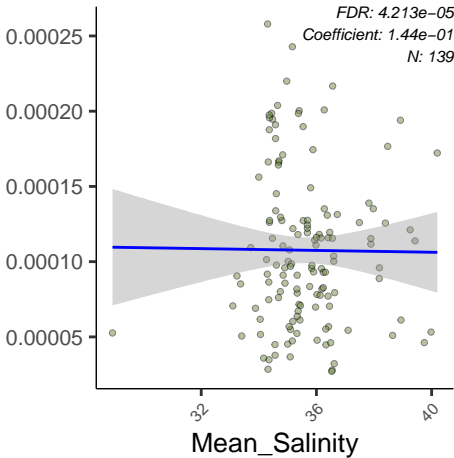
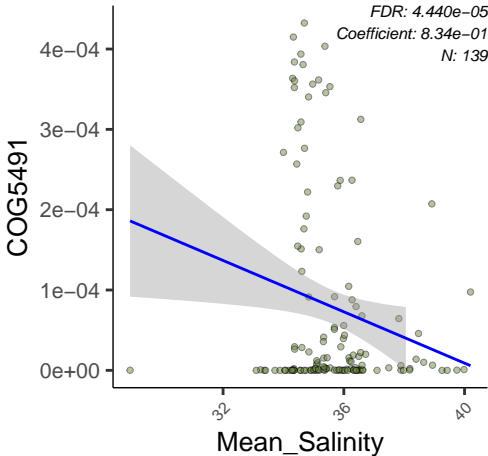
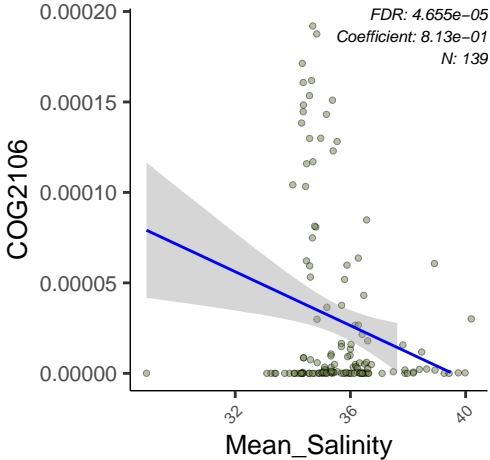
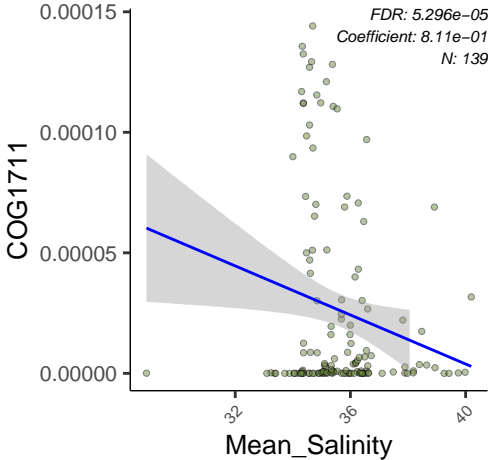


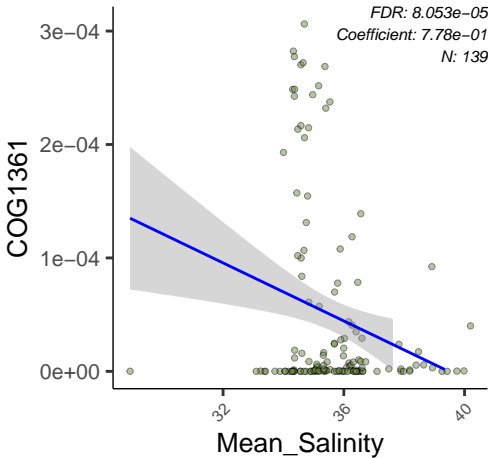
COG1917

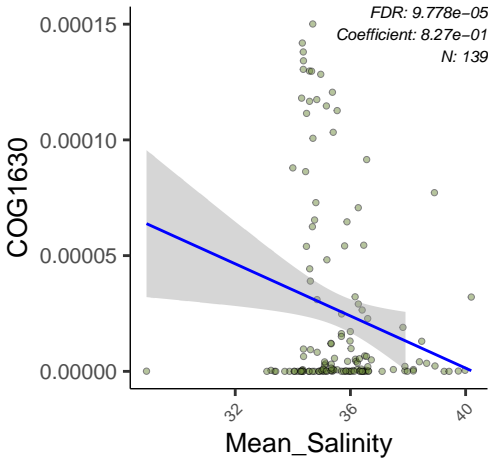


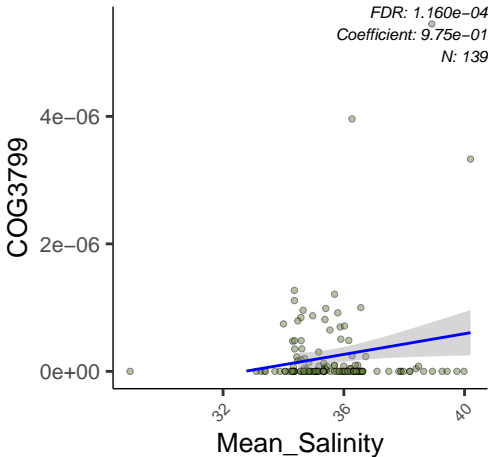


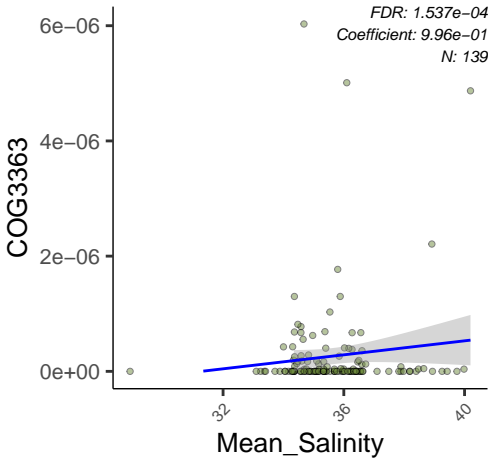


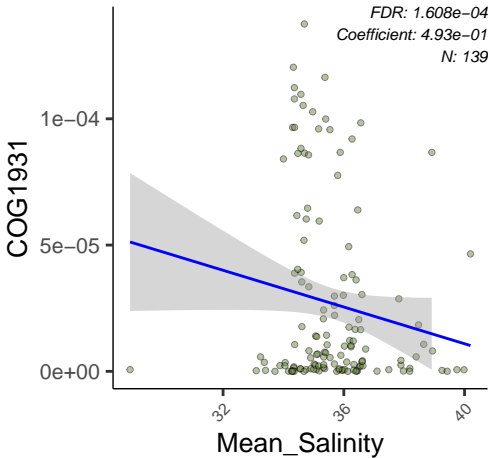


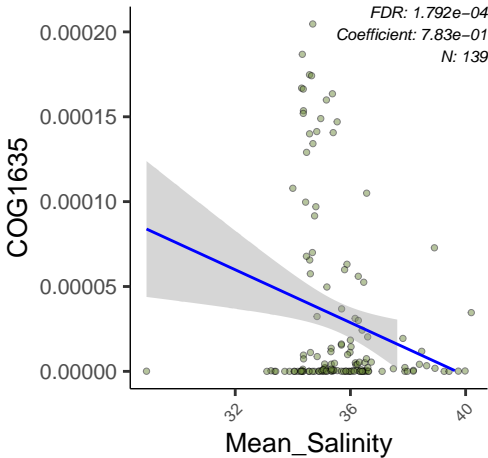


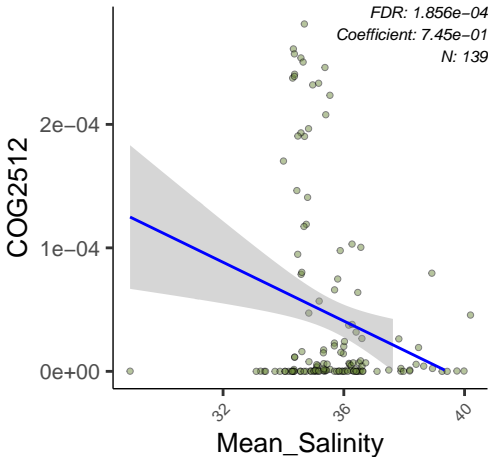












COG2247

1.5e-05
1.0e-05
5.0e-06
0.0e+00

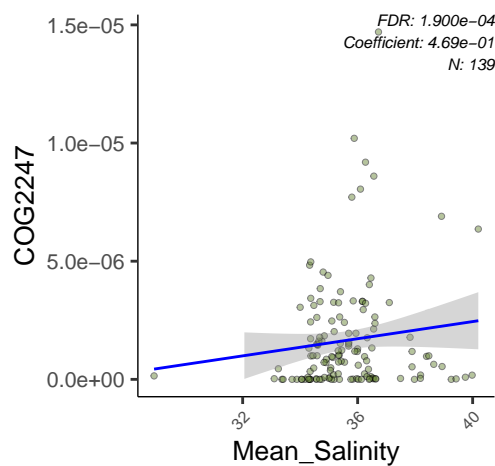
FDR: 1.900e-04
Coefficient: 4.69e-01
N: 139

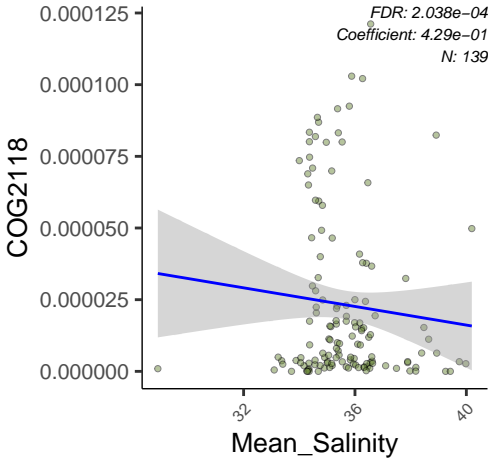
32

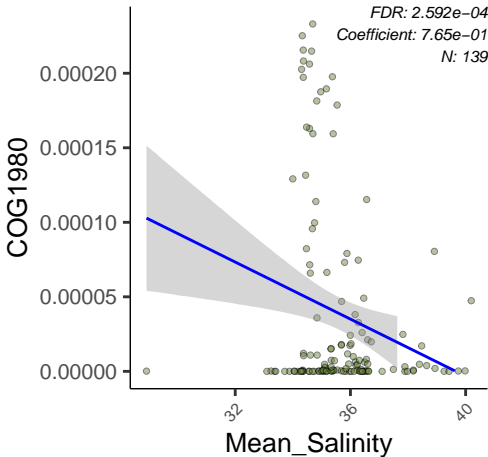
36

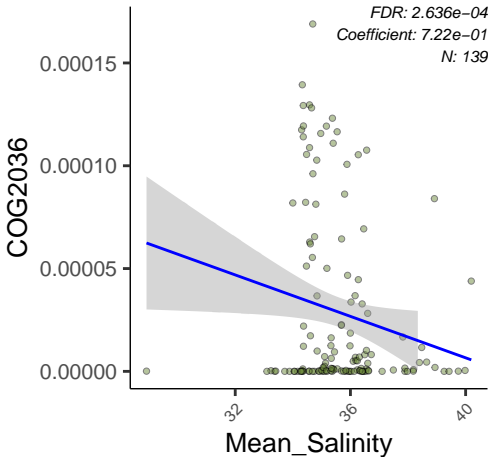
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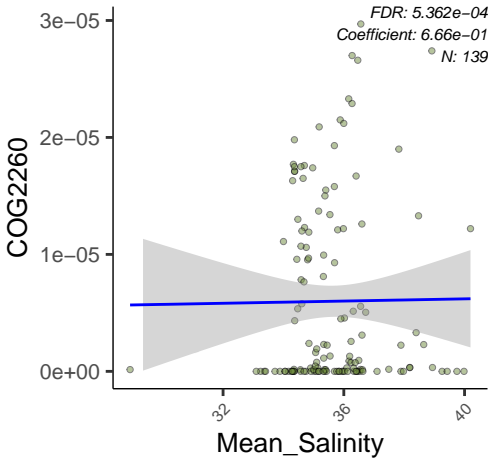
Mean_Salinity

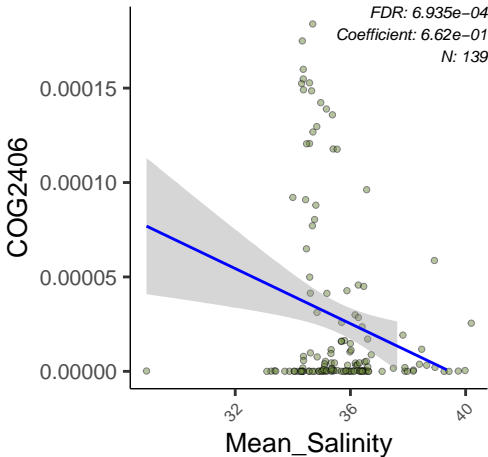


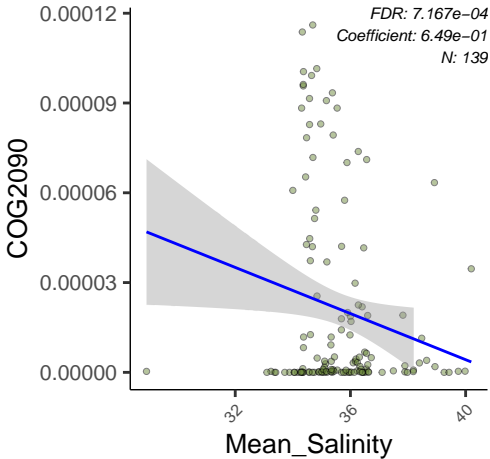


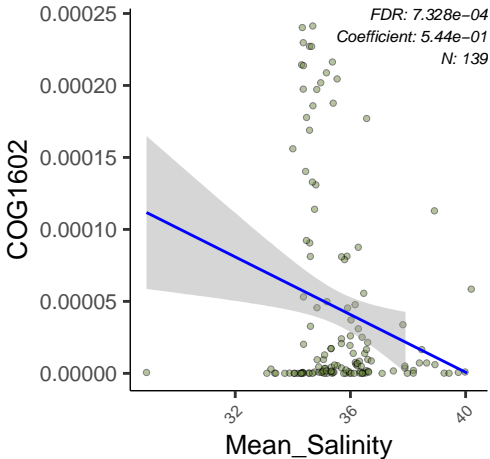


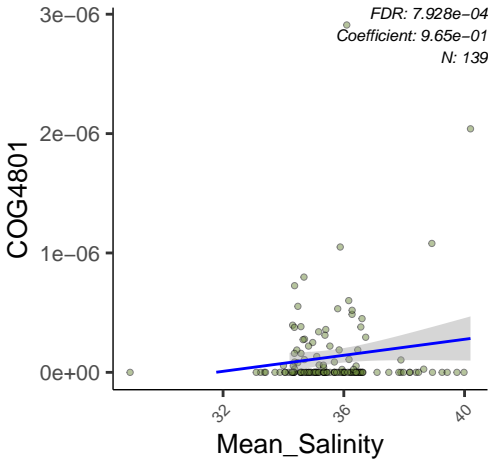












COG1745

FDR: 9.042e-04
Coefficient: 9.46e-01
N: 139

6e-06

4e-06

2e-06

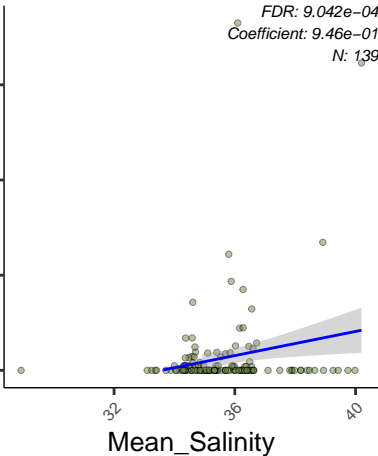
0e+00

32

36

40

Mean_Salinity



COG1817

2e-04

1e-04

0e+00

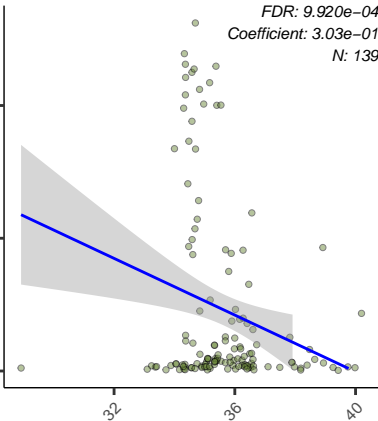
32

36

40

Mean_Salinity

FDR: 9.920e-04
Coefficient: 3.03e-01
N: 139



COG5476

FDR: 1.080e-03
Coefficient: 8.66e-02
N: 139

3e-04

2e-04

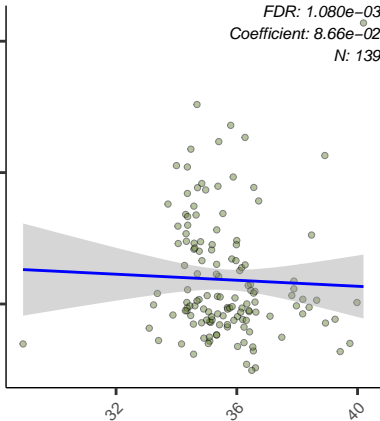
1e-04

32

36

40

Mean_Salinity



COG1497

FDR: 1.114e-03
Coefficient: 1.03e+00
N: 139

3e-06

2e-06

1e-06

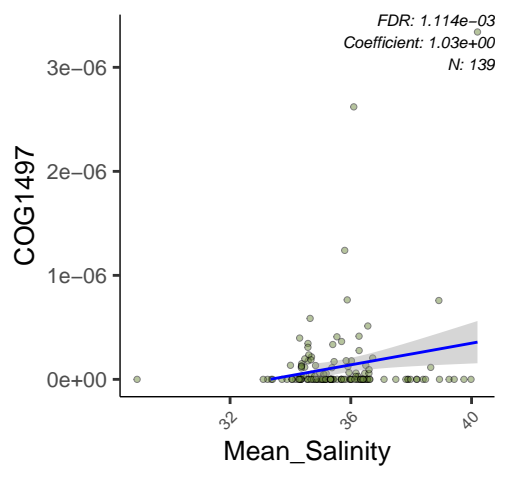
0e+00

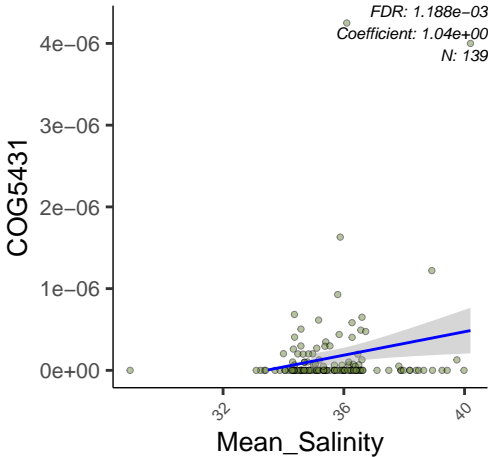
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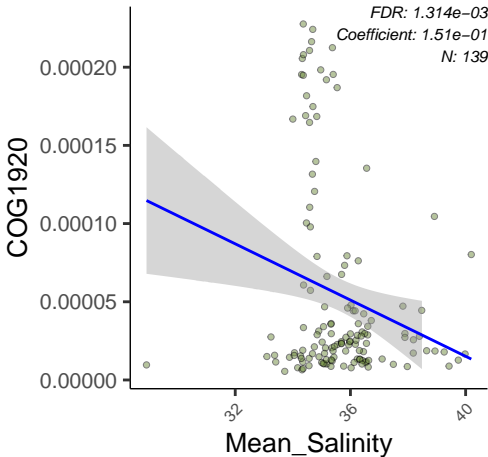
36

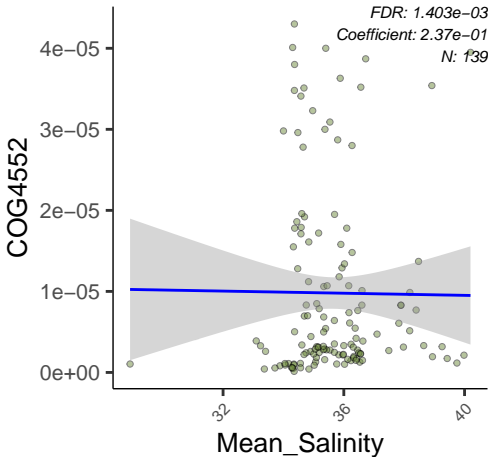
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Mean_Salinity









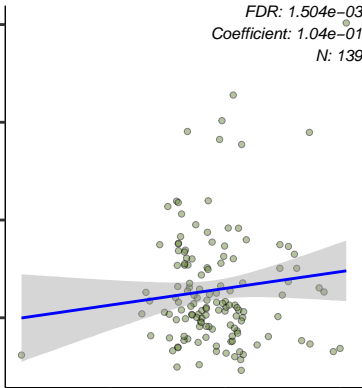
COG1312

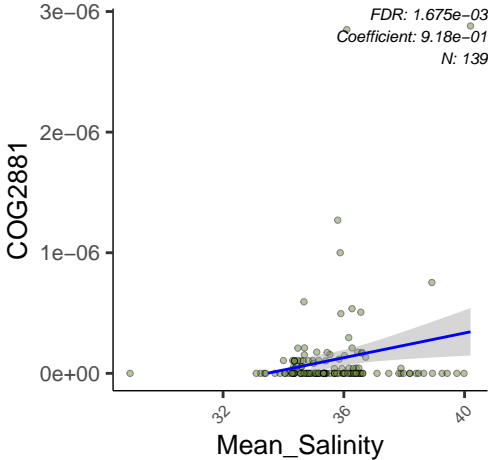
0.00020
0.00015
0.00010
0.00005

FDR: 1.504e-03
Coefficient: 1.04e-01
N: 139

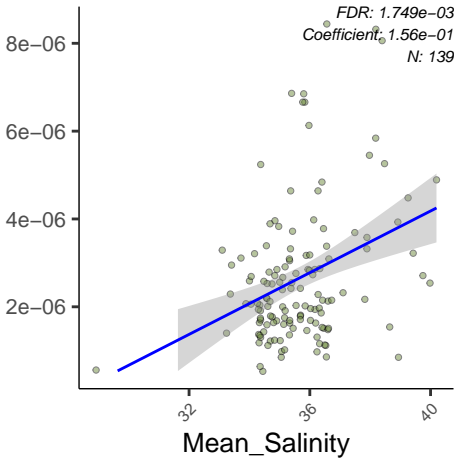
32 36 40

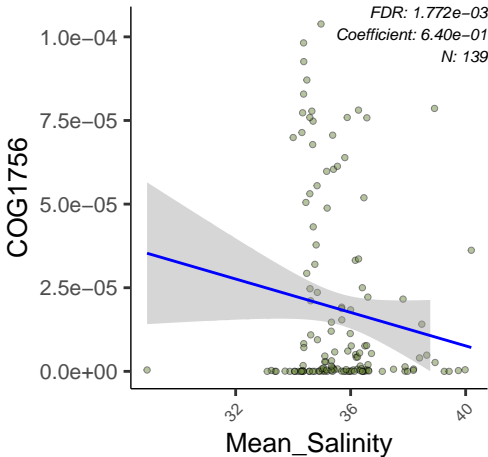
Mean_Salinity

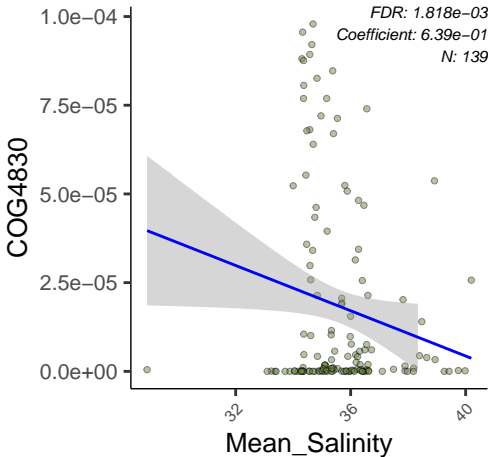


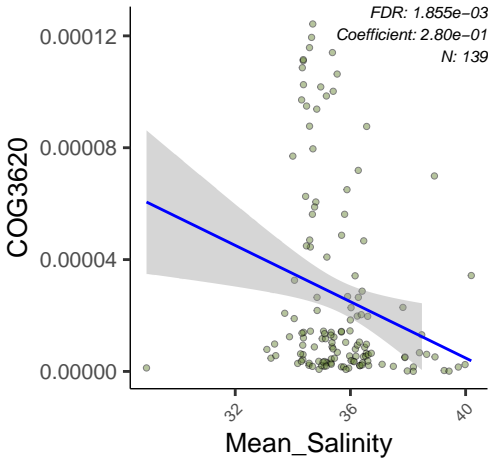


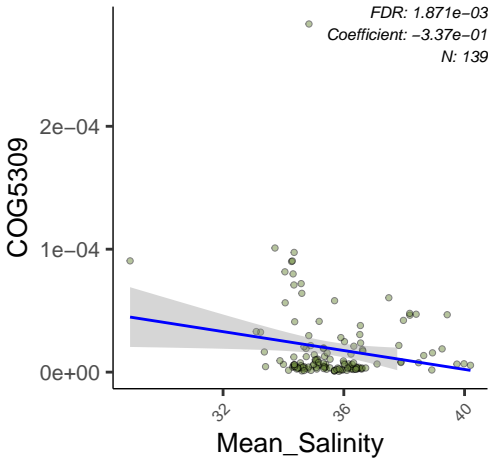
COG4209



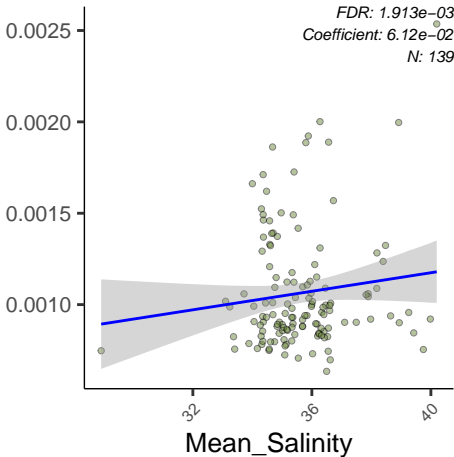








COG4948



COG0477

FDR: 1.948e-03

Coefficient: 3.48e-02

N: 139

0.005

0.004

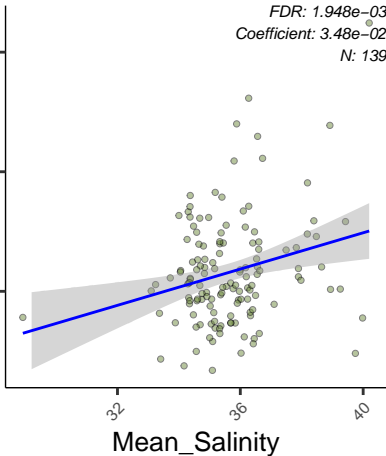
0.003

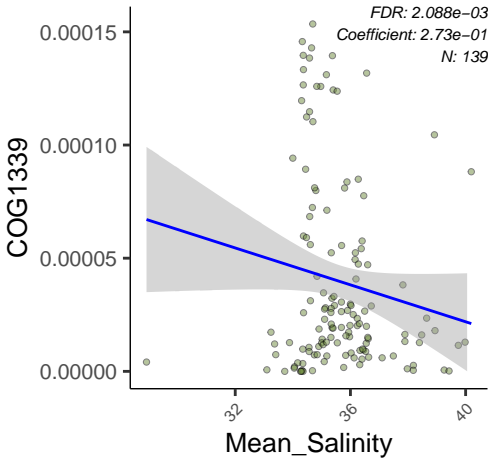
32

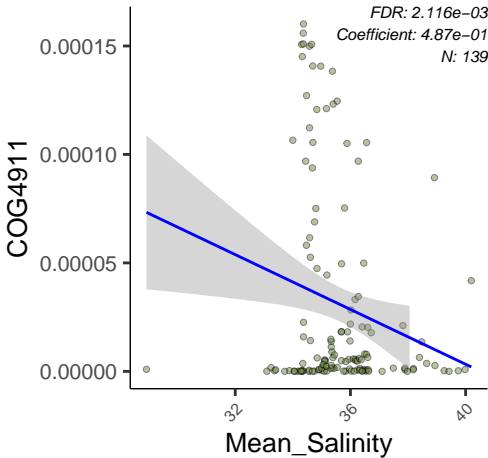
36

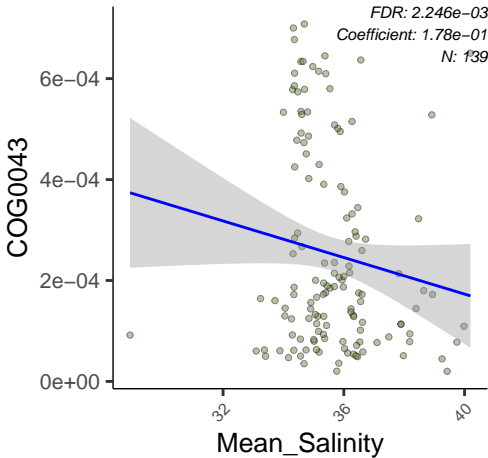
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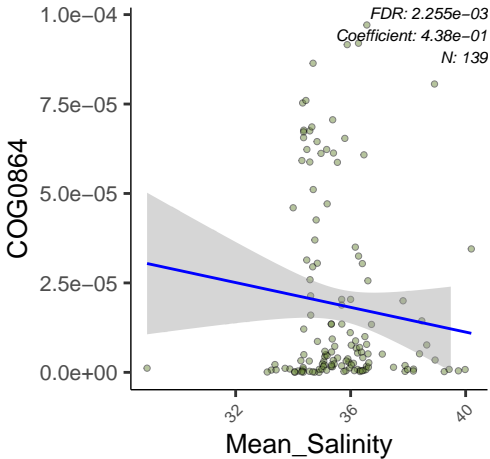
Mean_Salinity

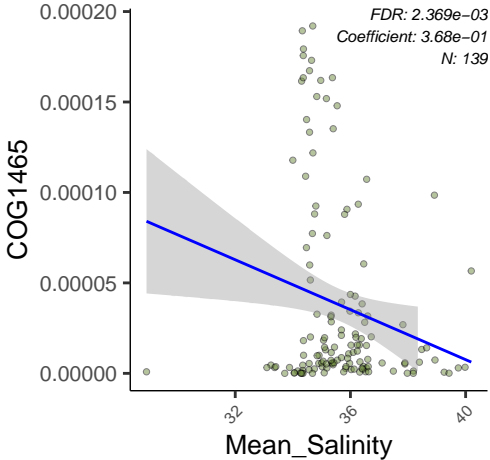


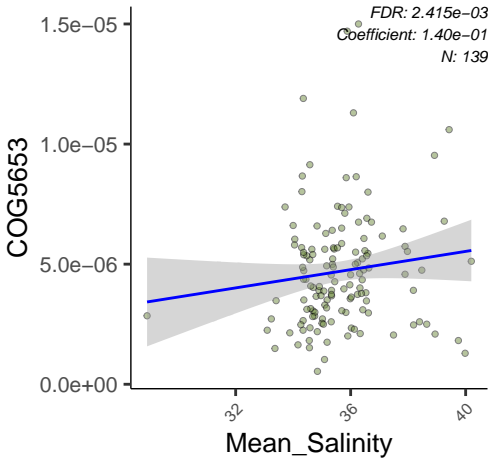


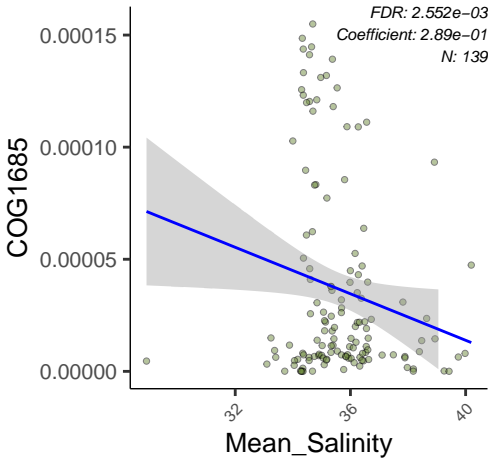


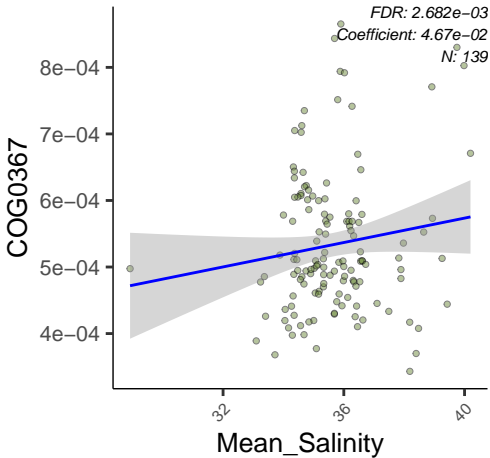


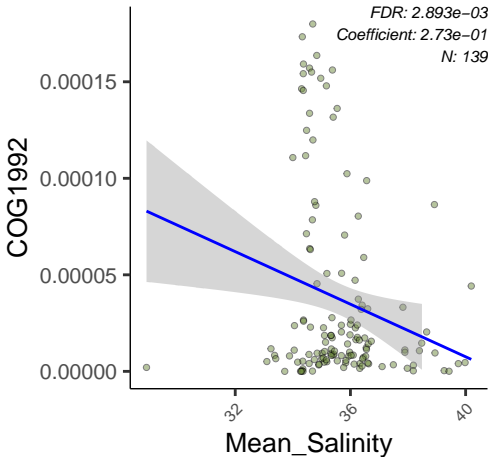


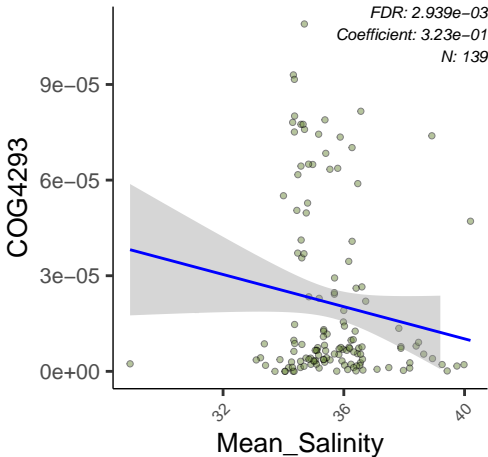












COG1809

7.5e-05

5.0e-05

2.5e-05

32

36

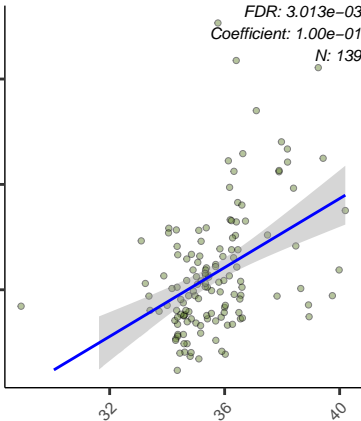
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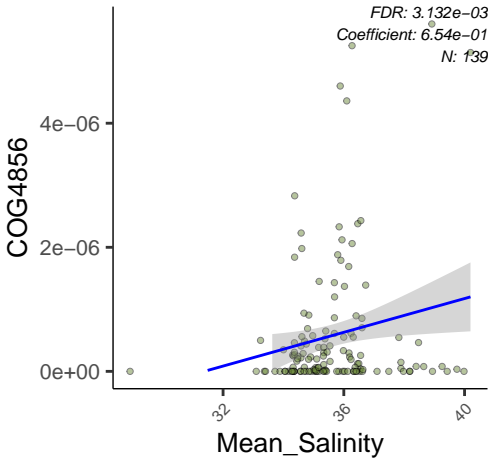
Mean_Salinity

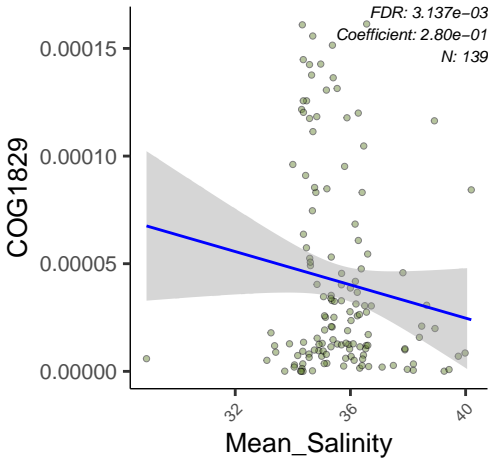
FDR: 3.013e-03

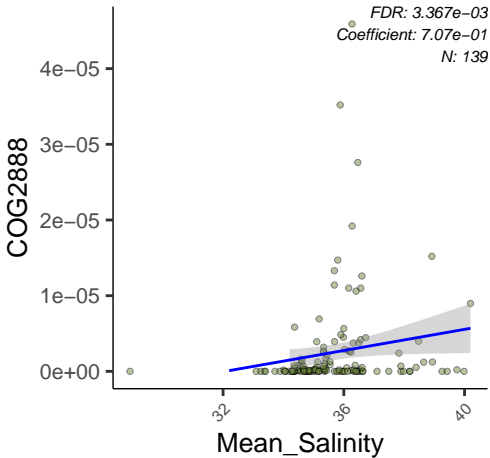
Coefficient: 1.00e-01

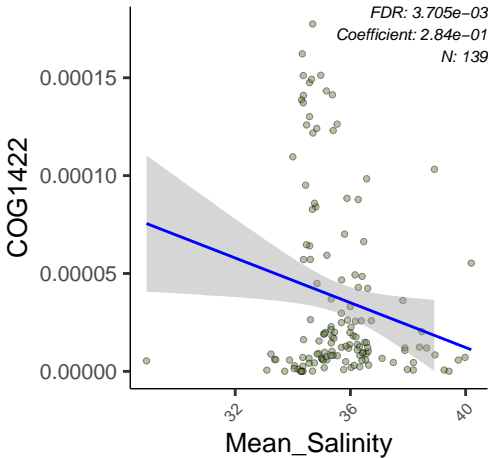
N: 139

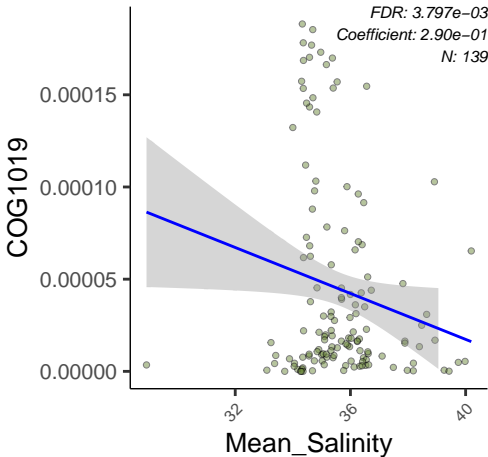












COG4174

0.00015

0.00010

0.00005

32

36

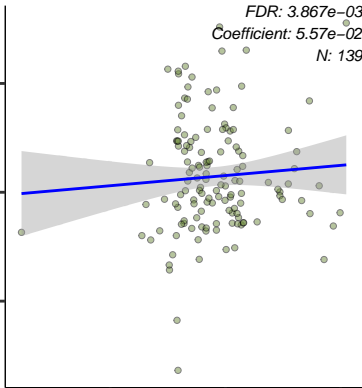
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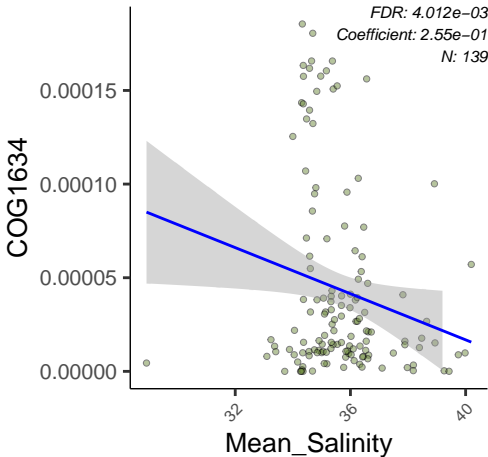
Mean_Salinity

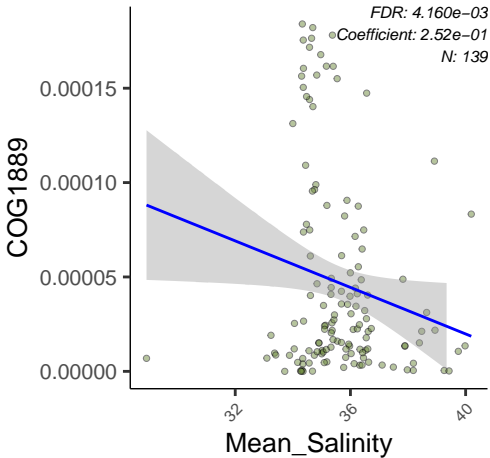
FDR: 3.867e-03

Coefficient: 5.57e-02

N: 139







COG1617

2e-06

1e-06

0e+00

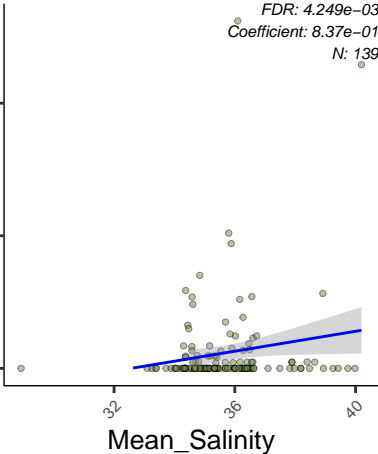
32

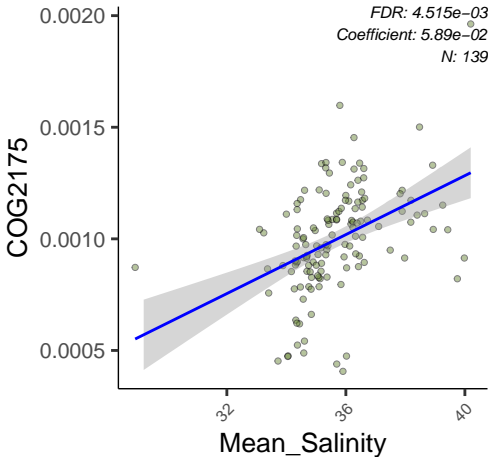
36

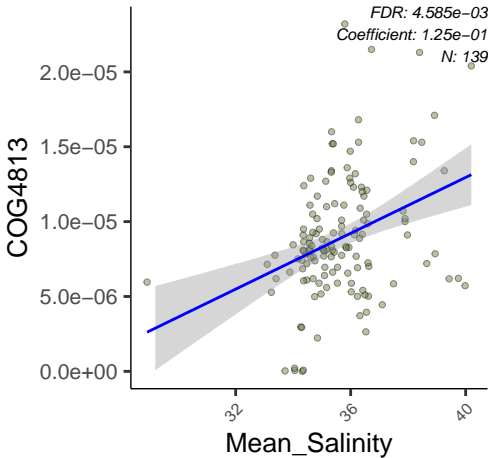
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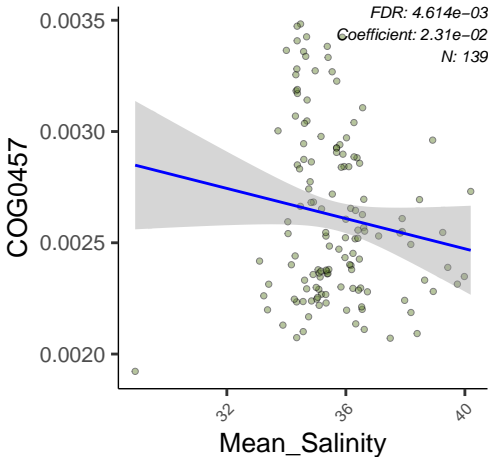
Mean_Salinity

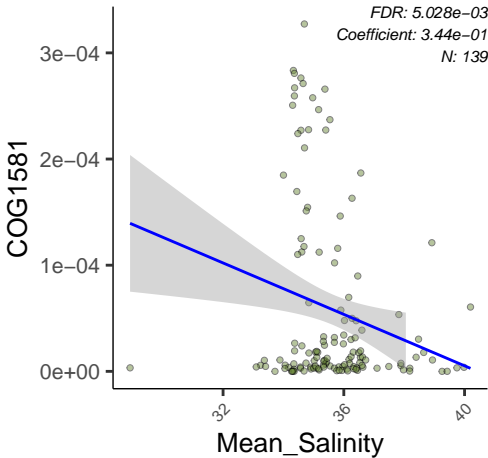
FDR: 4.249e-03
Coefficient: 8.37e-01
N: 139

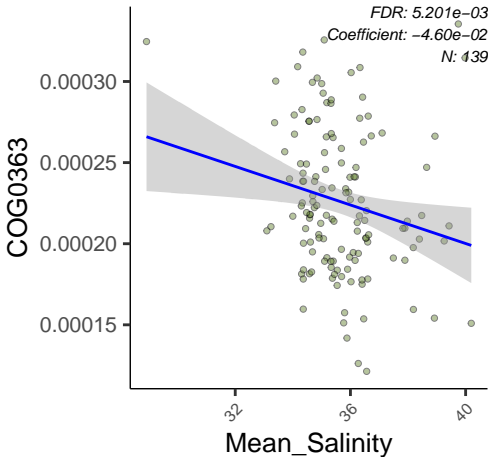


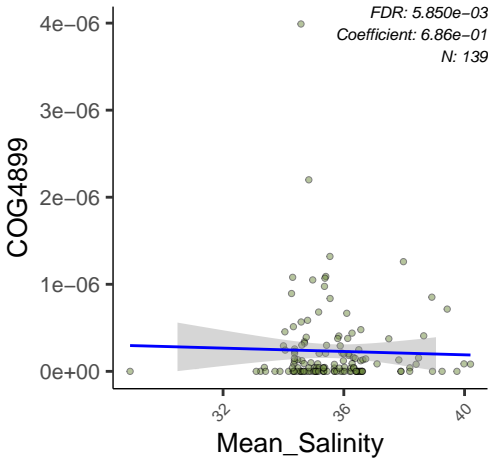


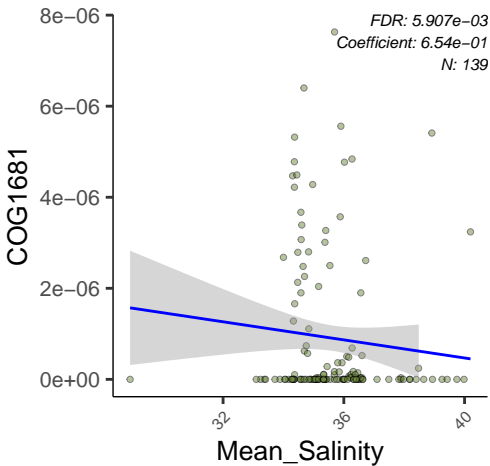


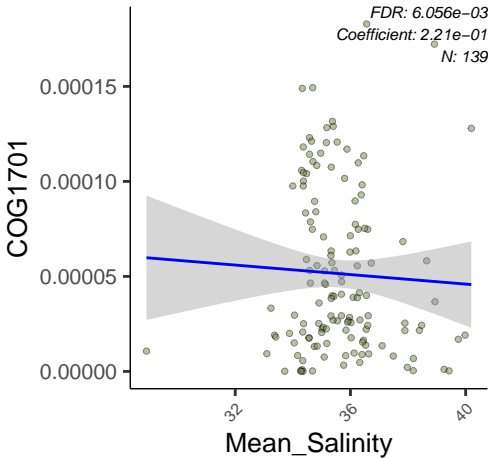


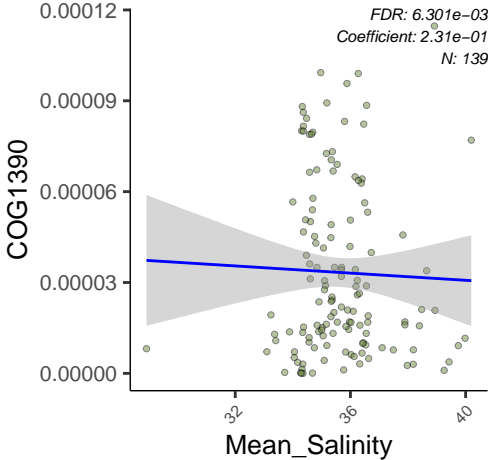




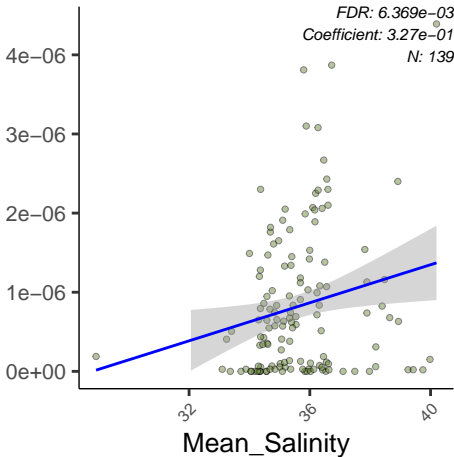


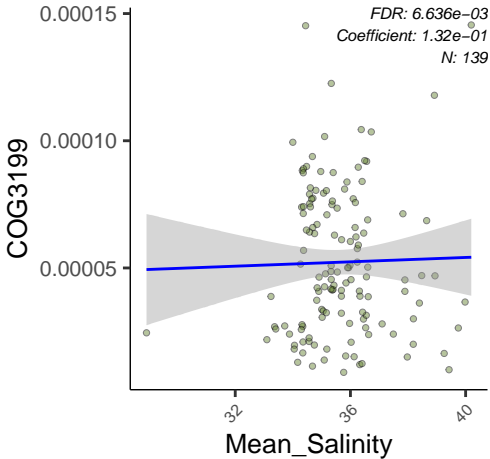


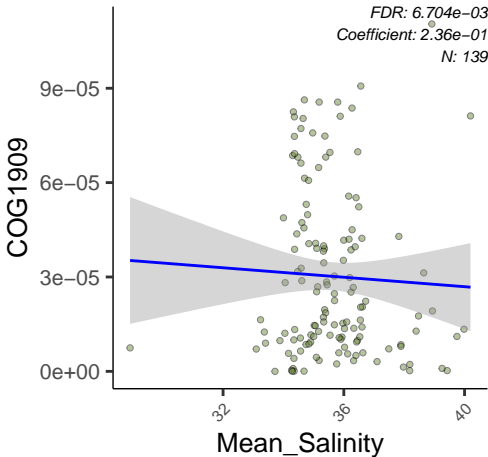


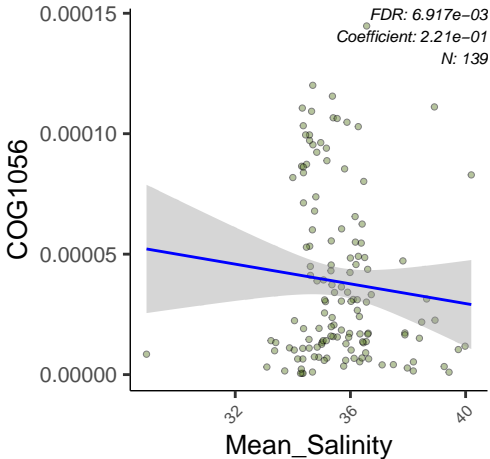


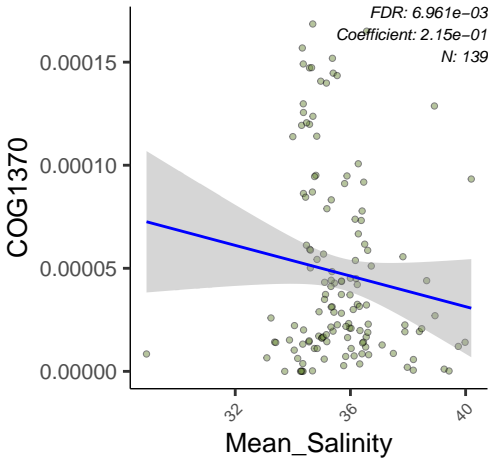
COG4825

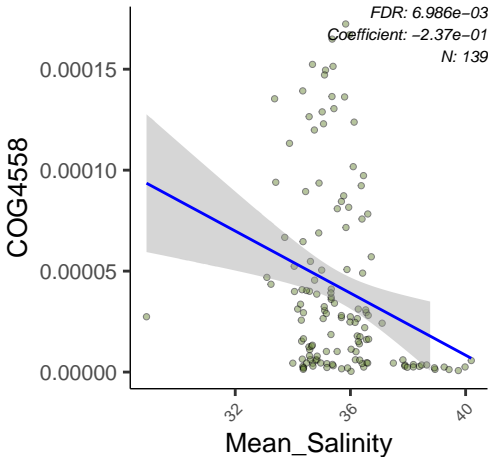


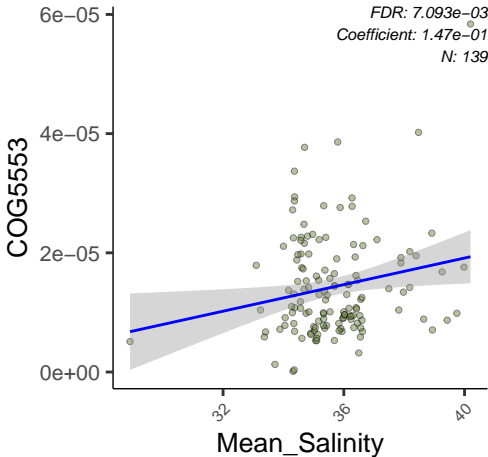












COG4297

7.5e-06

5.0e-06

2.5e-06

0.0e+00

32

36

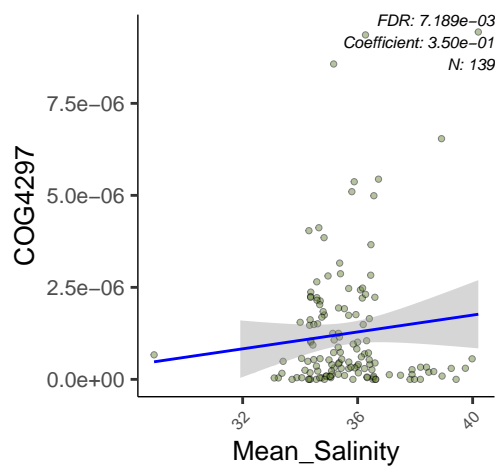
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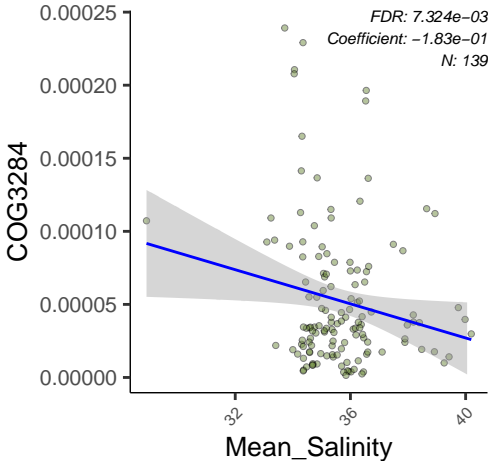
Mean_Salinity

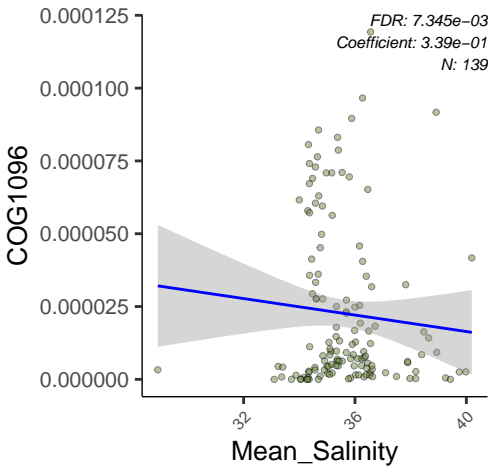
FDR: 7.189e-03

Coefficient: 3.50e-01

N: 139







COG4957

4e-05

3e-05

2e-05

1e-05

0e+00

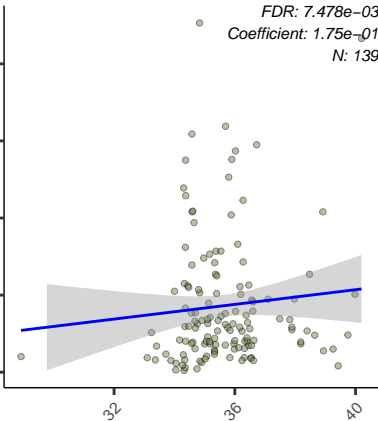
32

36

40

Mean_Salinity

FDR: 7.478e-03
Coefficient: 1.75e-01
N: 139



COG1015

0.00015

0.00010

0.00005

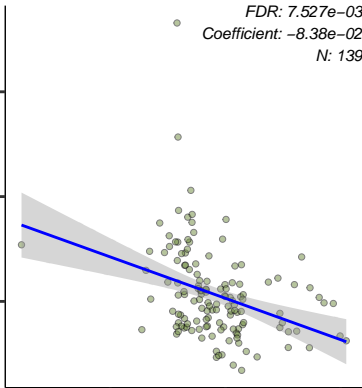
Mean_Salinity

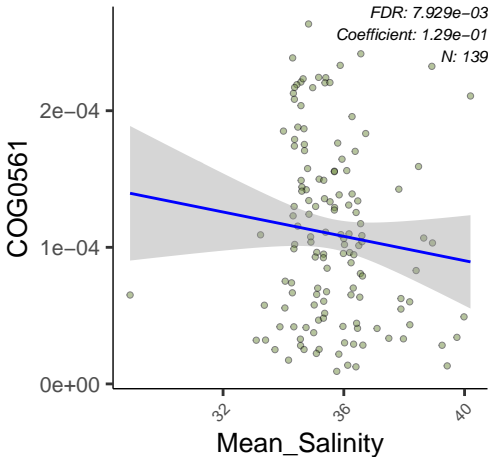
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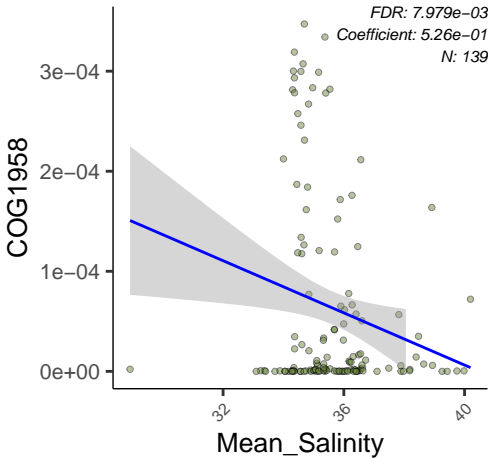
36

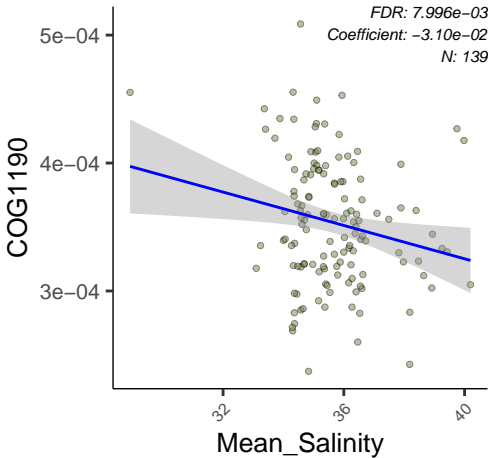
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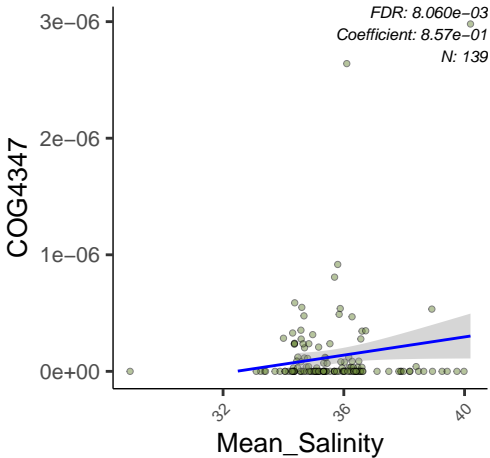
FDR: 7.527e-03
Coefficient: -8.38e-02
N: 139

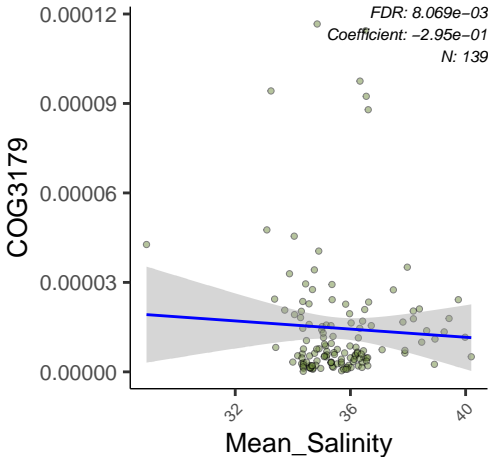


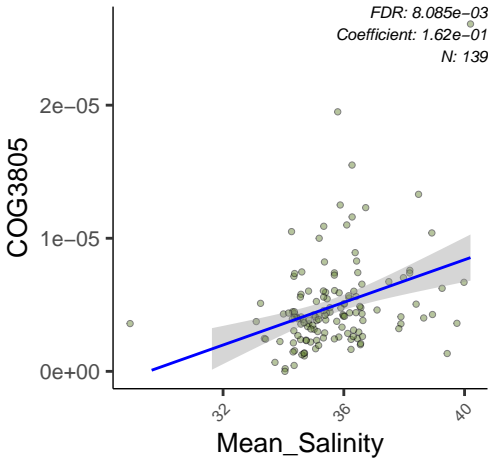


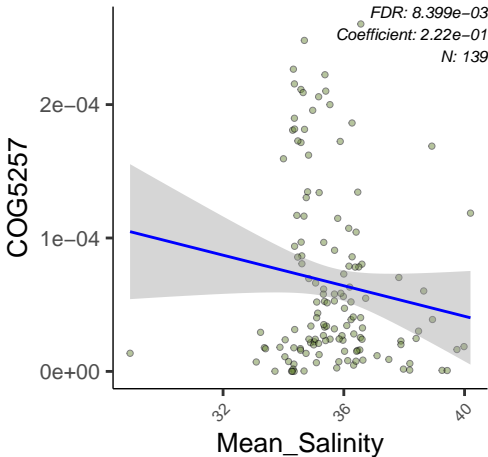


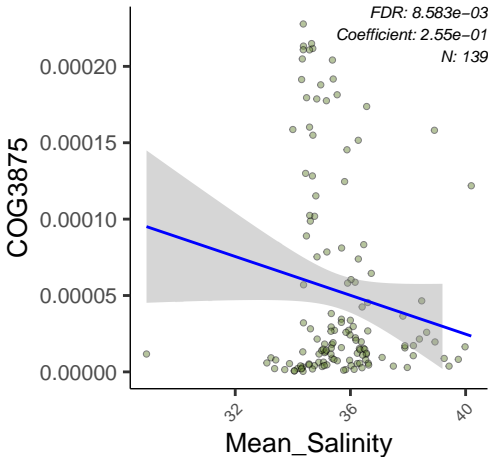


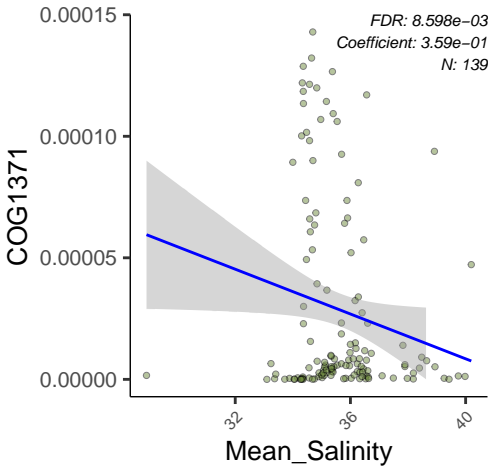


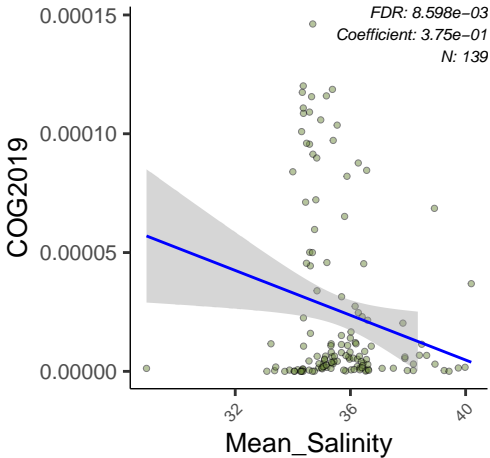


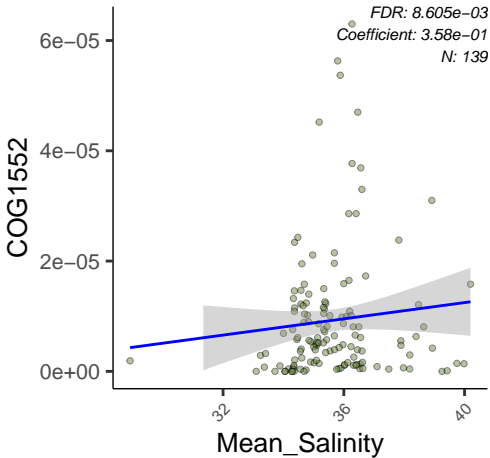


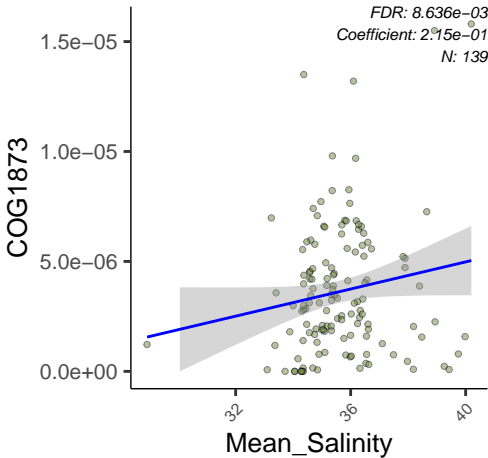


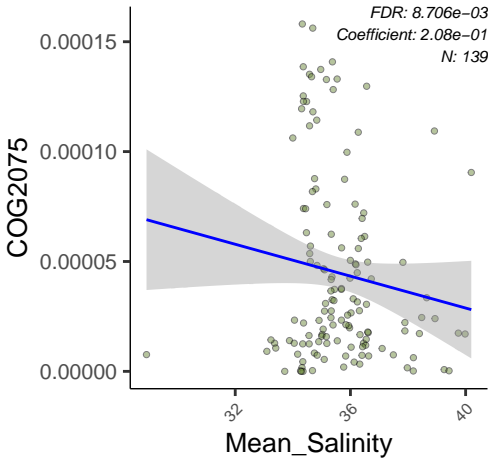


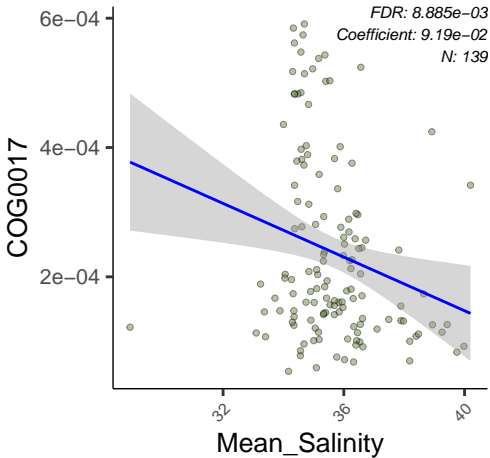


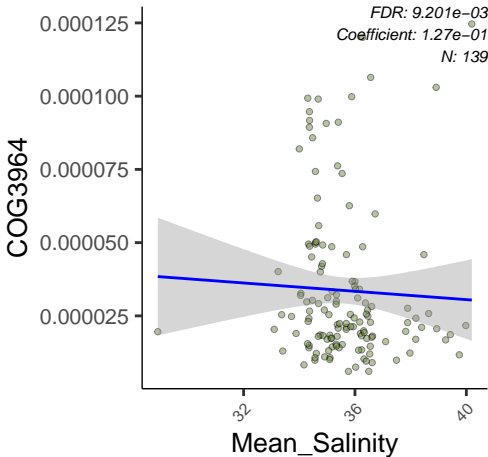


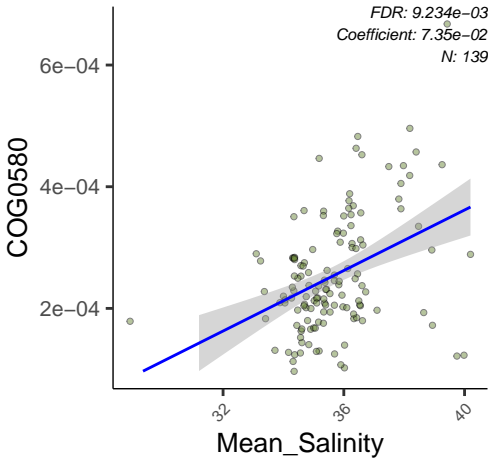


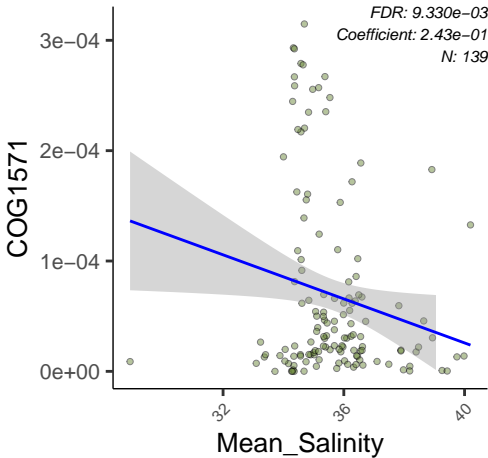


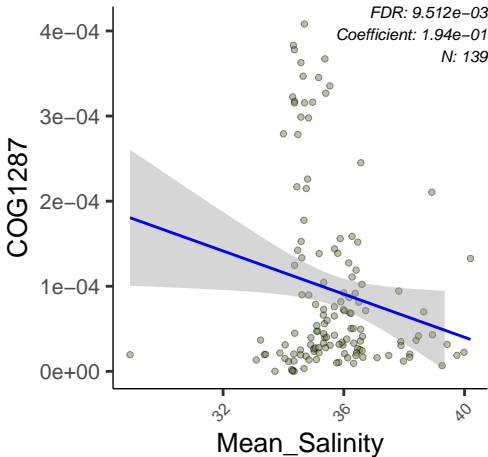


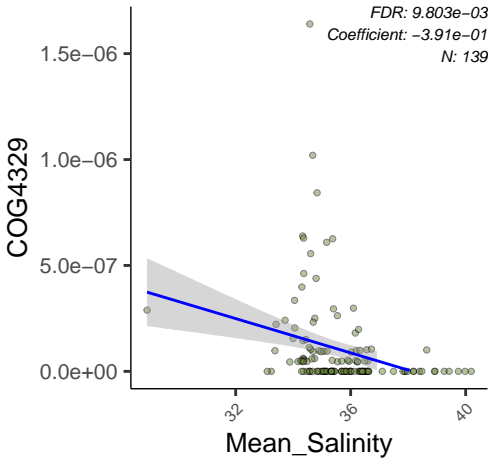


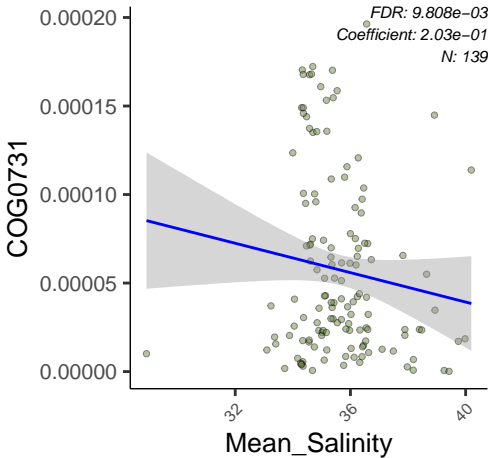


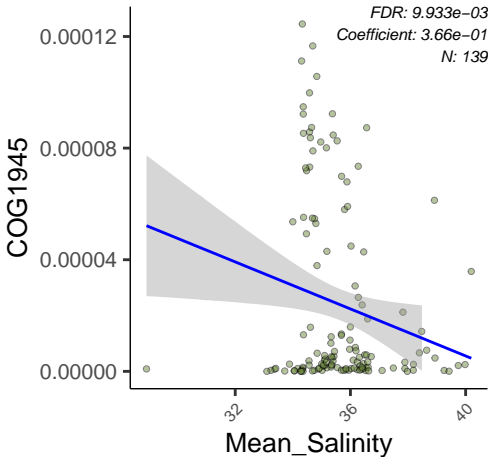


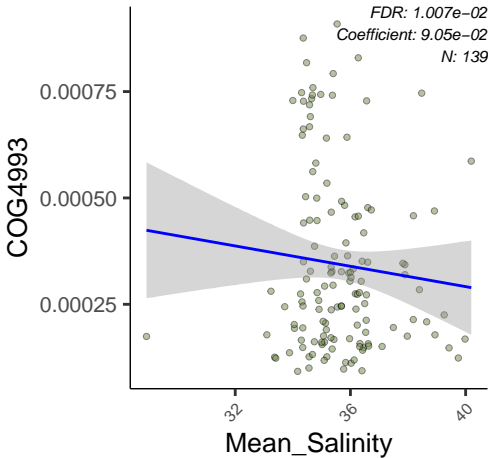


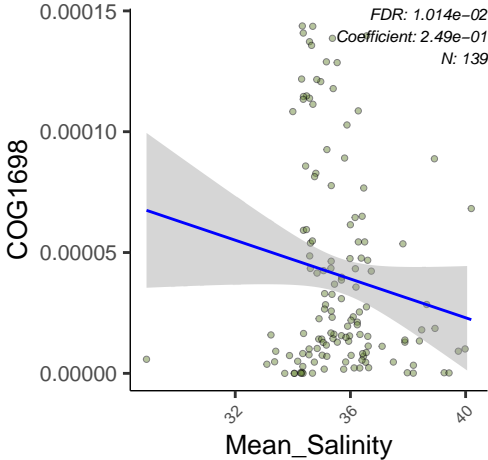


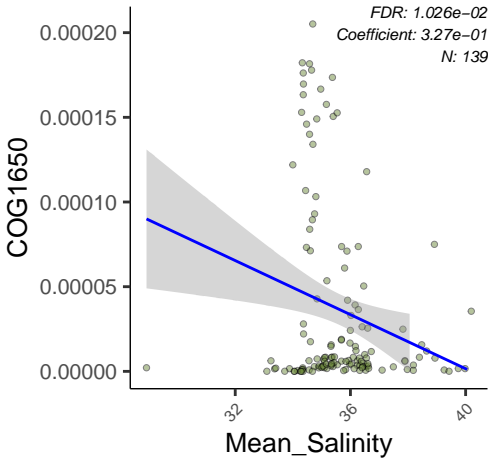


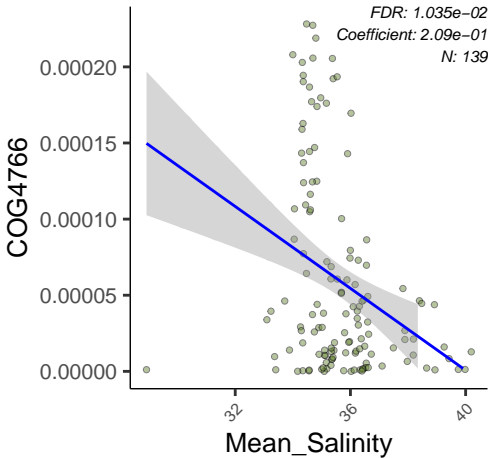


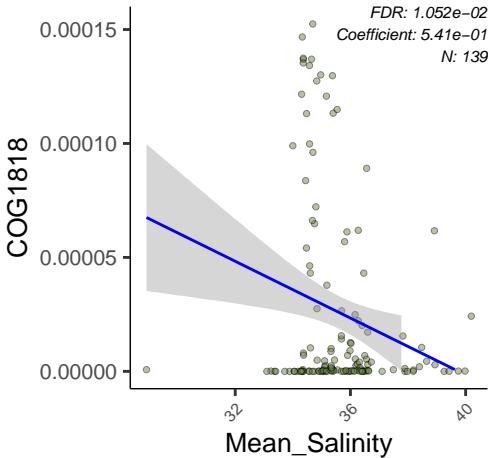


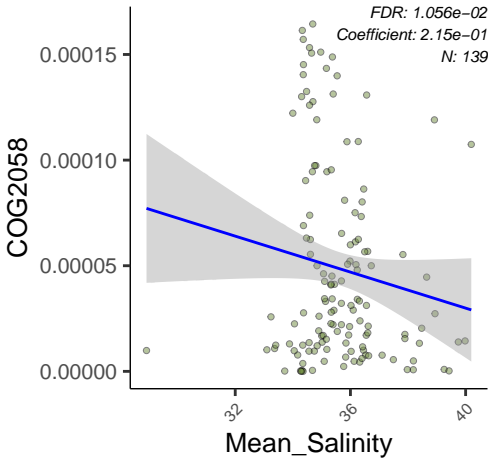




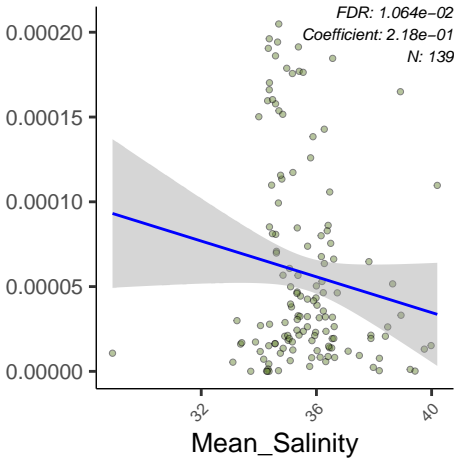




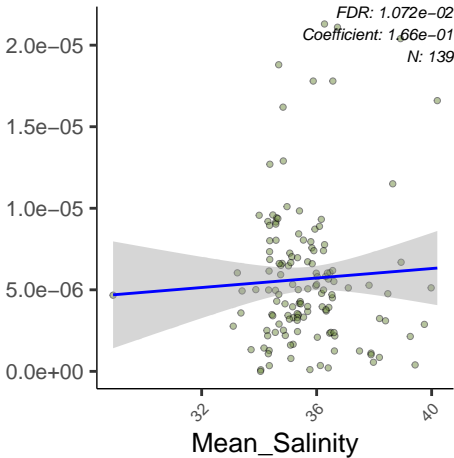


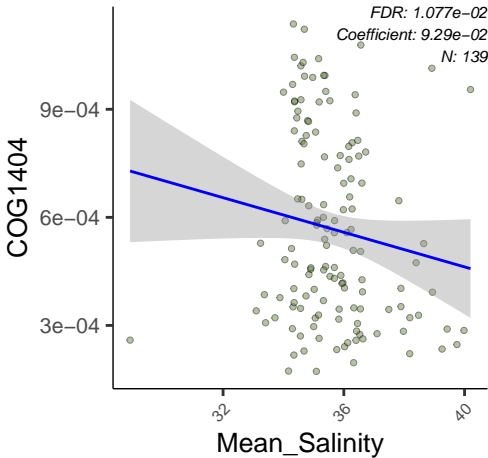


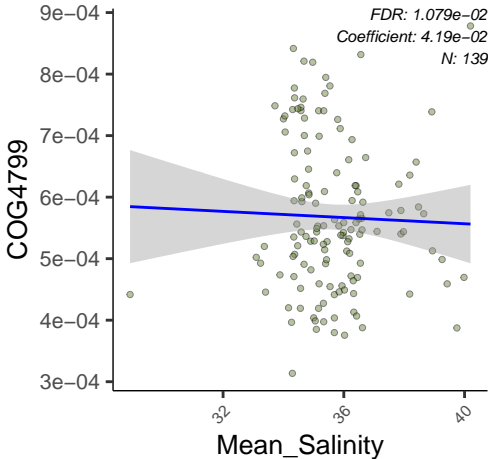
COG1537

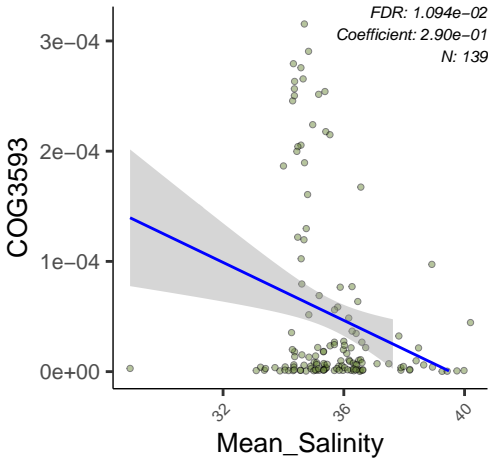


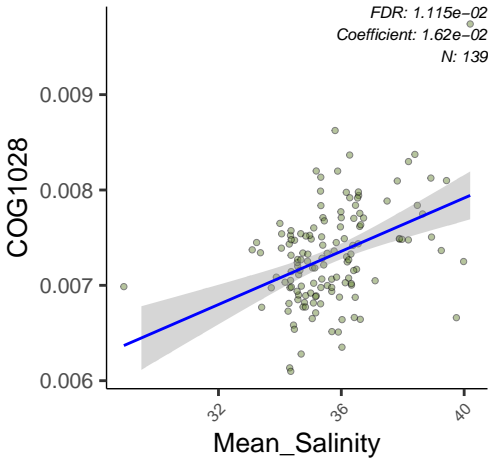
COG2140

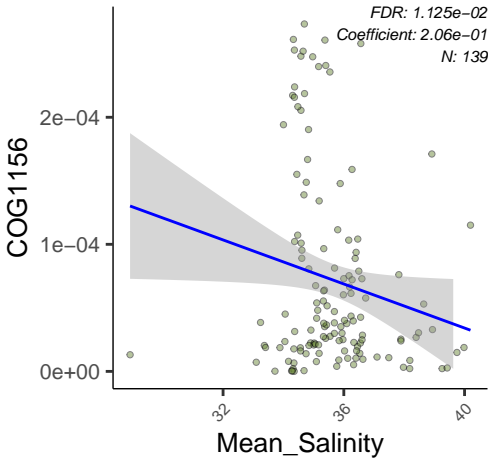


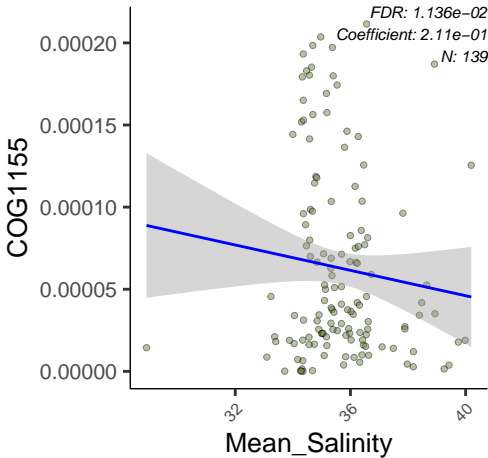


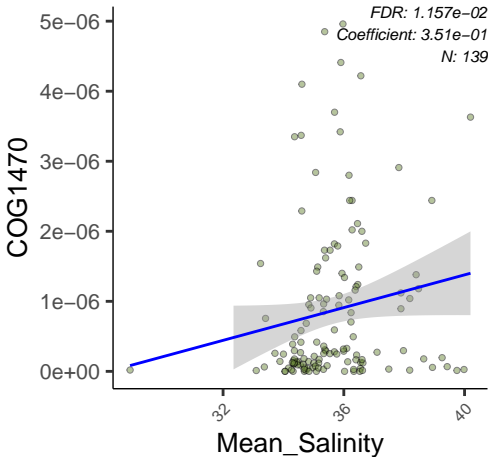


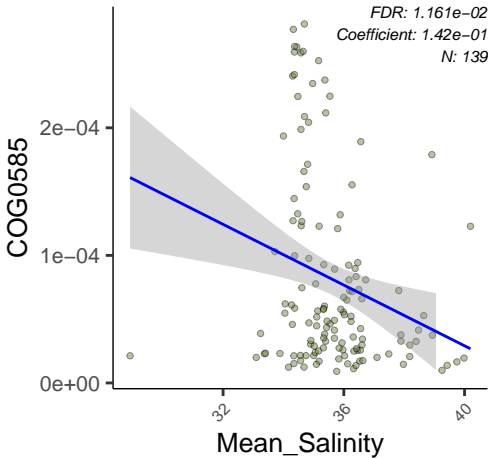


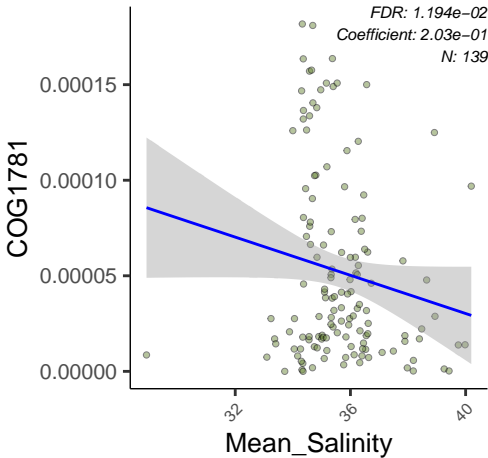


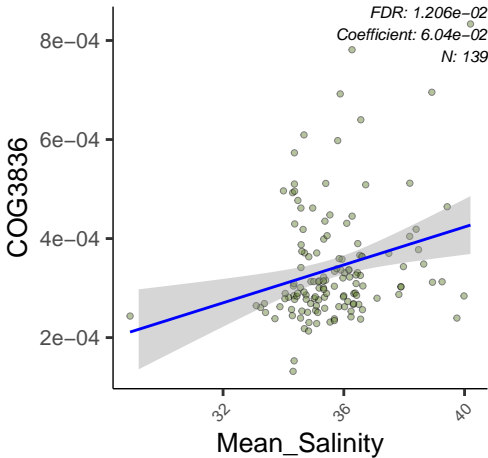


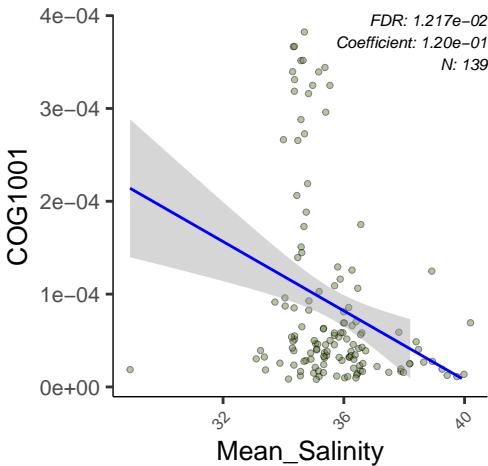


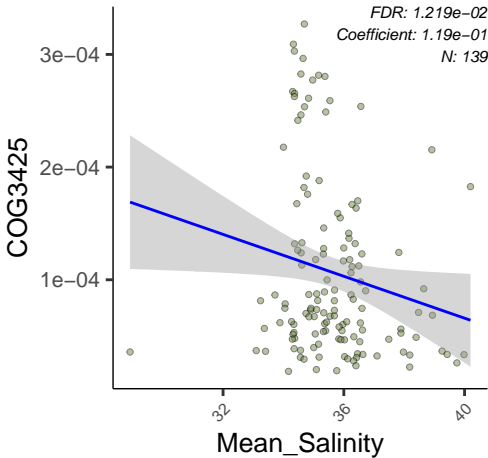


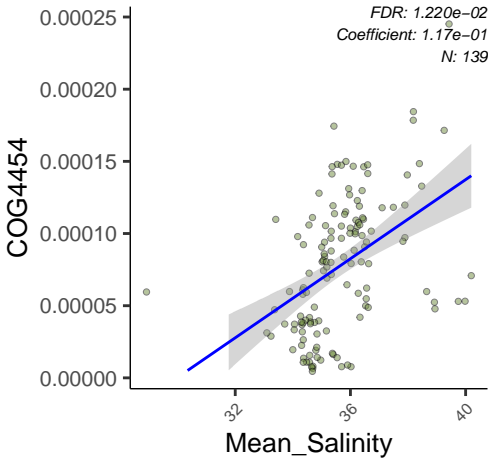


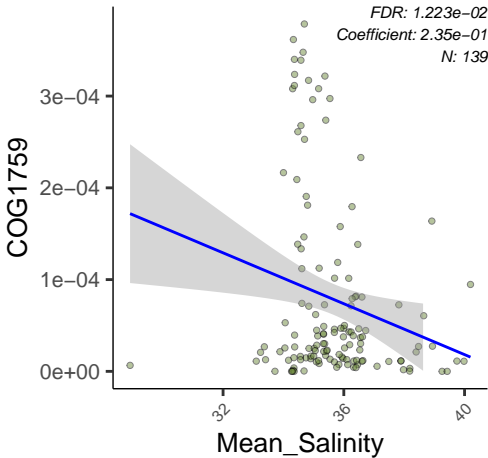


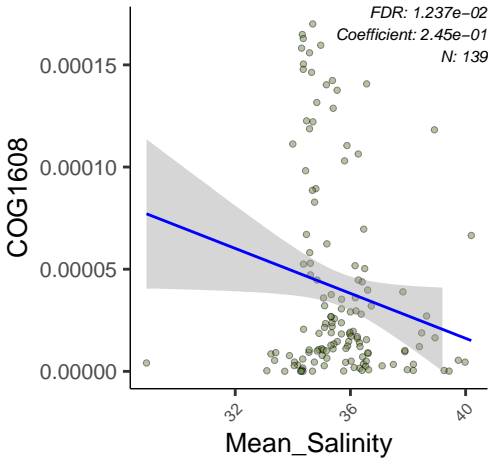












COG1804

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0.002

0.001

FDR: 1.237e-02

Coefficient: 5.44e-02

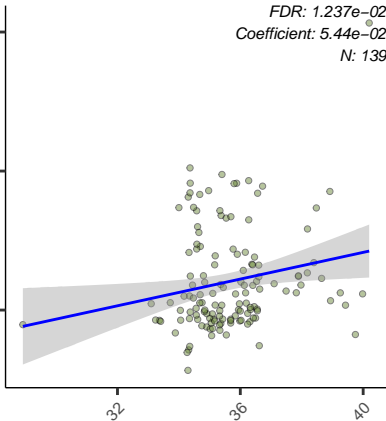
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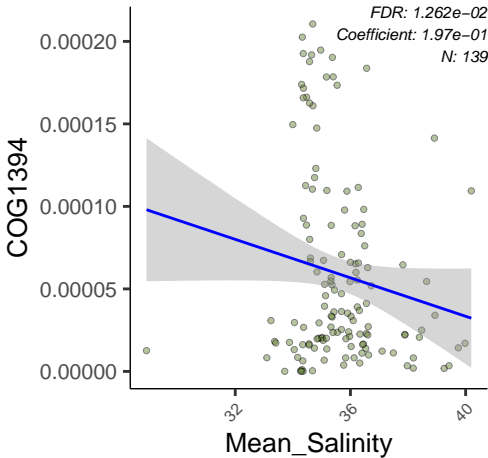
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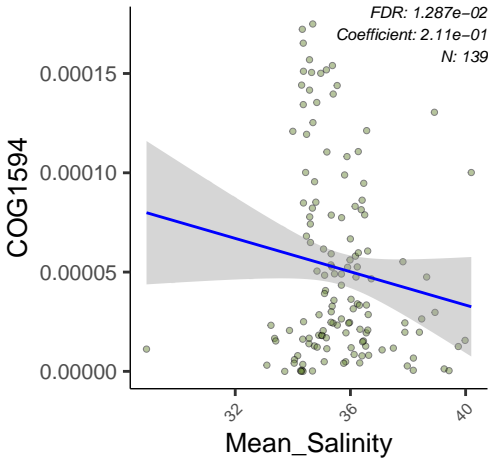
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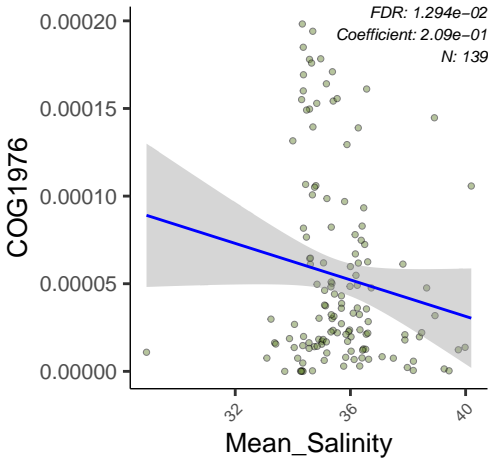
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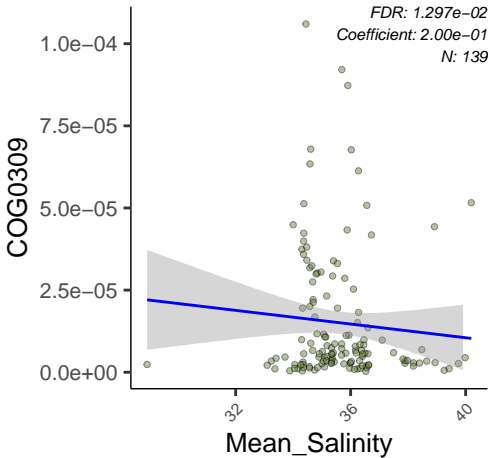
Mean_Salinity

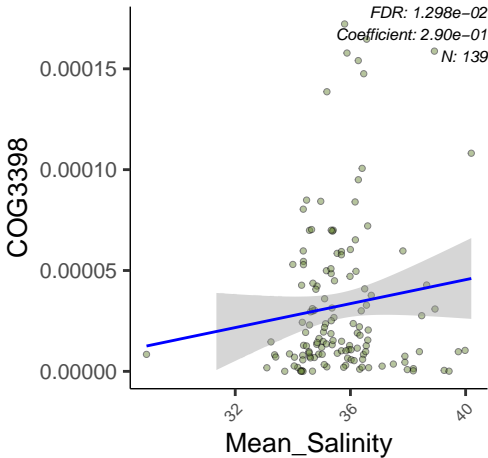


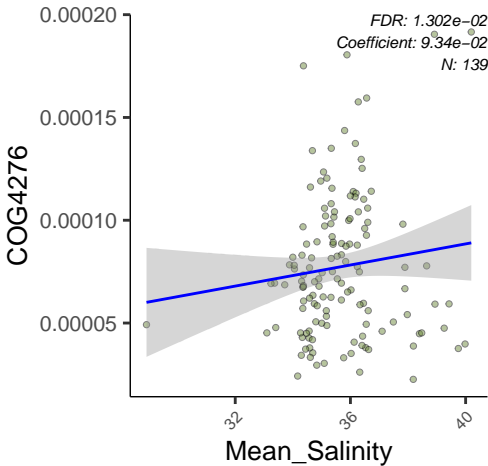


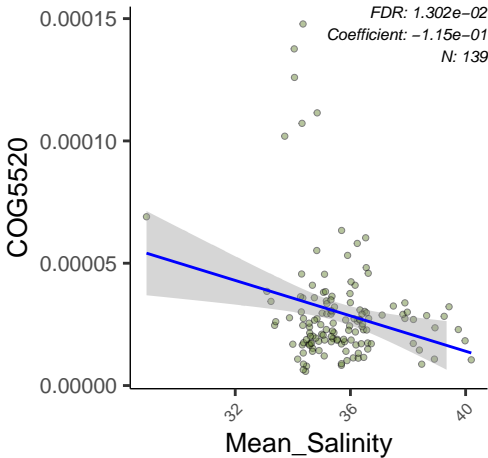


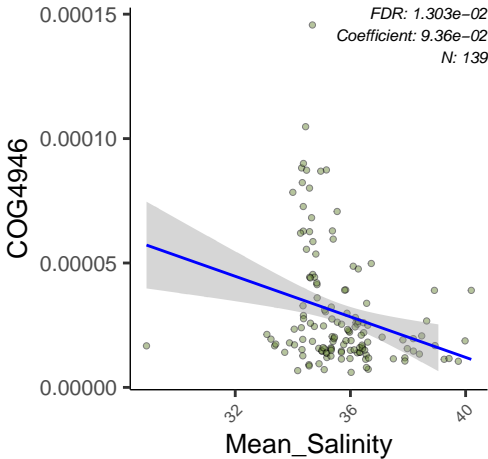


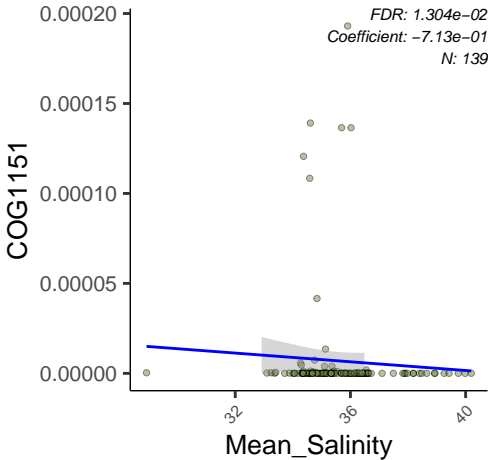




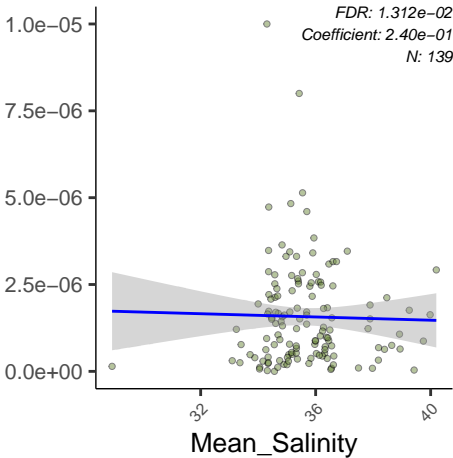


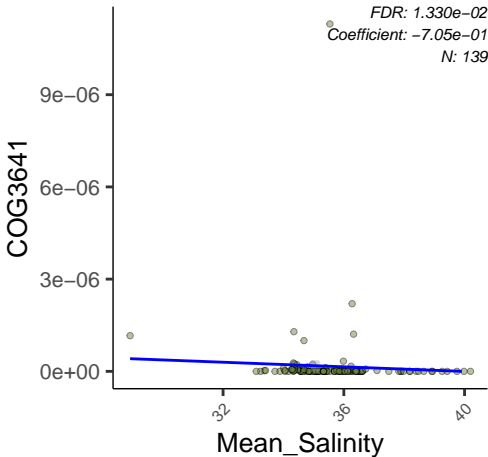






COG2342





COG5498

7.5e-05

5.0e-05

2.5e-05

0.0e+00

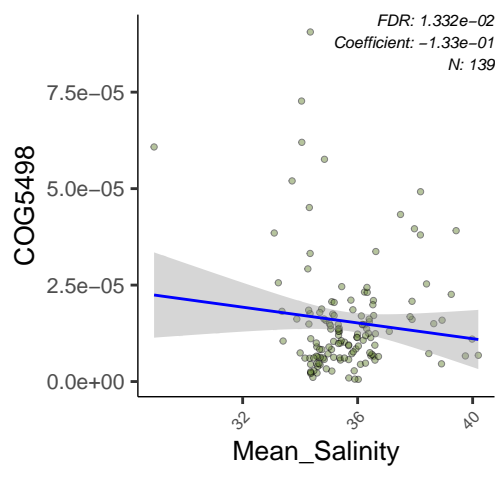
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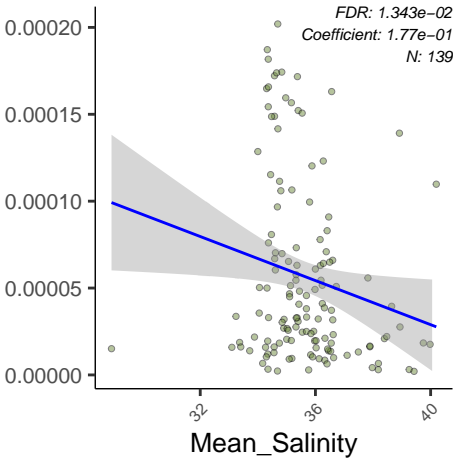
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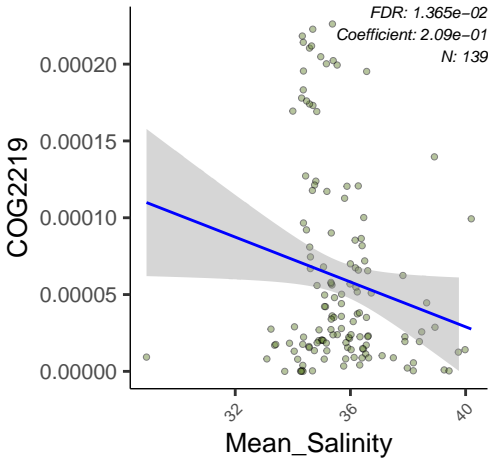
Mean_Salinity

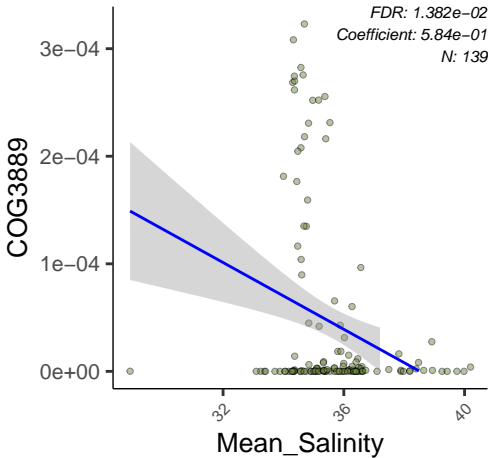
FDR: 1.332e-02
Coefficient: -1.33e-01
N: 139

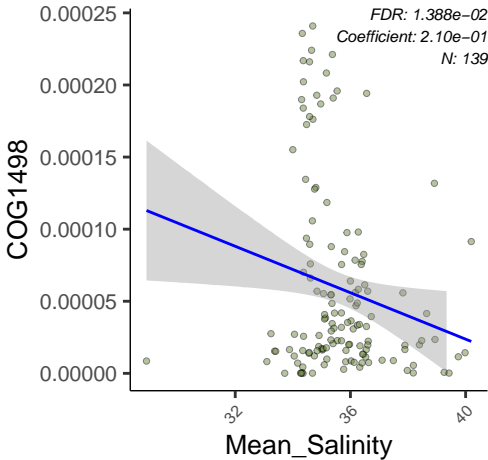


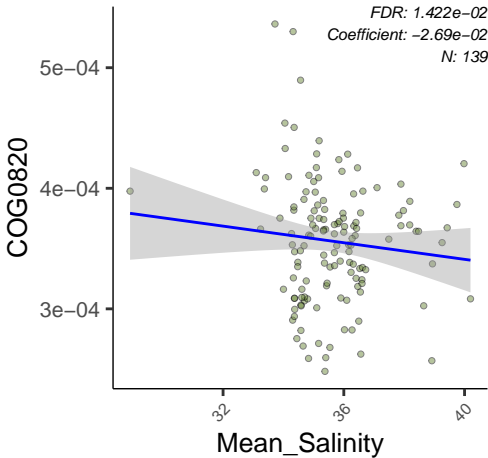
COG2107

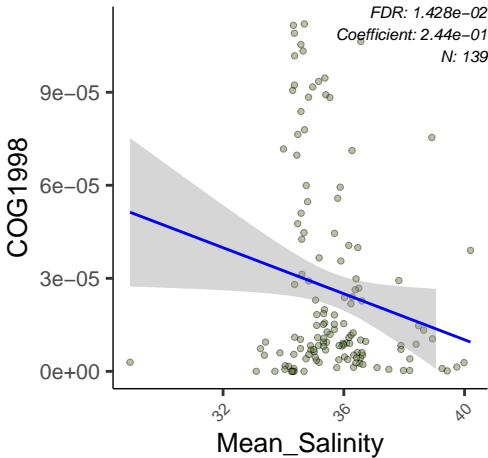


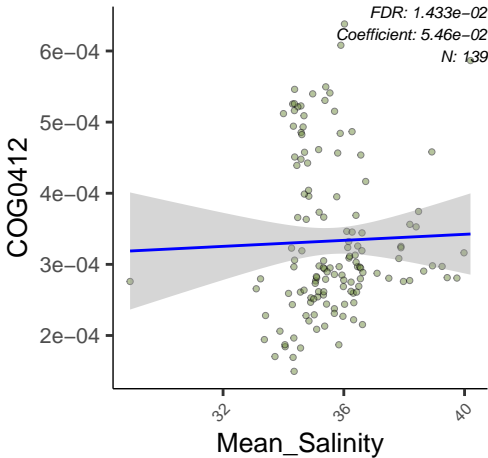












COG1245

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0.00020
0.00015
0.00010
0.00005
0.00000

32

36

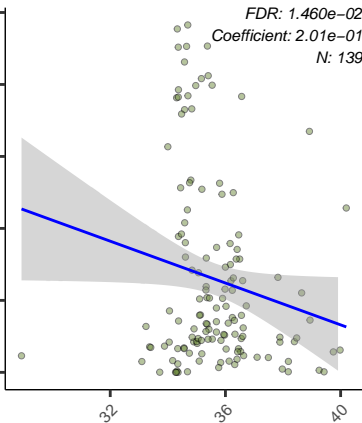
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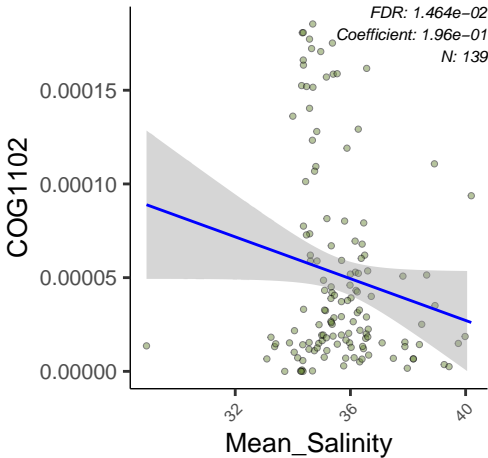
Mean_Salinity

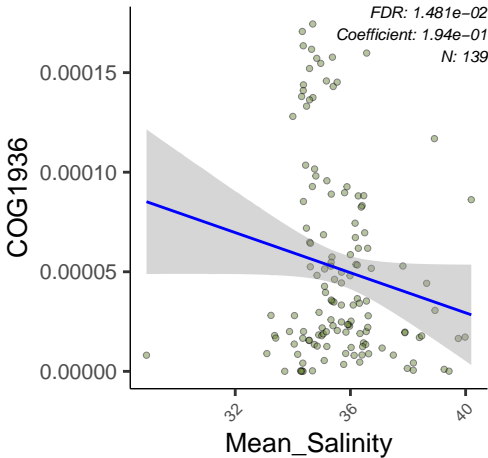
FDR: 1.460e-02

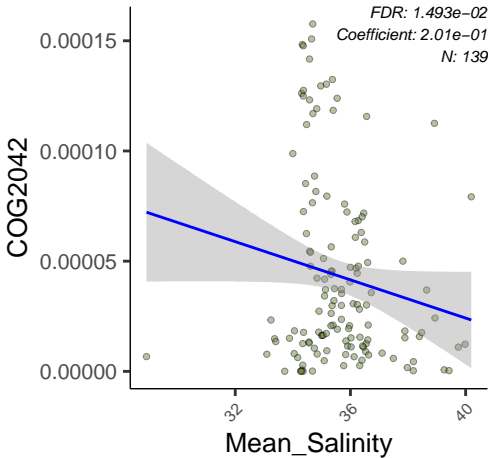
Coefficient: 2.01e-01

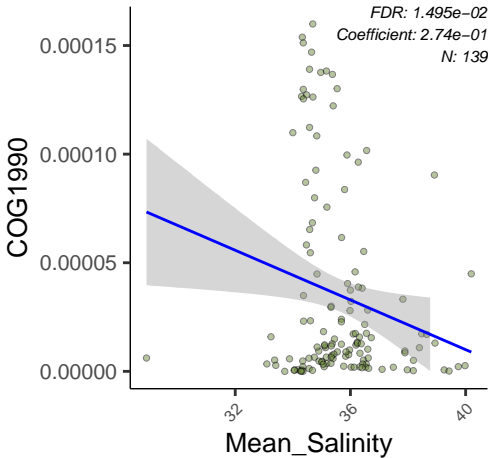
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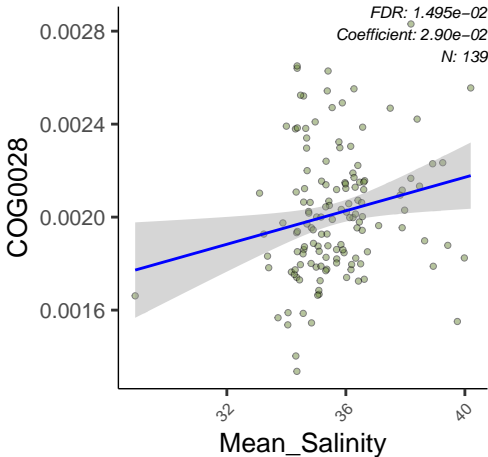


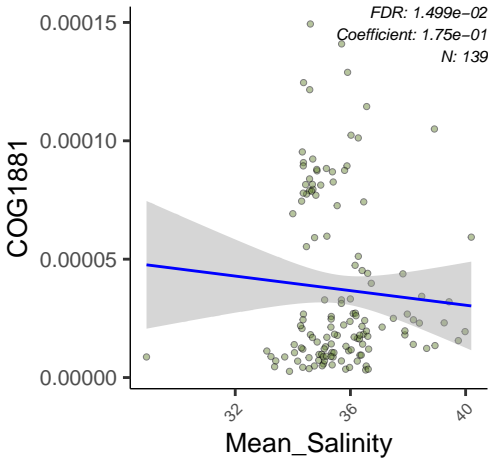


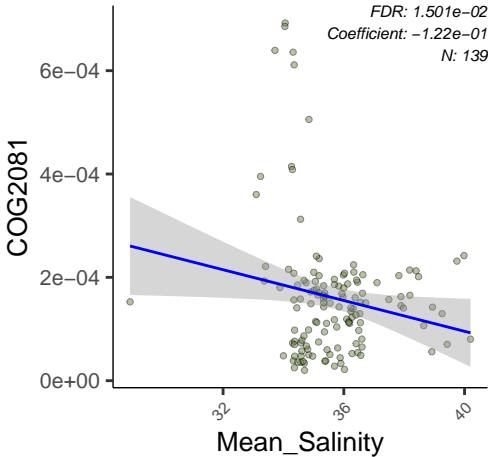


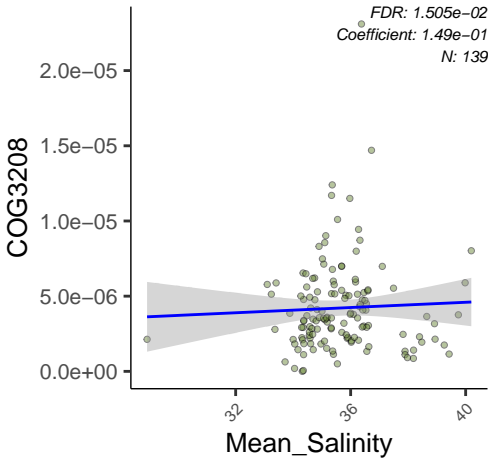


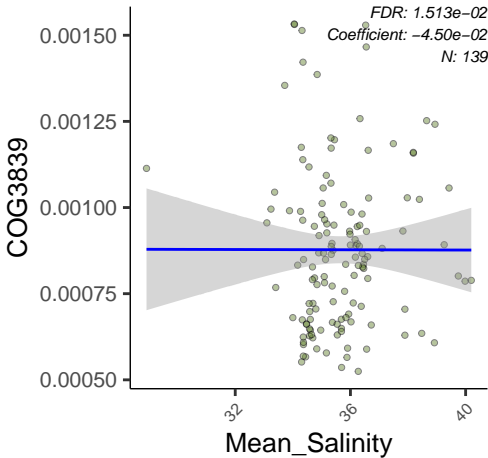


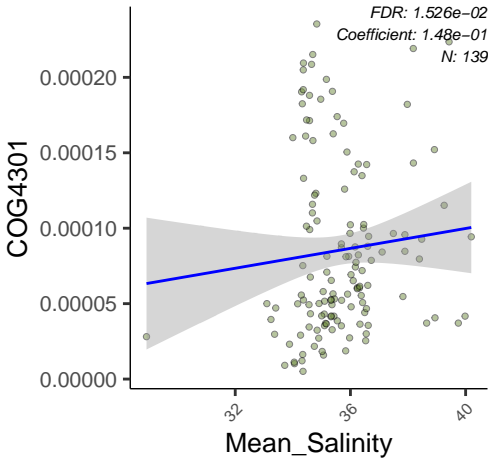


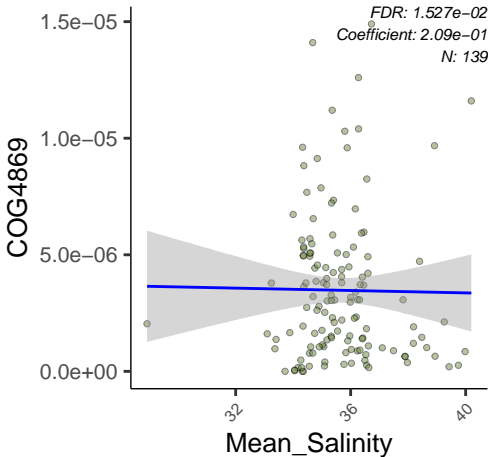












COG0478

2.0e-06

1.5e-06

1.0e-06

5.0e-07

0.0e+00

FDR: 1.532e-02

Coefficient: 5.55e-01

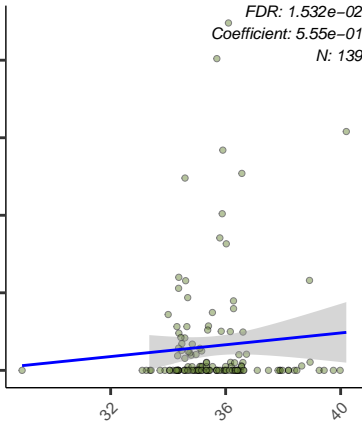
N: 139

32

36

40

Mean_Salinity



COG4324

FDR: 1.532e-02

Coefficient: 1.36e-01

N: 139

7.5e-05

5.0e-05

2.5e-05

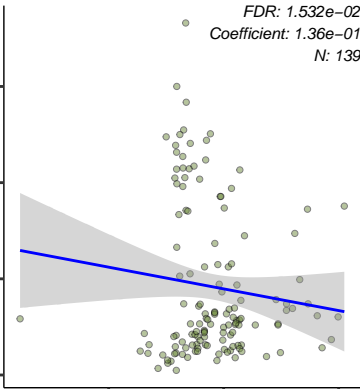
0.0e+00

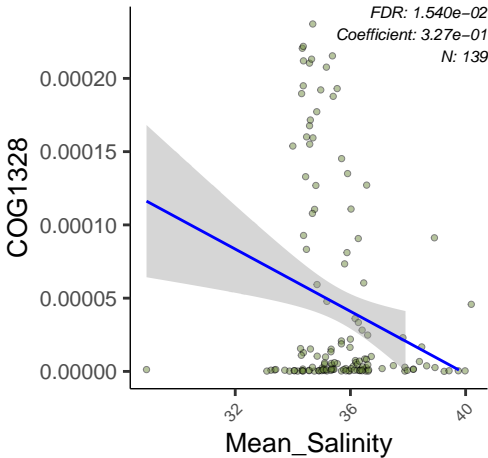
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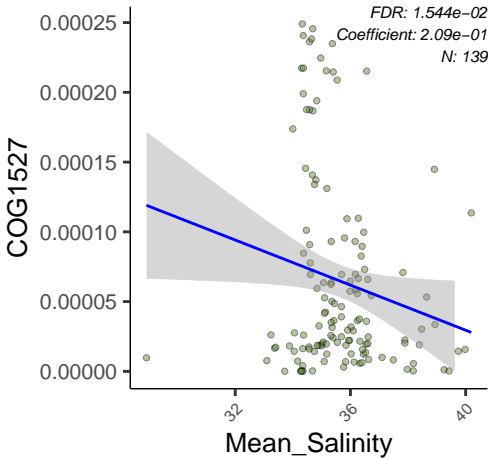
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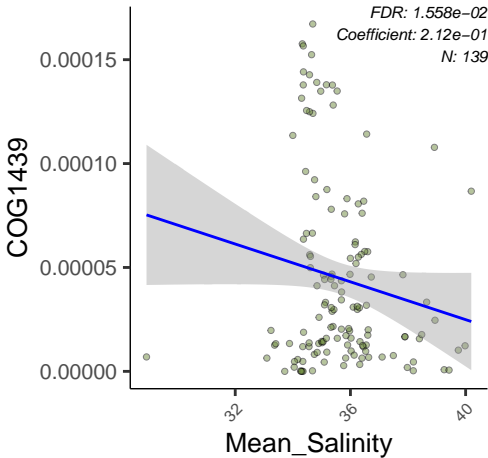
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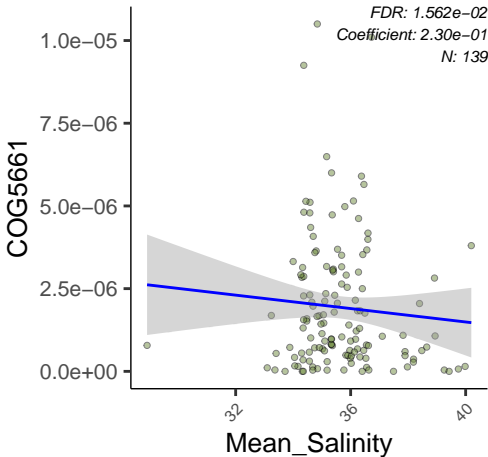
Mean_Salinity

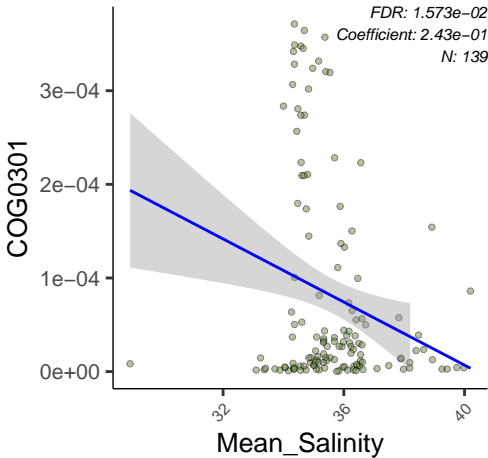


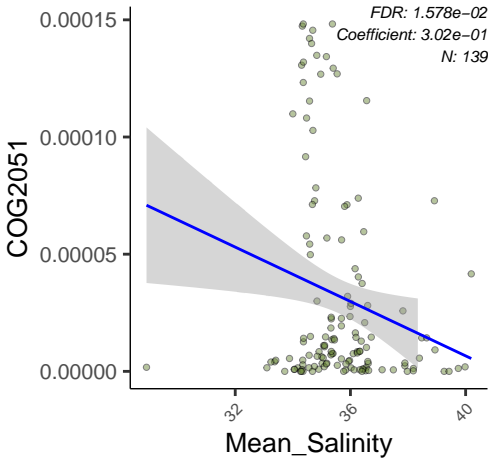




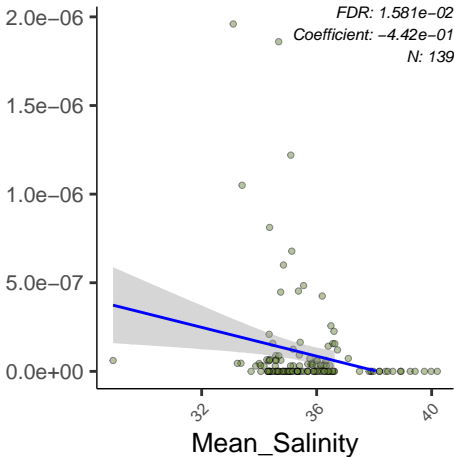


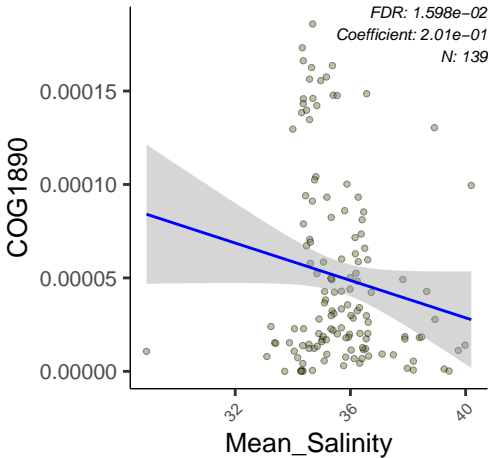


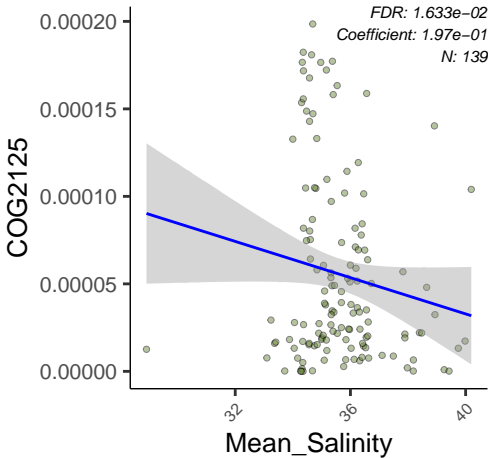


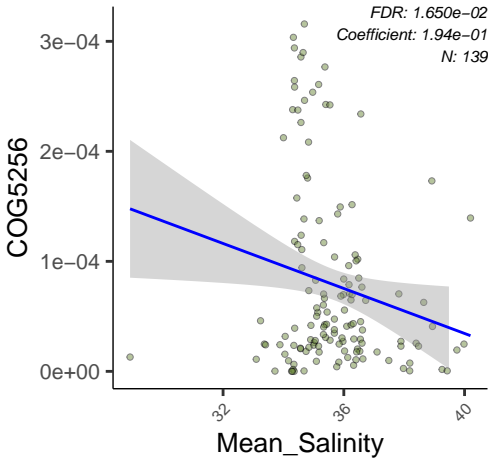


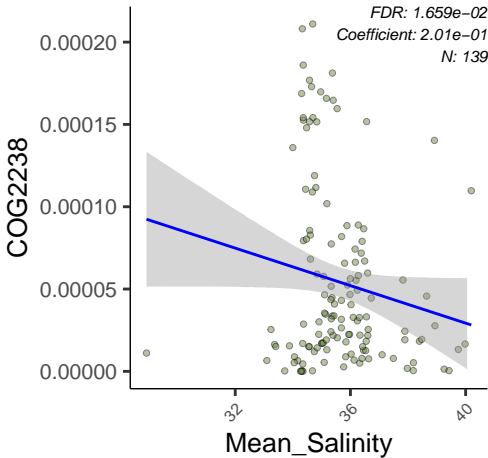
COG4947

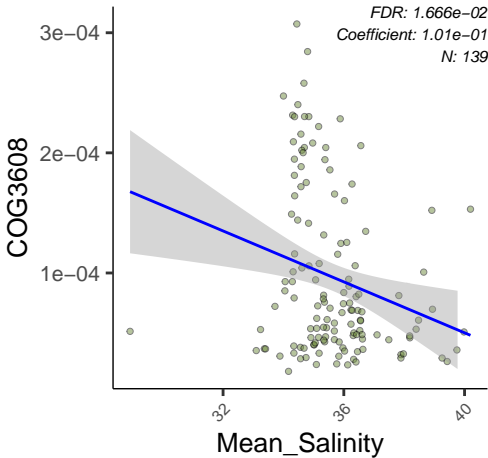


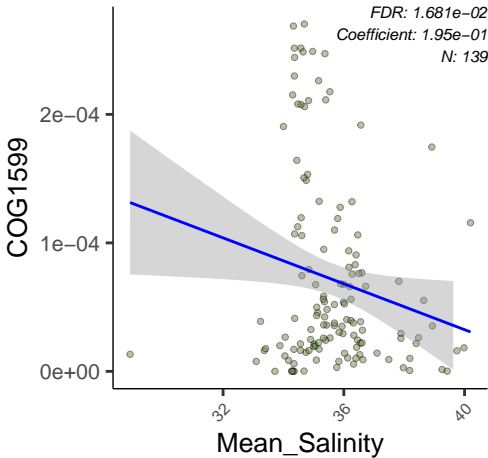




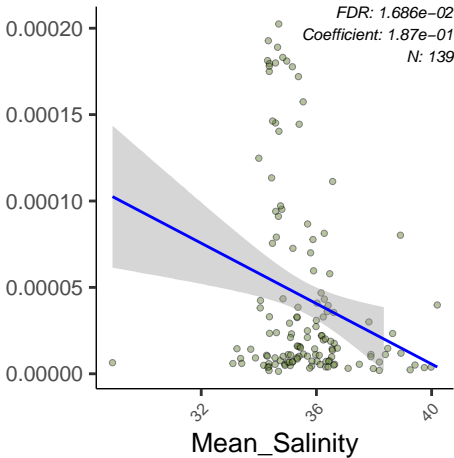


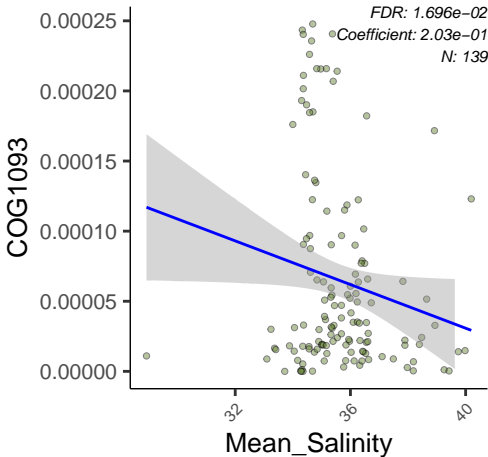


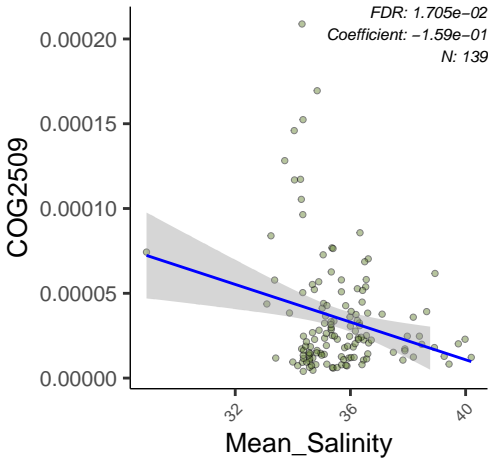




COG2102







COG1717

0.00015
0.00010
0.00005
0.00000

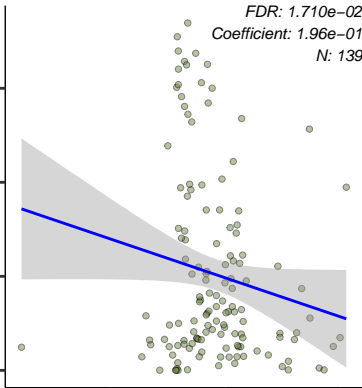
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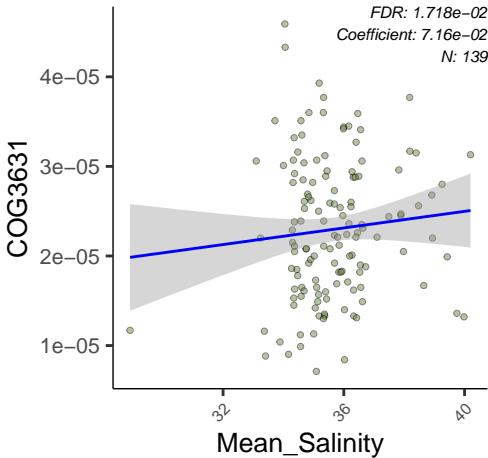
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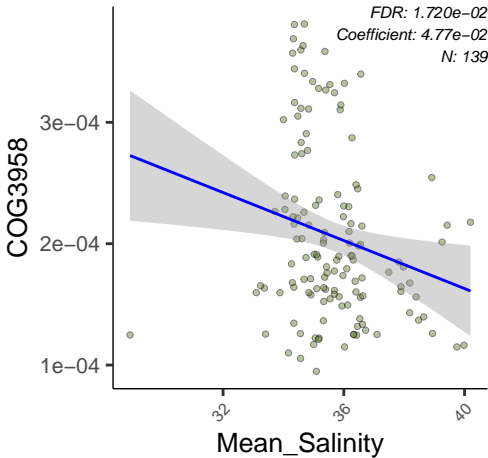
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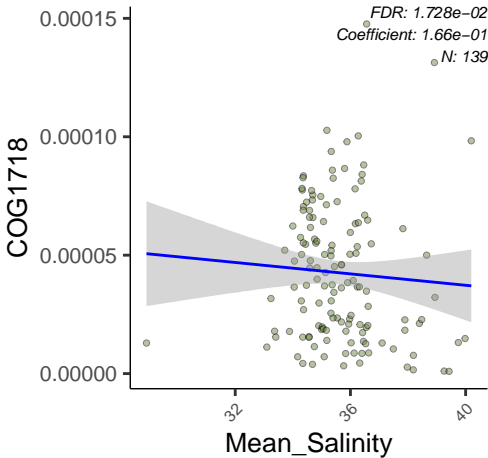
Mean_Salinity

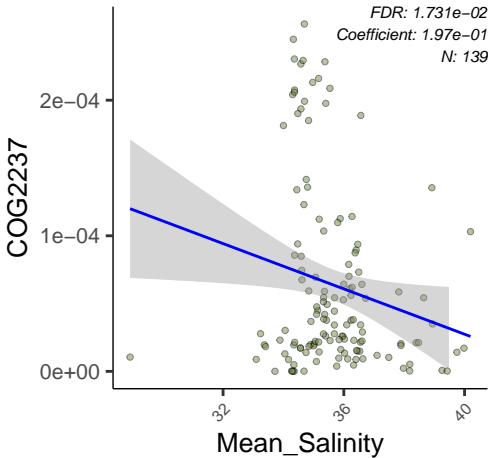
FDR: 1.710e-02
Coefficient: 1.96e-01
N: 139











COG1735

FDR: 1.732e-02
Coefficient: 1.63e-01
N: 139

7.5e-05

5.0e-05

2.5e-05

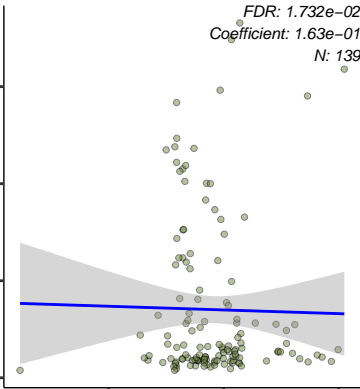
0.0e+00

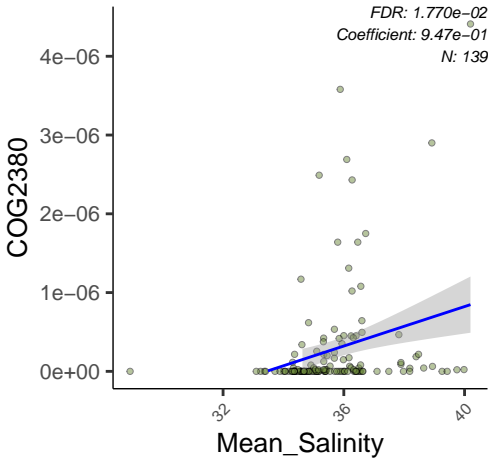
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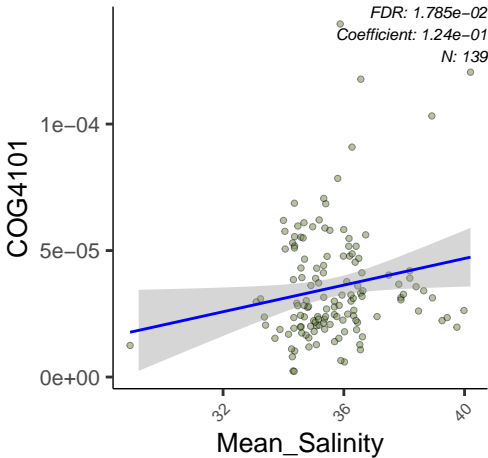
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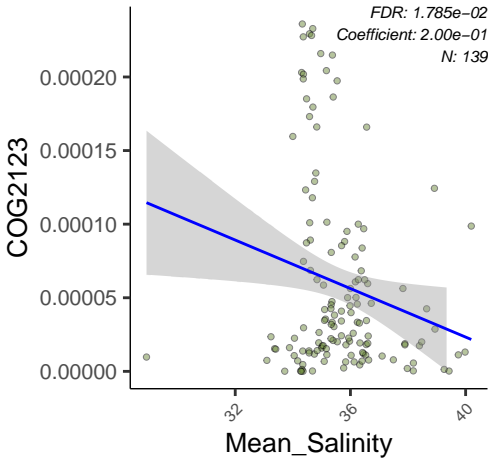
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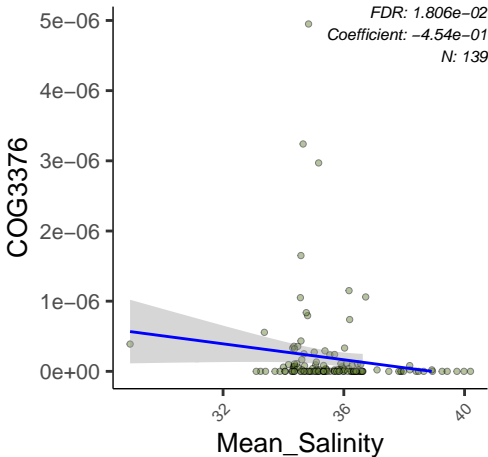
Mean_Salinity

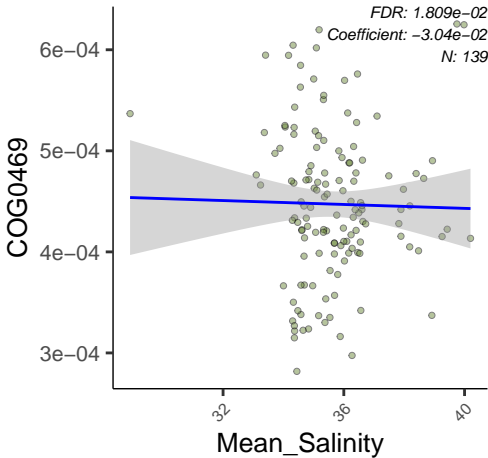


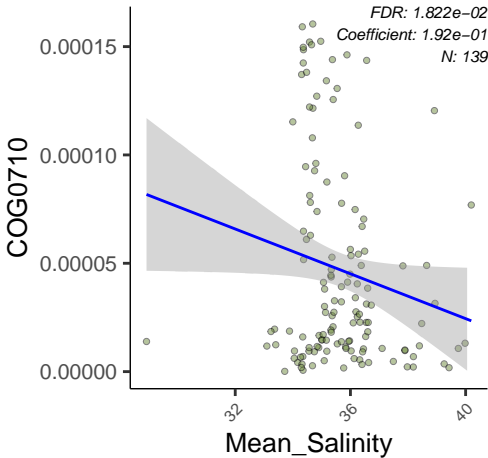


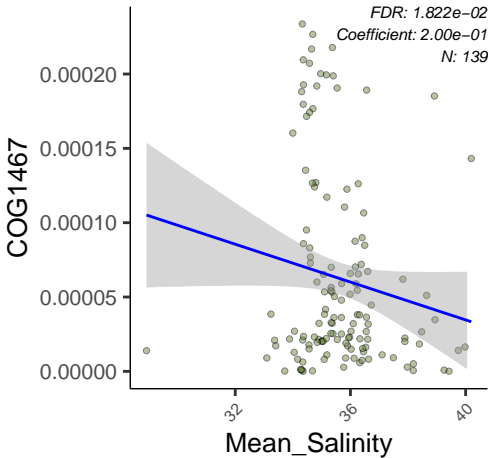


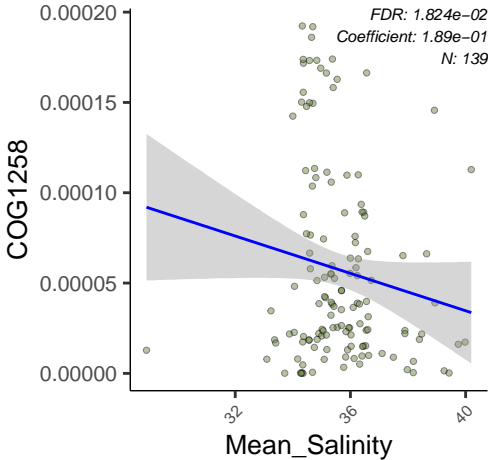


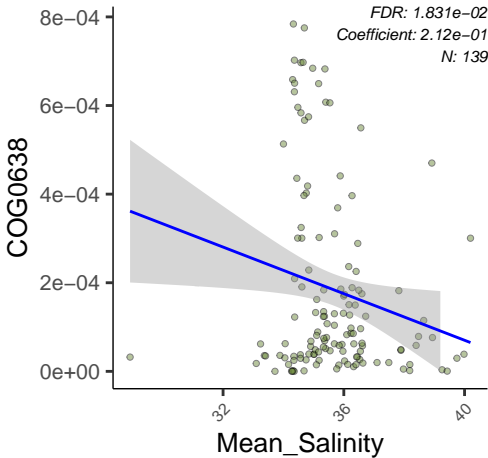


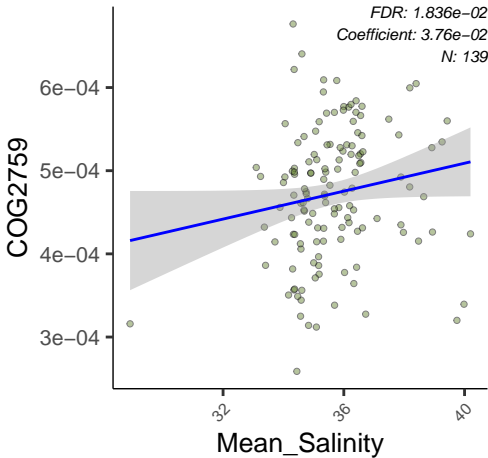


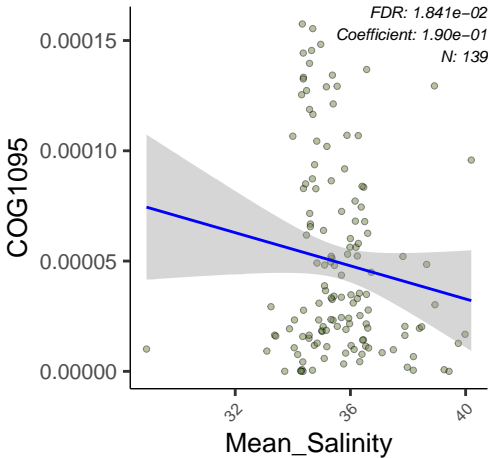


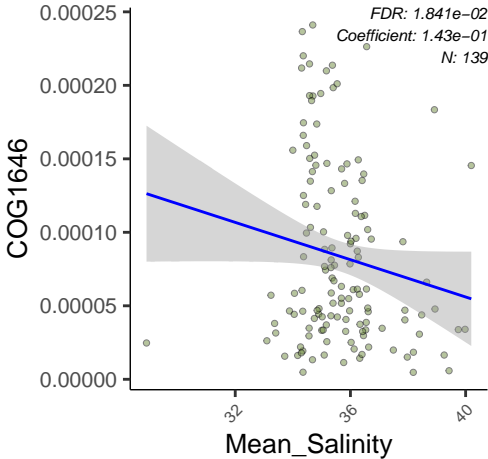


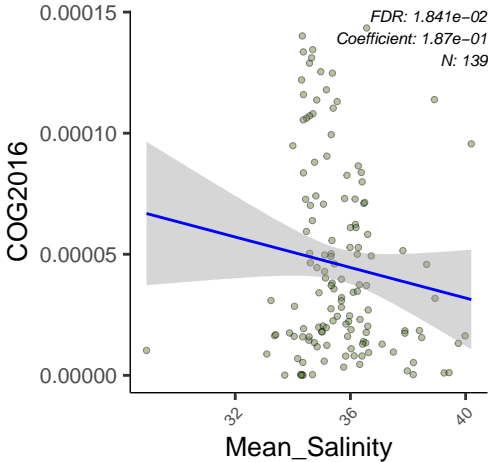


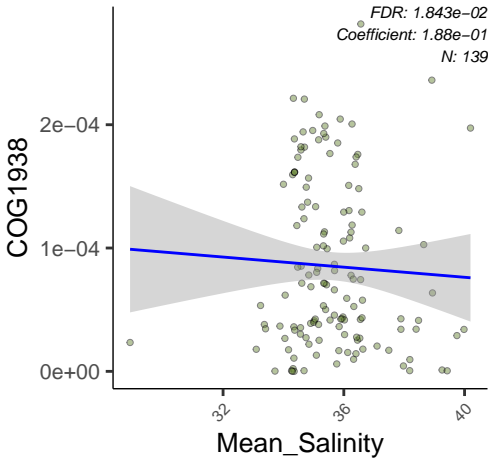


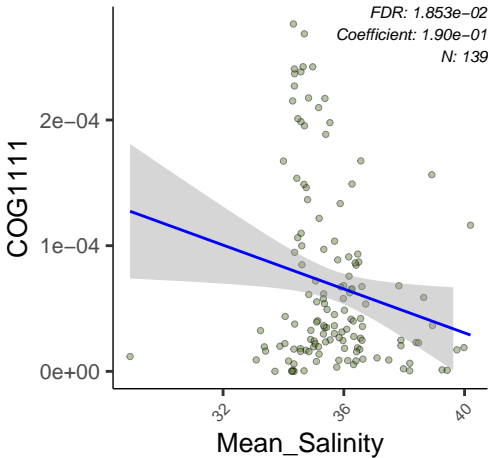


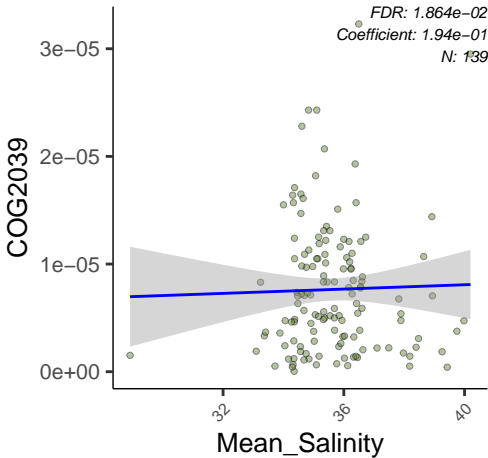


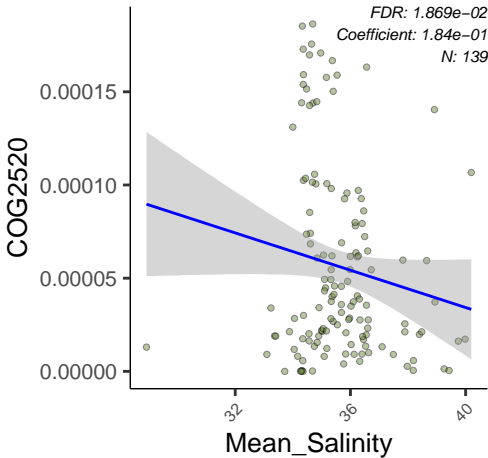


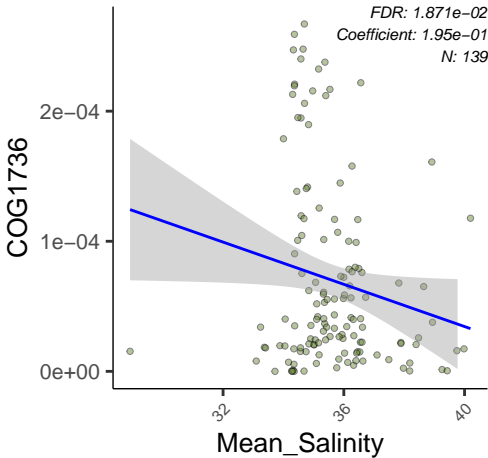


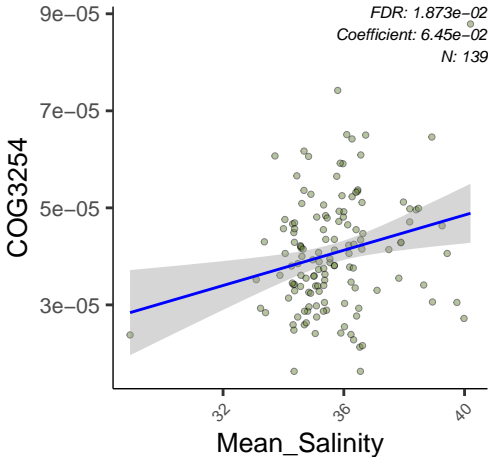


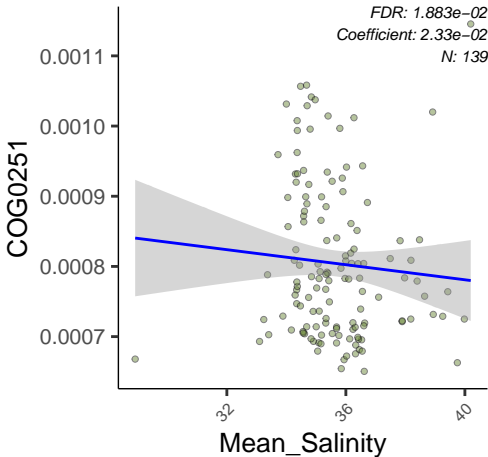


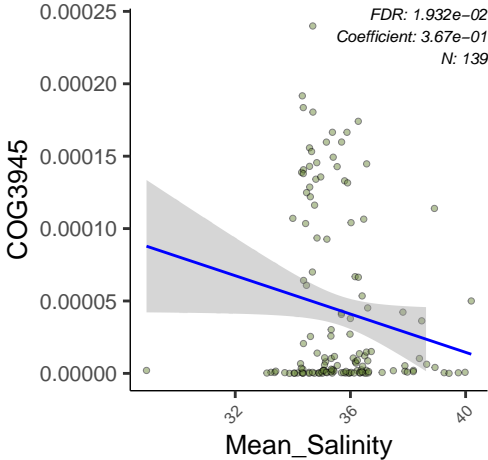


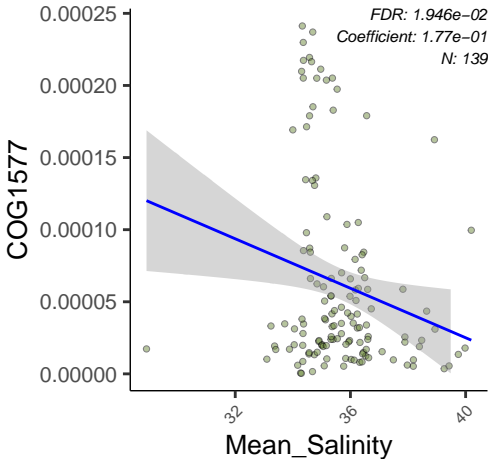


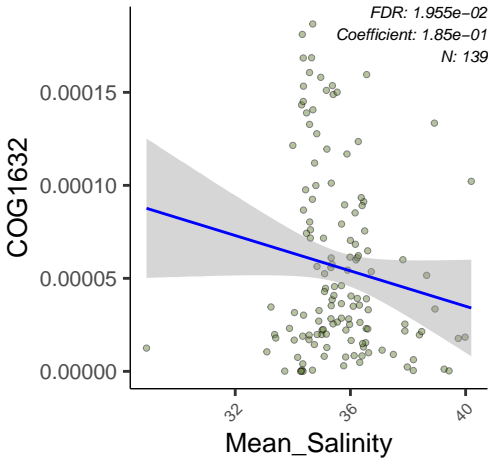


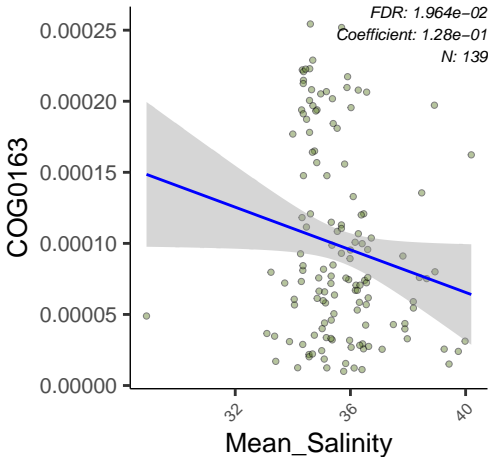


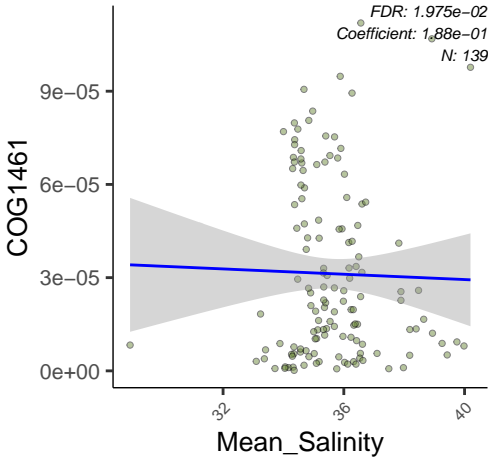


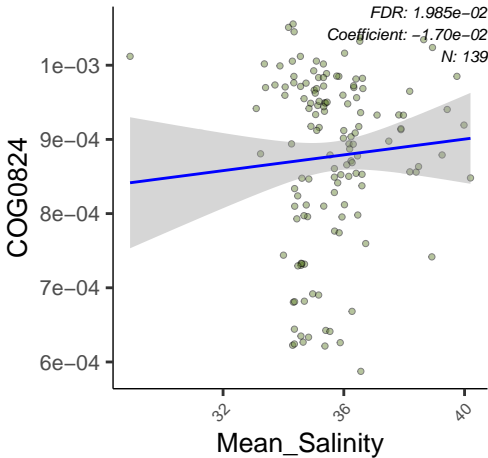


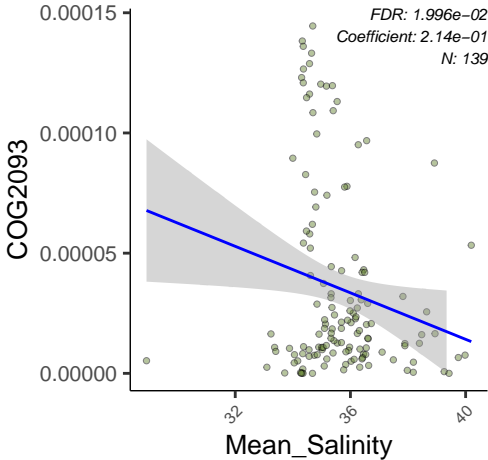


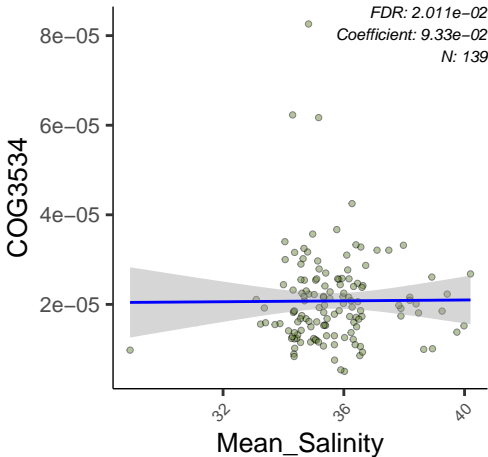


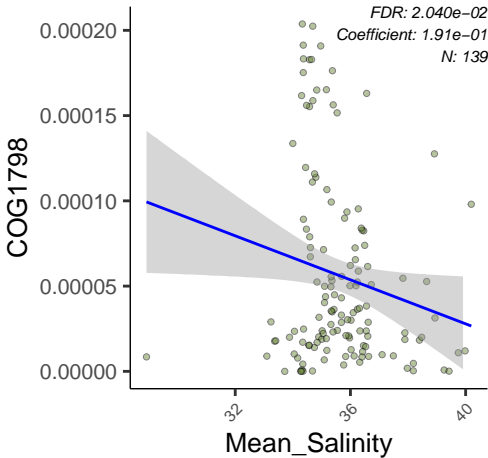


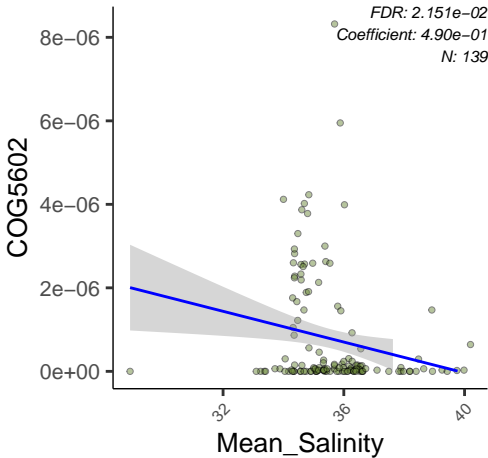


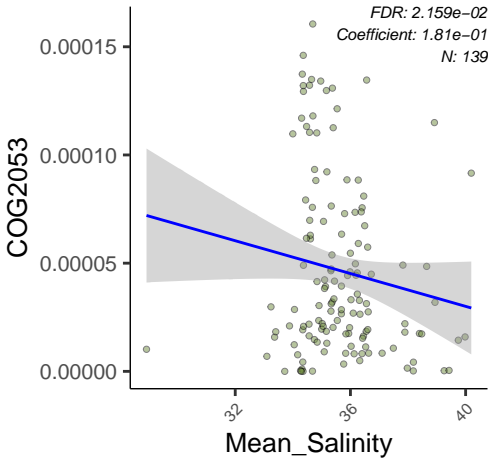


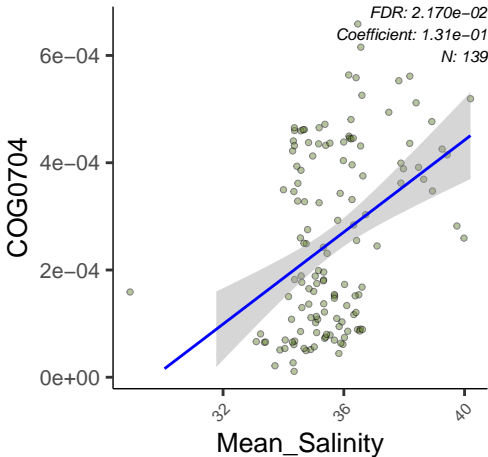


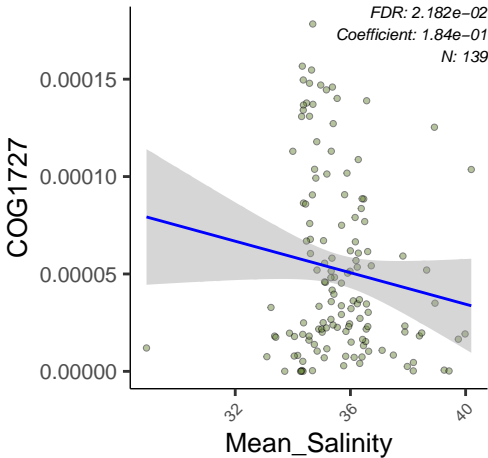












COG2147

0.00015

0.00010

0.00005

0.00000

32

36

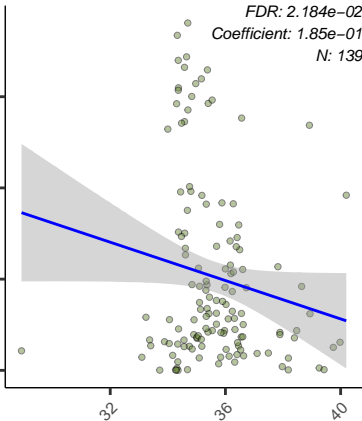
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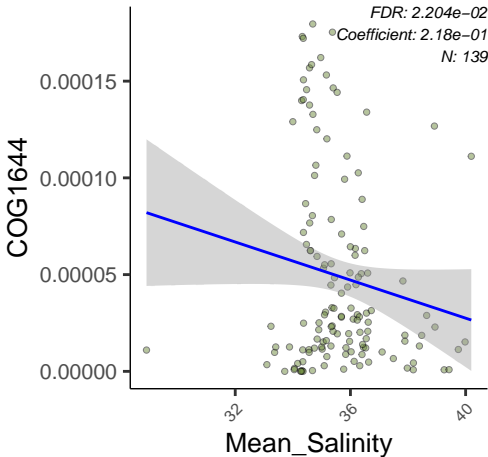
Mean_Salinity

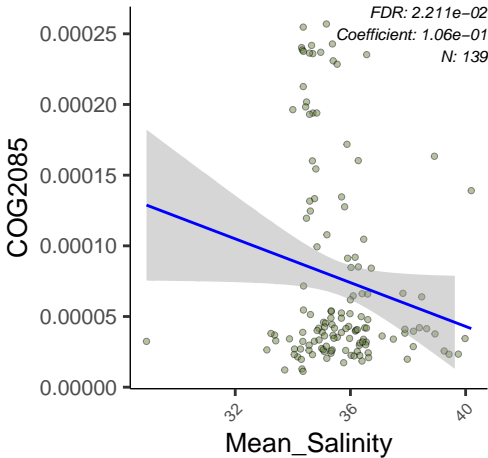
FDR: 2.184e-02

Coefficient: 1.85e-01

N: 139







COG2872

0.00015

0.00010

0.00005

0.00000

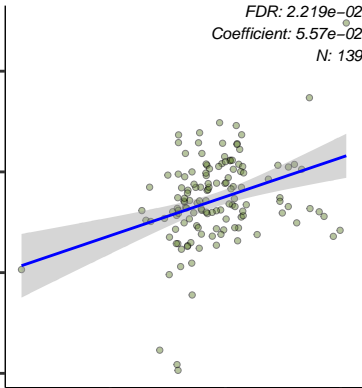
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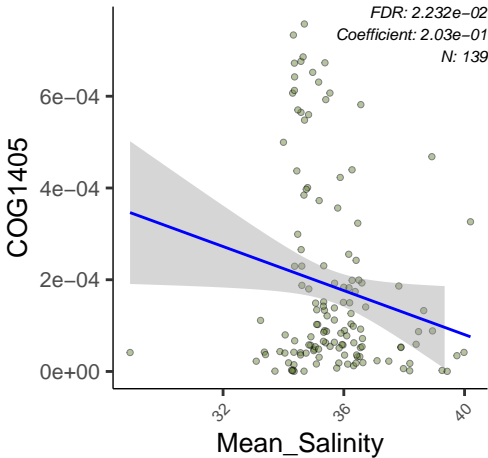
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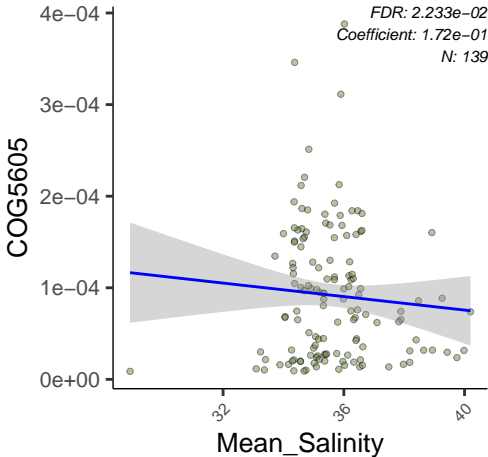
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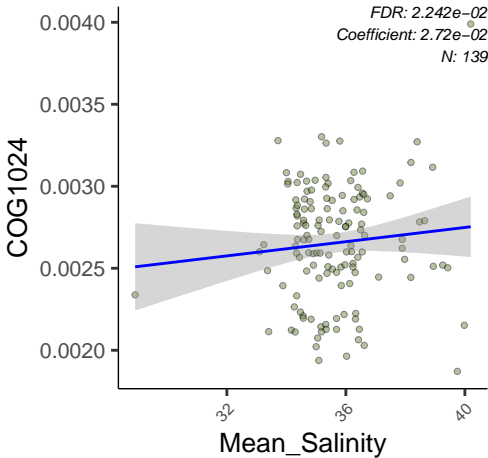
Mean_Salinity

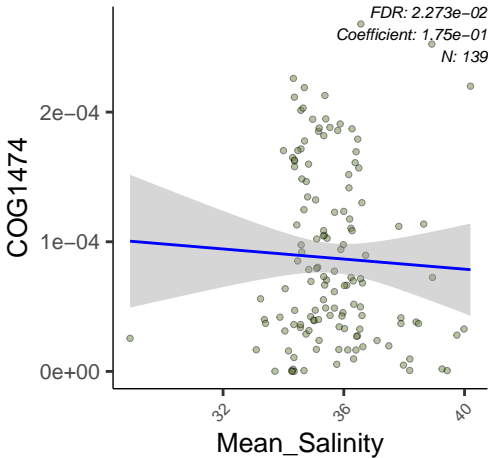
FDR: 2.219e-02
Coefficient: 5.57e-02
N: 139



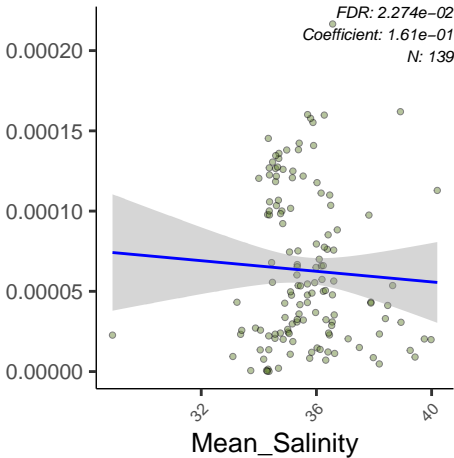


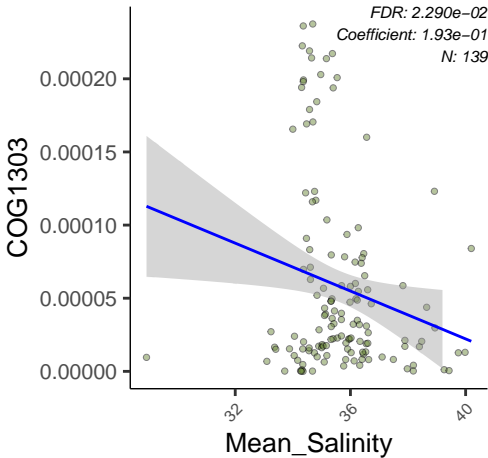


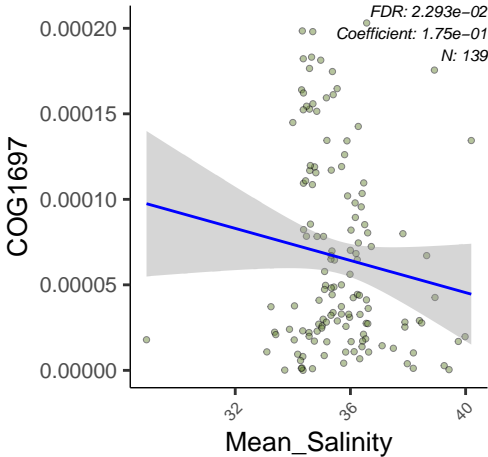


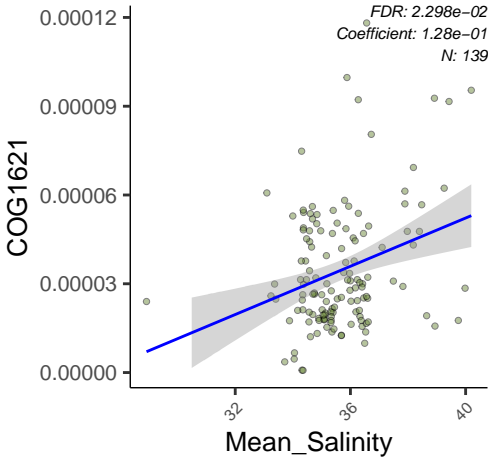


COG0214









COG2343

9e-05

6e-05

3e-05

0e+00

32

36

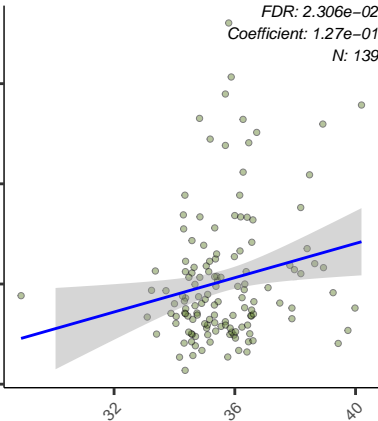
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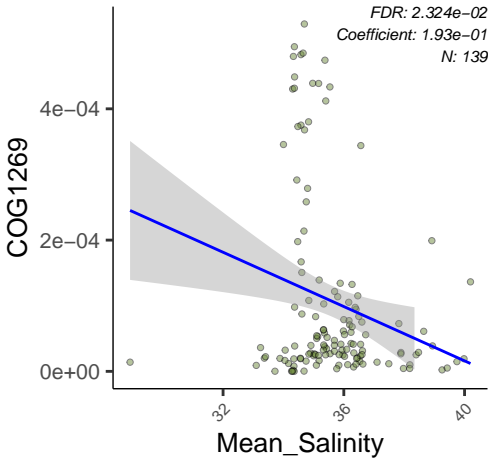
Mean_Salinity

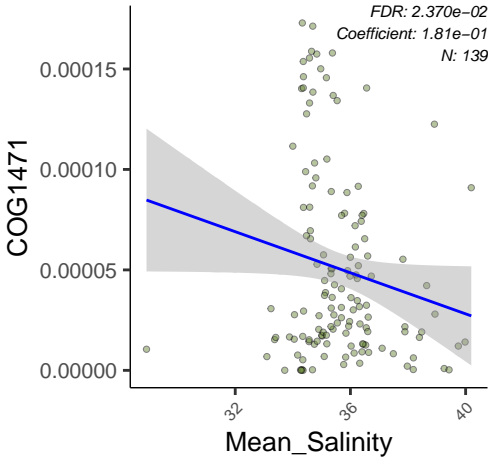
FDR: 2.306e-02

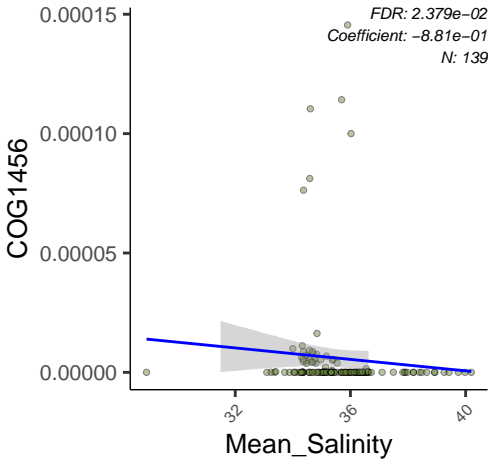
Coefficient: 1.27e-01

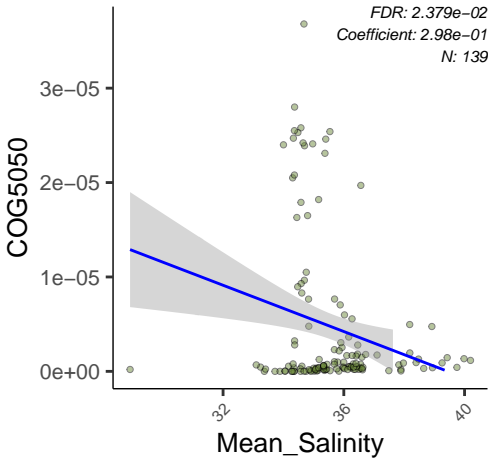
N: 139

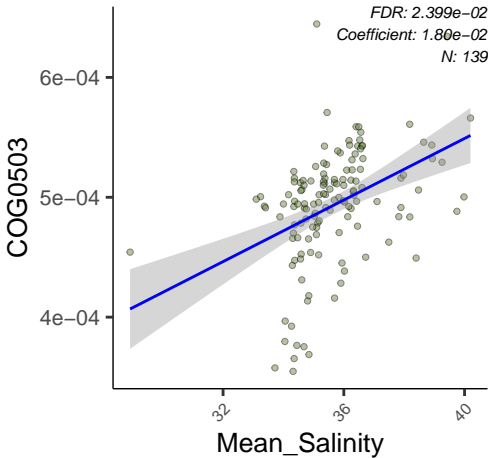


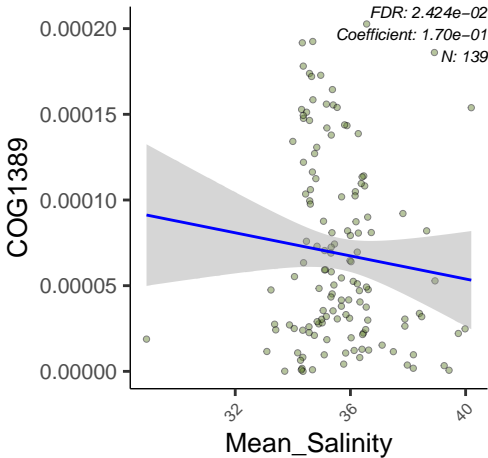


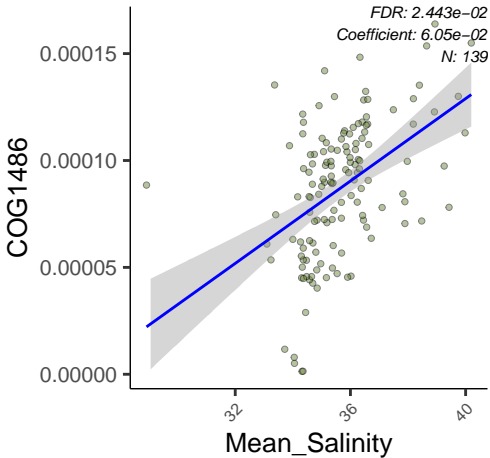


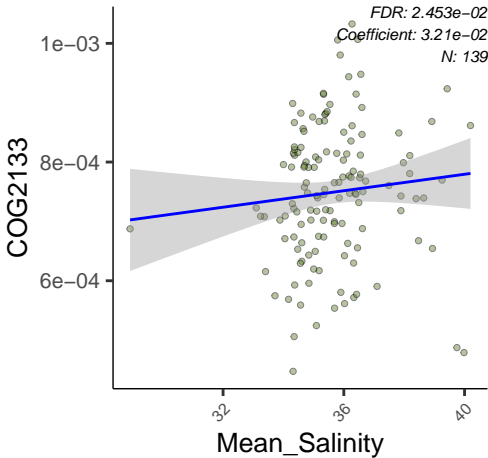


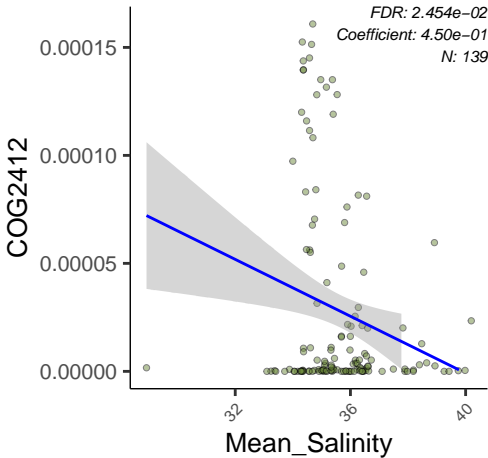


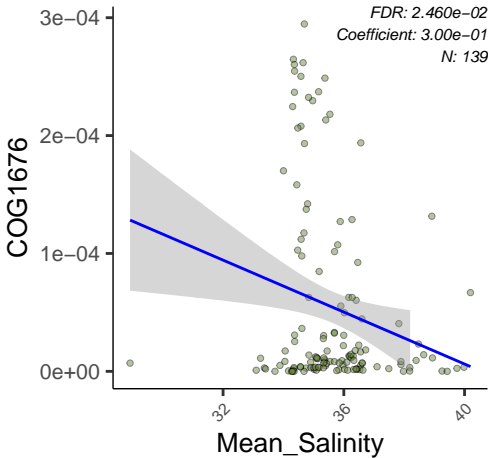


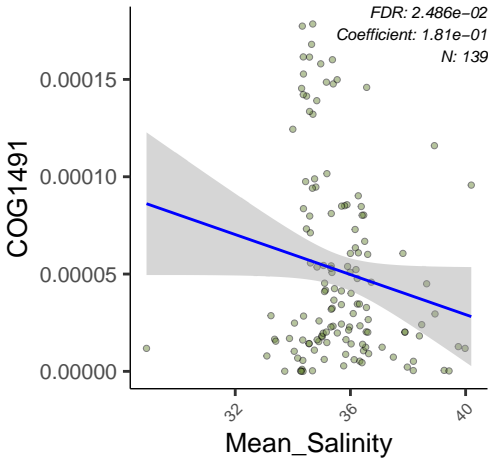


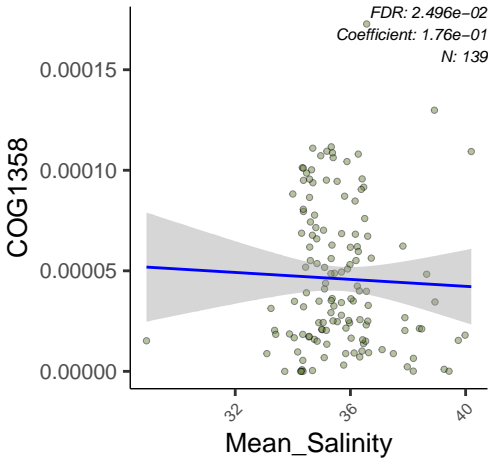


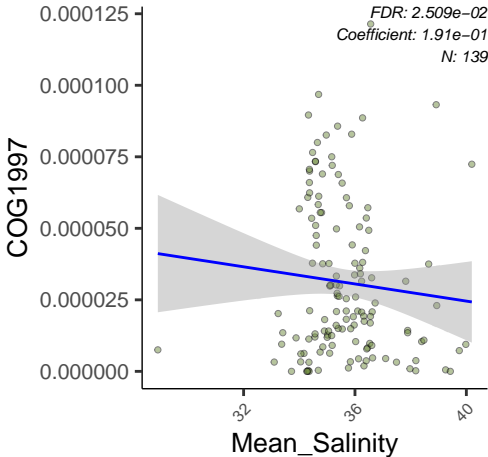


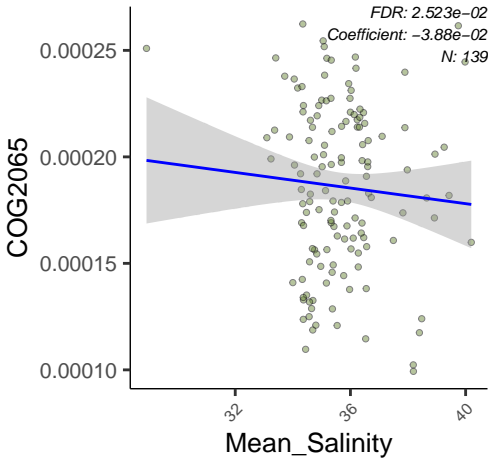


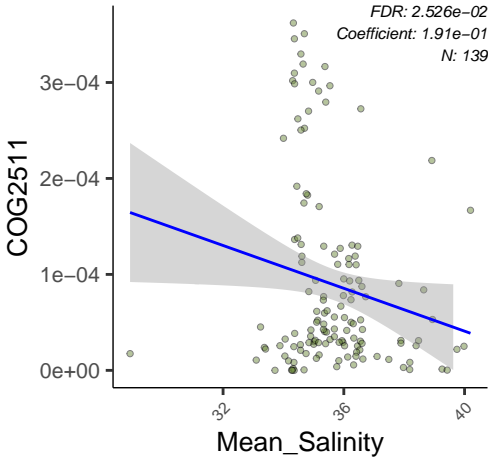


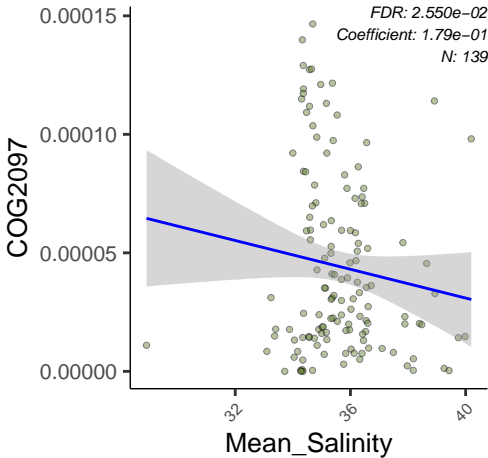


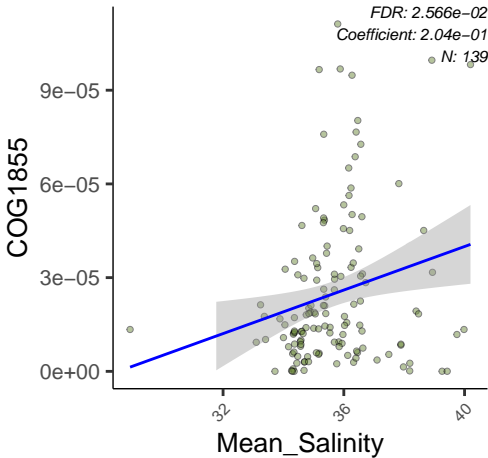




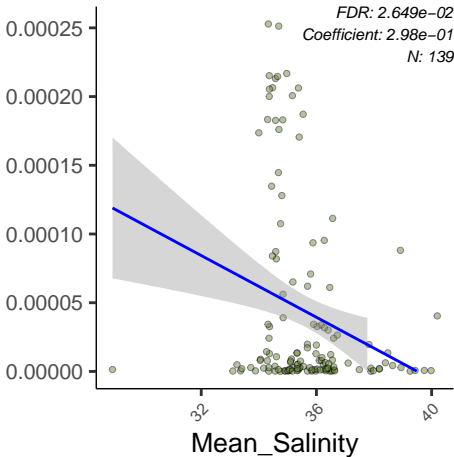


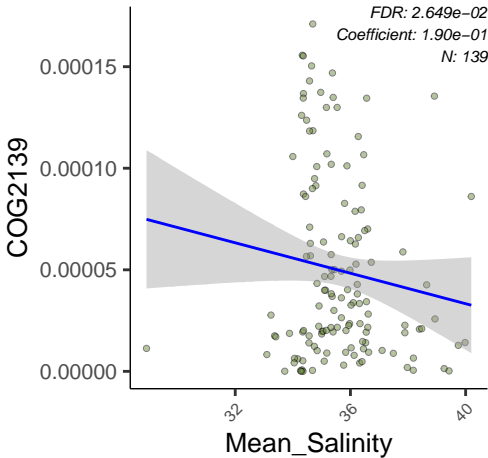


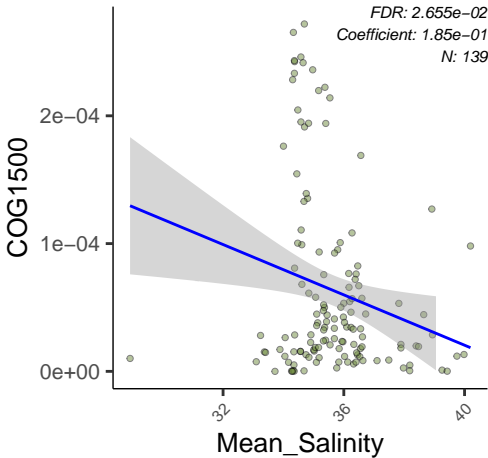


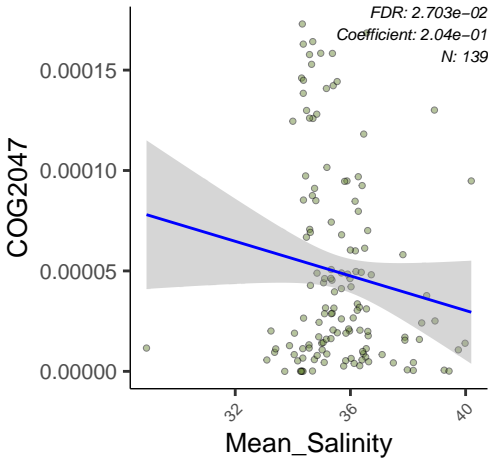


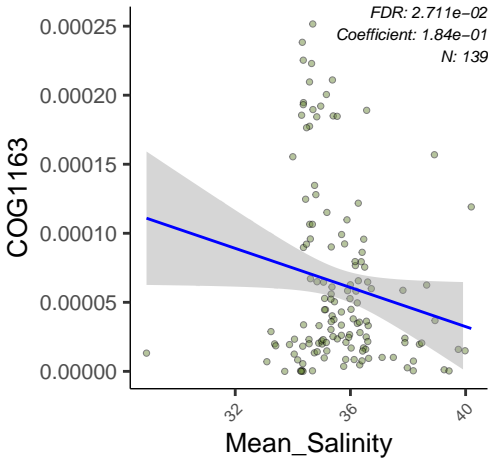
COG1027

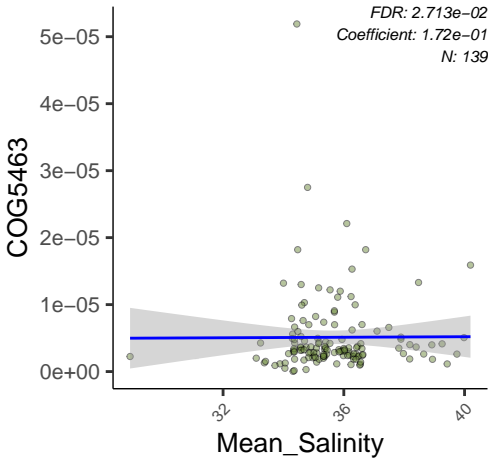


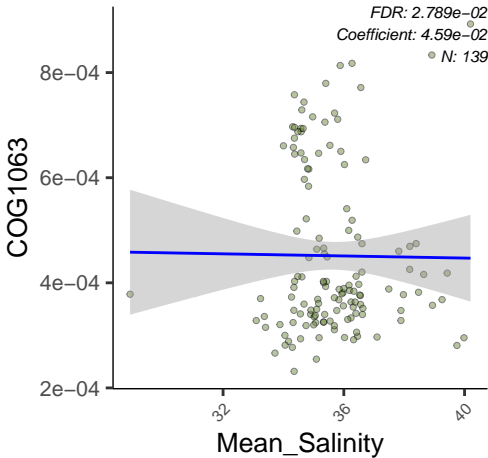


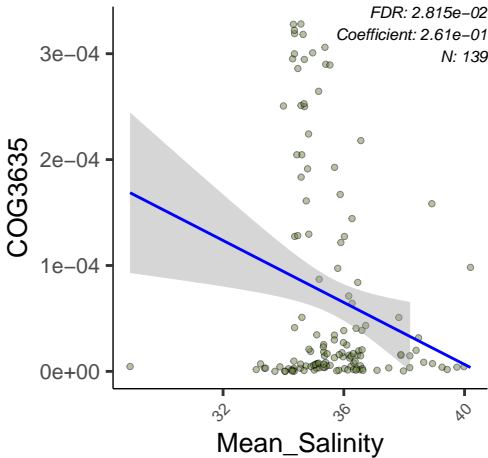


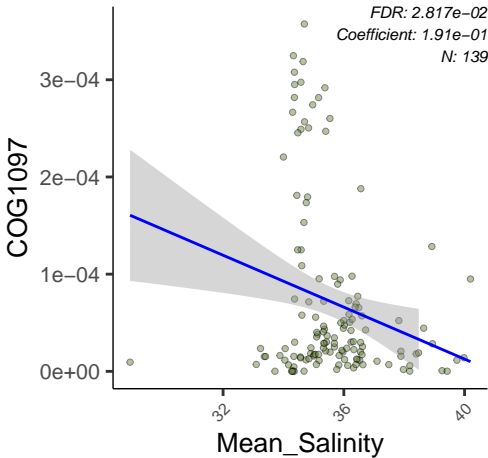


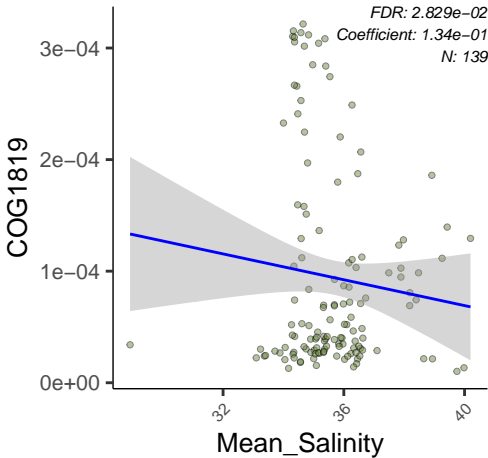


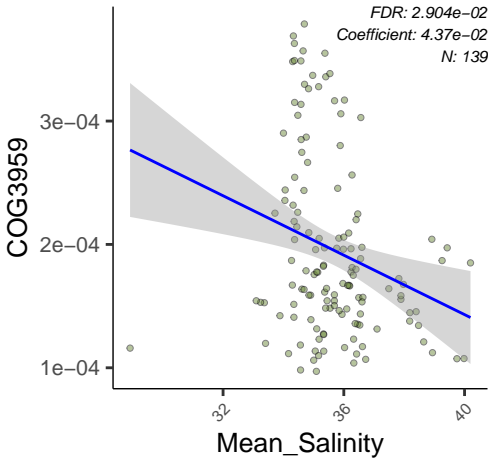


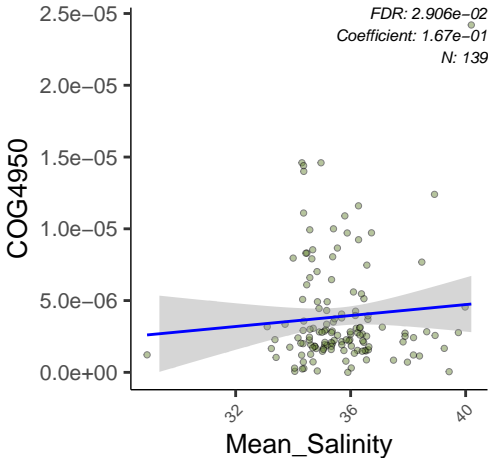












COG1746

3e-04

2e-04

1e-04

0e+00

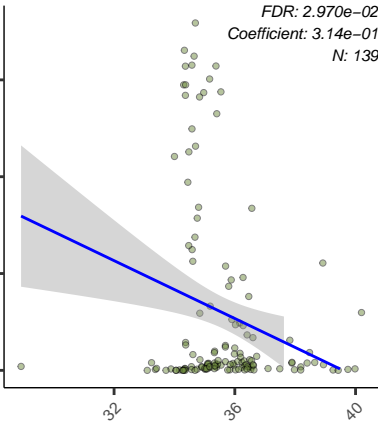
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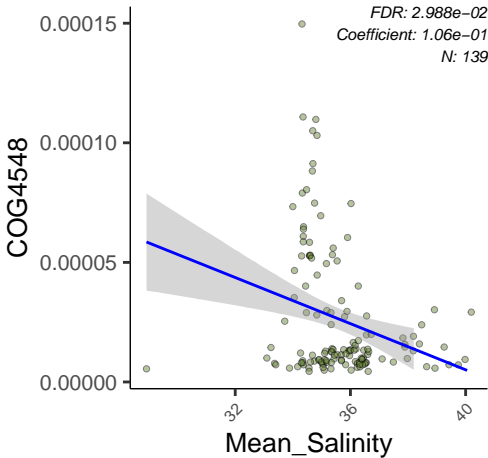
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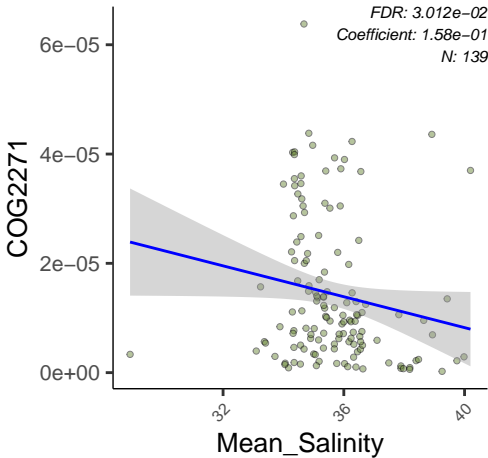
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Mean_Salinity

FDR: 2.970e-02
Coefficient: 3.14e-01
N: 139







COG5440

FDR: 3.012e-02
Coefficient: 2.37e-01
N: 139

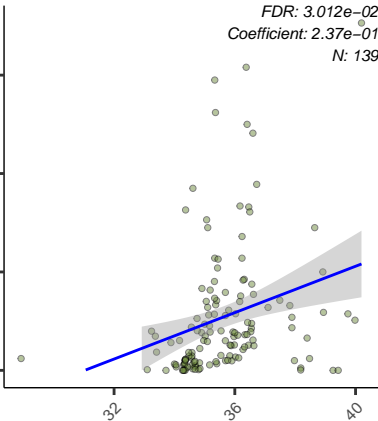
3e-05
2e-05
1e-05
0e+00

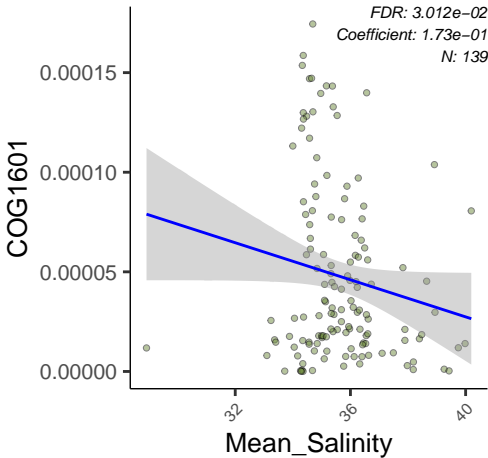
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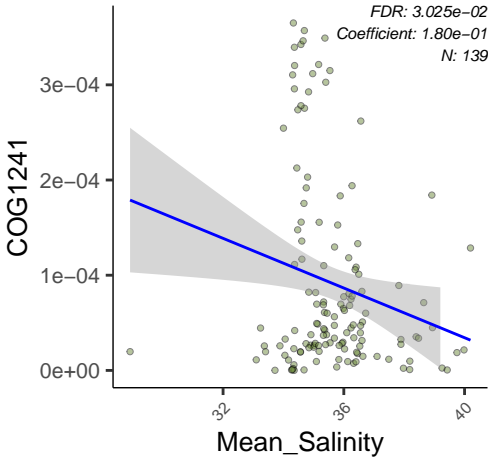
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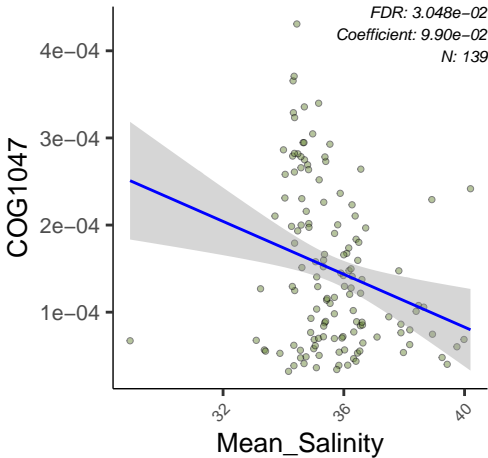
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Mean_Salinity









COG4745

FDR: 3.094e-02

Coefficient: 2.18e-01

N: 139

3e-05

2e-05

1e-05

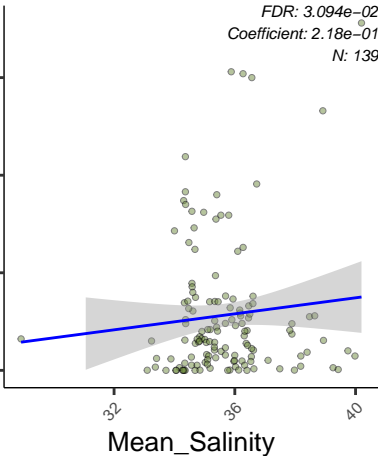
0e+00

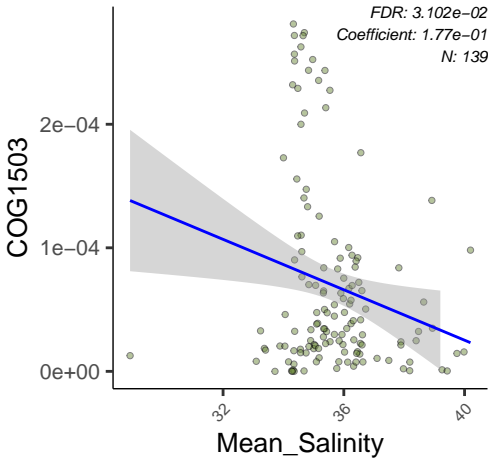
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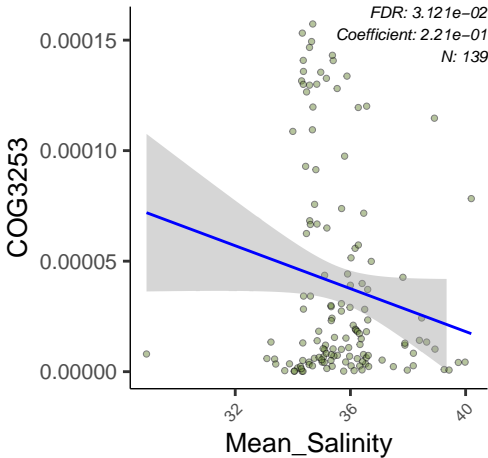
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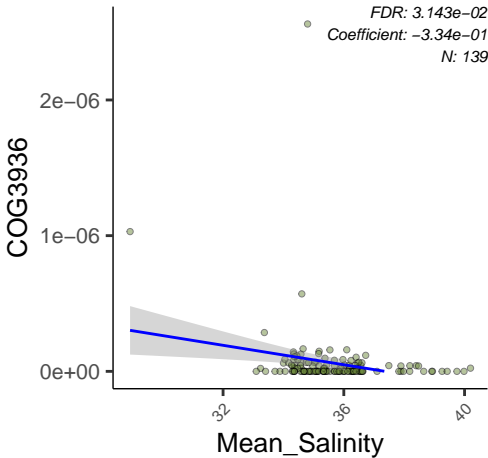
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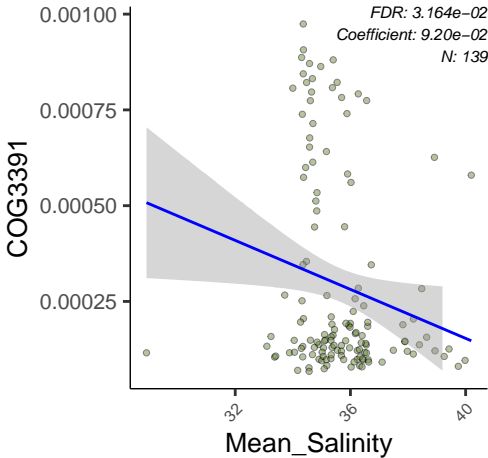
Mean_Salinity

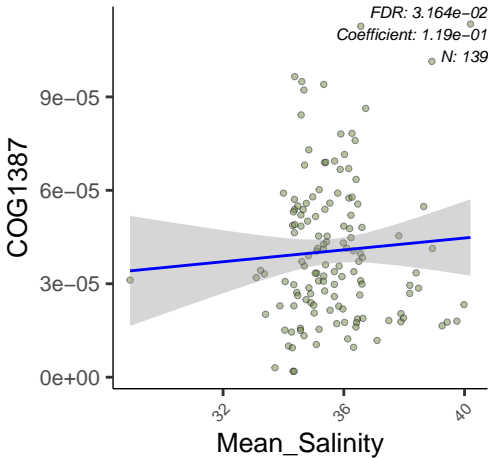


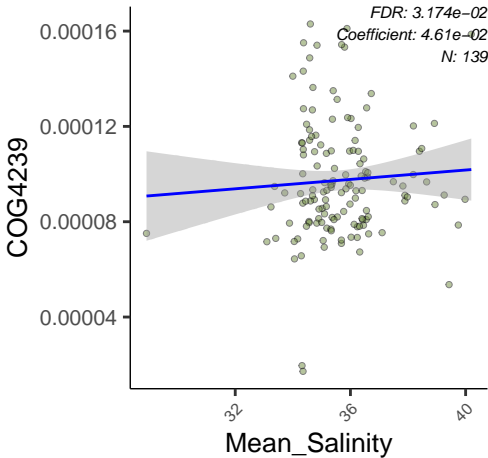


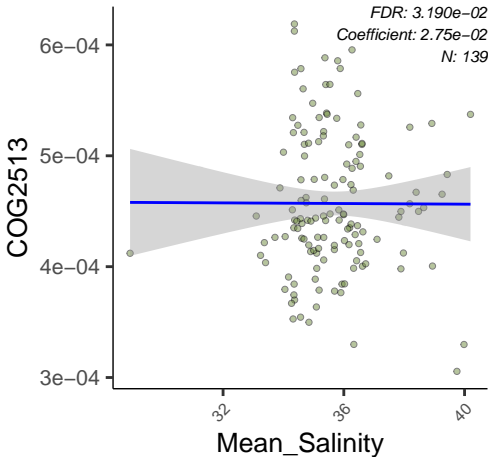


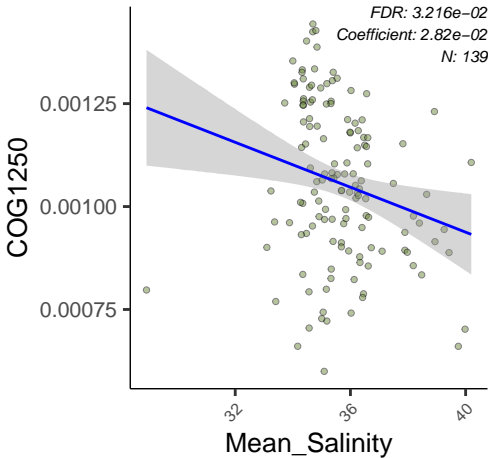












COG5649

FDR: 3.221e-02
Coefficient: 3.49e-01
N: 139

2.0e-06

1.5e-06

1.0e-06

5.0e-07

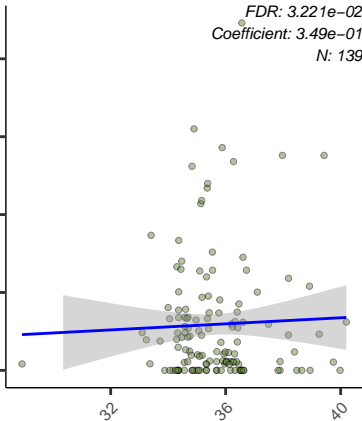
0.0e+00

32

36

40

Mean_Salinity



COG1937

0.00020
0.00015
0.00010
0.00005

32

36

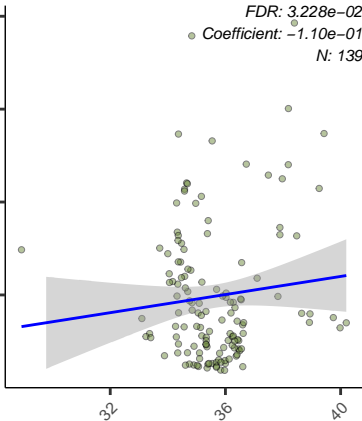
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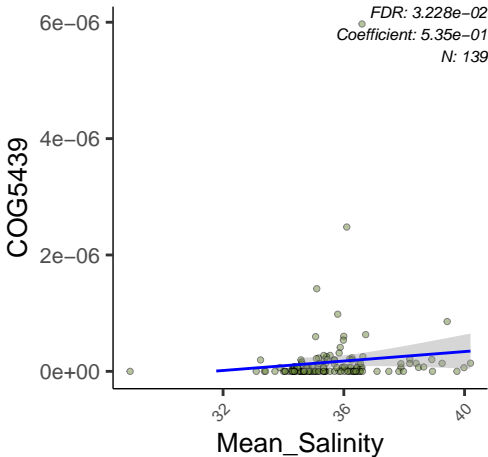
Mean_Salinity

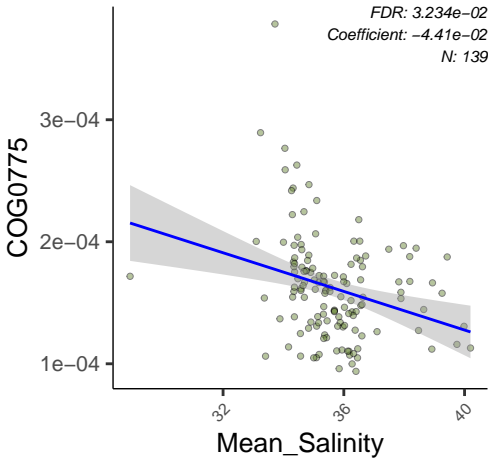
FDR: 3.228e-02

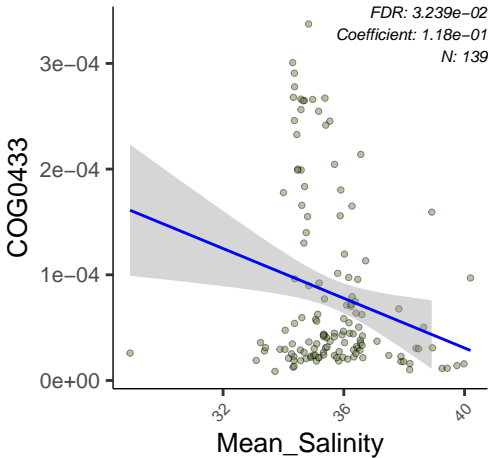
Coefficient: -1.10e-01

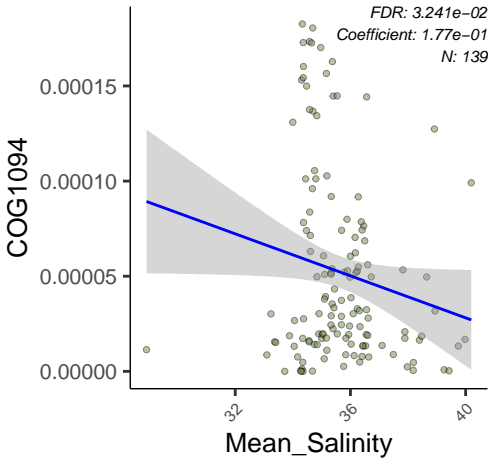
N: 139

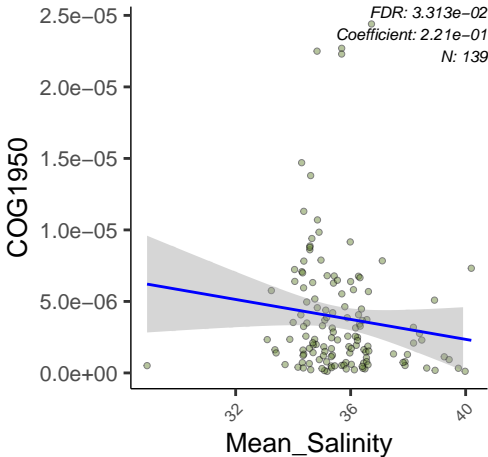


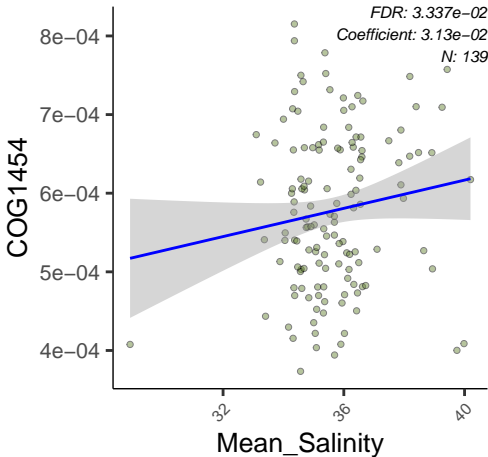


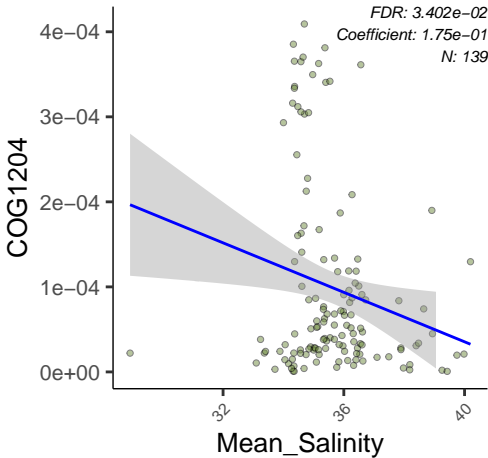


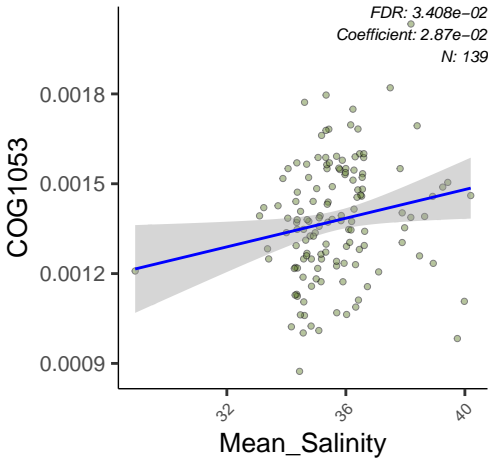


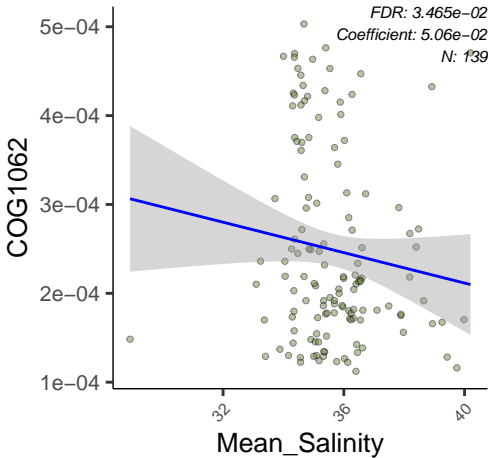


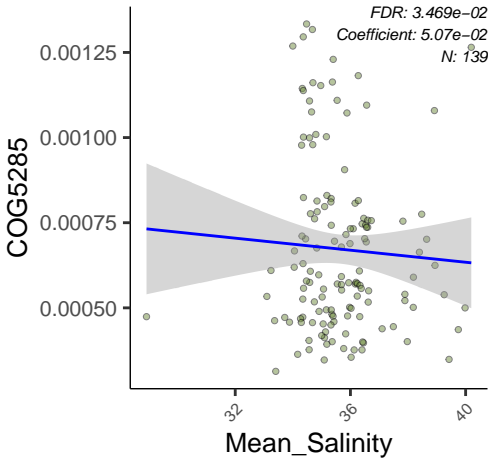












COG1545

FDR: 3.513e-02
Coefficient: 7.44e-02
N: 139

3e-04

2e-04

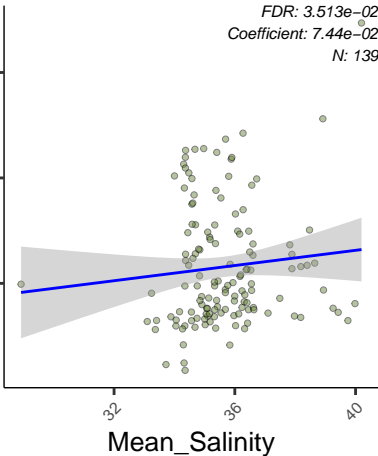
1e-04

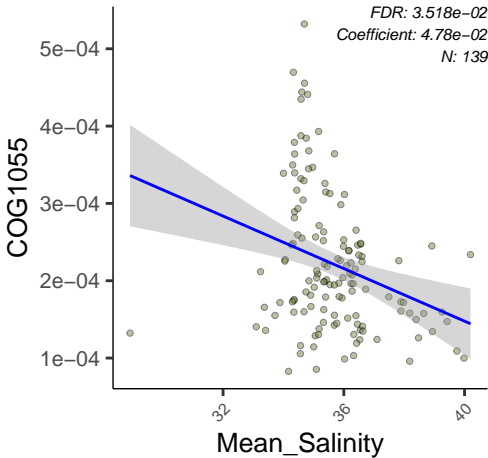
32

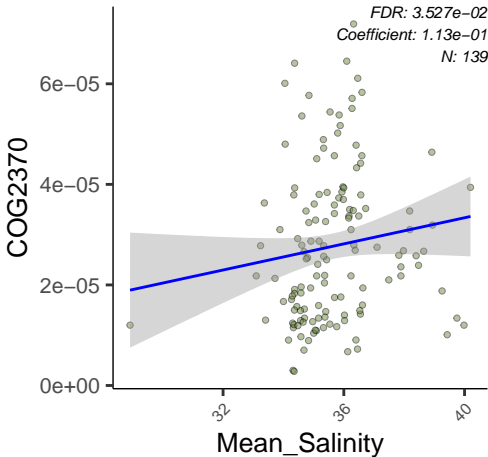
36

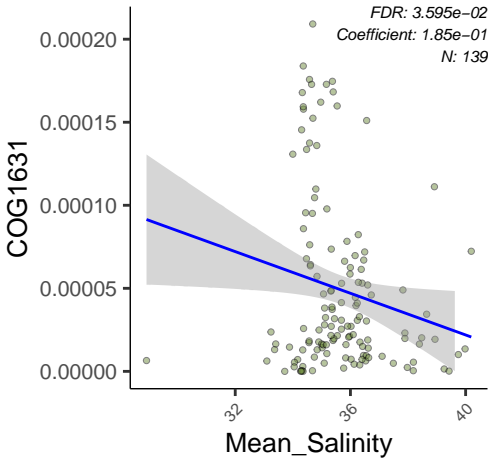
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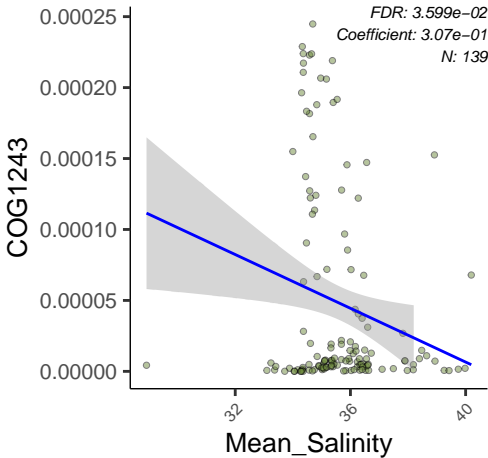
Mean_Salinity

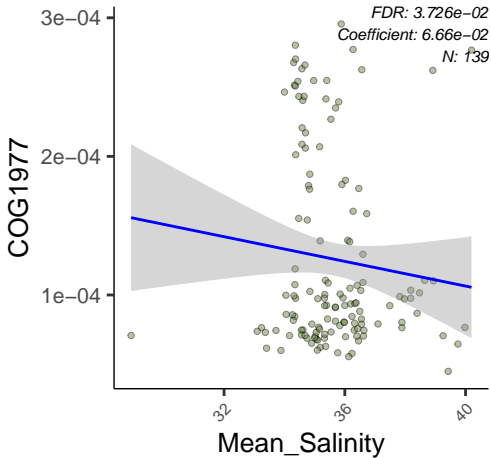


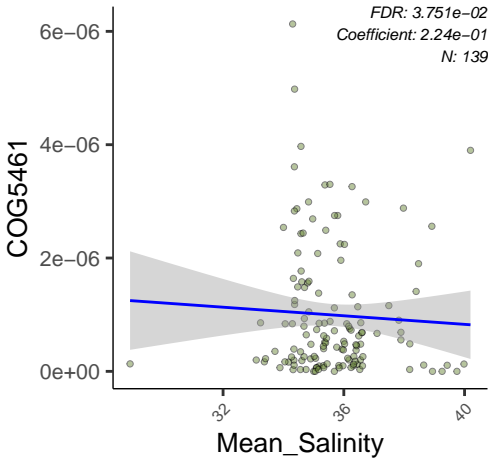












COG2164

FDR: 3.765e-02

Coefficient: 1.94e-01

N: 139

9e-05

6e-05

3e-05

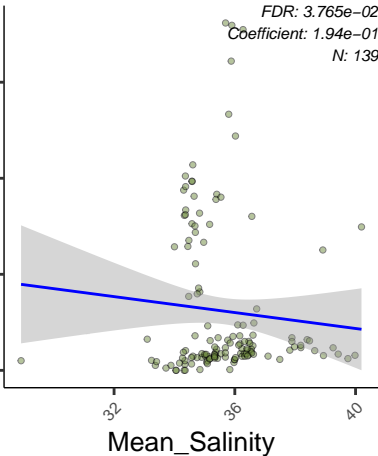
0e+00

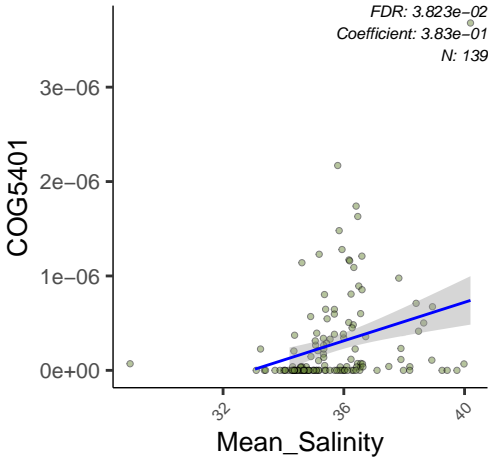
32

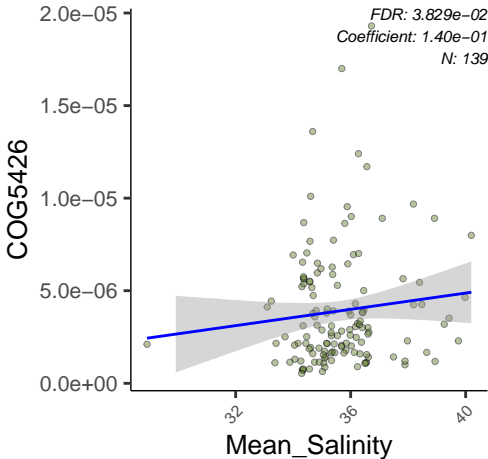
36

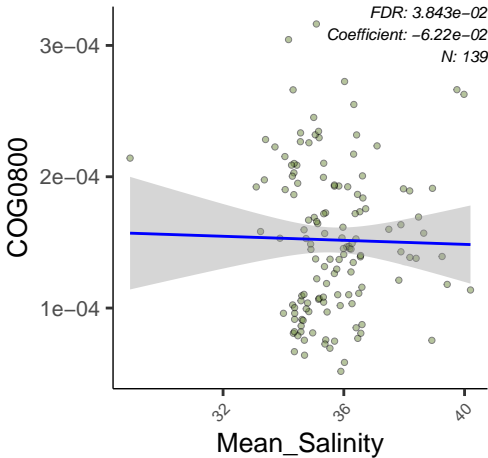
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Mean_Salinity

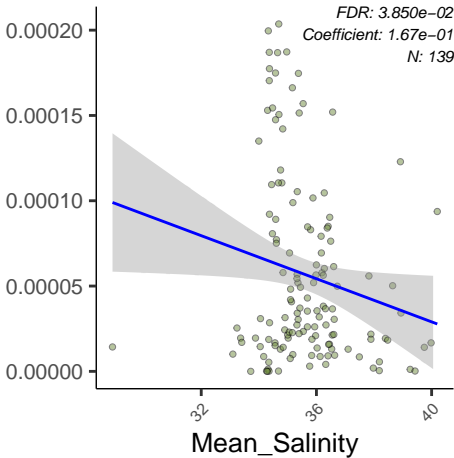


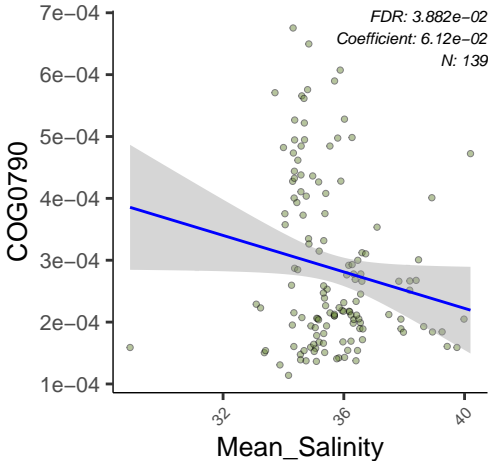


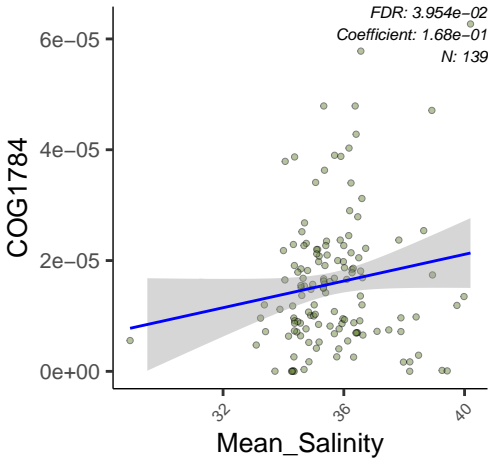




COG2007







COG1514

2e-04

1e-04

0e+00

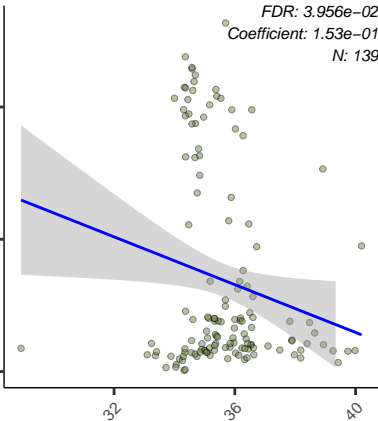
32

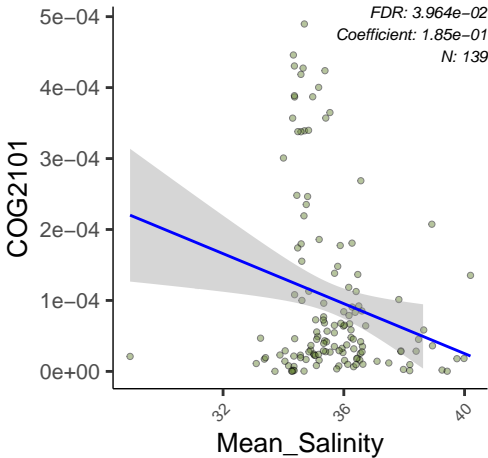
36

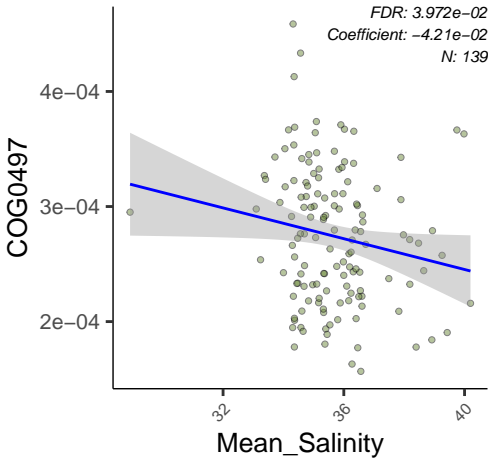
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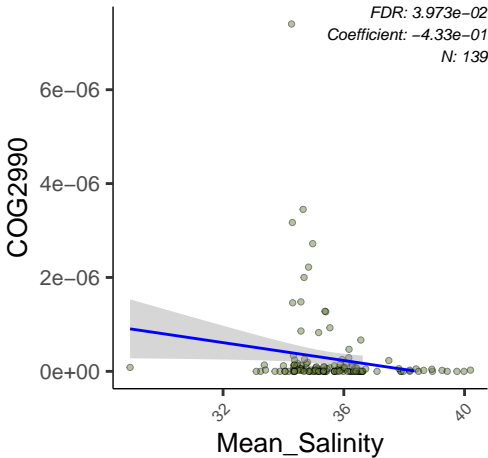
Mean_Salinity

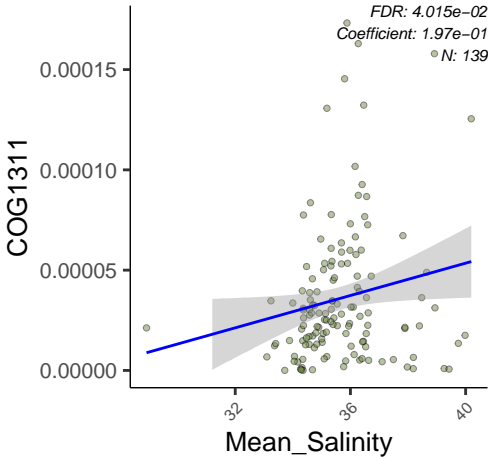
FDR: 3.956e-02
Coefficient: 1.53e-01
N: 139

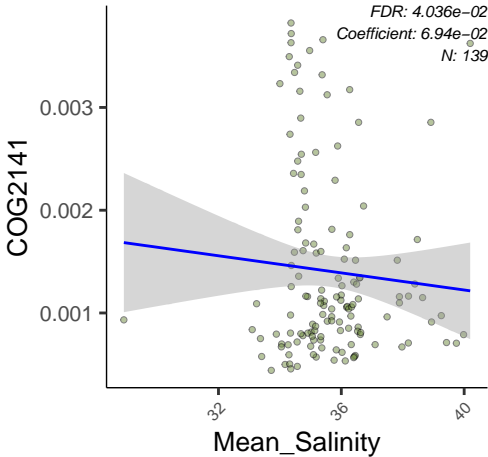


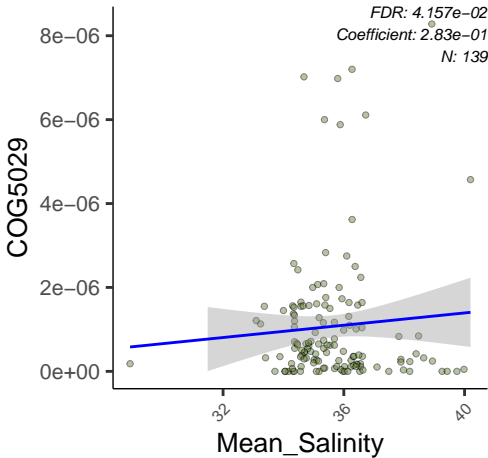


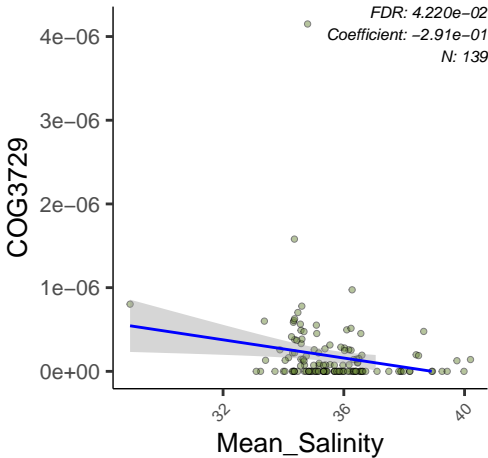


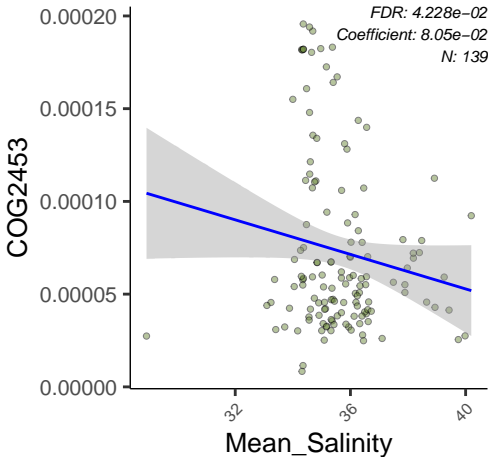


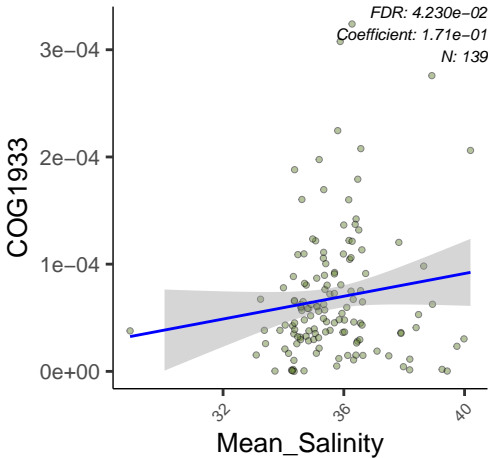












COG5552

1.5e-05

1.0e-05

5.0e-06

0.0e+00

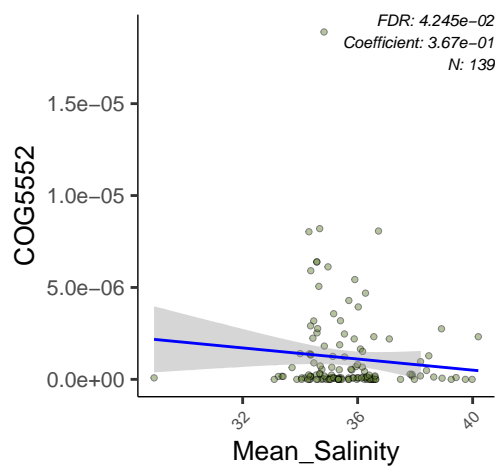
32

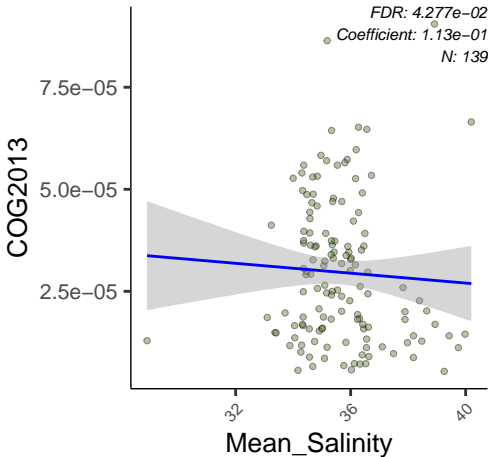
36

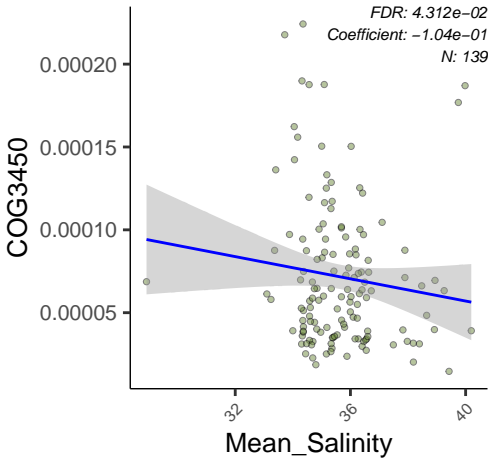
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Mean_Salinity

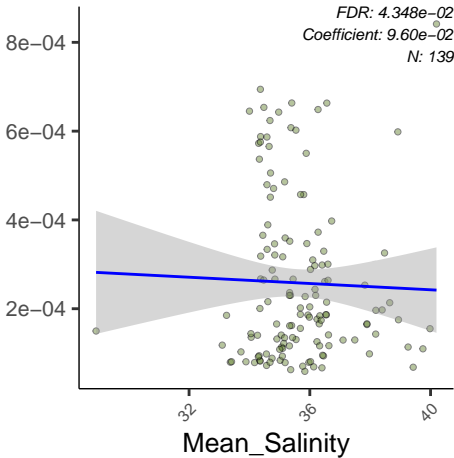
FDR: 4.245e-02
Coefficient: 3.67e-01
N: 139







COG2159



COG5226

FDR: 4.371e-02

Coefficient: 4.13e-01

N: 139

3e-07

2e-07

1e-07

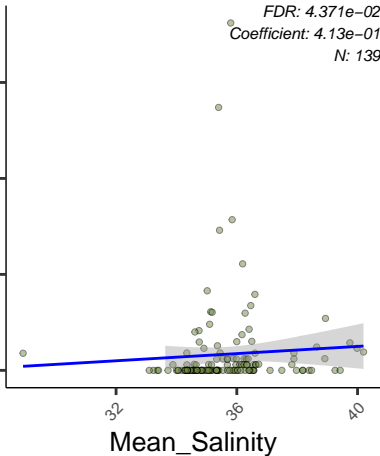
0e+00

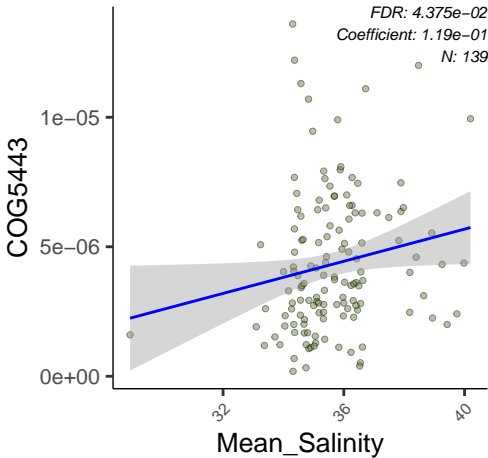
32

36

40

Mean_Salinity





COG4762

FDR: 4.443e-02
Coefficient: 4.35e-01
N: 139

2.0e-05

1.5e-05

1.0e-05

5.0e-06

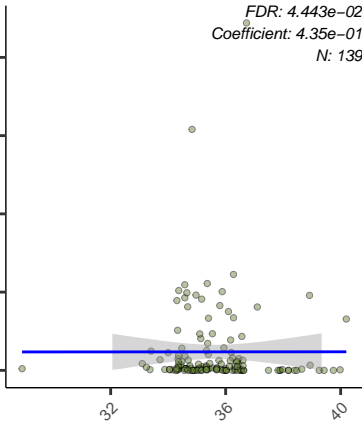
0.0e+00

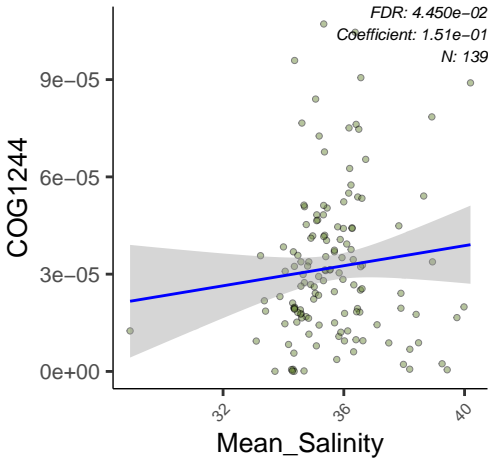
32

36

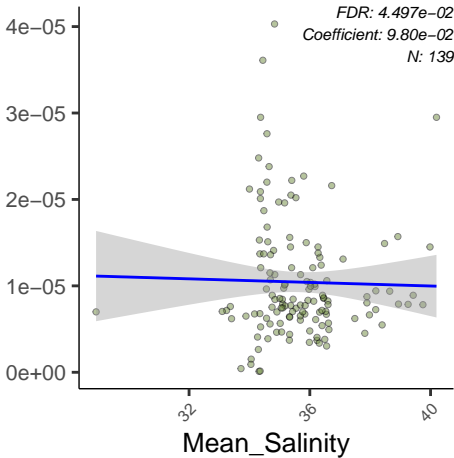
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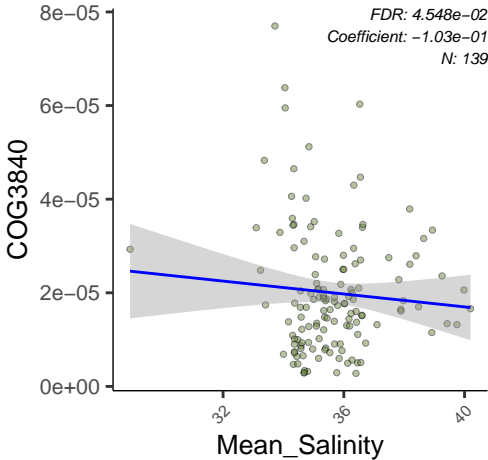
Mean_Salinity

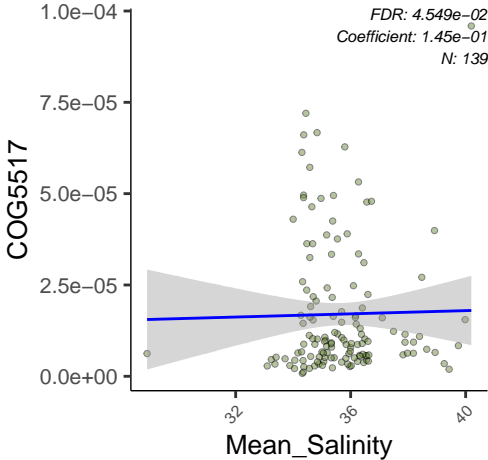


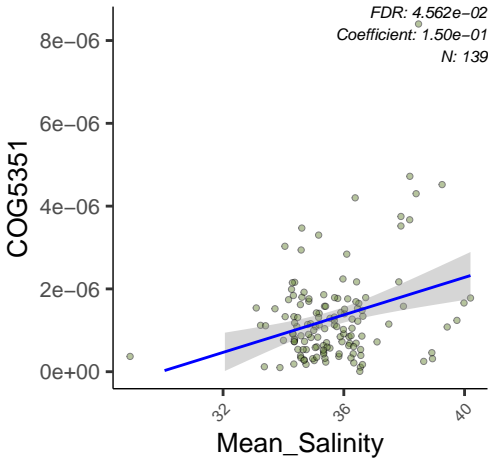


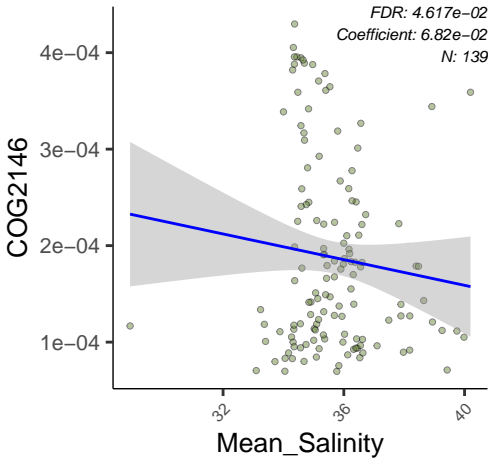
COG4544

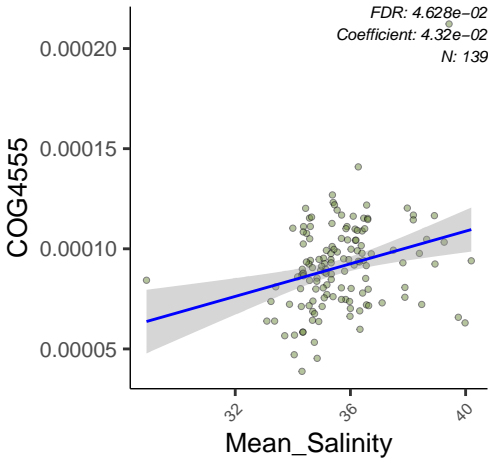


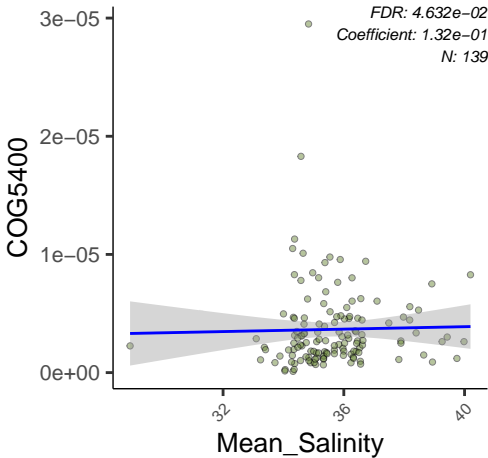


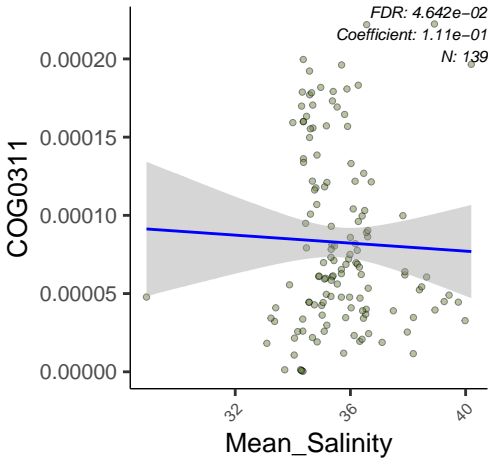


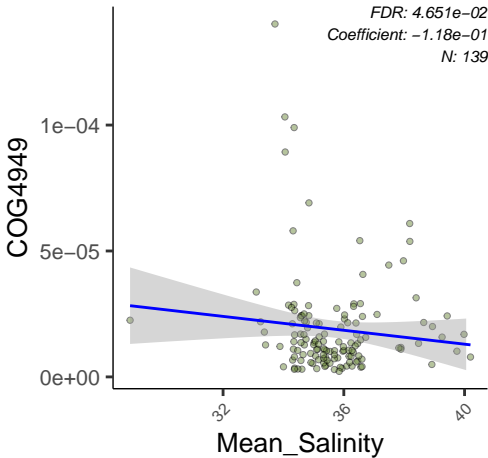


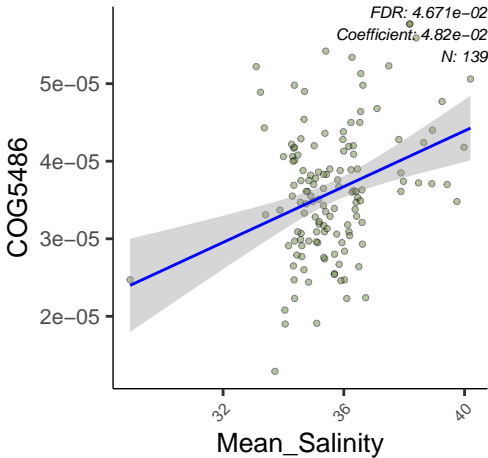


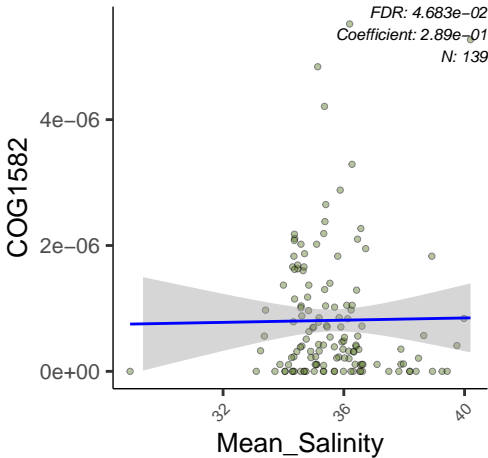


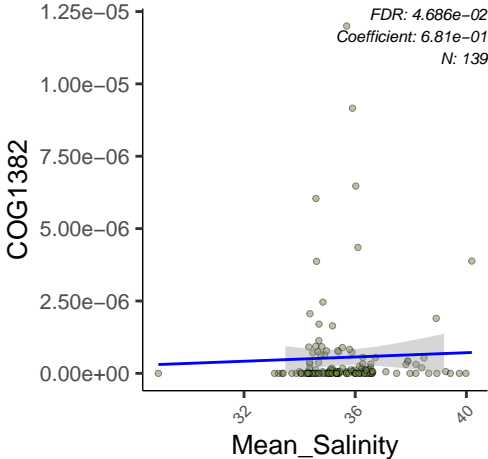


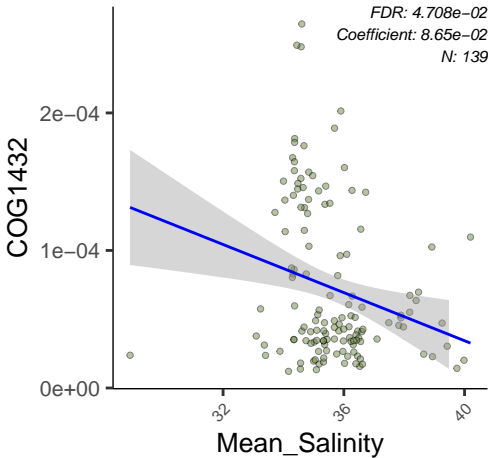


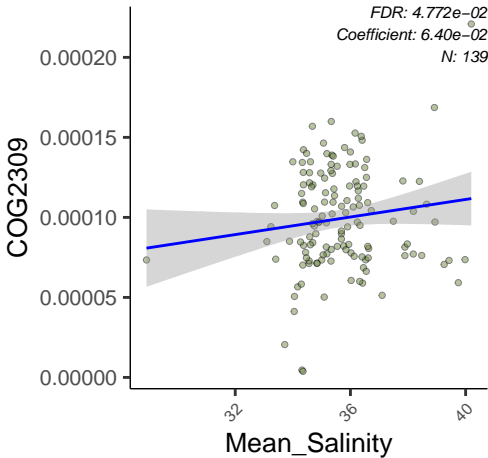


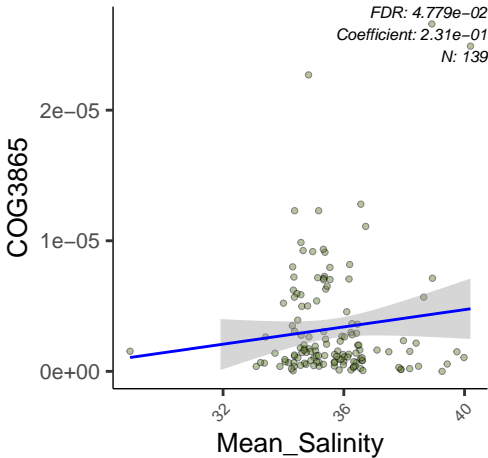


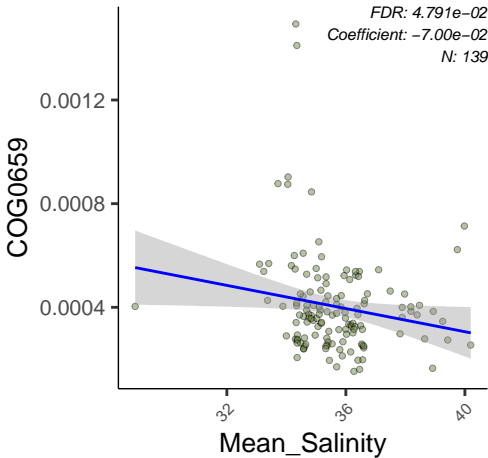












COG3319

1e-05

5e-06

0e+00

32

36

40

Mean_Salinity

FDR: 4.981e-02
Coefficient: 1.84e-01
N: 139

