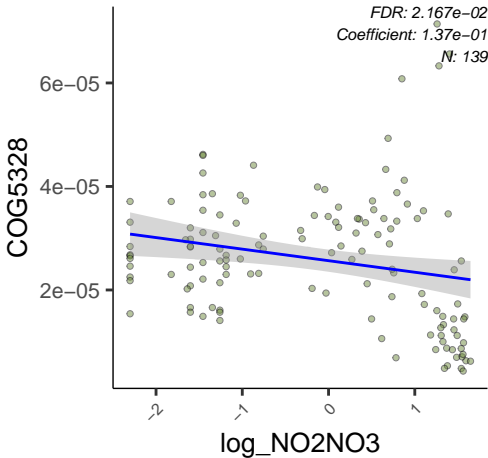












COG4850

FDR: $2.173e-02$
Coefficient: $-4.04e-01$
N: 139

$6e-05$

$4e-05$

$2e-05$

$0e+00$

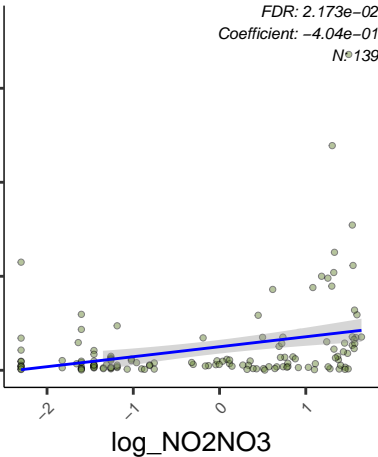
-2

-1

0

1

log_NO2NO3



COG0423

FDR: $2.184e-02$
Coefficient: $7.84e-02$
N: 139

$5e-04$

$4e-04$

$3e-04$

$2e-04$

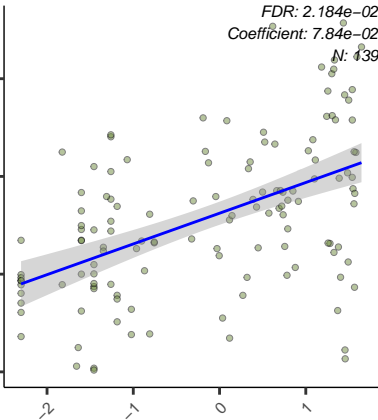
-2

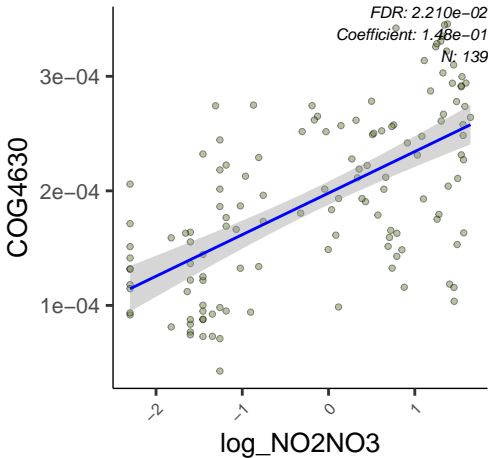
-1

0

1

log_NO2NO3





COG4247

FDR: 2.215e-02
Coefficient: 1.55e-01
N: 139

0.00015

0.00010

0.00005

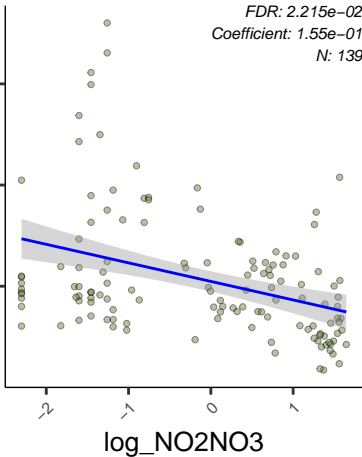
-2

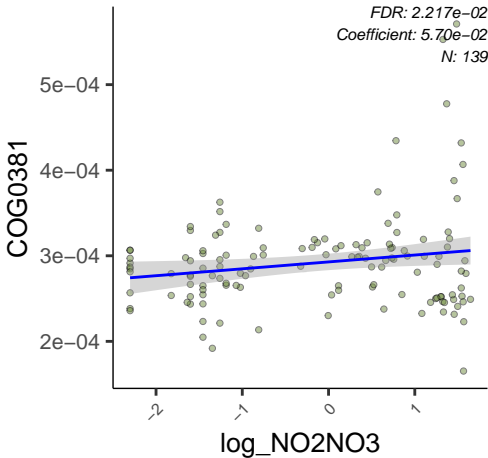
-1

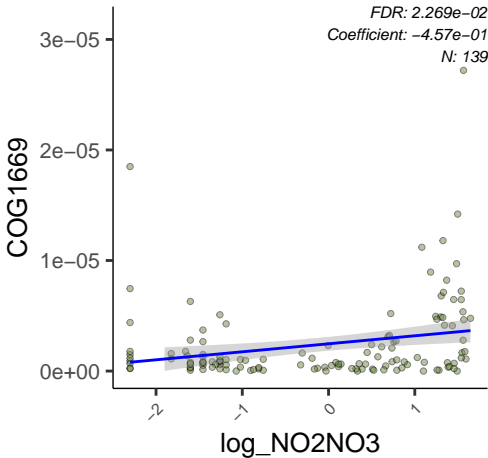
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1

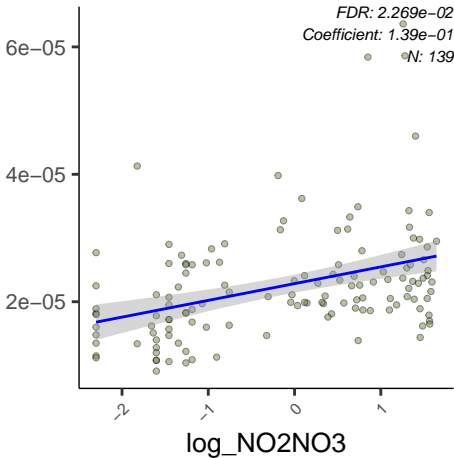
log_NO2NO3

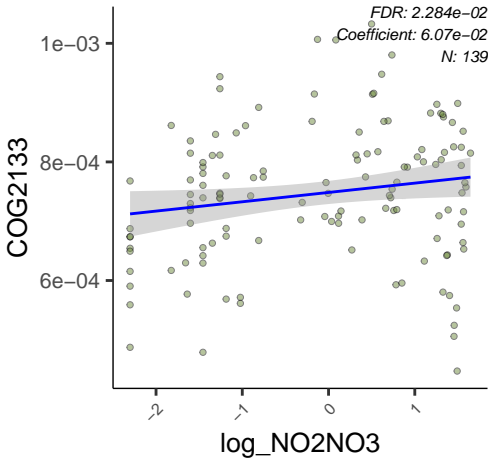


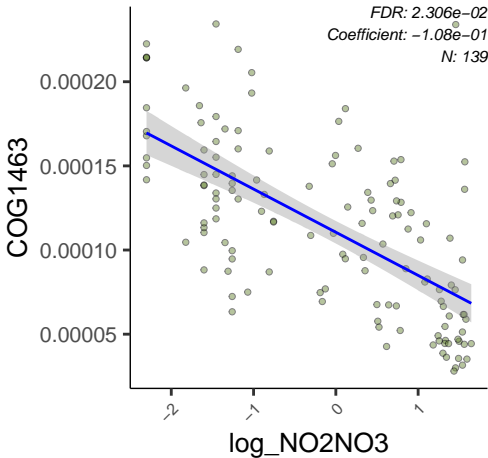


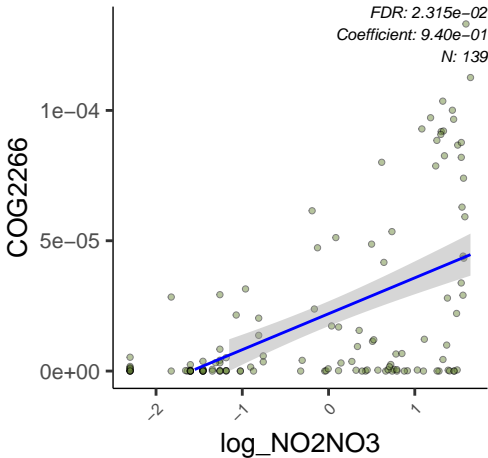


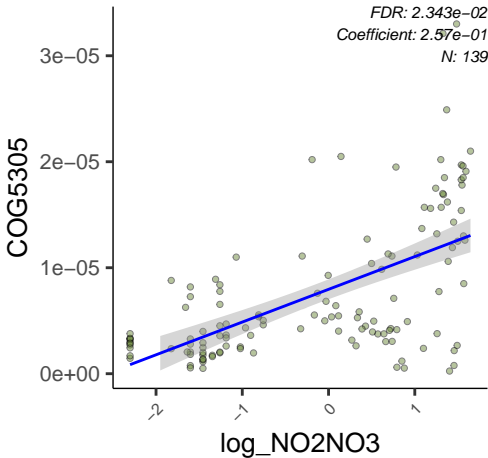
COG3737

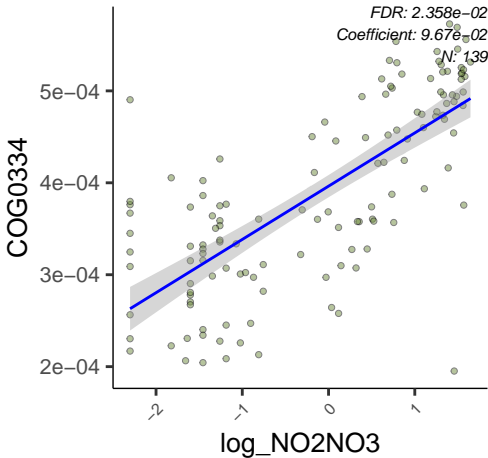


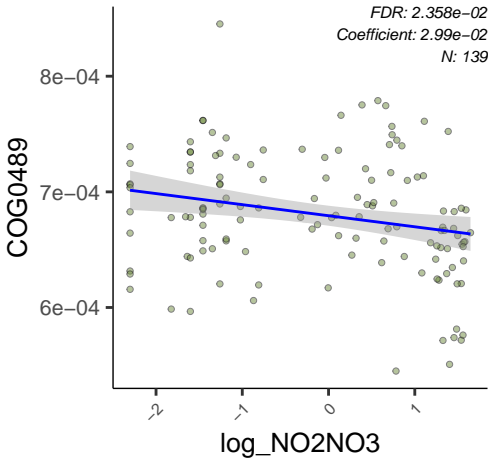


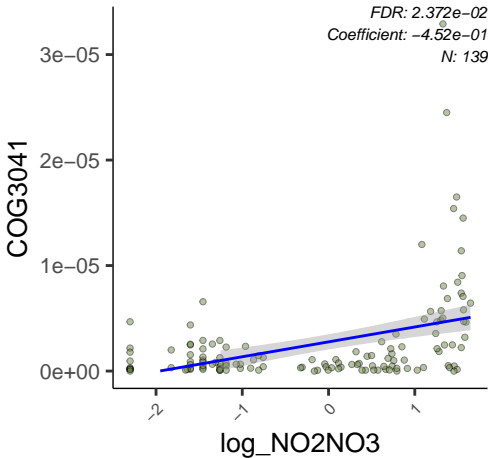


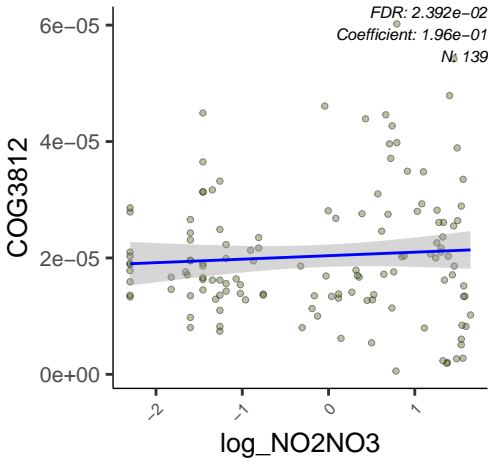


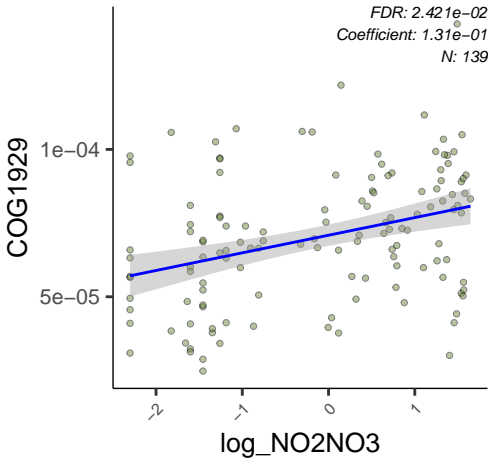


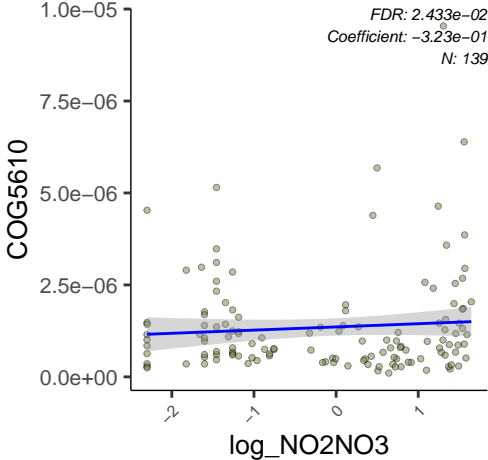


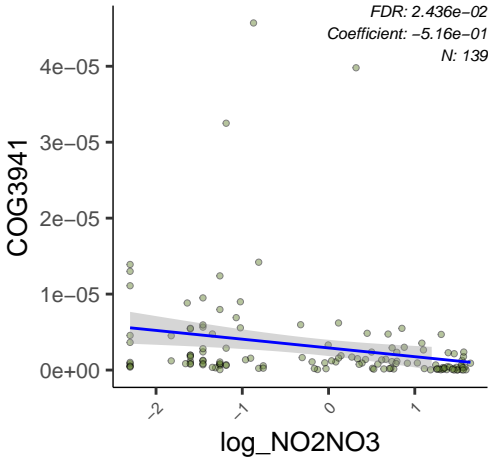




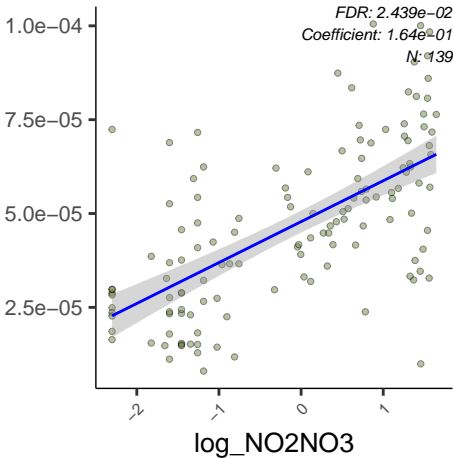


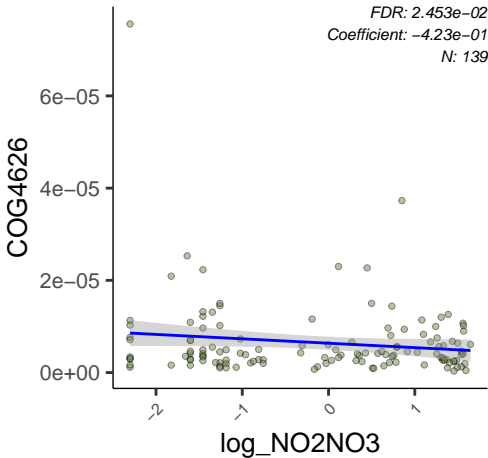


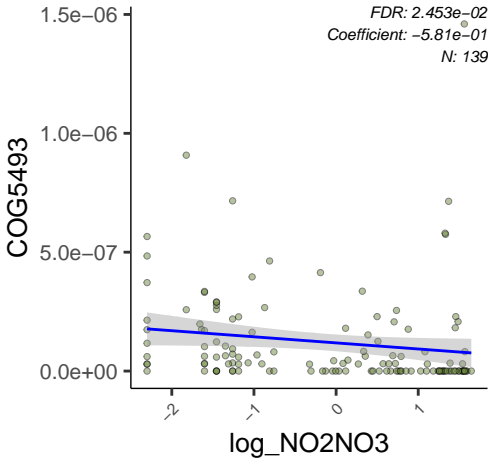




COG3186







COG1505

FDR: 2.479e-02
Coefficient: 1.01e-01
N: 139

0.00020

0.00015

0.00010

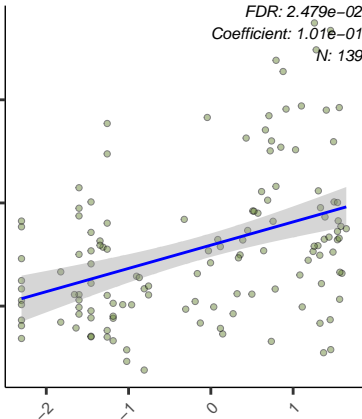
-2

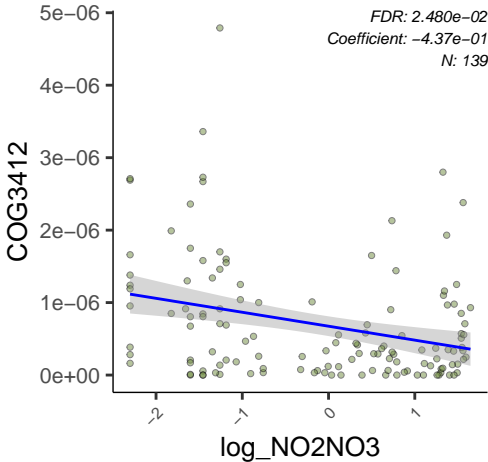
-1

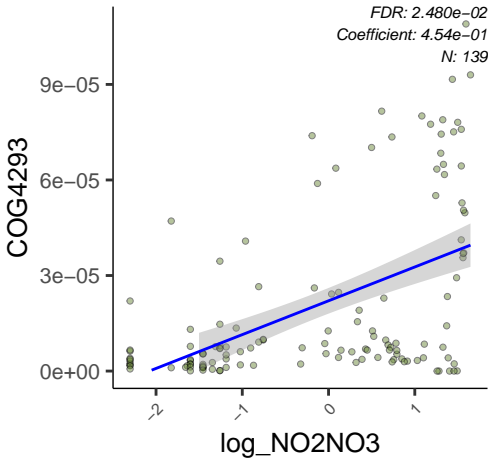
0

1

log_NO2NO3







COG3646

FDR: 2.490e-02

Coefficient: -8.15e-01

N: 139

3e-05

2e-05

1e-05

0e+00

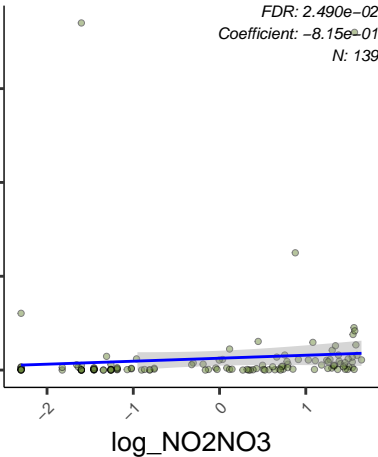
-2

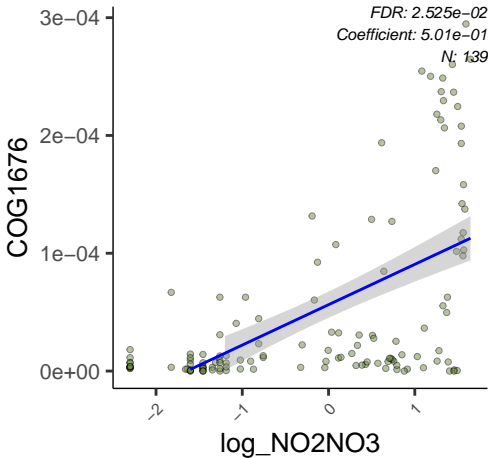
-1

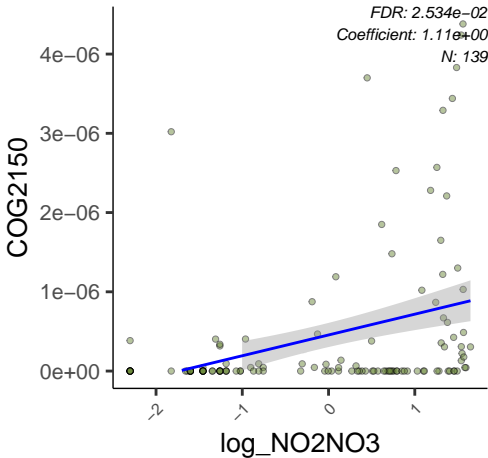
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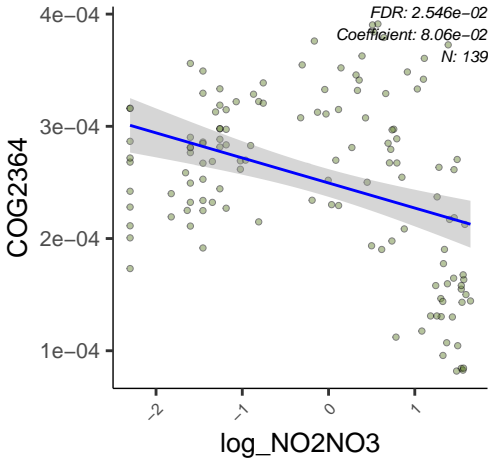
1

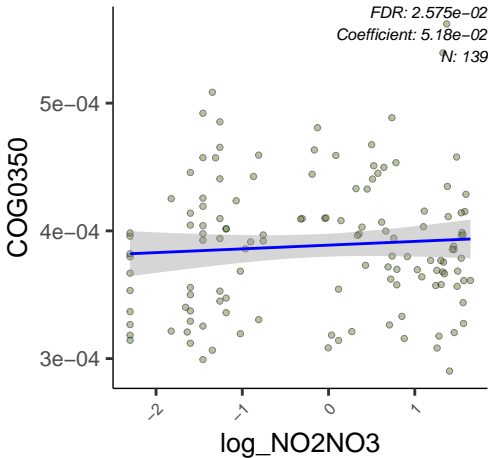
log_NO2NO3

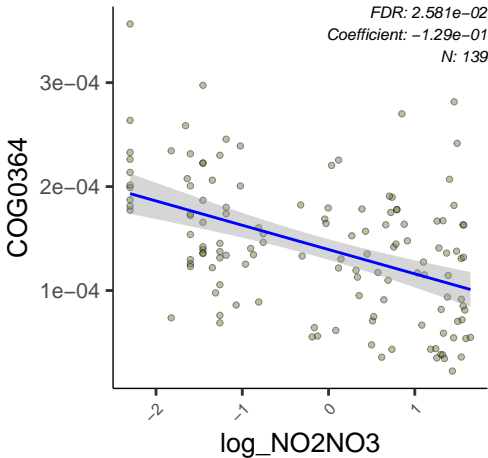












COG1055

FDR: 2.625e-02
Coefficient: 8.48e-02
N: 139

5e-04
4e-04
3e-04
2e-04
1e-04

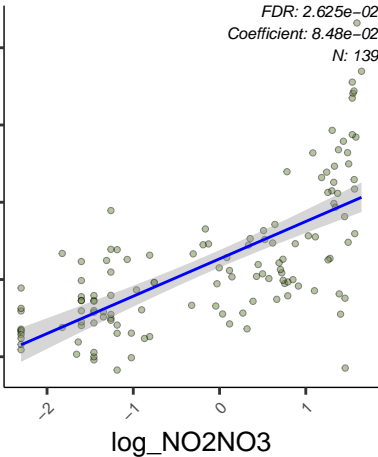
-2

-1

0

1

log_NO2NO3



COG0447

FDR: 2.626e-02
Coefficient: -1.32e-01
N: 139

3e-04

2e-04

1e-04

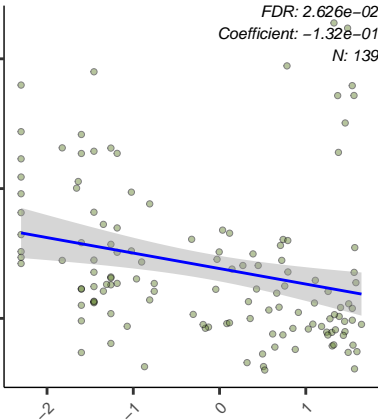
-2

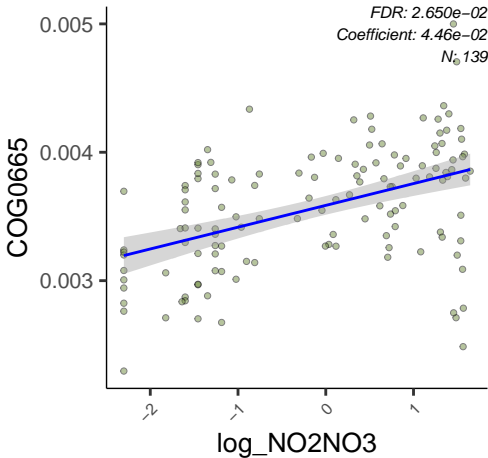
-1

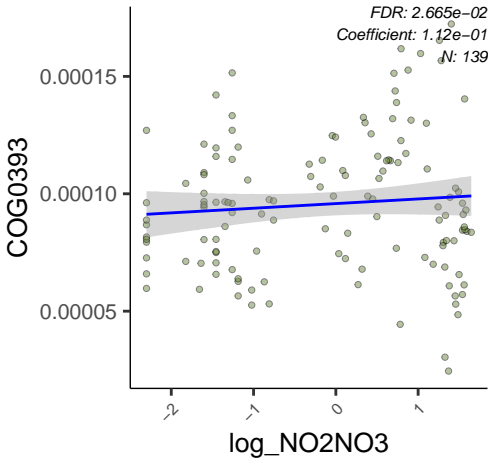
0

1

log_NO2NO3







COG0618

FDR: 2.665e-02
Coefficient: 1.15e-01
N: 139

3e-04

2e-04

1e-04

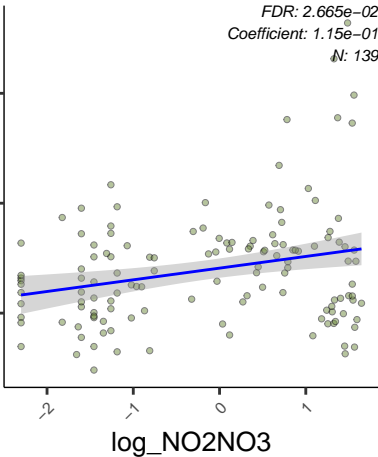
-2

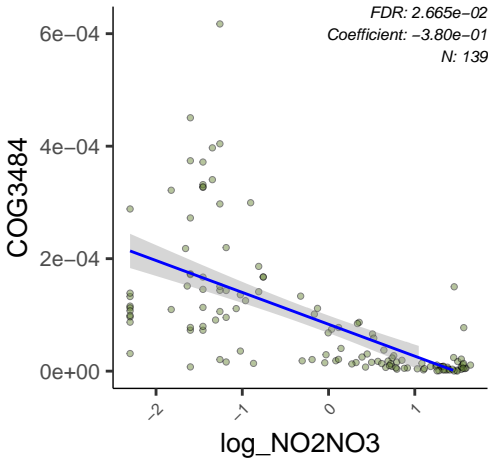
-1

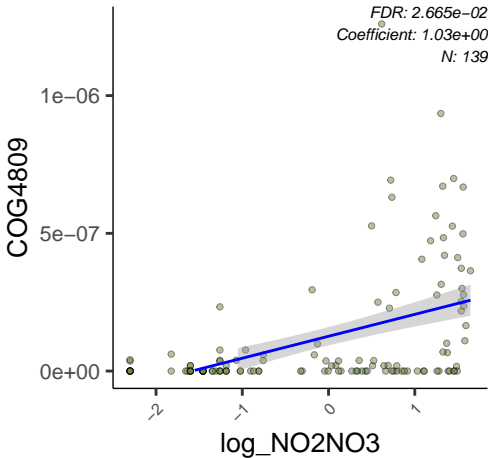
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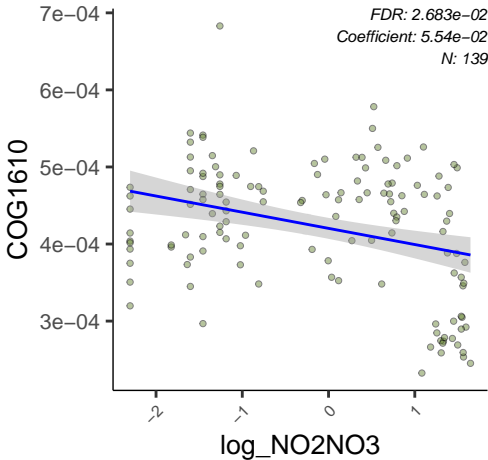
1

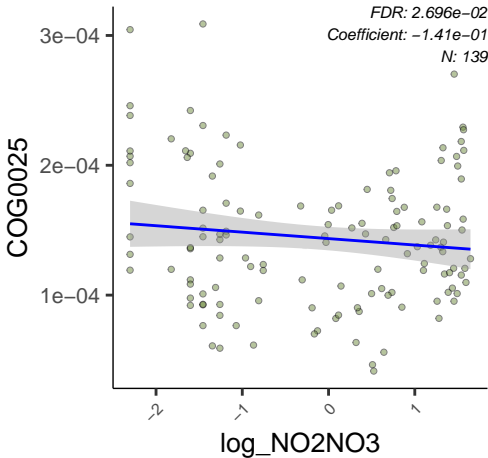
log_NO2NO3

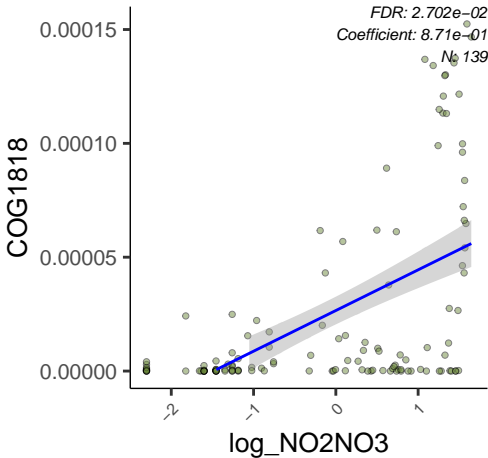












COG5226

FDR: 2.703e-02

Coefficient: 8.59e-01

N: 139

3e-07

2e-07

1e-07

0e+00

log_NO2NO3

-2

-1

0

1

COG1015

FDR: 2.709e-02
Coefficient: 1.22e-01
N: 139

0.00015

0.00010

0.00005

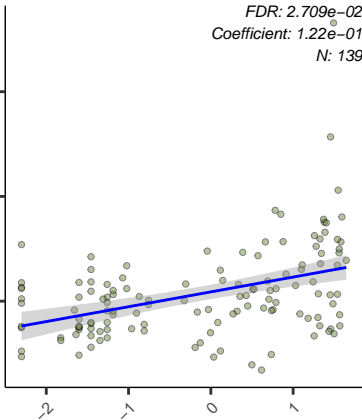
-2

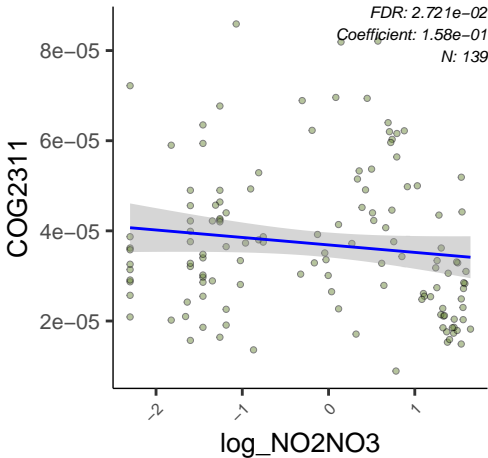
-1

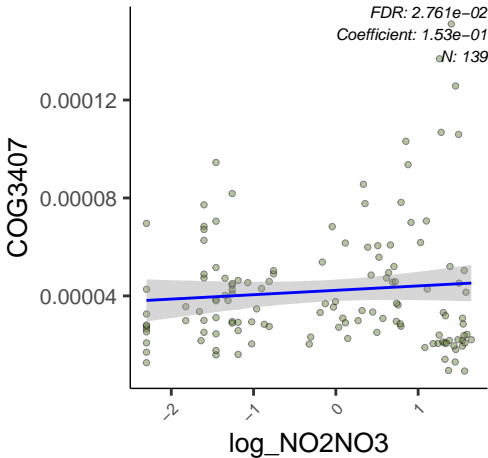
0

1

log_NO2NO3







COG0778

1e-03

8e-04

6e-04

4e-04

2

1

0

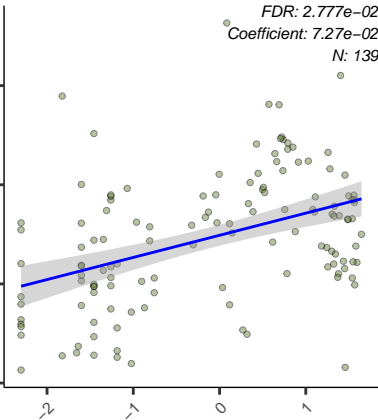
1

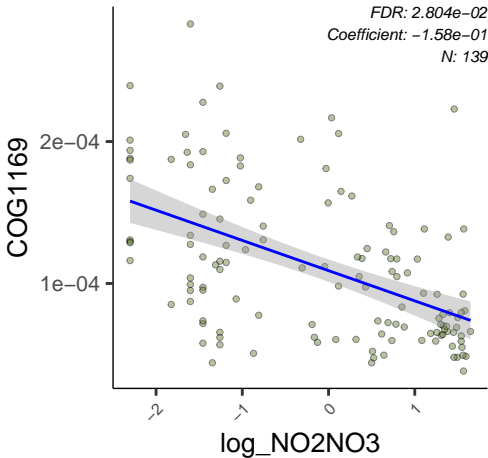
log_NO2NO3

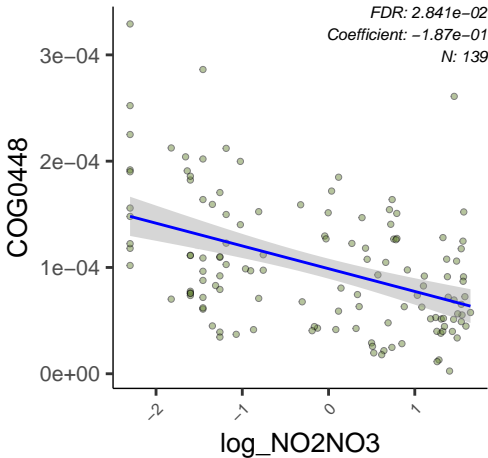
FDR: 2.777e-02

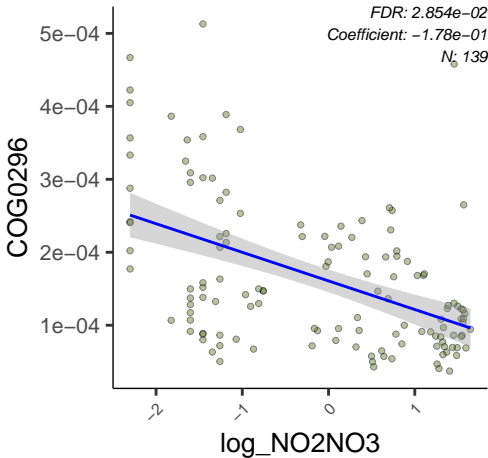
Coefficient: 7.27e-02

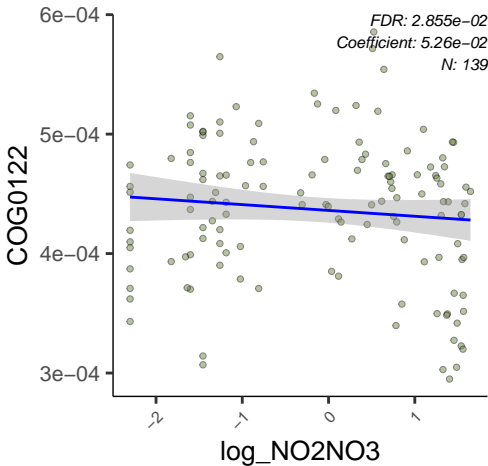
N: 139

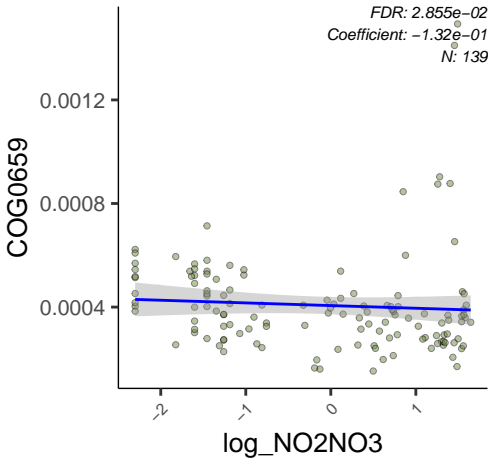


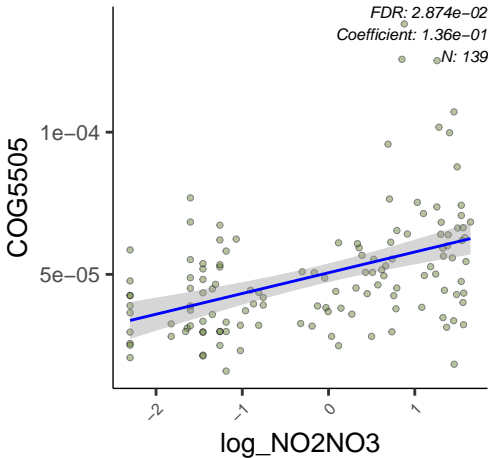












COG1825

FDR: 2.910e-02

Coefficient: 4.87e-02

N: 139

6e-04

5e-04

4e-04

3e-04

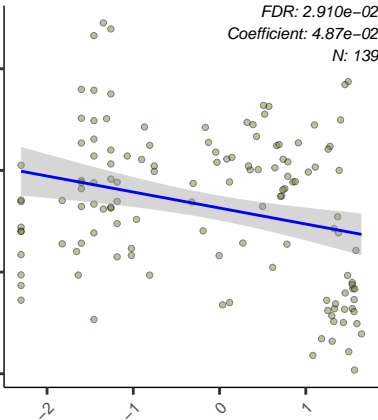
-2

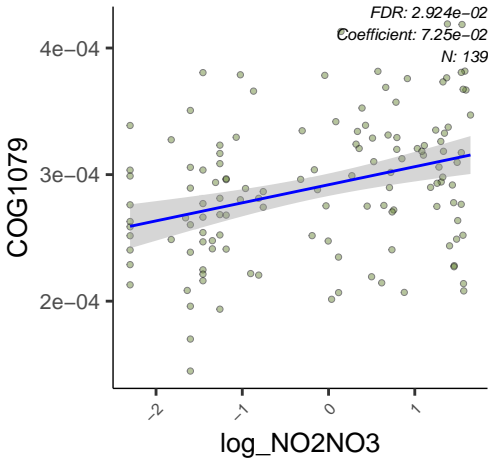
-1

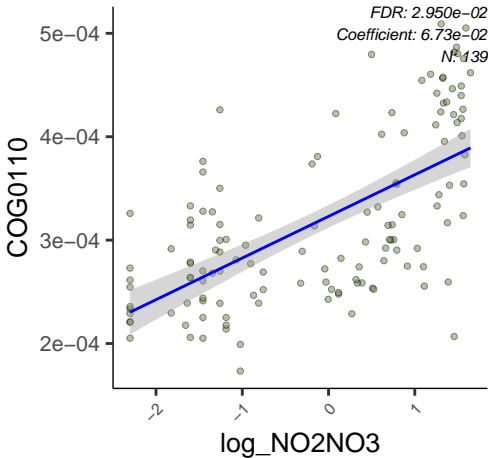
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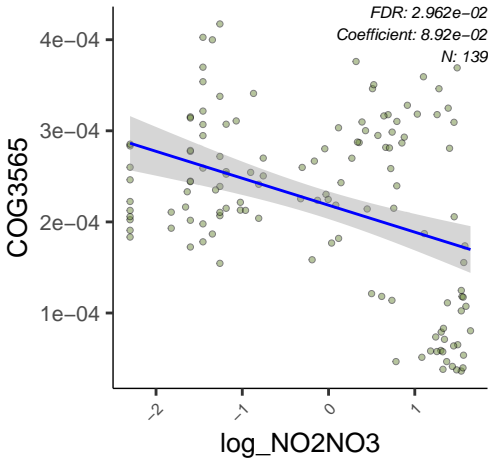
1

log_NO2NO3









COG3142

$1e-04$

$5e-05$

FDR: 2.968e-02

Coefficient: 1.26e-01

N: 139

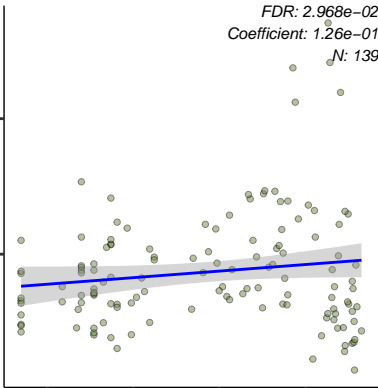
-2

-1

0

1

log_NO2NO3



COG0197

FDR: 3.011e-02
Coefficient: 5.00e-02
N: 139

6e-04

5e-04

4e-04

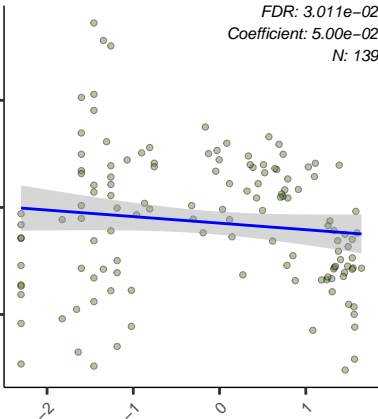
-2

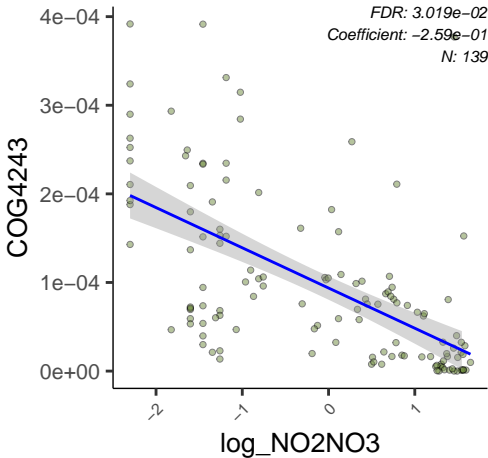
-1

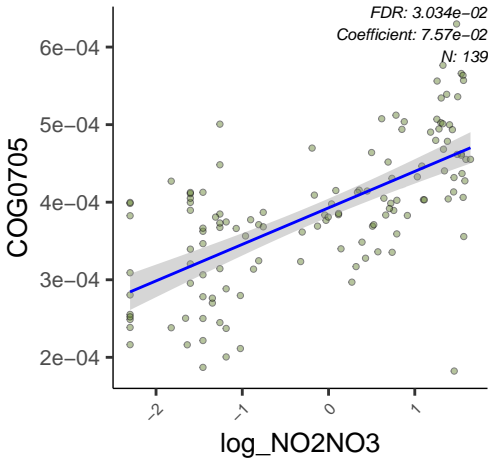
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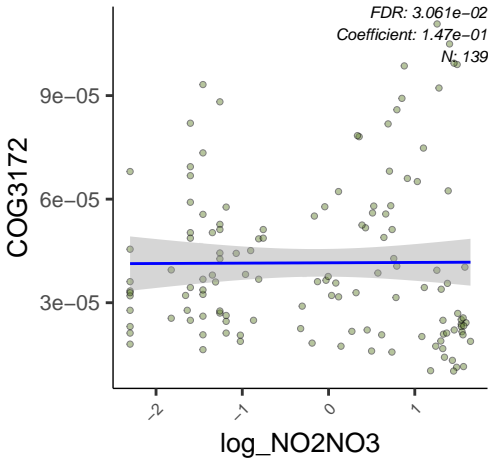
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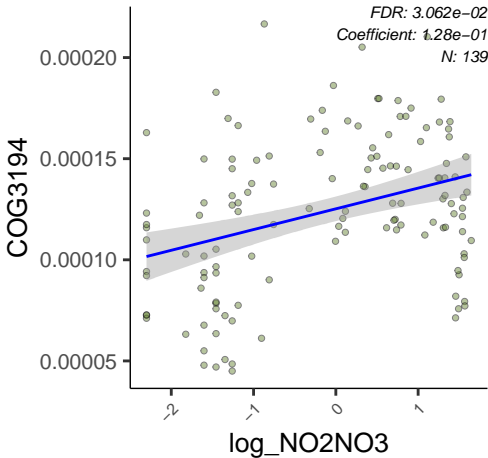
log_NO2NO3

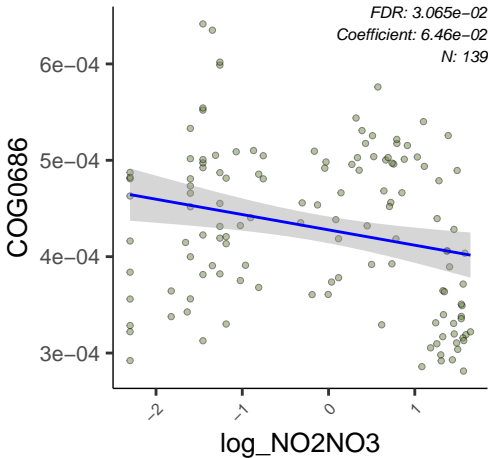


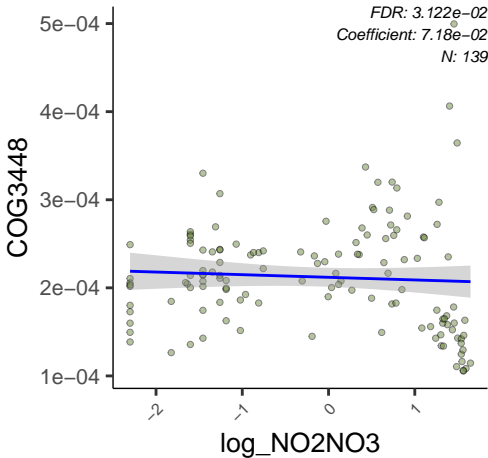












COG1165

$3e-04$

$2e-04$

$1e-04$

-2

-1

0

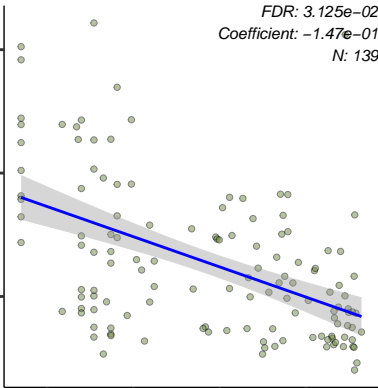
1

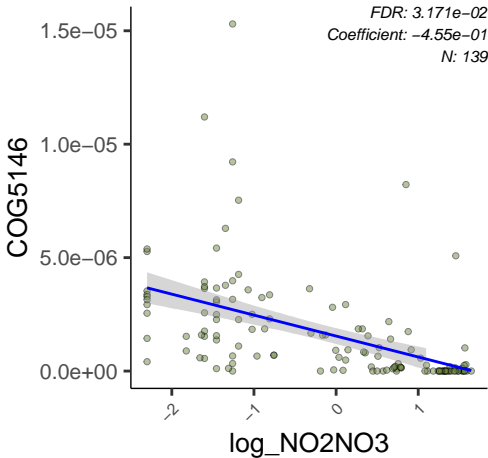
log_NO2NO3

FDR: $3.125e-02$

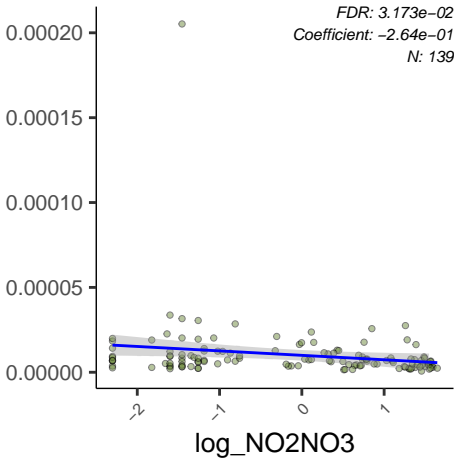
Coefficient: $-1.47e-01$

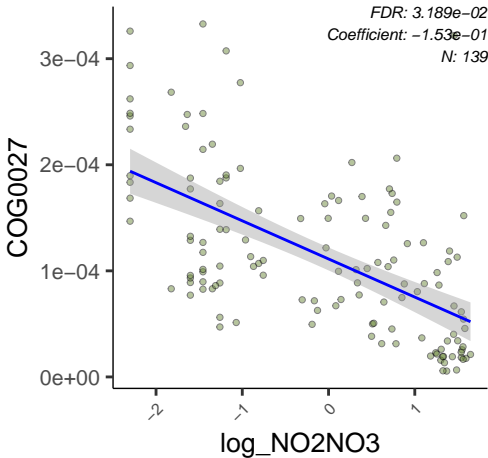
N: 139

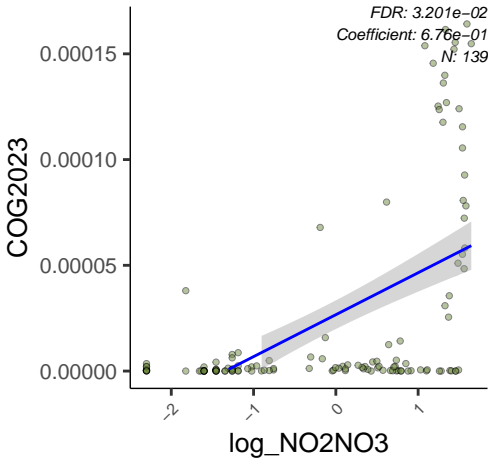


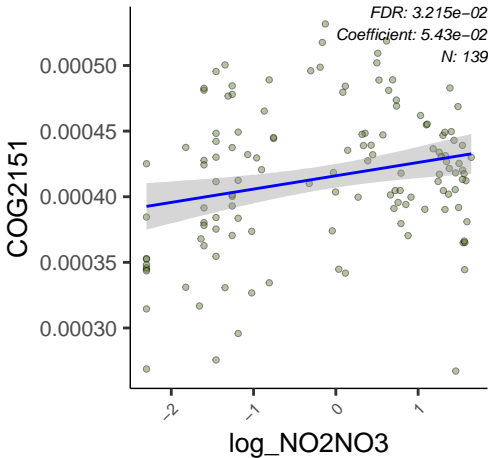


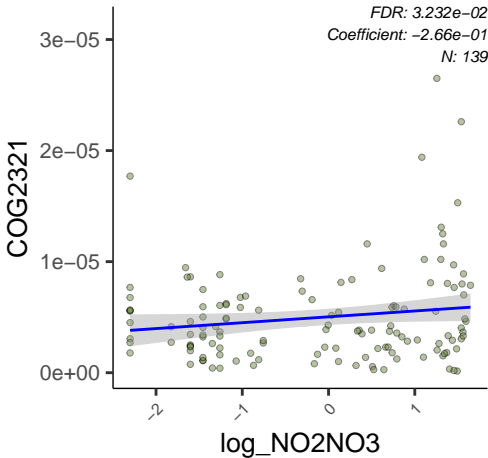
COG5108

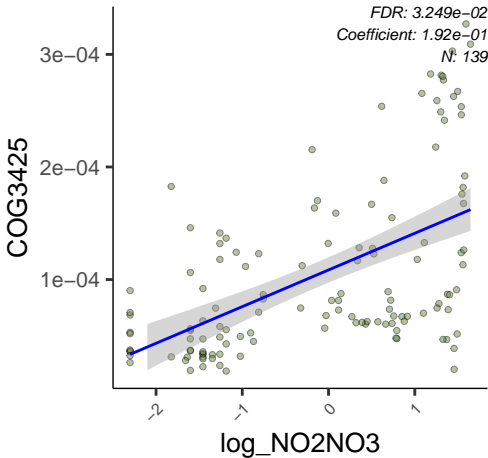


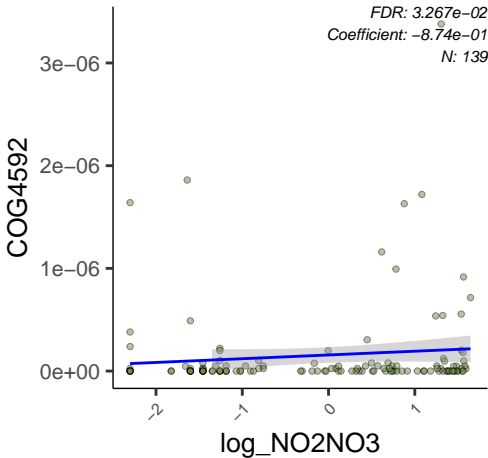


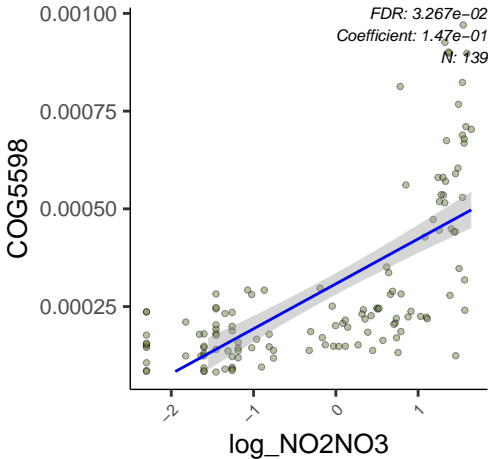


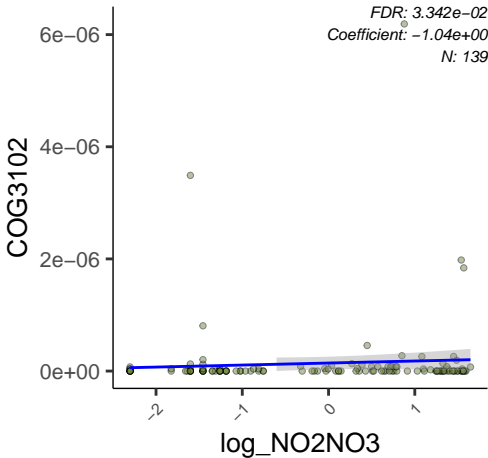


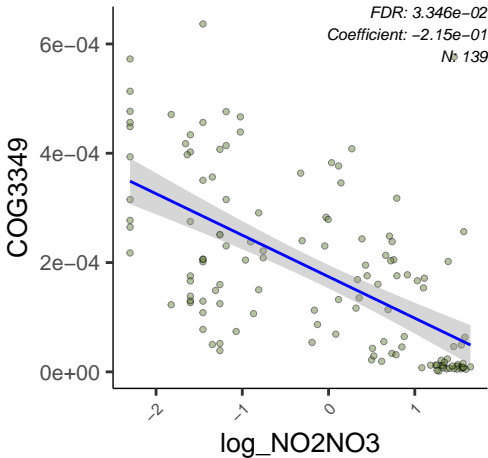


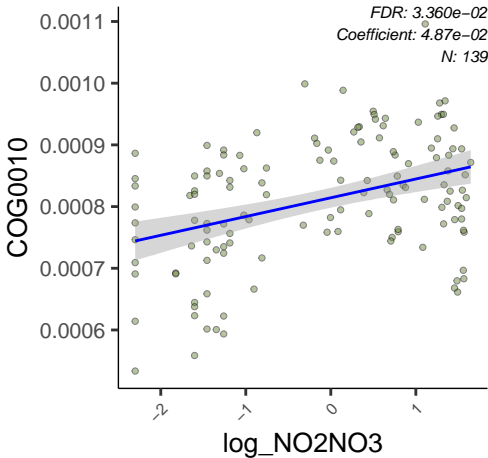


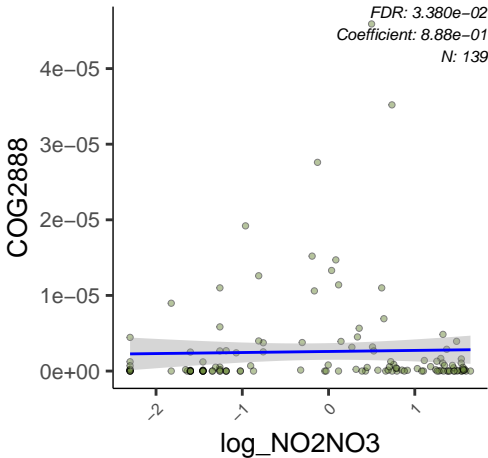












COG4485

FDR: 3.382×10^{-2}
Coefficient: 2.09×10^0
N: 139

2.0×10^{-6}

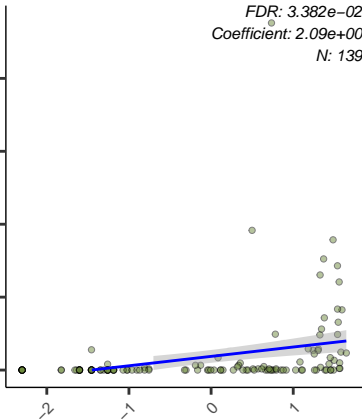
1.5×10^{-6}

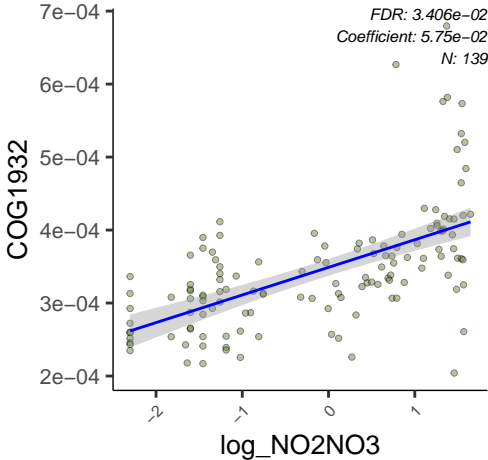
1.0×10^{-6}

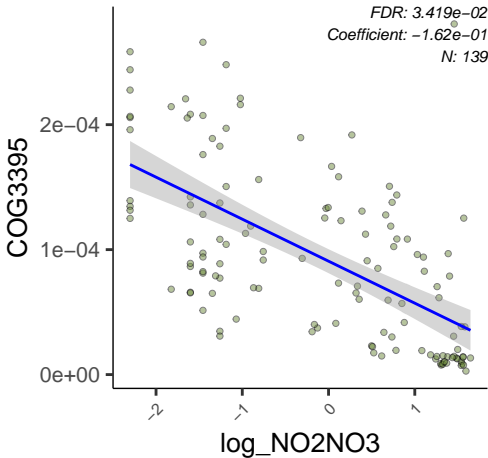
5.0×10^{-7}

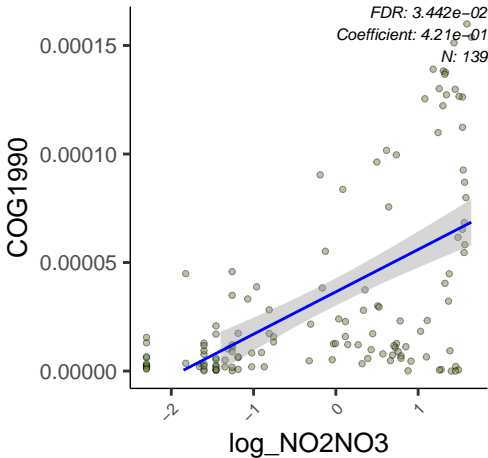
0.0×10^0

log_NO2NO3

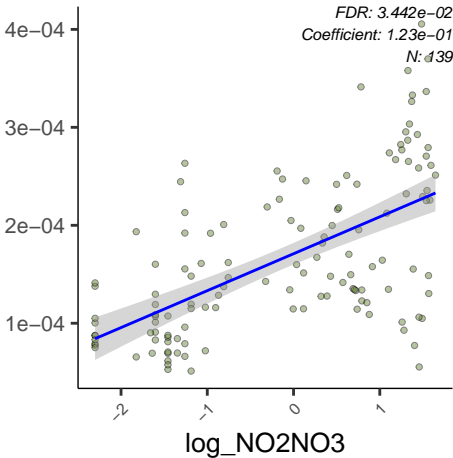


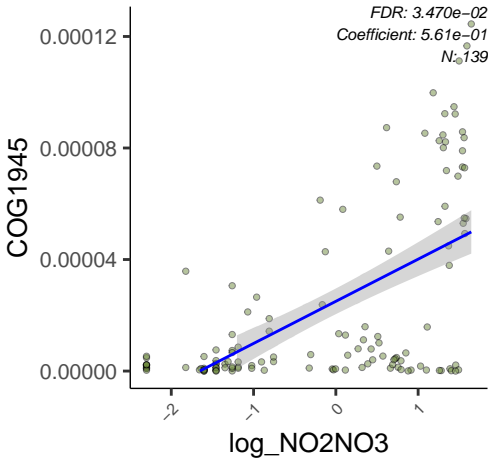




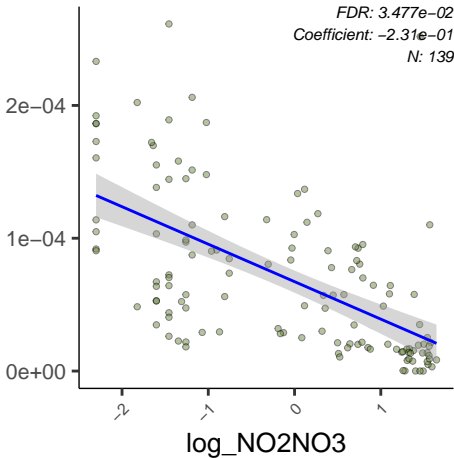


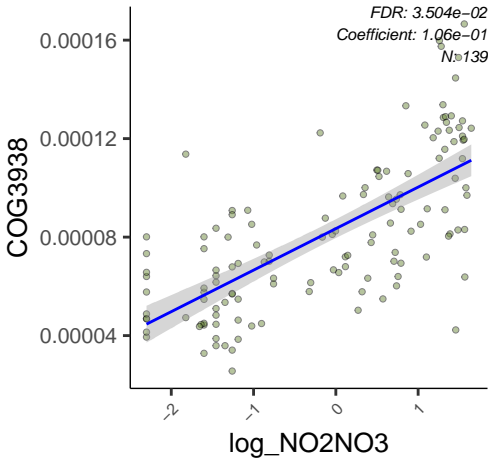
COG4198



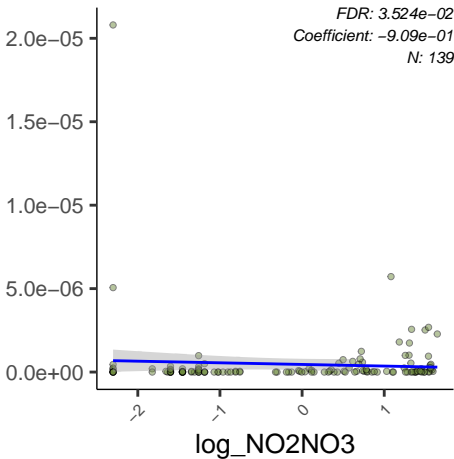


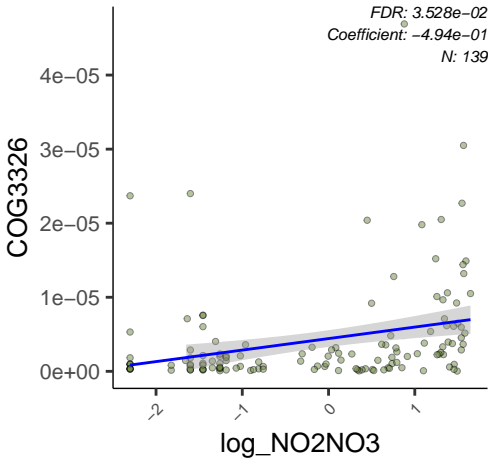
COG4956

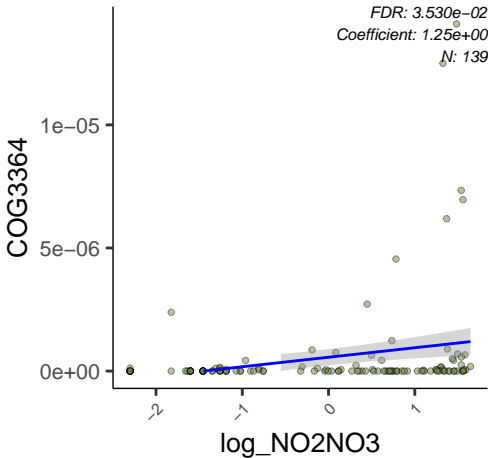


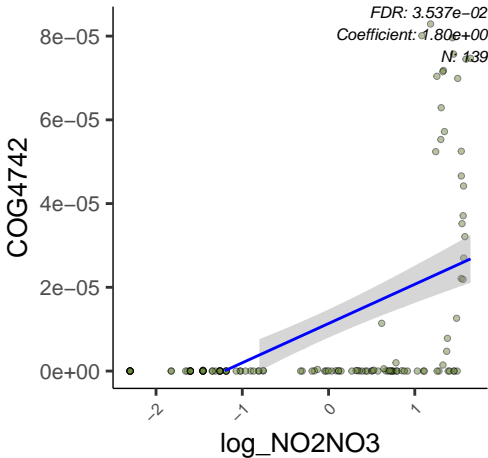


COG3976









COG1696

FDR: 3.553e-02
Coefficient: 1.05e-01
N: 139

0.00015

0.00010

0.00005

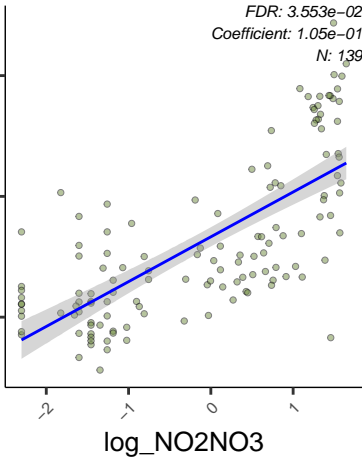
-2

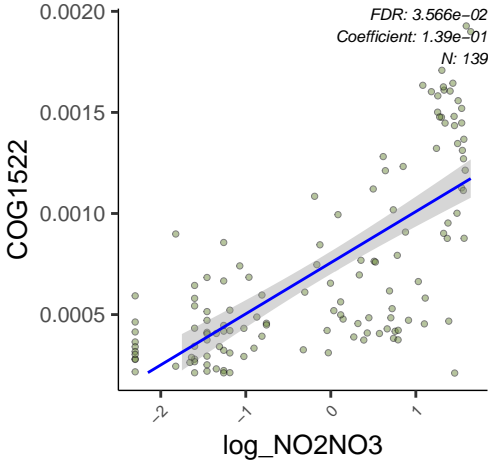
-1

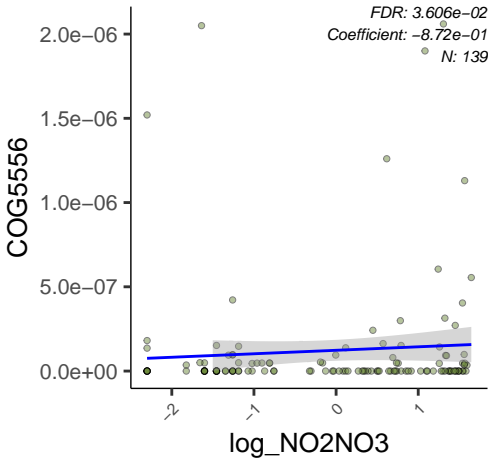
0

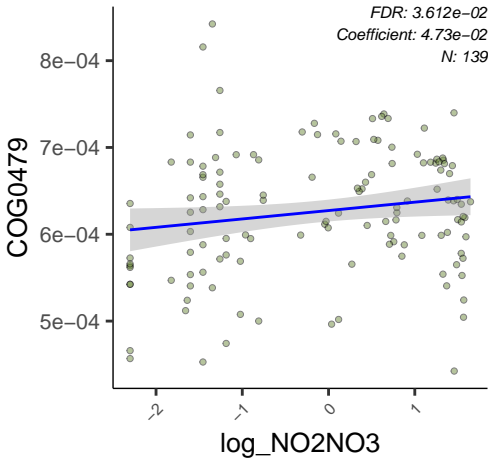
1

log_NO2NO3









COG1817

FDR: 3.612e-02
Coefficient: 3.81e-01
N: 139

2e-04

1e-04

0e+00

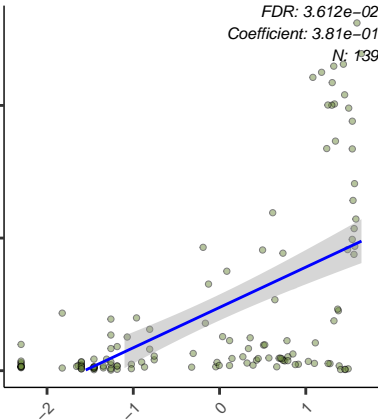
-2

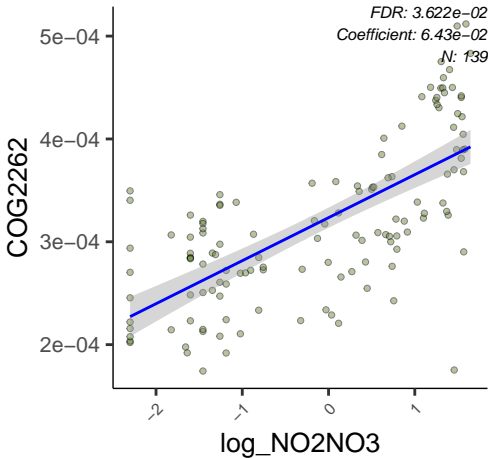
-1

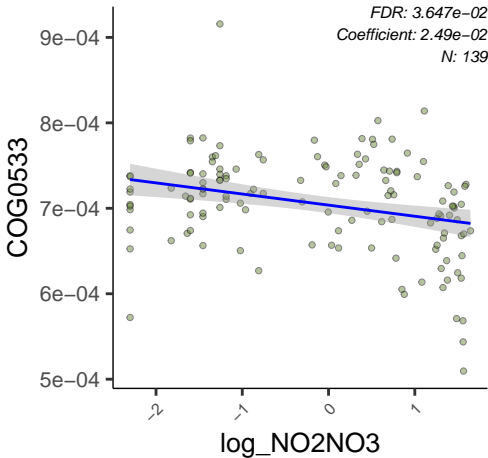
0

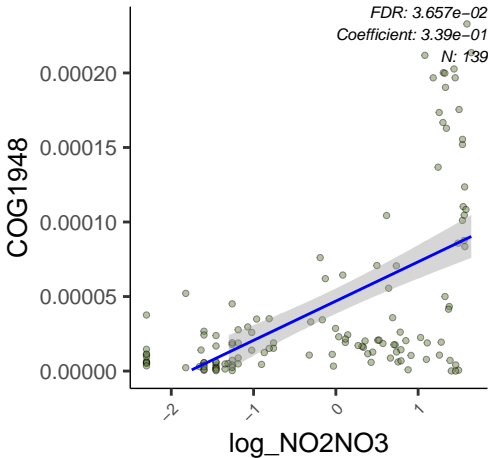
1

log_NO2NO3









COG0418

$3e-04$

$2e-04$

$1e-04$

-2

-1

0

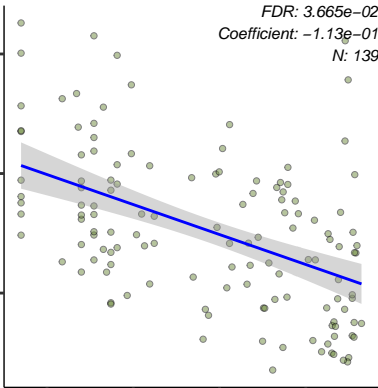
1

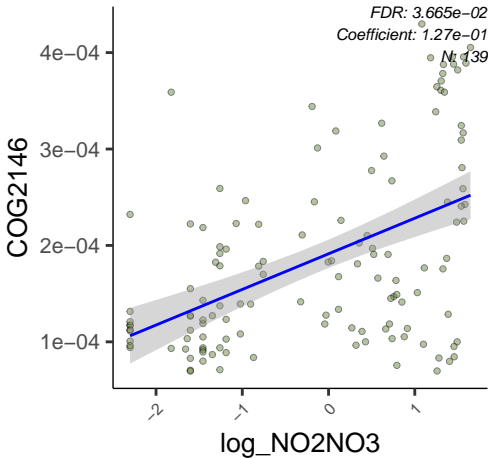
log_NO2NO3

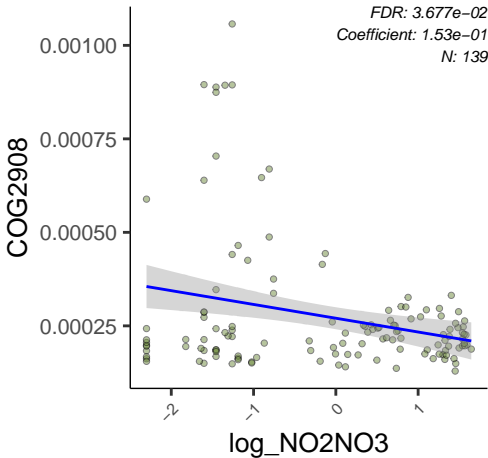
FDR: $3.665e-02$

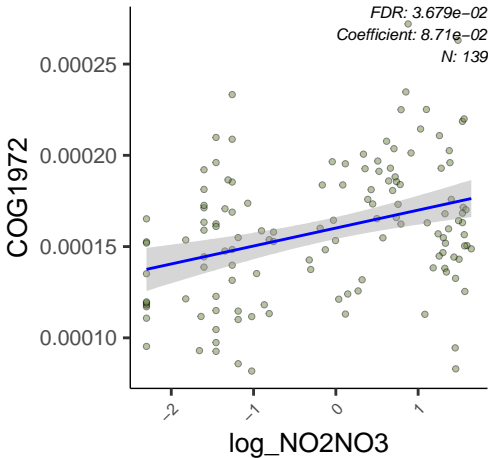
Coefficient: $-1.13e-01$

N: 139









COG3059

FDR: 3.688e-02
Coefficient: -5.29e-01
N: 139

3e-05

2e-05

1e-05

0e+00

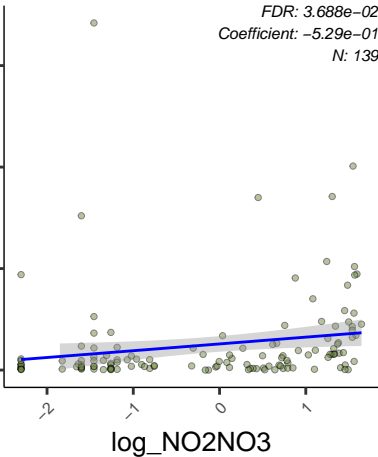
-2

-1

0

1

log_NO2NO3



COG2270

FDR: 3.692e-02

Coefficient: 7.63e-02

N: 139

6e-04

5e-04

4e-04

3e-04

2e-04

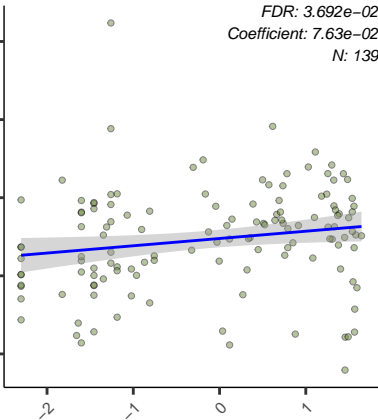
-2

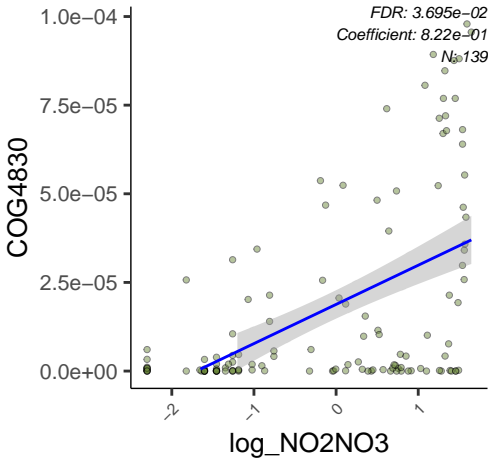
-1

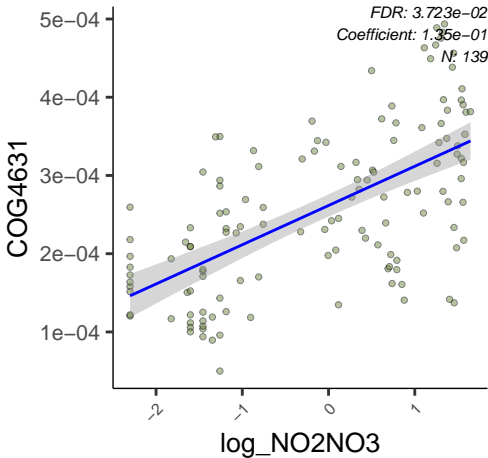
0

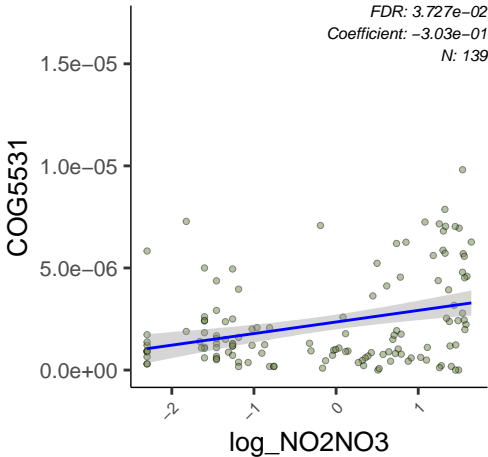
1

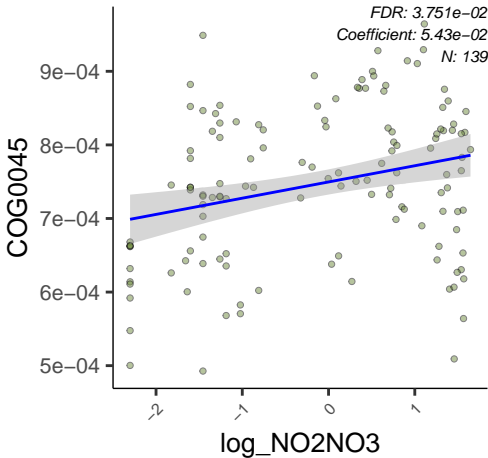
log_NO2NO3

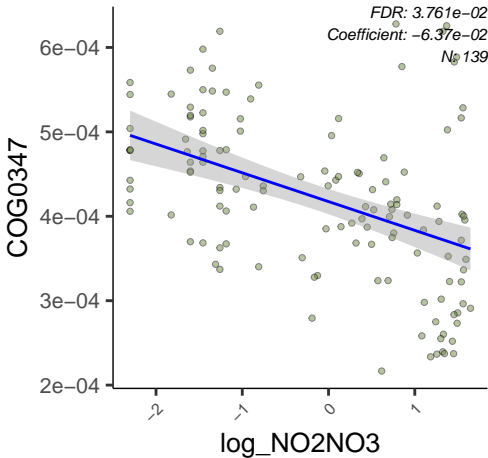


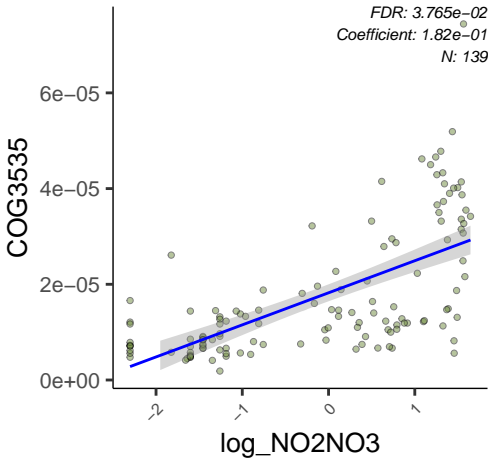












COG3942

FDR: 3.783e-02
Coefficient: -4.66e-01
N: 139

3e-05

2e-05

1e-05

0e+00

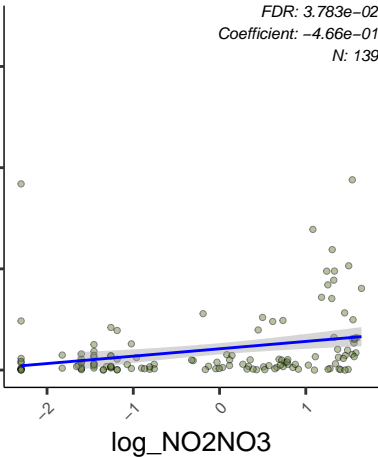
-2

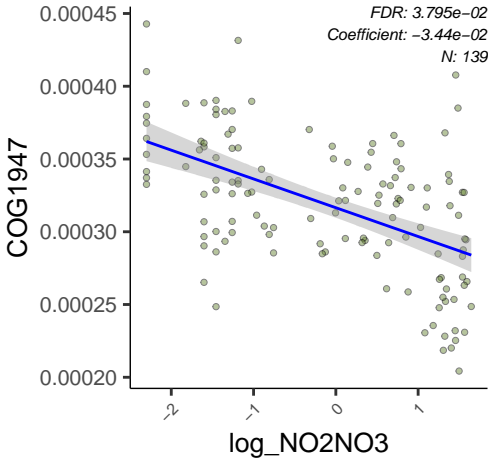
-1

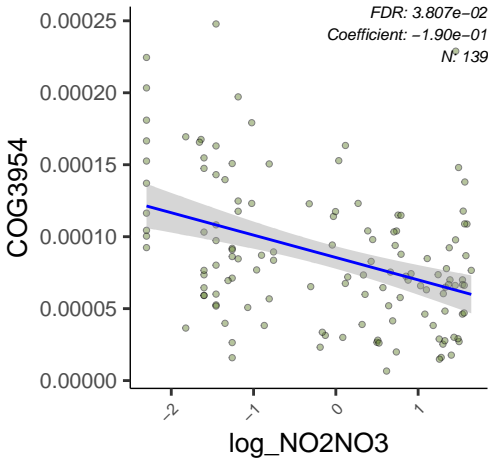
0

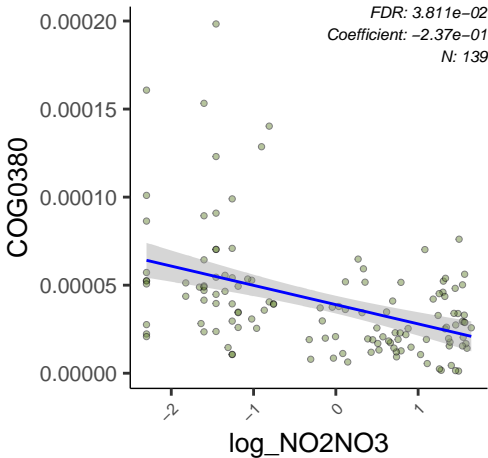
1

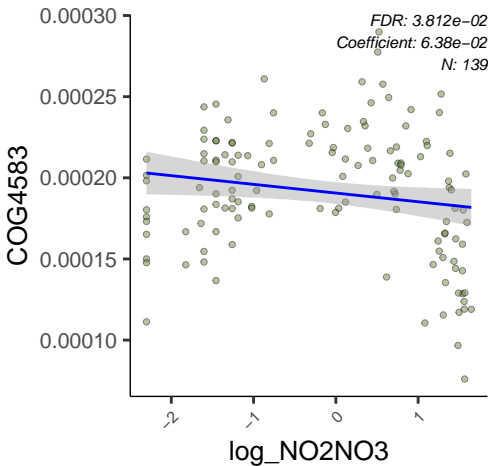
log_NO2NO3

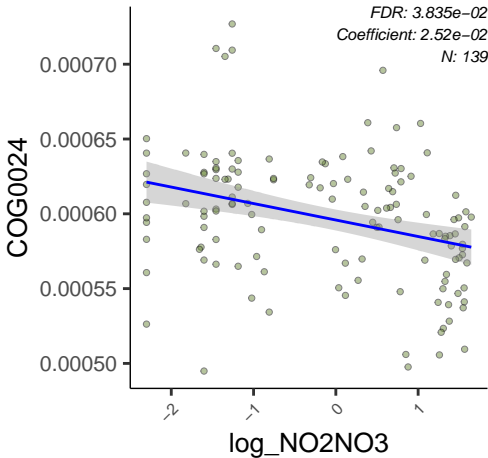












COG1464

1.5e-05

1.0e-05

5.0e-06

0.0e+00

2

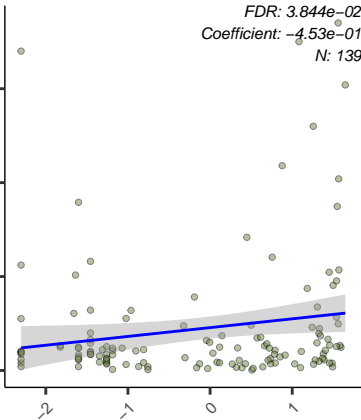
1

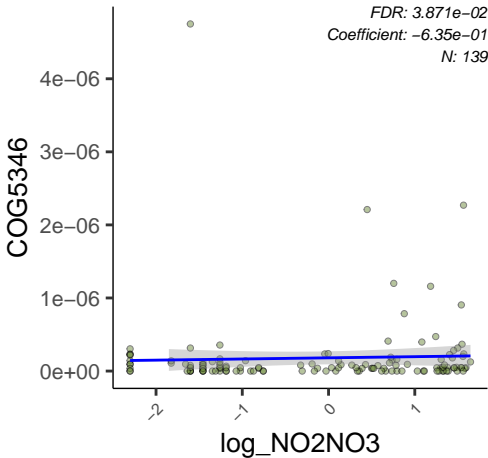
0

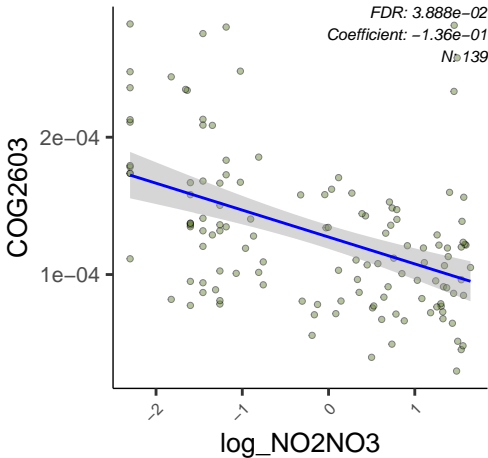
1

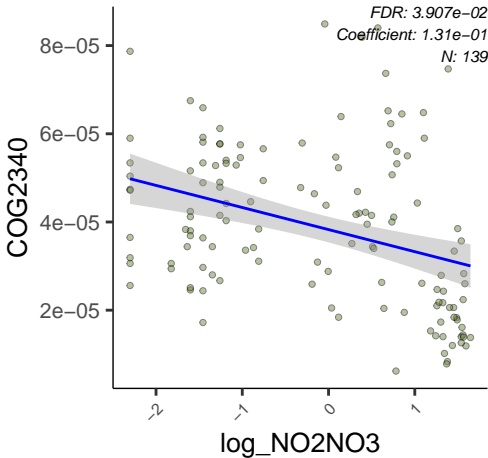
log_NO2NO3

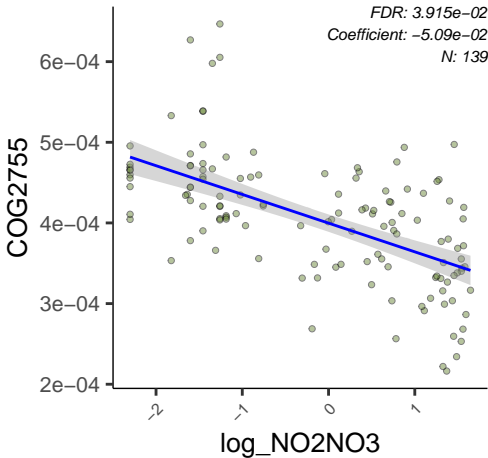
FDR: 3.844e-02
Coefficient: -4.53e-01
N: 139

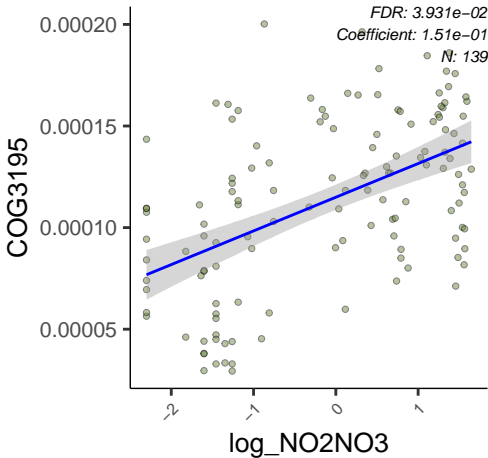












COG4402

FDR: 3.933e-02
Coefficient: 3.91e-01
N: 139

2.0e-05

1.5e-05

1.0e-05

5.0e-06

0.0e+00

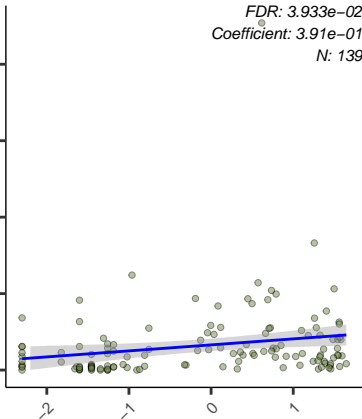
-2

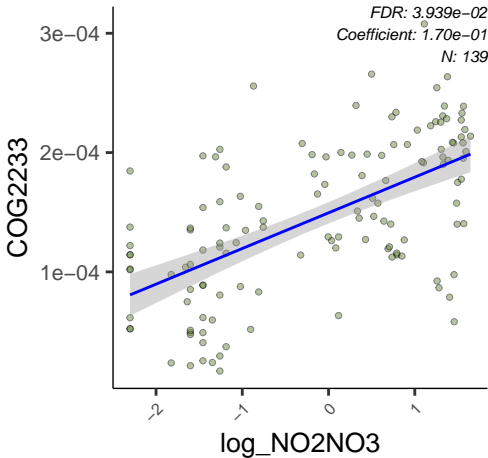
-1

0

1

log_NO2NO3





COG1183

FDR: 3.964e-02

Coefficient: 4.68e-02

N: 139

5e-04

4e-04

3e-04

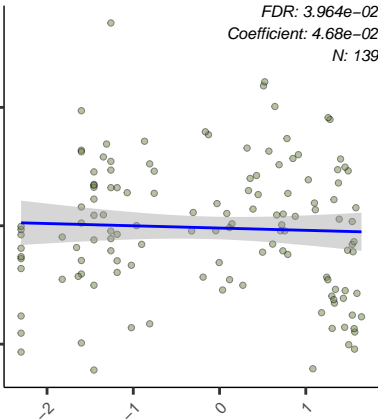
-2

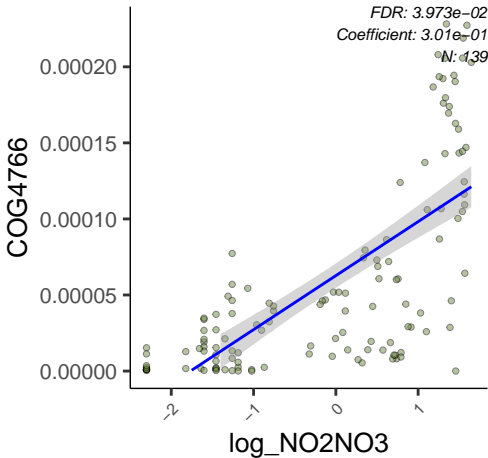
-1

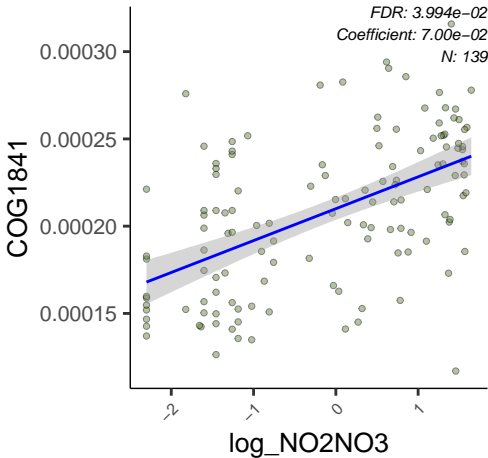
0

1

log_NO2NO3







COG4190

FDR: 3.995e-02

Coefficient: -6.13e-01

N: 139

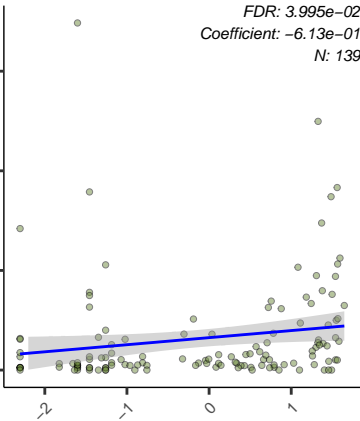
7.5e-06

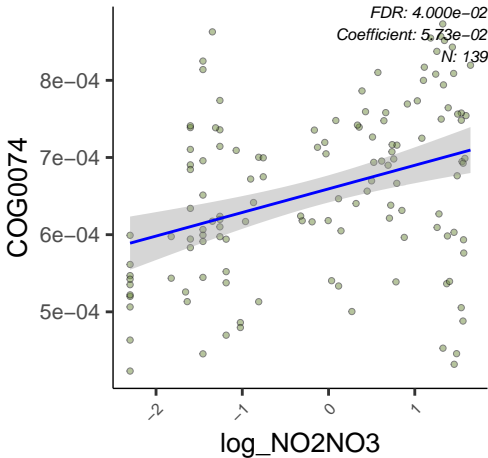
5.0e-06

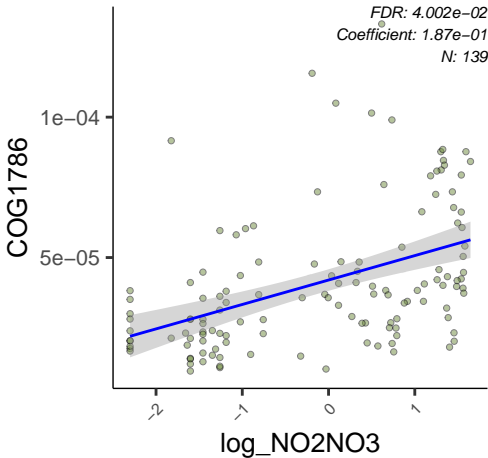
2.5e-06

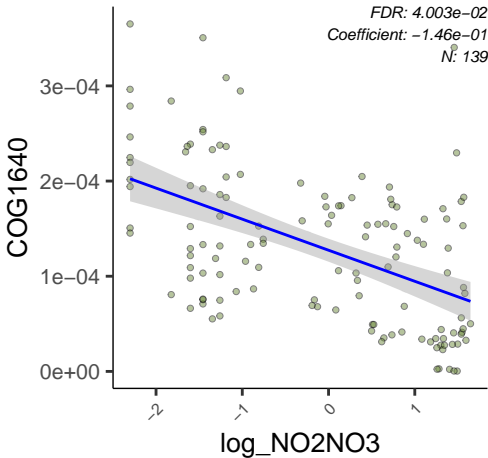
0.0e+00

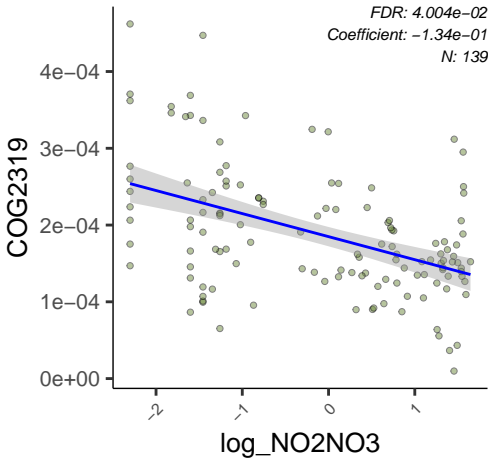
log_NO2NO3

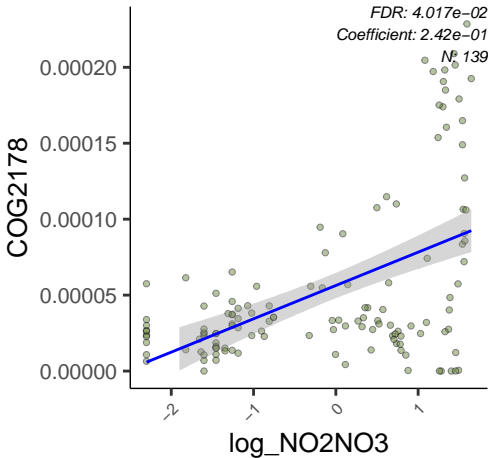






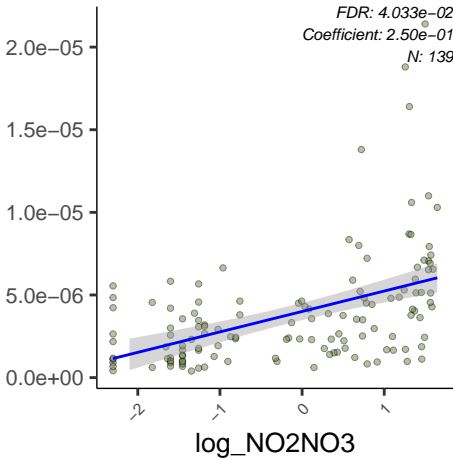


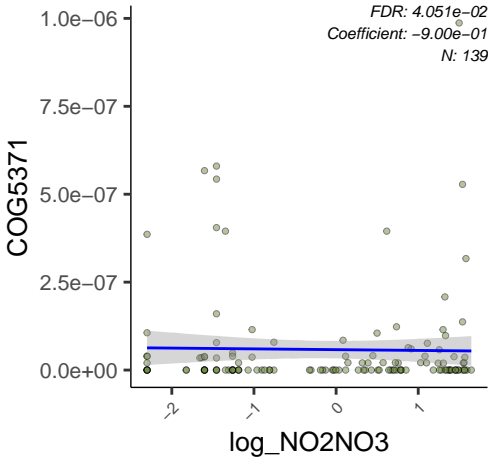




COG4452

FDR: 4.033e-02
Coefficient: 2.50e-01
N: 139





COG5323

FDR: 4.052e-02

Coefficient: -3.07e-01

N: 139

3e-05

2e-05

1e-05

0e+00

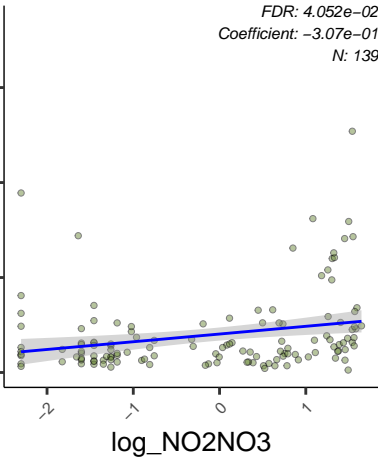
-2

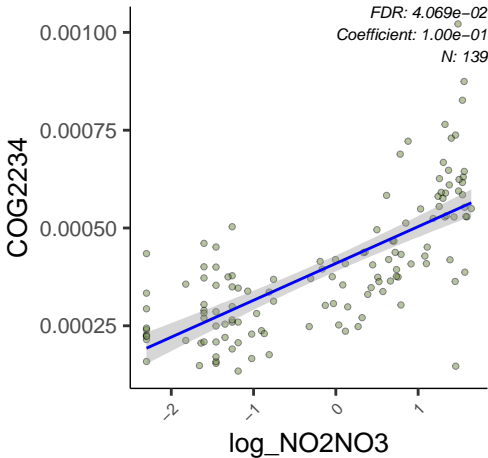
-1

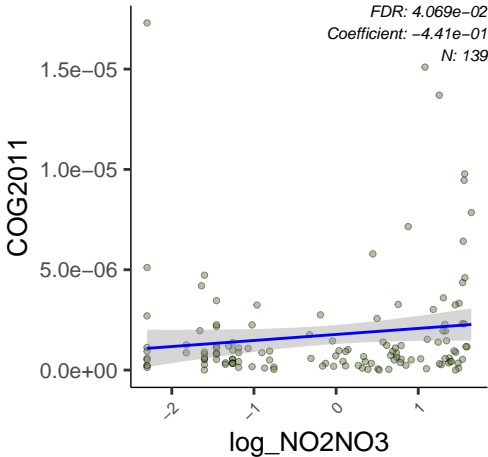
0

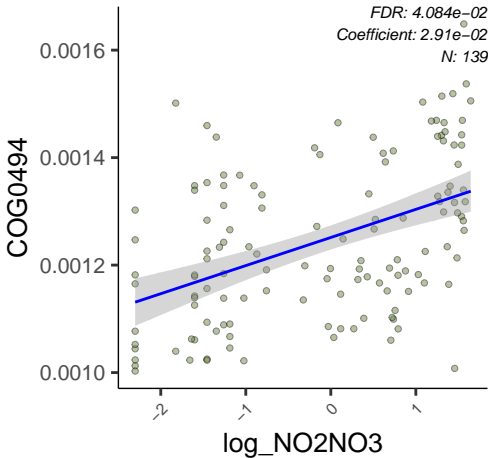
1

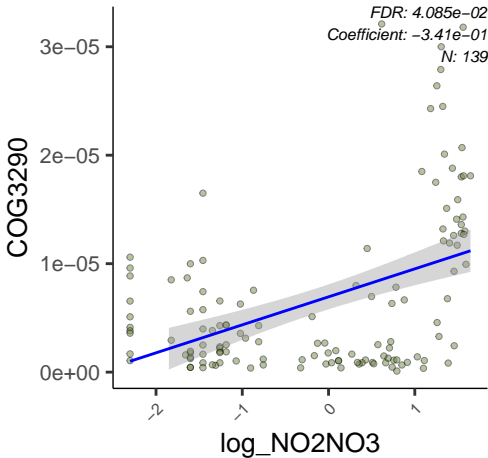
log_NO2NO3

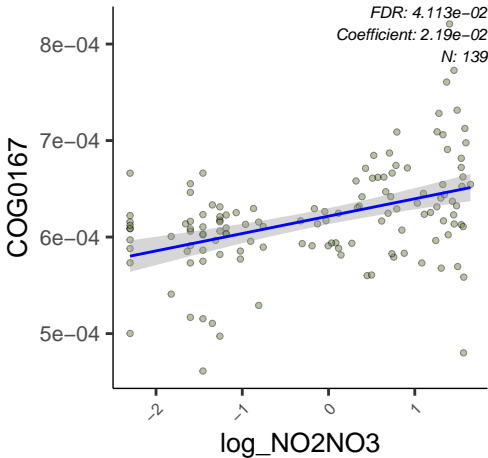












COG1053

FDR: 4.138e-02
Coefficient: 5.04e-02
N: 139

0.0018

0.0015

0.0012

0.0009

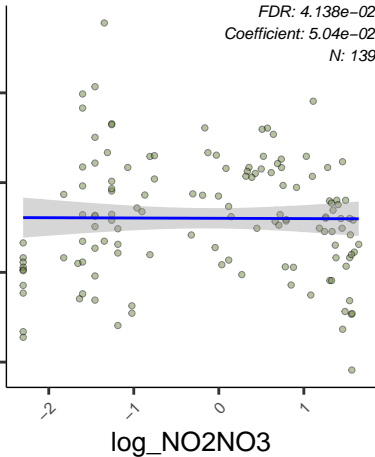
2

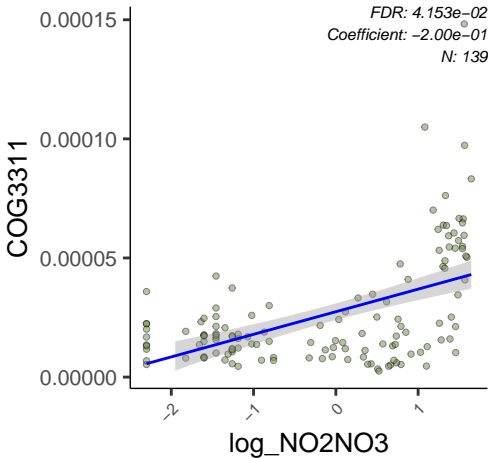
1

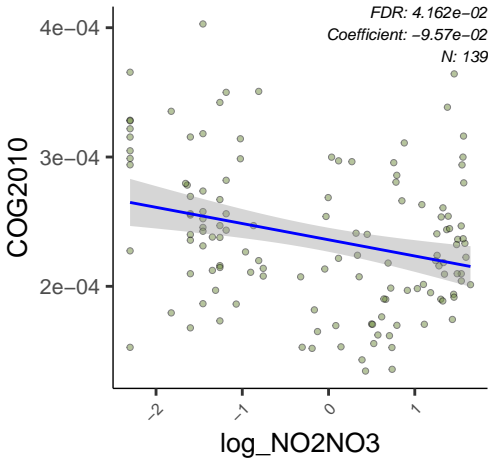
0

1

log_NO2NO3







COG1746

FDR: 4.214e-02
Coefficient: 5.10e-01
N: 139

3e-04

2e-04

1e-04

0e+00

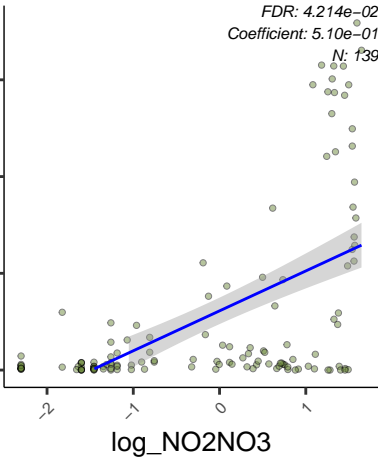
-2

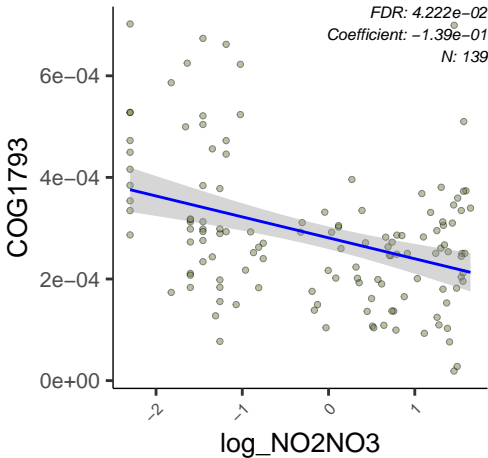
-1

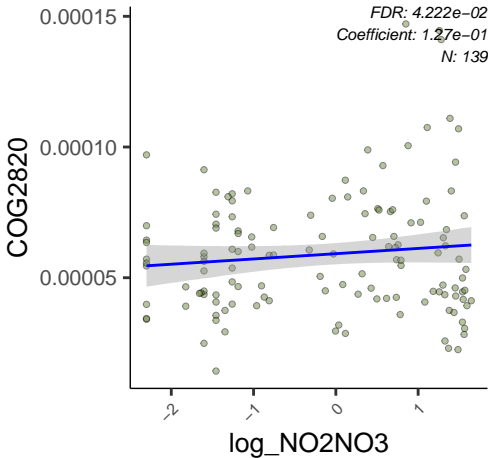
0

1

log_NO2NO3







COG4138

FDR: $4.227e-02$
Coefficient: $-4.54e-01$
N: 139

$3e-05$

$2e-05$

$1e-05$

$0e+00$

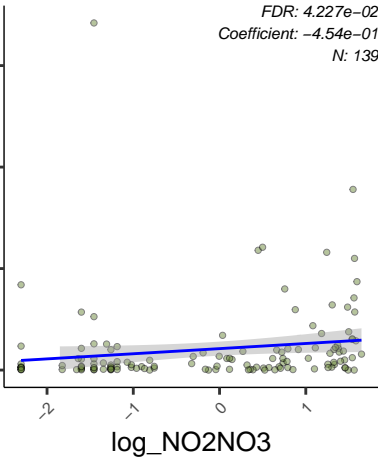
-2

-1

0

1

log_NO2NO3



COG0327

FDR: 4.229e-02
Coefficient: 9.85e-02
N: 139

2e-04

1e-04

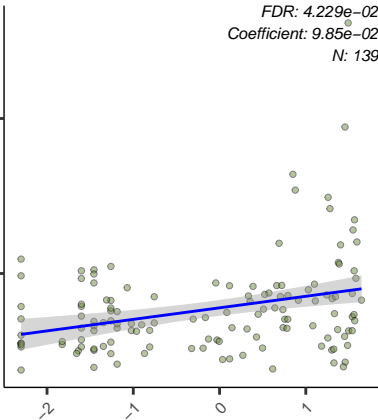
-2

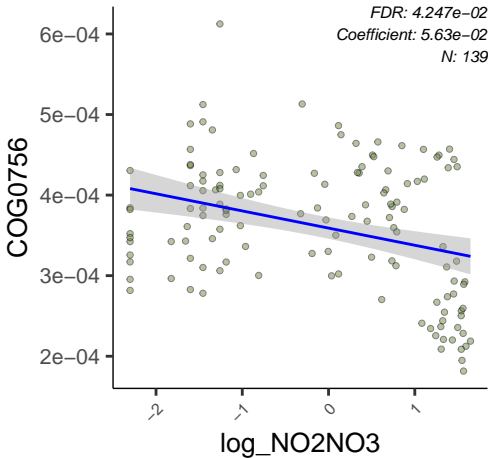
-1

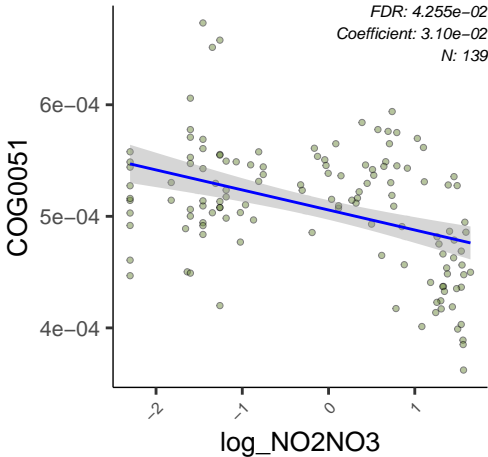
0

1

log_NO2NO3







COG4447

2e-04
1e-04

-2

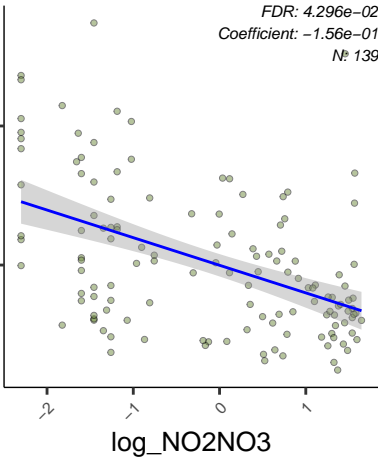
-1

0

1

log_NO2NO3

FDR: 4.296e-02
Coefficient: -1.56e-01
N: 139



COG1855

FDR: 4.298e-02

Coefficient: 3.36e-01

N: 139

9e-05

6e-05

3e-05

0e+00

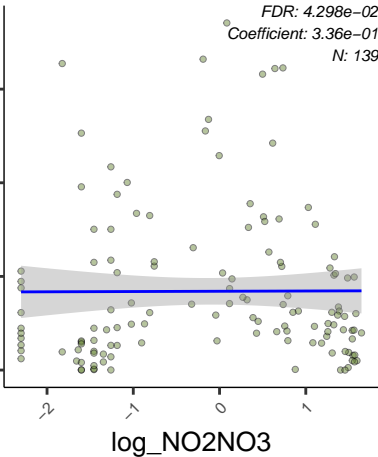
-2

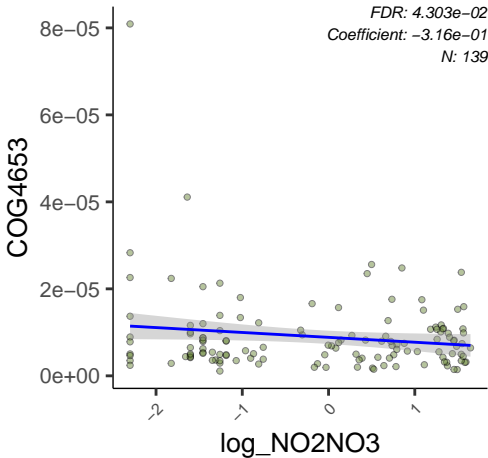
-1

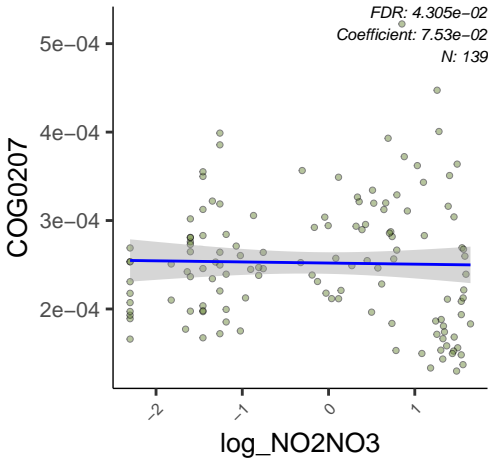
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log_NO2NO3







COG1235

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Coefficient: 4.31e-02

N: 139

5e-04

4e-04

3e-04

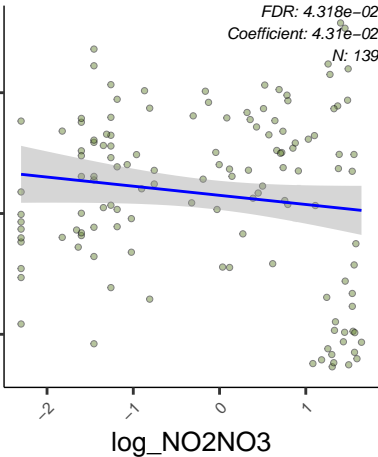
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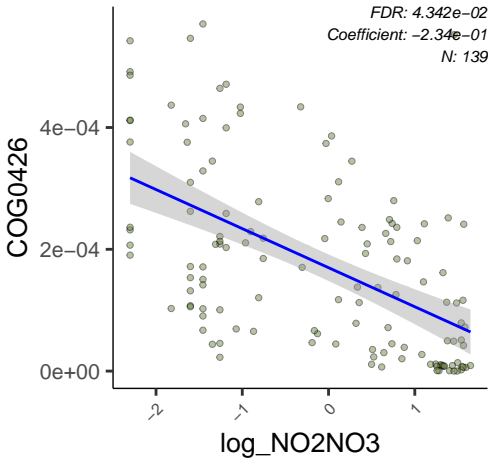
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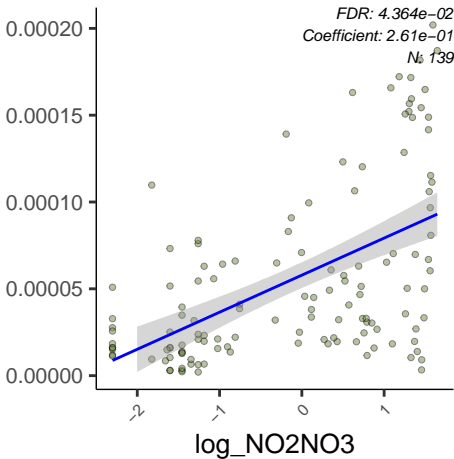
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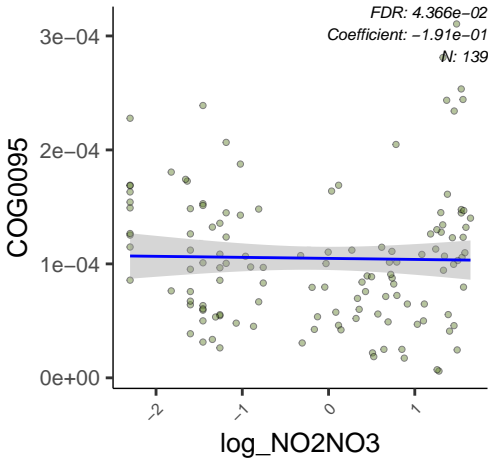
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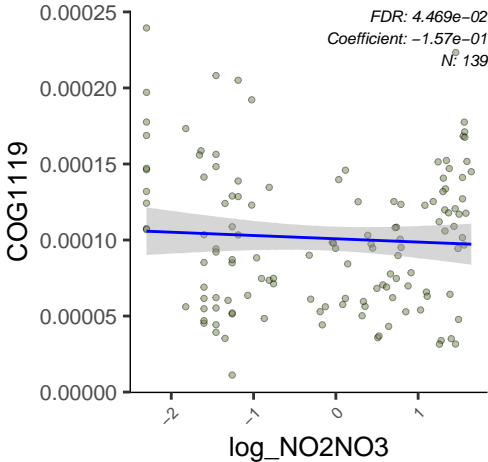


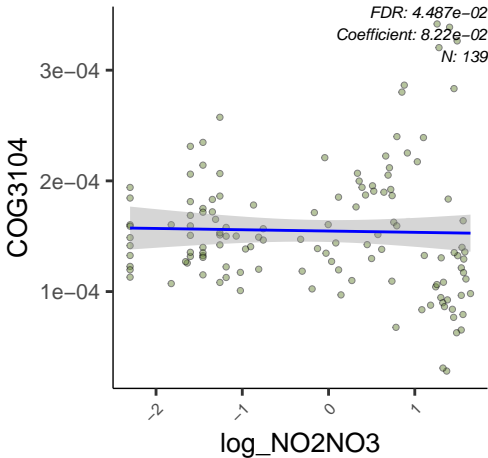


COG2107









COG4682

FDR: 4.489e-02
Coefficient: -3.43e-01
N: 139

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2e-05

1e-05

0e+00

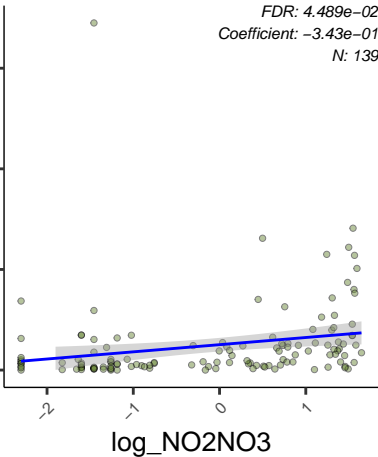
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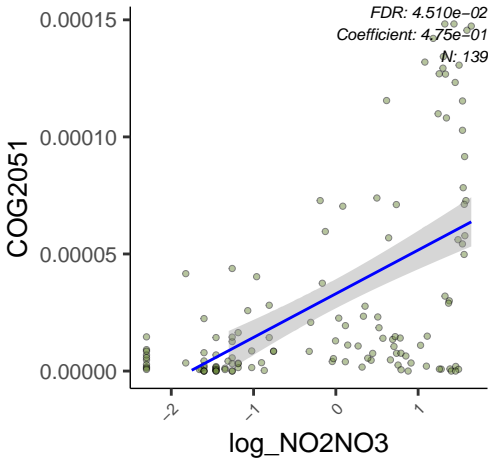
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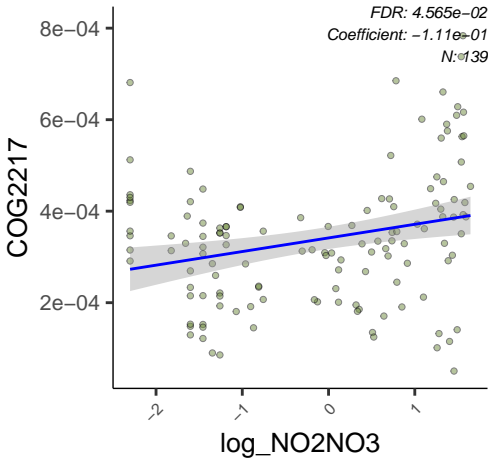
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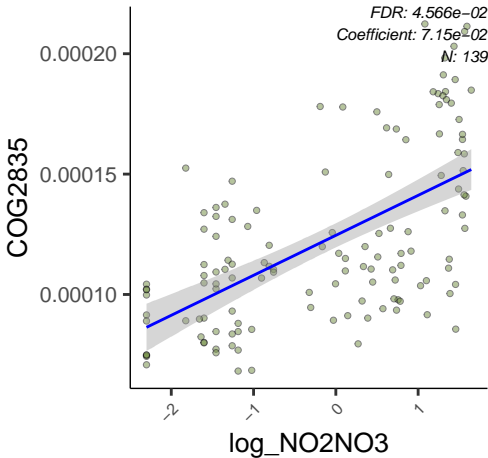
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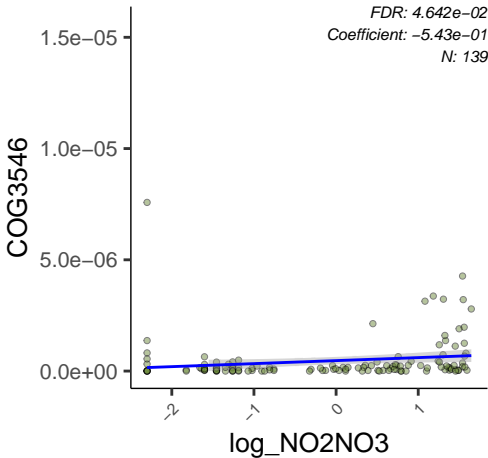
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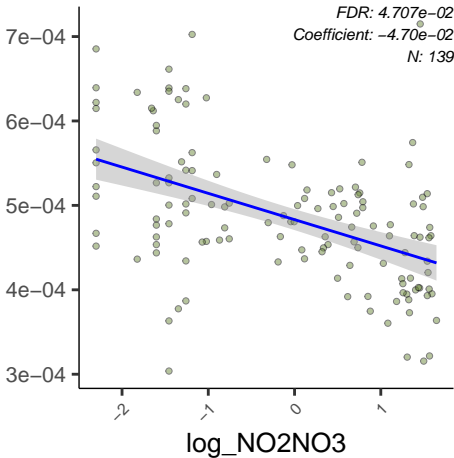


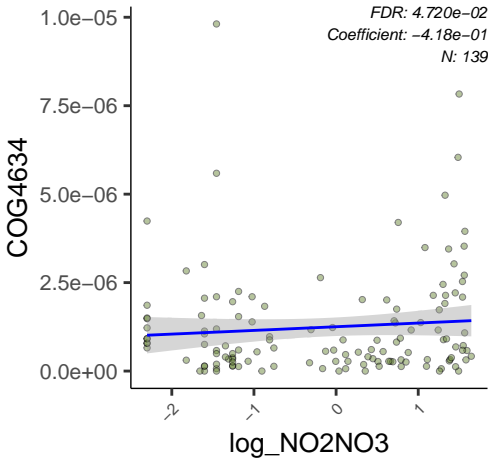


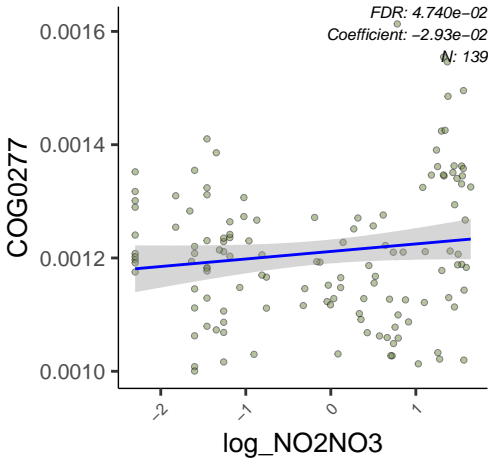




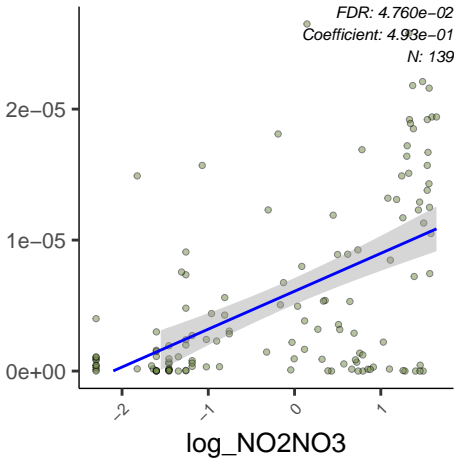
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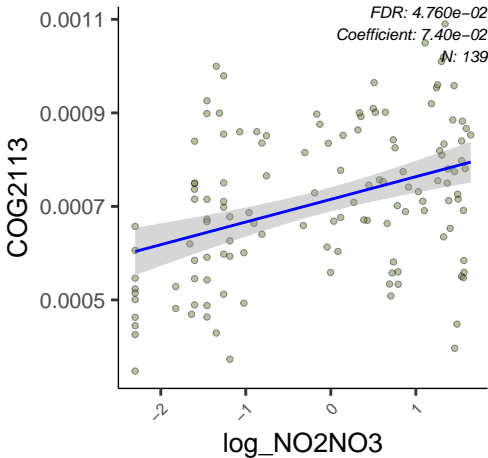


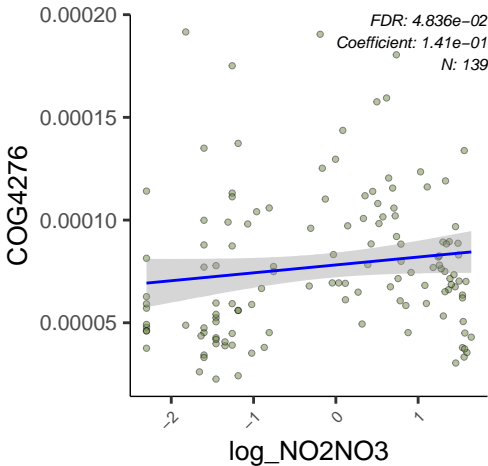




COG1824







COG3817

